

EXHIBIT 8

Draft Model Energy Storage Purchase Agreement
("ESPA")



**Hawaiian
Electric**

*Draft Energy Storage
Purchase Agreement
All Islands*

Project Type: Standalone Storage

BESS Contract Capacity: _____ / _____ MW/MWh of Storage

Facility Location: _____

Execution Date: _____

November 7, 2022 Version

PREFATORY NOTES

- This document indicates, for information purposes only, the terms and conditions that may be negotiated in a contract for the sale of energy storage services to be executed by Hawaiian Electric Company, Inc., Maui Electric Company, Limited or Hawai'i Electric Light Company, Inc. The terms and conditions that may be offered by Hawaiian Electric Company, Inc., Maui Electric Company, Limited or Hawai'i Electric Light Company, Inc. in an energy storage purchase agreement may be modified to reflect factors such as different storage technologies, project specifics, changes in applicable rules, guidance from the Public Utilities Commission in proceedings concerning the approval or negotiation of such energy storage purchase agreements, results of an interconnection requirements study and other negotiated terms and conditions.
- The documents evidencing the complete contract for this Facility consist of (1) this Energy Storage Purchase Agreement, and all Attachments, Exhibits and related documents attached to this document, (2) the Project Specific Addendum for the Facility, and all Attachments, Exhibits and related documents attached to such Project Specific Addendum, (3) the IRS Letter Agreement, (4) the GHG Letter Agreement and (5) any confidentiality or non-disclosure agreements entered into by the Parties during the process of contract negotiations and/or discussions of the specifications of the Facility.
- This document assumes that the proposed facility will be a battery energy storage system. If a proposal containing technology other than a battery for the energy storage system is selected for the RFP's final award group, replacement provisions accounting for such differing technology will need to be developed for the energy storage purchase agreement for such project proposal.

[NOTE: TEXT WITHIN THIS DOCUMENT THAT APPEARS IN BOLD AND/OR BRACKETS INDICATES A PROVISION THAT MAY REQUIRE REVISION TO CONFORM TO A SPECIFIC PROJECT.]

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ENERGY STORAGE PURCHASE AGREEMENT

THIS ENERGY STORAGE PURCHASE AGREEMENT ("ESPA") is made this ____ day of _____, 20__ (the "Execution Date"), by and between [Hawaiian Electric Company, Inc.,] [Maui Electric Company, Limited,] [Hawai'i Electric Light Company, Inc.,] a Hawai'i corporation (hereinafter called the "Company") and _____ (hereinafter called the "Seller"). This ESPA, together with the Project Specific Addendum for the Facility, is hereinafter collectively referred to as the "Agreement."

WHEREAS, Company is an operating electric public utility on the island where the Facility is located, subject to the Hawai'i Public Utilities Law (Hawai'i Revised Statutes, Chapter 269) and the rules and regulations of the Hawai'i Public Utilities Commission (hereinafter called the "PUC" or "Commission"); and

WHEREAS, the Company System is operated as an independent power grid and must both maximize system reliability for its customers by ensuring that sufficient generation is available and meet the requirements for voltage stability, frequency stability, and reliability standards; and

WHEREAS, Seller desires to build, own, and operate a safe, reliable and operationally flexible battery energy storage system ("BESS") so as to provide the Company System with those benefits and services associated with the Energy Storage Services, as defined herein; and

WHEREAS, Seller understands the need to use all commercially reasonable efforts to maximize the overall reliability of the Company System; and

WHEREAS, Facility will be located at the location identified on the cover page of this ESPA, and is more fully described in Attachment A (Description of Storage Facility) and Attachment B (Facility Owned by Seller); and

WHEREAS, Seller desires to sell to Company, and Company agrees to purchase upon the terms and conditions set forth herein, the availability of the Energy Storage Services provided by the Facility for Company Dispatch in accordance with this Agreement;

NOW, THEREFORE, in consideration of the premises and the respective promises herein, Company and Seller hereby agree as follows:

DEFINITIONS

When the capitalized terms set forth in the Schedule of Defined Terms are used in this Agreement, such terms shall have the meanings set forth in such Schedule.

ARTICLE 1
PARALLEL OPERATION

Company agrees to allow Seller to interconnect and operate the Facility in parallel with the Company System to provide the Energy Storage Services; provided, however, that such interconnection and operation shall not: (i) adversely affect Company's property or the operations of its customers and customers' property; (ii) present safety hazards to the Company System, Company's property or employees or Company's customers or the customers' property or employees; or (iii) otherwise fail to comply with this Agreement. Such parallel operation shall be contingent upon the satisfactory completion, as determined solely by Company, of the Acceptance Test and, to the extent applicable, the Control System Acceptance Test, in accordance with Good Engineering and Operating Practices.

ARTICLE 2
PURCHASE AND SALE OF DISPATCHABILITY;
RATE FOR PURCHASE AND SALE; BILLING AND PAYMENT

- 2.1 Purchase and Sale of Dispatchability of Facility and Availability of the BESS. Subject to the other provisions of this Agreement, Company shall, by a Lump Sum Payment, pay for the availability of the Facility's Energy Storage Services to respond to Company Dispatch in accordance with this Agreement. Company will not reimburse Seller for any taxes or fees imposed on Seller including, but not limited to, State of Hawai'i general excise tax.
- 2.2 [RESERVED]
- 2.3 Lump Sum Payment. Commencing on the Commercial Operations Date, Company shall pay to Seller a monthly Lump Sum Payment as provided in Section 2 (Lump Sum Payment for Purchase of Dispatchability) of Attachment J (Company Payments for Dispatchability and Availability of BESS) to this Agreement. For purposes of calculating the monthly Lump Sum Payment, the monthly Lump Sum Payment shall be adjusted downward to account for the time the Facility or any portion of the Facility is not available for Company Dispatch because of a Force Majeure condition (i) at the Facility or (ii) that otherwise delays or prevents the Seller from making the Facility or any portion of the Facility available for Company Dispatch, as more fully set forth in Section 3.iv of Attachment J (Company Payments for Dispatchability and Availability of BESS) to this Agreement.
- 2.4 Assurance of Capability of Facility to Deliver Energy Storage Services.
- (a) Design, Operation and Maintenance to Achieve Required Performance Metrics. In order to provide Company with reasonable assurance that the Facility's Energy Storage Services will be available for Company Dispatch: (i) the BESS Capacity Performance Metric shall be used to confirm the capability of the Facility to discharge continuously for [two (2)/four (4)] hours at BESS Contract Capacity (MW) or to discharge continuously for a total energy (MWh) equal to the BESS Contract Capacity (MWh) if the test is conducted at less than BESS Contract Capacity (MW); (ii) the BESS EAF Performance Metric shall be used to determine whether the Facility is meeting its expected availability; (iii) the BESS

EFOF Performance Metric shall be used to evaluate whether the Facility is experiencing excessive unplanned outages; and (iv) the RTE Performance Metric shall be used to evaluate the storage efficiency of the Facility. Seller shall design, operate and maintain the Facility in a manner consistent with the standard of care reasonably expected of an experienced owner/operator with the desire and financial resources necessary to design, operate and maintain the Facility to achieve the Performance Metrics. The foregoing is without limitation to Seller's other obligations under this Agreement, including the obligation to operate the Facility in accordance with Good Engineering and Operating Practices. The Performance Metrics set forth in Section 2.8 (BESS Capacity; Liquidated Damages; Termination Rights) through Section 2.11 (BESS Round Trip Efficiency; Liquidated Damages; Termination Rights) of this Agreement shall be interpreted consistent with the North American Electric Reliability Corporation Generating Availability Data System ("NERC GADS") Data Reporting Instructions. In the event of a conflict between NERC GADS and the terms of this Agreement, the terms of this Agreement will control.

- (b) Charging Energy Obligations. Except as otherwise set forth in this Section 2.4(b) (Charging Energy Obligations) or as expressly set forth in this Agreement, following the Commercial Operations Date, Company shall be responsible for and bear the cost of delivering all of the Charging Energy for the Facility to the Point of Interconnection. So long as the State of Charge is less than 100%, Seller shall take all actions necessary to accept the Charging Energy, as delivered by Company by manual dispatch or automatic signals, at and from the Point of Interconnection as part of making available to Company the Facility's Energy Storage Services in accordance with the terms of this Agreement and Company tariffs, including, without limitation, maintenance, repair or replacement of equipment in Seller's possession or control used to deliver the Charging Energy to the Facility. Seller shall only use the Charging Energy for Company's benefit in accordance with the terms of this Agreement.

2.5 [RESERVED]

2.6 [RESERVED]

2.7 [RESERVED]

2.8 BESS Capacity; Liquidated Damages; Termination Rights.

(a) BESS Capacity and Liquidated Damages. For each BESS Measurement Period following the Commercial Operations Date, the Facility shall be required to complete a BESS Capacity Test or otherwise demonstrate satisfaction of the BESS Capacity Performance Metric, as more fully set forth in Attachment W (BESS Tests) to this Agreement. For each BESS Measurement Period for which the Facility fails to demonstrate that it satisfies the BESS Capacity Performance Metric, Seller shall pay, in accordance with Section 2.12 (Payment of Liquidated Damages for Failure to Achieve Performance Metrics; Limitation on Liquidated Damages), and Company shall accept, as liquidated damages for such shortfall, the amount set forth in the following table (on a progressive basis) upon proper demand at the end the BESS Measurement Period in question:

BESS Capacity Ratio	Liquidated Damage Amount
Tier 1 95.0% - 99.9%	For each one-tenth of one percent (0.001) that the BESS Capacity Ratio is below 100% and is equal to or greater than 95.0%, an amount equal to one-tenth of one percent (0.001) of the Lump Sum Payment for the BESS Measurement Period in question; plus
Tier 2 85.0% - 94.9%	For each one-tenth of one percent (0.001) that the BESS Capacity Ratio is below 95% and is above 84.9%, an amount equal to one and a half-tenths of one percent (0.0015) of the Lump Sum Payment for the BESS Measurement Period in question; plus

<p>Tier 3 75.0% - 84.9%</p>	<p>For each one-tenth of one percent (0.001) that the BESS Capacity Ratio is below 85% and is above 74.9%, an amount equal to two-tenths of one percent (0.002) of the Lump Sum Payment for the BESS Measurement Period in question; plus</p>
<p>Tier 4 60.0% - 74.9%</p>	<p>For each one-tenth of one percent (0.001) that the BESS Capacity Ratio is below 75% and is above 59.9%, an amount equal to two and a half-tenths of one percent (0.0025) of the Lump Sum Payment for the BESS Measurement Period in question; plus</p>
<p>Tier 5 50.0% - 59.9%</p>	<p>For each one-tenth of one percent (0.001) that the BESS Capacity Ratio is below 60% and is above 49.9%, an amount equal to three-tenths of one percent (0.003) of the Lump Sum Payment for the BESS Measurement Period in question; plus</p>
<p>Tier 6 49.9% and below ("<u>Lowest BESS Capacity Bandwidth</u>")</p>	<p>For each one-tenth of one percent (0.001) that the BESS Capacity Ratio is below 50%, an amount equal to three and a half-tenths of one percent (0.0035) of the Lump Sum Payment for the BESS Measurement Period in question.</p>

For purposes of determining liquidated damages under this Section 2.8(a) (BESS Capacity and Liquidated

Damages), the starting and end points for the duration of the period that the Facility discharges shall be rounded to the nearest MWh. Each Party agrees and acknowledges that (i) the damages that Company would incur if the Seller fails to achieve the BESS Capacity Performance Metric for a BESS Measurement Period would be difficult or impossible to calculate with certainty and (ii) the aforesaid liquidated damages are an appropriate approximation of such damages.

EXAMPLE: The following is an example calculation of liquidated damages for the BESS Capacity Performance Metric and is included for illustrative purposes only. Assume the following:

The monthly Lump Sum Payment is \$1,000,000

The BESS Contract Capacity (MW) for the Facility is 25 MW.

A BESS Capacity Test was conducted and the Facility was measured to have discharged 65 MWh

BESS Contract Capacity (MWh) = 25 MW x 4 hours = 100 MWh

BESS Capacity Ratio = MWh Discharged/BESS Contract Capacity = 65 MWh/100 MWh = 0.65

Lump Sum Payment for the BESS Measurement Period in question = 3 calendar months x \$1,000,000 = \$3,000,000

Liquidated damages = $[(1 - 0.950) \times 1] + [(0.950 - 0.850) \times 1.5] + [(0.850 - 0.750) \times 2] + [(0.750 - 0.65) \times 2.5]$ x Lump Sum Payment for the BESS Measurement Period in question

= $[0.05 + 0.15 + 0.2 + 0.25] \times \$3,000,000 = \$1,950,000$

- (b) BESS Capacity Termination Rights. The Parties acknowledge that, although the intent of the liquidated damages payable under Section 2.8(a) (BESS Capacity and Liquidated Damages) is to compensate Company for the damages that Company would incur if the Facility fails to demonstrate satisfaction of the BESS Capacity Performance Metric during a BESS Measurement Period, such liquidated damages are not intended to compensate

Company for the damages that Company would incur if a pattern of underperformance establishes a reasonable expectation that the Facility is likely to continue to substantially underperform the Company's expectations. Accordingly, and without limitation to Company's rights under said Section 2.8(a) (BESS Capacity and Liquidated Damages) for those BESS Measurement Periods during which the Facility fails to demonstrate satisfaction of the BESS Capacity Performance Metric, substantial underperformance shall give rise to a termination right as set forth in this Section 2.8(b) (BESS Capacity Termination Rights). If the Facility is in the Lowest BESS Capacity Bandwidth for any two BESS Measurement Periods during a 12-month period, an 18-month cure period (the "BESS Capacity Cure Period") will commence on the Day following the close of the second such BESS Measurement Period. For each BESS Measurement Period during such BESS Capacity Cure Period, BESS Capacity Tests shall continue to be conducted as set forth in Attachment W (BESS Tests) and liquidated damages paid and accepted as set forth in Section 2.8(a) (BESS Capacity and Liquidated Damages); provided, however, that if the Seller fails to demonstrate satisfaction of the BESS Capacity Performance Metric prior to the expiration of the BESS Capacity Cure Period, such failure shall constitute an Event of Default under Section 15.1(e) of this Agreement for which Company shall have the rights (including but not limited to the termination rights) set forth in Article 15 (Events of Default) and Article 16 (Damages in the Event of Termination by Company).

2.9 BESS Annual Equivalent Availability Factor; Liquidated Damages; Termination Rights.

- (a) BESS Annual Equivalent Availability Factor and Liquidated Damages. For each BESS Measurement Period following the Commercial Operations Date, a BESS Annual Equivalent Availability Factor shall be calculated as set forth in Attachment X (BESS Annual Equivalent Availability Factor). If the BESS Annual Equivalent Availability Factor for such BESS Measurement Period is less than **97%** (the "BESS EAF Performance Metric"), Seller shall pay, in accordance with Section 2.12 (Payment of Liquidated Damages for Failure to Achieve Performance Metrics; Limitation on Liquidated Damages),

and Company shall accept, as liquidated damages for such shortfall, the amount set forth in the following table (on a progressive basis) upon proper demand at the end of the current BESS Measurement Period:

BESS Annual Equivalent Availability Factor	Liquidated Damage Amount
Tier 1 85.0% - 96.9%	For each one-tenth of one percent (0.001) by which the BESS Annual Equivalent Availability Factor falls below 97% but equal to or above 85%, an amount equal to one-tenth of one percent (0.001) of the Lump Sum Payment for the BESS Measurement Period in question; plus
Tier 2 80.0% - 84.9%	For each one-tenth of one percent (0.001) by which the BESS Annual Equivalent Availability Factor falls below 85% but equal to or above 80%, an amount equal to two-tenths of one percent (0.002) of the Lump Sum Payment for the BESS Measurement Period in question; plus
Tier 3 75.0% - 79.9%	For each one-tenth of one percent (0.001) by which the BESS Annual Equivalent Availability Factor falls below 80% but equal to or above 75%, an amount equal to three-tenths of one percent (0.003) of the Lump Sum Payment for the BESS Measurement Period in question; plus
Tier 4 Below 75.0%	For each one-tenth of one percent (0.001) by which the BESS Annual Equivalent Availability Factor falls below 75%, an amount equal to

	four-tenths of one percent (0.004) of the Lump Sum Payment for the BESS Measurement Period in question.
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For purposes of determining liquidated damages under this Section 2.9(a) (BESS Annual Equivalent Availability Factor and Liquidated Damages), the BESS Annual Equivalent Availability Factor for the BESS Measurement Period in question shall be rounded to the nearest one-tenth of one percent (0.001). Each Party agrees and acknowledges that (i) the damages that Company would incur if the Seller fails to achieve the BESS EAF Performance Metric for a BESS Measurement Period would be difficult or impossible to calculate with certainty and (ii) the aforesaid liquidated damages are an appropriate approximation of such damages.

EXAMPLE: The following is an example calculation of liquidated damages for the BESS Annual Equivalent Availability Factor Performance Metric and is included for illustrative purposes only. Assume the following:

The monthly Lump Sum Payment is \$1,000,000

The BESS Annual Equivalent Availability Factor Performance Metric was calculated to be 72.9%.

Lump Sum Payment for the BESS Measurement Period in question = 3 calendar months x \$1,000,000 = \$3,000,000

Liquidated Damages = [((0.970-0.850)x1)+((0.850-0.800)x2)+((0.800-0.750)x3)+((0.750-0.729)x4)] x \$1,500,000

= [0.120 + 0.100 + 0.150 + 0.084] x \$3,000,000 = \$1,362,000

- (b) BESS Annual Equivalent Availability Factor Termination Rights. The Parties acknowledge that, although the intent of the liquidated damages payable under Section 2.9(a) (BESS Annual Equivalent Availability Factor and Liquidated Damages) is to compensate Company for the damages that Company would incur if the Seller fails to

achieve the BESS EAF Performance Metric for a BESS Measurement Period, such liquidated damages are not intended to compensate Company for the damages that Company would incur if a pattern of underperformance establishes a reasonable expectation that the Facility is likely to continue to substantially underperform the BESS EAF Performance Metric. Accordingly, and without limitation to Company's rights under said Section 2.9(a) (BESS Annual Equivalent Availability Factor and Liquidated Damages) for those BESS Measurement Periods during which the Seller failed to achieve the BESS EAF Performance Metric, the failure of the Seller to achieve, for each of four (4) consecutive BESS Measurement Periods, a BESS Annual Equivalent Availability Factor of not less than **75%** shall constitute an Event of Default under Section 15.1(f) of this Agreement for which Company shall have the rights (including but not limited to the termination rights) set forth in Article 15 (Events of Default) and Article 16 (Damages in the Event of Termination by Company); provided, however, that if a BESS Measurement Period for which the aforementioned 75% threshold is not achieved falls within a BESS Capacity Cure Period, such BESS Measurement Period shall be excluded from the calculation of the aforementioned "four (4) consecutive BESS Measurement Periods" if the failure to achieve the aforementioned 75% threshold was the result of unavailability caused by the process of carrying out the repairs to or replacements of the Facility and/or Storage Unit(s) necessary to remedy the failure of the Facility to achieve the BESS Capacity Performance Metric.

2.10 BESS Annual Equivalent Forced Outage Factor; Liquidated Damages; Termination Rights.

- (a) BESS Annual Equivalent Forced Outage Factor and Liquidated Damages. For each BESS Measurement Period following the Commercial Operations Date, a BESS Annual Equivalent Forced Outage Factor shall be calculated as set forth in Attachment Y (BESS Annual Equivalent Forced Outage Factor). If the BESS Annual Equivalent Forced Outage Factor for such BESS Measurement Period exceeds 4.0% (the "BESS EFOF Performance Metric"), Seller shall pay, in accordance with Section 2.12 (Payment of Liquidated Damages for Failure to Achieve Performance

Metrics; Limitation on Liquidated Damages), and Company shall accept, as liquidated damages for exceeding the BESS EFOF Performance Metric, the amount set forth in the following table (on a progressive basis) upon proper demand by the Company at the end of the BESS Measurement Period in question:

BESS Annual Equivalent Forced Outage Factor		Liquidated Damage Amount
Tier 1	0.0% - 4.0%	-0-
Tier 2	4.1% - 6.9%	For each one-tenth of one percent (0.001) that the BESS Annual Equivalent Forced Outage Factor is above 4.0% but less than 7.0%, an amount equal to two-tenths of one percent (0.002) of the Lump Sum Payment for the BESS Measurement Period in question; plus
Tier 3	7.0% and above	For each one-tenth of one percent (0.001) that the BESS Annual Equivalent Forced Outage Factor is above 6.9%, an amount equal to four-tenths of one percent (0.004) of the Lump Sum Payment for the BESS Measurement Period in question.

For purposes of determining liquidated damages under this Section 2.10 (BESS Annual Equivalent Forced Outage Factor; Liquidated Damages; Termination Rights), the BESS Annual Equivalent Forced Outage Factor for the BESS Measurement Period in question shall be rounded to the nearest one-tenth of one percent (0.001). Each Party agrees and acknowledges that (i) the damages that Company would incur if the Seller fails to achieve the BESS EFOF Performance Metric for a BESS Measurement Period would be difficult or impossible to calculate with certainty and (ii) the aforesaid liquidated damages are an appropriate approximation of such damages.

For example, if the BESS Equivalent Annual Forced Outage Factor was 4.1% as calculated in the example in Attachment Y (BESS Annual Equivalent Forced Outage Factor) to this Agreement and the Lump Sum Payment for the BESS Measurement Period in question is \$1,000,000, the liquidated damages would be \$2,000, calculated as follows:

$$\begin{aligned} 4.1\% - 4.0\% &= 0.1\% \\ 0.1\%/0.1 &= 1 \\ \$1,000,000 \times .002 &= \$2,000 \\ \$2,000 \times 1 &= \$2,000 \end{aligned}$$

- (b) BESS Annual Equivalent Forced Outage Factor Termination Rights. The Parties acknowledge that, although the intent of the liquidated damages payable under Section 2.10(a) (BESS Annual Equivalent Forced Outage Factor and Liquidated Damages) is to compensate Company for the damages that Company would incur if the Seller fails to maintain the BESS Annual Equivalent Forced Outage Factor in conformance with the BESS EFOF Performance Metric for a BESS Measurement Period, such liquidated damages are not intended to compensate Company for the damages that Company would incur if a pattern of underperformance establishes a reasonable expectation that the BESS is likely to continue to exceed the BESS EFOF Performance Metric. Accordingly, and without limitation to Company's rights under said Section 2.10(a) (BESS Annual Equivalent Forced Outage Factor and Liquidated Damages) for those BESS Measurement Periods during which the Facility fails to demonstrate satisfaction of the BESS EFOF Performance Metric, substantial underperformance shall give rise to a termination right as set forth in this Section 2.10(a) (BESS Annual Equivalent Forced Outage Factor and Liquidated Damages). If the BESS Annual Equivalent Forced Outage Factor is not in Tier 1 of the immediately preceding table for any two BESS Measurement Periods in a 12-month period, a 12-month cure period (the "BESS EFOF Cure Period") will commence on the Day following the close of the second such BESS Measurement Period. For each BESS Measurement Period during such BESS EFOF Cure Period, if the BESS Annual Equivalent Forced Outage Factor does not meet the BESS EFOF Performance Metric, e.g., the BESS Annual Equivalent Forced Outage Factor for any such BESS Measurement Period exceeds 4.0%, liquidated damages shall be paid and accepted as set forth in this Section

2.10 (BESS Annual Equivalent Forced Outage Factor; Liquidated Damages; Termination Rights); provided further, however, that if Seller fails to demonstrate satisfaction of the BESS EFOF Performance Metric at the expiration of the BESS EFOF Cure Period, such failure shall constitute an Event of Default under Section 15.1(j) of this Agreement for which Company shall have the rights (including but not limited to the termination rights) set forth in Article 15 (Event of Default) and Article 16 (Damages in the Event of Termination).

2.11 BESS Round Trip Efficiency; Liquidated Damages; Termination Rights.

- (a) RTE and Liquidated Damages. For each BESS Measurement Period following the Commercial Operations Date, the Facility shall be required to complete a RTE Test or otherwise demonstrate satisfaction of the RTE Performance Metric, as more fully set forth in Attachment W (BESS Tests) to this Agreement. For each BESS Measurement Period for which the Facility fails to demonstrate that it satisfies the RTE Performance Metric, Seller shall pay, in accordance with Section 2.12 (Payment of Liquidated Damages for Failure to Achieve Performance Metrics; Limitation on Liquidated Damages), and Company shall accept, as liquidated damages for such shortfall, in the amount to be calculated as provided in this Section 2.11(a) (RTE and Liquidated Damages), upon proper demand at the end the BESS Measurement Period in question.

The RTE Performance Metric is as set forth in the Project Specific Addendum. The RTE Performance Metric represents the lowest acceptable efficiency of the Facility for a full charge and discharge cycle as demonstrated as set forth in Attachment W (BESS Tests).

The liquidated damages threshold ("LDT") is equal to the RTE Performance Metric minus 2 percentage points.

Seller shall be liable for liquidated damages if:

$$(PM - RTE Ratio) > 2\%$$

Where:

PM = RTE Performance Metric stated as percentage

RTE Ratio = RTE Ratio from operational data or most recently completed RTE Test during the applicable BESS Measurement Period, measured in accordance with Attachment W (BESS Tests), stated as percentage

For each percentage point by which the RTE Ratio is below the LDT, Seller shall pay, and Company shall accept, liquidated damages in an amount equal to two-tenths of one percent (0.002) of the Lump Sum Payment for the BESS Measurement Period in question, in accordance with Section 2.12 (Payment of Liquidated Damages for Failure to Achieve Performance Metrics; Limitation on Liquidated Damages).

Each Party agrees and acknowledges that (i) the damages that Company would incur if the Seller fails to achieve the RTE Performance Metric for a BESS Measurement Period would be difficult or impossible to calculate with certainty and (ii) the aforesaid liquidated damages are an appropriate approximation of such damages.

- (b) RTE Termination Rights. The Parties acknowledge that, although the intent of the liquidated damages payable under Section 2.11(a) (RTE and Liquidated Damages) is to compensate Company for the damages that Company would incur if the Facility fails to demonstrate satisfaction of the RTE Performance Metric during a BESS Measurement Period, such liquidated damages are not intended to compensate Company for the damages that Company would incur if a pattern of underperformance establishes a reasonable expectation that the Facility is likely to continue to substantially underperform the Company's expectations. Accordingly, and without limitation to Company's rights under said Section 2.11(a) (RTE and Liquidated Damages) for those BESS Measurement Periods during which the Facility fails to demonstrate satisfaction of the RTE Performance Metric, substantial underperformance shall give rise to a termination right as set forth in this Section 2.11(b) (RTE Termination Rights). If the RTE Ratio for the BESS Measurement Period in question is more than 15 percentage points below the RTE Performance Metric for any two BESS Measurement Periods during a 12-month period, an **18-month** cure period (the "RTE Cure Period") will commence on the Day following the close of the second such BESS

Measurement Period. For each BESS Measurement Period during such RTE Cure Period, RTE Tests shall continue to be conducted as set forth in Attachment W (BESS Tests) and liquidated damages paid and accepted as set forth in Section 2.11(a) (RTE and Liquidated Damages); provided, however, that if the Seller fails to demonstrate satisfaction of the RTE Performance Metric prior to the expiration of the RTE Cure Period, such failure shall constitute an Event of Default under Section 15.1(g) of this Agreement for which Company shall have the rights (including but not limited to the termination rights) set forth in Article 15 (Events of Default) and Article 16 (Damages in the Event of Termination by Company).

2.12 Payment of Liquidated Damages for Failure to Achieve Performance Metrics; Limitation on Liquidated Damage.

(a) Payment of Performance Metrics LDs by Seller. With respect to the liquidated damages payable under Section 2.8(a) (BESS Capacity and Liquidated Damages), Section 2.9(a) (BESS Annual Equivalent Availability Factor and Liquidated Damages), Section 2.10 (BESS Annual Equivalent Forced Outage Factor; Liquidated Damages; Termination Rights) and Section 2.11 (BESS Round Trip Efficiency; Liquidated Damages; Termination Rights) (collectively, the "Performance Metrics LDs"), Company shall have the right, at any time on or after the LD Assessment Date for the liquidated damages in question, at Company's option, to set-off such liquidated damages from the amounts to be paid to Seller under Section 2.3 (Lump Sum Payment) of this Agreement or, to draw such liquidated damages from the Operating Period Security, as follows:

(i) [RESERVED]

(ii) [RESERVED]

(iii) if a Quarterly Report shows a failure to achieve one or more of the Performance Metrics required for the BESS Measurement Period that concludes with the most recent calendar month covered by such Quarterly Report, and Company does not submit a Notice of Quarterly Report Disagreement with respect to such Quarterly Report, the Company shall have the right to set-off or draw the amount of liquidated damages owed for such

failure as calculated as provided in Section 2.8(a) (BESS Capacity and Liquidated Damages), Section 2.9(a) (BESS Annual Equivalent Availability Factor and Liquidated Damages), Section 2.10 (BESS Annual Equivalent Forced Outage Factor; Liquidated Damages; Termination Rights) and Section 2.11 (BESS Round Trip Efficiency; Liquidated Damages; Termination Rights), as applicable;

- (iv) in all cases in which Company submits a Notice of Quarterly Report Disagreement for a given Quarterly Report, Company shall have the right to set-off or draw all or any portion of the amount of liquidated damages for the BESS Measurement Period in question, as calculated on the basis of the shortfall(s) in the achievement of the Performance Metric(s) in question, as shown in such Notice of Quarterly Report Disagreement; and
- (v) in the event of any disagreement as to the liquidated damages owed under this Section 2.12 (Payment of Performance Metric LDs by Seller):
 - (aa) if the amount set-off or drawn by the Company exceeds the amount of liquidated damages that are eventually found to be payable for the BESS Measurement Period(s) in question as determined under Section 2 (Quarterly Report Disagreements) or Section 4 (Independent AF Evaluator Process) of Attachment T (Quarterly Reporting and Dispute Resolution by Independent AF Evaluator) to this Agreement, Company shall promptly (and in no event more than forty-five (45) Business Days from the date of such determination) repay such excess to Seller together with, unless the Parties otherwise agree in writing, interest from the date of Company's set-off or draw until the date that such excess is repaid to Seller at the average Prime Rate for such period; and
 - (bb) if Company does not exercise its rights to set-off or draw liquidated damages for such BESS Measurement Period(s), or does not set-off or draw the full amount of the liquidated damages that are eventually found to be payable for the BESS Measurement Period(s) in

question as determined under Section 2 (Quarterly Report Disagreements) or Section 4 (Independent AF Evaluator Process) of Attachment T (Quarterly Reporting and Dispute Resolution by Independent AF Evaluator) to this Agreement, Seller shall promptly, upon such determination as aforesaid, pay to Company the amount of liquidated damages that are found to be owing together with, unless otherwise agreed by the Parties in writing, interest on the amount of such liquidated damages that went unpaid from the applicable LD Assessment Date for such liquidated damages until the date such liquidated damages are paid to Company in full at the average Prime Rate for such period, and Company shall have the right, at its option, to set-off such interest from the amounts to be paid to Seller under Section 2.3 (Lump Sum Payment) of this Agreement or to draw from the Operating Period Security.

Any delay by Company in exercising its rights to set-off liquidated damages and/or interest from the amounts to be paid to Seller under Section 2.3 (Lump Sum Payment) of this Agreement or to draw such liquidated damages and/or interest from the Operating Period Security shall not constitute a waiver by Company of its right to do so.

- (b) Limitation on Liquidated Damages. Notwithstanding any other provision of this Agreement to the contrary, the aggregate liquidated damages paid by Seller during each Contract Year for the Performance Metrics LDs, such payments by Seller to include but not be limited to any set-offs or draws made by Company during such Contract Year pursuant to Section 2.12(a) (Payment of Performance Metrics LDs by Seller), shall not exceed the total of the twelve (12) monthly Lump Sum Payments payable during such Contract Year pursuant to Section 2.3 (Lump Sum Payment) and Section 2.17 (Payment Procedures). For avoidance of doubt: A monthly Lump Sum Payment that is payable for, e.g., the twelfth (12th) calendar month of Contract Year N, is to be invoiced by Seller to Company pursuant to Section 2.16 (Seller's Preparation of the Monthly Invoice) during the first month following

Contract Year N and paid by Company to Seller during the second month following Contract Year N pursuant to Section 2.17 (Payment Procedures), and, thus, for purposes of determining the limitation on Performance Metrics LDs under this Section 2.12(b) (Limitation on Liquidated Damages), shall be included in the total of the twelve (12) monthly Lump Sum Payments payable during the Contract Year that immediately follows Contract Year N. As a result of the foregoing, the total of the monthly Lump Sum Payments used to establish the limitation on Performance Metrics LDs for the initial Contract Year under this Section 2.12(b) (Limitation on Liquidated Damages) will be less than twelve (12). The Parties acknowledge that, because the monthly Lump Sum Payment is subject to adjustment (including downward adjustment) as provided in Section 2.3 (Lump Sum Payment), it is possible that a downward adjustment in some or all of the monthly Lump Sum Payments payable during a Contract Year might cause the Performance Metrics LDs paid by Seller during the course of such Contract Year to exceed the limitation on the Performance Metrics LDs for such Contract Year established at the close of such Contract Year pursuant to the first sentence of this Section 2.12(b) (Limitation on Liquidated Damages). In such case, Company shall promptly upon the determination that the Performance Metrics LDs paid during the course of such Contract Year exceeded the limitation on Performance Metrics LDs for such Contract Year (and in no event more than forty-five (45) Business Days from the end of such Contract Year) repay such excess amount to Seller without interest.

2.13 Outage Costs.

- (a) Seller Outage. Seller shall bear the costs for all Energy that was lost from the Facility during a BESS Outage, as defined in Attachment X (BESS Annual Equivalent Availability Factor), with such costs to be based on the Energy Cost Recovery Factor and as calculated below (the "Outage Energy Cost"):

$$\text{Outage Energy Cost} = [\text{Pre-Outage Discharge Energy (kWh)} - \text{Post-Outage Discharge Energy (kWh)}] \times [\text{Energy Cost Recovery Factor (cents/kWh)}]$$

Where:

Pre-Outage Discharge Energy = the total kWh of Energy stored at the Facility and available for discharge in accordance with Company Dispatch immediately prior to the beginning of the Outage

Post-Outage Discharge Energy = the total kWh of Energy stored at the Facility and available for discharge in accordance with Company Dispatch immediately following the end of the Outage

Energy Cost Recovery Factor is defined in the Schedule of Defined Terms.

Example:

A BESS Outage occurs in the month of October 2021.

The Pre-Outage Discharge Energy = 200 kWh.

The Post-Outage Discharge Energy = 190 kWh.

The Energy Cost Recovery Factor = 18.447 cents (or \$0.18447), pursuant to Company's September 28, 2021 "Hawai'i Electric Light Energy Cost Recovery Factor" filing submitted to the PUC, which specifies an Energy Cost Recovery Factor of 18.447 cents per kWh.

Outage Energy Cost = [200 kWh -190 kWh] x 18.447 cents/kWh = 184.47 cents (\$1.85)

For billing purposes, during full Facility outages, revenue meter readings shall be taken at the start of the BESS Outage and upon completion of the BESS Outage.

- (b) Outage Due to Company Request. Seller shall not be required to restore any Energy available for discharge that was lost during an outage requested by the Company for reasons other than Seller-Attributable Unavailability; provided, however, that Seller shall mitigate any losses of Energy due to such an outage such that losses are limited to the Facility's standby consumption, specifically, no more than () kWh per twenty-four (24) hours of outage duration. If Energy losses of more than () kWh are due to Seller's failure to use commercially reasonable efforts to mitigate all such Energy losses, Seller shall bear the

costs of any Energy lost in excess of () kWh per twenty-four (24) hours of outage duration, with such costs to be based on the Energy Cost Recovery Factor and as calculated below ("Excess Standby Consumption Cost").

[Drafting Note: Parties to determine the amount of standby consumption losses based on project design.]

Excess Standby Consumption Cost = [Pre-Outage Discharge Energy (kWh) - Post-Outage Discharge Energy (kWh) - [Allowed Losses (kWh/hour) × Outage Duration (hours)]] × [Energy Cost Recovery Factor (cents/kWh)]

Where:

Pre-Outage Discharge Energy = the total kWh of Energy stored at the Facility and available for discharge in accordance with Company Dispatch immediately prior to the beginning of the outage

Post-Outage Discharge Energy = the total kWh of Energy stored at the Facility and available for discharge in accordance with Company Dispatch immediately following the end of the outage

Allowed Losses = () kWh per 24 hours, or the total kWh of Energy permitted as losses per twenty-four (24) hours of outage duration due to the Facility's standby consumption in accordance with Section 2.13(b) (Outage Due to Company Request).

Outage Duration = the total duration of the outage in hours

Energy Cost Recovery Factor is defined in the Schedule of Defined Terms.

Example:

An outage occurs at the request of the Company for reasons other than Seller-Attributable Unavailability in the month of October 2021 and lasts for 72 hours. Seller fails to use commercially reasonable efforts to mitigate losses of Energy in excess of () kWh/24-hour period.

Pre-Outage Discharge Energy = 20,000 kWh

Post-Outage Discharge Energy = 14,000 kWh

Allowed Losses = () kWh/24 hours

Outage Duration = 72 hours

The Energy Cost Recovery Factor = 18.447 cents (or \$0.18447), pursuant to Company's September 28, 2021 "Hawai'i Electric Light Energy Cost Recovery Factor" filing submitted to the PUC, which specifies an Energy Cost Recovery Factor of 18.447 cents per kWh.

Excess Standby Consumption Cost = [20,000 kWh - 14,000 kWh - (() kWh/24 hours) × 72 hours] × 18.447 cents/kWh = () cents (\$).

- 2.14 Sales of Electric Energy by Company to Seller. Sales of electric energy by Company to Seller shall be governed by an applicable rate schedule filed with the PUC and not by this Agreement, except with respect to the reactive amount adjustment (if any) referred to in Attachment B (Facility Owned by Seller).
- 2.15 [RESERVED]
- 2.16 Seller's Preparation of the Monthly Invoice. By the tenth (10th) Business Day of each calendar month, Seller shall submit to Company an invoice that separately states the following for the preceding calendar month: (i) the monthly Lump Sum Payment for the preceding calendar month; and (ii) the monthly metering charge as set forth in Article 7 (Seller Payments) of this Agreement.
- 2.17 Payment Procedures. By the twentieth (20th) Business Day of each calendar month following the month during which the invoice was submitted (i.e., by the twentieth (20th) Business Day of the second calendar month following the calendar month covered by the invoice in question), but, except as otherwise provided in the following sentence, no later than the last Business Day of that month if there are less than twenty (20) Business Days in that month, Company shall, subject to Company's right to set-off liquidated damages as provided in Section 2.12 (Payment of Liquidated Damages for Failure to Achieve Performance Metrics; Limitation on Liquidated Damages) of this Agreement, make payment on such invoice, or provide to Seller an itemized statement of its objections to all or any portion of such invoice and pay any

undisputed amount. Notwithstanding the foregoing, the Day by which the Company shall make payment to Seller hereunder shall be increased by one (1) Day for each Day that Seller is delinquent in providing to the Company either: (i) the Quarterly Report for the BESS Measurement Period in question pursuant to Section 1 (Quarterly Report) of Attachment T (Quarterly Reporting and Dispute Resolution by Independent AF Evaluator) to this Agreement; or (ii) the information required under Section 2.16 (Seller's Preparation of the Monthly Invoice) of this Agreement.

2.18 Late Payments. Notwithstanding all or any portion of such invoice in dispute, and subject to the provisions of Section 2.12(a)(iii) of this Agreement (to the extent applicable), interest shall accrue on any invoiced amount that remains unpaid following the twentieth (20th) Business Day of each calendar month (or the last Business Day of that month if there are less than twenty Business Days in that month), or following the due date for such payment if extended pursuant to Section 2.17 (Payment Procedures), at the average daily Prime Rate for the period commencing on the Day following the Day such payment is due until the invoiced amounts (or amounts due to Seller if determined to be less than the invoiced amounts) are paid in full. Partial payments shall be applied first to outstanding interest and then to outstanding invoice amounts.

2.19 Adjustments to Invoices After Payment. In the event adjustments are required to correct inaccuracies in an invoice after payment, the Party requesting adjustment shall recompute and include in the Party's request the principal amounts due during the period of the inaccuracy together with the amount of interest from the date that such invoice was payable until the date that such recomputed amount is paid at the average daily Prime Rate for the period. The difference between the amount paid and that recomputed for the invoice, along with the allowable amount of interest, shall either be (i) paid to Seller or set-off by Company, as appropriate, in the next invoice payment to Seller, or (ii) objected to by the Party responsible for such payment within thirty (30) Days following its receipt of such request. If the Party responsible for such payment objects to the request, then the Parties shall work together in good faith to resolve the objection. If the Parties are unable to resolve the objection, the matter shall, except to the extent otherwise provided in Section 28.3 (Exclusions), be

resolved pursuant to Article 28 (Dispute Resolution). All claims for adjustments shall be waived for any amounts that were paid or should have been payable more than thirty-six (36) months preceding the date of receipt of any such request.

- 2.20 Company's Billing Records. Seller, after giving reasonable advance written notice to Company, shall have the right to review all billing, metering and related records necessary to verify the accuracy of payments relating to the Facility during Company's normal working hours on Business Days. Company shall maintain such records for a period of not less than thirty-six (36) months.

ARTICLE 3
FACILITY OWNED AND/OR OPERATED BY SELLER

- 3.1 The Facility. Seller agrees to furnish, install, operate, and maintain the Facility in accordance with the provisions of this Agreement, including, without limitation, the operating procedures and performance standards as more fully described in Attachment B (Facility Owned by Seller). After the Commercial Operations Date, Seller agrees that no changes or additions to the Facility shall be made without prior written approval by Company and amendment to the Agreement unless such changes or additions to the Facility could not reasonably be expected to have a material effect on the assumptions used in performing the IRS.
- 3.2 Allowed Capacity. The maximum instantaneous active power (MW) from the Facility may exceed the BESS Contract Capacity. Company may dispatch up to Dispatch Limits in accordance with Article 8 (Company Dispatch) and Attachment B (Facility Owned by Seller). Company may limit the net instantaneous MW output of the Facility pursuant to, but not limited to, Article 8 (Company Dispatch), Article 9 (Personnel and System Safety), Article 25 (Good Engineering and Operating Practices), and Attachment B (Facility Owned by Seller). Company shall not be required to pay for any Discharge Energy.
- 3.3 Point of Interconnection. The Point of Interconnection is shown on Attachment E (Single-Line Drawing and Interface Block Diagram), as provided in Section 1(a)(i) (Single-Line Drawing, Interface Block Diagram, Relay List, Relay Settings and Trip Scheme) of Attachment B (Facility Owned by Seller). The Point of Interconnection will be at the voltage level of the Company System. If it is necessary to step up the voltage at which Seller's electric energy is delivered to Company System, the Point of Interconnection will be on the high voltage side of the step-up transformer.

ARTICLE 4
COMPANY-OWNED INTERCONNECTION FACILITIES

The terms and conditions related to the Company-Owned Interconnection Facilities are set forth in Attachment G (Company-Owned Interconnection Facilities) of this Agreement. In accordance with Section 8 (Transfer of Ownership/Title) of Attachment G (Company-Owned Interconnection Facilities), on the Transfer Date, Seller shall convey title to the Company-Owned Interconnection Facilities that were designed and constructed by or on behalf of Seller by executing a Bill of Sale and Assignment document substantially in the form set forth in Attachment H (Form of Bill of Sale and Assignment). In addition, in accordance with Section 8 (Transfer of Ownership/Title) of Attachment G (Company-Owned Interconnection Facilities) on the Transfer Date, Seller shall deliver to Company any and all executed documents required to assign all Land Rights necessary to operate and maintain the Company-Owned Interconnection Facilities on and after the Transfer Date to Company, which documents shall be substantially in the form set forth in Attachment I (Form of Assignment of Lease and Assumption).

ARTICLE 5
MAINTENANCE RECORDS AND SCHEDULING

5.1 Operating Records.

- (a) Seller's Logs. Seller shall maintain, at least daily, a log in which it shall record all pertinent data that will indicate whether the Facility is being operated in accordance with Good Engineering and Operating Practices. These data logs shall include, but not be limited to, information on charging and discharging, electric energy consumption and efficiency, the electrical characteristics of each Storage Unit (including settings or adjustments of such Storage Unit(s) control equipment/power conversion system and protective devices), all maintenance and inspection work performed at the Facility, circuit breaker trip operations, relay operations including target indications, megavar and megawatt recording charts (and/or equivalent computer records), all unusual conditions experienced or observed and any reduced capability and the reasons therefor and duration thereof. For each inverter, the data reported shall include planned derated hours, unplanned derated hours, average derated kW during the derated hours, scheduled maintenance hours, average derated kW during scheduled maintenance hours, hours on-control and hours on-line. Company shall have the right, upon reasonable notice and during regular Business Day hours to review and copy such data logs; provided, that if such logs reveal any inconsistency with Company's records, Company may request and review Seller's supporting records, correspondence, memoranda and other documents or electronically recorded data associated with such logs related to the operation and maintenance of the Facility in order to resolve such inconsistency.
- (b) Company Access to Seller's Logs. Seller shall provide Company access to Seller's records which identify the priority, as internally assigned by Seller, of specific preventive or corrective maintenance activities. These records shall include items for which Seller has deferred the inspection or corrective action to a future scheduled plant outage. In addition, Seller shall provide copies of applicable correspondence between Seller and its insurer(s) for the Facility equipment

pertaining to Seller's maintenance practices and Seller's procedures and scheduling (including deferral) of maintenance at the Facility.

- (c) Time Period for Maintaining Records. Any and all records, correspondence, memoranda and other documents or electronically recorded data related to the operation and maintenance of the Facility shall be maintained by Seller for a period of not less than six (6) years.

5.2 Maintenance Records.

- (a) Seller's Summary of Maintenance and Inspection Performed. Prior to February 1 of each calendar year, Seller shall submit to Company for inspection at the Site, a summary in a format similar to the example provided in Attachment V (Summary of Maintenance and Inspection Performed in Prior Calendar Year) of all maintenance and inspection work performed in the prior calendar year, and of all conditions experienced or observed during such calendar year that may have a material adverse effect on or may materially impair the short-term or long-term operation of the Facility at the operational levels contemplated by this Agreement. The summary shall present the requested data in a meaningful and informative manner consistent with the cooperative exchange of information between the Parties. If available and practicable, such summary shall be provided in electronic format with sufficient software so that Company can group activities for specific process areas of the Facility and be able to view the maintenance history of a specific equipment item. Such summary shall also include Seller's proposals for correcting or preventing recurrences of identified equipment problems and for performing such other maintenance and inspection work as is required by Good Engineering and Operating Practices.
- (b) Company's Written Recommendations. Within sixty (60) Days of receiving such summary, and after any reasonable inspection desired by Company of the Facility and consultation with Seller, in the event there are issues identified that may have a material adverse effect on or may materially impair the short-term or long-term operation of the Facility at the operational levels contemplated by this Agreement, for purposes of

addressing such issues, Company may provide written recommendations for specific operation or maintenance actions or for changes in the operation or maintenance program of the Facility. Company's making or failing to make such recommendations shall not be construed as endorsing the operation and maintenance thereof or as any warranty of the safety, durability or reliability of the Facility nor as a waiver of any Company right. If Seller agrees with Company, Seller shall, within a reasonable time after Company makes such recommendations, not to exceed ninety (90) Days (or such longer period as reasonably agreed to by the Parties), implement Company's recommendations. If Seller disagrees with Company, it shall within ten (10) Days inform Company of alternatives it will take to accomplish the same intent, or provide Company with a reasonable explanation as to why no action is required by Good Engineering and Operating Practices. If Company disagrees with Seller's position, and if, for each of the three preceding Contract Years, the BESS Annual Equivalent Availability Factor was less than **94%** and/or the BESS Capacity Ratio was less than the Tier 1 bandwidth under Section 2.8(a) (BESS Capacity and Liquidated Damages) for such Contract Years, then the parties shall commission a study by a Qualified Independent Consultant selected from among the entities listed in Attachment D (Consultants List) to this Agreement and the Qualified Independent Consultant will make a recommendation to remedy the situation. Seller shall abide by the Qualified Independent Consultant's recommendation contained in such study. Both Parties shall equally share in the cost for the Qualified Independent Consultant. However, Seller shall pay all costs associated with implementing the recommendation contained in the Independent Consultant's report. Notwithstanding the foregoing, Seller shall not be required to comply with any recommendations that, in Seller's reasonable judgment, will violate or void any warranties of equipment that is a part of, or used in connection with, the Facility or violate any long-term service agreement, or conflict with any written requirements, specifications or operating parameters of the manufacturer, with respect to such equipment, in which case Seller shall promptly notify Company thereof, and Seller and Company shall endeavor to reach a

mutually satisfactory resolution of the matter in question.

- 5.3 Seller's Quarterly Maintenance Schedule. By each March 1st, June 1st, September 1st and December 1st (as applicable, subsequent to the Commercial Operations Date), Seller shall provide to Company in writing a projection of maintenance outages and reductions in capacity for the next calendar quarter, including the estimated MW that is anticipated to be off-line for each projected maintenance event. Seller shall provide Company with prompt written notice of any deviation from its quarterly maintenance schedule, but in any case Seller shall provide such written notice not less than one (1) week prior to commencing any such rescheduled maintenance event. During any scheduled or rescheduled maintenance event, Seller shall provide updates to Company's operating personnel in the event there are any delays or changes to the proposed schedule, and shall promptly respond to any requests from Company for updates regarding the status of such maintenance event.
- 5.4 Seller's Annual Maintenance Schedule. In addition, Seller shall submit to Company by June 30 of each year a written schedule for the next two-year period, beginning with January of the following year, of maintenance outages which will reduce the capacity of the Facility by an amount equal to or greater than the MW value determined as set forth in the Project Specific Addendum with reference to this Section 5.4 (Seller's Annual Maintenance Schedule) or more. The schedule shall state the proposed dates and durations of scheduled maintenance, including the scope of work for the maintenance requiring shutdown or reduction in output of the Facility and the estimated MW that is anticipated to be off-line for each projected maintenance event. Company shall review the maintenance schedule for the two-year period and inform Seller in writing no later than December 1 of the same year of Company's concurrence or requested revisions; provided, however, that Seller shall not be required to agree to any proposed revisions that, in Seller's judgment, will void or violate any warranties of equipment that is part of, or used in connection with, the Facility or violate any long-term service agreement with respect to such equipment, in which case Seller shall promptly notify Company thereof, and Seller and Company shall endeavor to reach a mutually satisfactory resolution of the matter in question. With respect to such agreed upon revisions,

Seller shall revise its schedule for timing and duration of scheduled shutdowns and scheduled reductions of output of the Facility to accommodate Company's revisions, unless such revisions would not be consistent with Good Engineering and Operating Practices, and make all commercially reasonable efforts, consistent with Good Engineering and Operating Practices, to accommodate any subsequent changes in such schedule reasonably requested by Company.

5.5 Seller's Notification Obligations. When Seller learns that any of its equipment will be removed from or returned to service, and any such removal or return may affect the ability of the Facility to make the Energy Storage Services available to Company, Seller shall notify Company as soon as practicable. Seller shall coordinate the scheduling of all planned maintenance outages with the Company to ensure all such outages occur at times when Company's System is at low risk, as determined by Company, for requiring any of the Energy Storage Services from the Facility. Seller shall also work with Company to limit maintenance outages, when possible, to partial outages of the Facility instead of a total Facility outage.

5.6 Operating and Maintenance Manuals. Not later than the Commercial Operation Date, Seller shall provide Company with (i) any and all manufacturer's equipment manuals and recommendations for maintenance and with any updates or supplements thereto within three (3) Business Days after Seller's receipt of same and (ii) a copy of the operating and maintenance manual and shall thereafter provide Company with any amendments thereto within three (3) Business Days after such amendment is adopted. In addition, throughout the Term, Seller shall deliver to Company, promptly upon Seller's receipt of the same, any reports, studies or assessments of the Facility prepared by an independent engineer for the benefit of the Seller.

ARTICLE 6
MONITORING

6.1 [RESERVED]

6.2 Monitoring and Communication Equipment. Seller shall install and maintain appropriate equipment (the "Monitoring and Communication Equipment") for the purposes of (i) measuring the data required in order for Company to monitor Seller's compliance with the operational and performance standards set forth in Section 3 (Performance Standards) of Attachment B (Facility Owned by Seller) and, if the monitoring equipment is part of the Company-Owned Interconnection Facilities, as set forth in Attachment G (Company-Owned Interconnection Facilities), and (ii) recording and transferring such data to Company in real time. Seller shall maintain at the Site sufficient replacement parts for the Monitoring and Communication Equipment to avoid or otherwise minimize any shutdown of the Facility pursuant to Section 6.4 (Shutdown For Lack of Reliable Real Time Data) of this Agreement while any of the Monitoring and Communication Equipment is being repaired, replaced or re-calibrated.

6.3 Calibrations, Maintenance and Repairs.

(a) Documentation Requirement. Seller shall provide to Company (i) the manufacturer's recommended schedule for the calibration and maintenance of each component of the Monitoring and Communication Equipment and (ii) subject to the limitation set forth in Section 1(a)(ii) (As-Builts) of Attachment B (Facility Owned by Seller) of this Agreement, documentation of the performance of all such calibration and maintenance per manufacturer specifications. Although Company is to receive from Seller the aforesaid recommended schedules for calibration and maintenance, as well as documentation of the performance of all such calibration and maintenance, Company shall have no responsibility to monitor Seller's compliance with such calibration and maintenance schedules. Accordingly, any failure by Company to bring Seller's attention any apparent failure by Seller to perform such recommended calibration and maintenance shall neither relieve Seller of its obligations under this Agreement to perform such calibration and maintenance nor constitute a waiver of Company's rights

under this Agreement with respect to such failure in performance by Seller.

- (b) Corrective Measures. In the event of a pattern of material inconsistencies in the data stream provided by the Monitoring and Communication Equipment, Seller shall perform, at Seller's expense, such corrective measures as Company may reasonably require, such as the recalibration of all field measurement device components of the Monitoring and Communication Equipment.
- (c) Repairs. In the event of any failure in the Monitoring and Communication Equipment, Seller shall repair or replace such equipment within fifteen (15) Days of such failure, or within such longer period as may be reasonably agreed to by the Parties.

6.4 Shutdown For Lack of Reliable Real Time Data. Because the availability to the Company System Operator of reliable information in real time via SCADA is necessary in order for Company to effectively optimize the benefit of its right of Company Dispatch, Company shall have the right to direct Seller to shutdown the Facility due to the unavailability of such reliable real time data. In addition, in the event of the performance of corrective measures (including recalibration) and/or repairs to any Monitoring and Communication Equipment pursuant to Section 6.3(b) (Corrective Measures) or Section 6.3(c) (Repairs), Company shall have the right to direct Seller to shutdown the Facility and the Facility shall remain shutdown until such corrective action is completed. In the event the cause for any shutdown in this Section 6.4 (Shutdown For Lack of Reliable Real Time Data) falls within the definition of Seller-Attributable Unavailability, such period of time shall be allocated as such for purposes of calculating the BESS Annual Equivalent Availability Factor under Section 2.9(a) (BESS Annual Equivalent Availability Factor and Liquidated Damages) of this Agreement until such time as the successful completion of such corrective measures and/or repairs has been communicated by Seller to Company. If, after such communication, Company attempts to dispatch the Facility and determines that such corrective measures and/or repairs were not successfully completed, all time from the notice of successful completion to actual successful completion shall be revised as continuance of the deration or outage. Notwithstanding the foregoing, if Seller requests in writing

for confirmation that the Facility's data is available to Company, then Company shall use reasonable efforts to respond to such request within three (3) Business Days in writing (with E-mail being acceptable) confirming that either (1) the Facility's data is available to Company (at which point no additional time after such request shall count as Seller-Attributable Unavailability), or (2) the Facility's data is not available so that Seller can take further appropriate corrective actions.

6.5 [RESERVED]

6.6 [RESERVED]

ARTICLE 7
SELLER PAYMENTS

Seller shall pay to Company (i) all amounts pursuant to Attachment G (Company-Owned Interconnection Facilities), (ii) all amounts pursuant to Section 10.1 (Meters) and Section 10.2 (Meter Testing), (iii) a monthly metering charge of \$25.00 per month, which is in addition to any charges due Company pursuant to the applicable rate schedule pursuant to Section 2.14 (Sales of Electric Energy By Company to Seller) of this Agreement and (iv) such other costs to be incurred by Company and reimbursed by Seller as set forth in this Agreement.

ARTICLE 8
COMPANY DISPATCH

- 8.1 General. Consistent with Company Dispatch, Company shall have the right to dispatch all aspects of the Energy Storage Services, at any time, as it deems appropriate in its reasonable discretion, subject only to and consistent with the restrictions set forth in Section 9(d) of Attachment B (Facility Owned by Seller), Good Engineering and Operating Practices, the requirements set forth in Section 3 (Performance Standards) of Attachment B (Facility Owned by Seller) of this Agreement and Seller's maintenance schedule determined in accordance with Article 5 (Maintenance Records and Scheduling). Seller shall make the full capability of the Facility available for Company to discharge (export) or charge (import) MW to/from the Company System, in accordance with Company Dispatch.
- 8.2 Company Dispatch. Company Dispatch will either be by Seller's manual control under the direction of the Company System Operator or by remote computerized control by the EMS provided in Section 1(g) (Active Power Control Interface) of Attachment B (Facility Owned by Seller), in each case at Company's reasonable discretion.
- 8.3 Company Rights of Dispatch. Company may require derating or outage in response to the Facility's failure to comply with Company Dispatch or to any conditions of Seller-Attributable Unavailability. A derating or outage required by Company pursuant to the preceding sentence shall be considered Seller-Attributable Unavailability and, until the conditions that led to the derating or outage are resolved by Seller and Seller notifies Company of the same, any such derating or outage shall "count against" Seller for the purpose of calculating the BESS Annual Equivalent Availability Factor and BESS Annual Equivalent Forced Outage Factor. If, after such notification, Company attempts to dispatch the Facility and determines that such conditions that led to the derating or outage are not resolved, all time from the notice of resolution to actual resolution shall be revised as continuance of the derating or outage until the conditions that led to such outage or derating are resolved by Seller to Company's reasonable satisfaction. If Seller requests confirmation from Company that Seller's actions to resolve such conditions that led to the derating or outage were successfully completed, then Company shall use reasonable

efforts to respond to such request within three (3) Business Days in writing (with E-mail being acceptable) to allow Seller the opportunity to take further appropriate corrective actions if needed. Nothing in this Section 8.3 (Company Rights of Dispatch) shall relieve Seller of its obligation under the terms of this Agreement to make available the full capability of the Facility for Company Dispatch.

- 8.4 Quarterly Report. Commencing with the month during which the Commercial Operations Date is achieved, and for each BESS Measurement Period thereafter during the Term, Seller shall prepare and provide to Company a Quarterly Report by the tenth (10th) Business Day of the following month in accordance with Section 1 (Quarterly Report) of Attachment T (Quarterly Reporting and Dispute Resolution by Independent AF Evaluator) of this Agreement. Beginning with the Quarterly Report for the last BESS Measurement Period of the initial Contract Year, Seller shall include calculations of (a) the BESS Capacity Ratio, the BESS Annual Equivalent Availability Factor, the BESS Annual Equivalent Forced Outage Factor and the RTE Ratio for the BESS Measurement Period, as well as (b) any liquidated damages to be assessed, as set forth in the form of Quarterly Report set forth in Section 1 (Quarterly Report) of said Attachment T (Quarterly Reporting and Dispute Resolution by Independent AF Evaluator). The rights and obligations of the Parties with respect to each Quarterly Report and any disagreements arising out of any Quarterly Report are set forth in Section 1 (Quarterly Report), Section 2 (Quarterly Report Disagreements) and Section 4 (Independent Evaluator Process) of Attachment T (Quarterly Reporting and Dispute Resolution by Independent AF Evaluator) to this Agreement.

ARTICLE 9
PERSONNEL AND SYSTEM SAFETY

Notwithstanding any other provisions of this Agreement, if at any time Company determines that the Facility may endanger Company's personnel, and/or the continued operation of the Facility may endanger the integrity of the Company System or have an adverse effect on Company's other customers' electric service, Company shall have the right to disconnect the Facility from the Company System, as determined in the sole discretion of the Company System Operator. The Facility shall immediately comply with the dispatch instruction, which may be initiated through remote control, and shall remain disconnected (and in Seller-Attributable Unavailability status if so determined), until such time as Company is satisfied that the condition(s) referred to above have been corrected. If Company disconnects the Facility from the Company System for personnel or system safety reasons, it shall as soon as practicable notify Seller by telephone, and thereafter make reasonable efforts to confirm, in writing (with E-mail being acceptable), within three (3) Days of the disconnection, the reasons for the disconnection. If the reason for the disconnection constitutes Seller-Attributable Unavailability, Company will notify Seller (1) whether the conditions resulting in such disconnection have been resolved (in which case no additional time after such confirmation shall count as Seller-Attributable Unavailability); or (2) that conditions resulting in such disconnection have not been resolved so that Seller can take such appropriate corrective actions. Seller shall notify Company in writing when such corrective action has been completed; provided, however, that Seller shall remain in Seller-Attributable Unavailability until Company is satisfied that the condition resulting in the disconnection has been corrected. Company shall use reasonable efforts to inspect such corrective measures (if necessary) and confirm the resolution of such condition within three (3) Business Days after Seller's notification.

ARTICLE 10
METERING

- 10.1 Meters. Company shall purchase, own, install and maintain the Revenue Metering Package dedicated exclusively to the Facility and by which all measurable aspects of the Energy Storage Services must be measured to be eligible for payment under this Agreement. The metering point shall be located as close as possible to the Point of Interconnection as allowed by Company. Seller shall make available a mutually agreeable location for the Revenue Metering Package, to measure the Discharge Energy and the Charging Energy. Seller shall separately meter Station Use with the Station Use Metering Equipment, and shall cause the installation, maintenance, operation and replacement (as needed) of the Station Use Metering Equipment. Seller will design, construct, and operate the Facility such that (i) no Station Use is measured and served via the Revenue Metering Package; and (ii) Energy Storage Services do not serve Station Use. Seller shall install, own and maintain the infrastructure and other related equipment associated with the Revenue Metering Package and the Station Use Metering Equipment, including but not limited to all enclosures (meter cabinets, meter pedestals, meter sockets, pull boxes, and junction boxes, along with their grounding/bonding connections), CT/PT mounting structures, conduits and ductlines, enclosure support structures, ground buses, pads, test switches, terminal blocks, isolation relays, telephone surge suppressors, and analog phone lines (one per meter), subject to Company's review and approval, as further described in Section 1(e) (Other Equipment) of Attachment B (Facility Owned by Seller). The Seller shall install this infrastructure such that it meets the requirements set forth in Chapter Six (IPP Metering) of the latest edition of the Company's Electric Service Installation Manual (ESIM). Company shall test such revenue meter prior to installation and shall test such revenue meter every fifth (5th) year. Seller shall reimburse Company for all reasonably incurred costs for the procurement, installation, maintenance (including maintenance replacements) and testing work associated with the Revenue Metering Package and the Station Use Metering Equipment.
- 10.2 Meter Testing. Company shall provide at least twenty-four (24) hours' notice to Seller prior to any test it may perform on the revenue meters or metering equipment. Seller

shall have the right to have a representative present during each such test. Seller may request, and Company shall perform, if requested, tests in addition to the every fifth-year test and Seller shall pay the cost of such tests. Company may, in its sole discretion, perform tests in addition to the fifth-year test and Company shall pay the cost of such tests. If any of the revenue meters or metering equipment is found to be inaccurate at any time, as determined by testing in accordance with this Section 10.2 (Meter Testing), Company shall promptly cause such equipment to be made accurate, and the period of inaccuracy, as well as an estimate for correct meter readings, shall be determined in accordance with Section 10.3 (Corrections).

- 10.3 Corrections. If any test of revenue meters or metering equipment conducted by Company indicates that the revenue meter readings are in error by one percent (1%) or more, the revenue meters or meter readings shall be corrected as follows: (i) determine the error by testing the revenue meter at approximately ten percent (10%) of the rated current (test amperes) specified for such revenue meter; (ii) determine the error by testing the revenue meter at approximately one hundred percent (100%) of the rated current (test amperes) specified for the revenue meter; (iii) the average meter error shall then be computed as the sum of (aa) one-fifth (1/5) of the error determined in the foregoing clause "(i)" and (bb) four-fifths (4/5) of the error determined in the foregoing clause "(ii)". The average meter error shall be used to adjust the invoices in accordance with Section 2.19 (Adjustment to Invoices After Payment) for the Energy Storage Services made available to Company for the previous six (6) months from Facility, unless records of Company conclusively establish that such error existed for a greater or lesser period, in which case the correction shall cover such actual period of error.

ARTICLE 11
GOVERNMENTAL APPROVALS, LAND RIGHTS AND COMPLIANCE WITH LAWS

- 11.1 Governmental Approvals for Facility. Seller shall obtain, at its expense, any and all Governmental Approvals required for the construction, ownership, operation and maintenance of the Facility and the interconnection of the Facility to the Company System. Under no circumstance shall Seller commence any construction, operation or maintenance of the Facility or interconnection of the Facility to the Company System, without first obtaining the required, applicable Governmental Approvals.
- 11.2 Land Rights for Facility. Seller shall obtain, at its expense, any and all Land Rights required for the construction, ownership, operation and maintenance of the Facility on the Site and the interconnection of the Facility to the Company System. Seller shall provide to Company:
- (a) No later than the Execution Date, copies of the documents, recorded, if required by Company (including but not limited to any agreements with landowners) evidencing Seller's Land Rights establishing the right of Seller to construct, own, operate and maintain the Facility on the Site, whether by fee simple ownership of the Site, leasehold interest of the Site for a term at least as long as the Term of this Agreement or, in the alternative for actual fee simple or leasehold interest in the Site, a binding, executed letter of intent establishing the right of Seller to enter into a lease for the Site subject only to reasonable conditions related to PUC approval of this Agreement and such conditions that shall not affect the ability of the Seller to execute such lease.
 - (b) Within six (6) months of the Execution Date, Seller shall provide to Company a current survey (dated no earlier than the Execution Date) for the Site and any other property identified by Seller as requiring Land Rights. Within four (4) months of the Execution Date, Seller shall provide to Company (i) a preliminary title report (dated no earlier than the Execution Date) for the Site and any other property identified by Seller as requiring Land Rights, (ii) copies of all Land Rights already obtained, and (iii) a current list identifying all Land Rights required for the construction,

ownership, operation and maintenance of the Facility and the interconnection of the Facility to the Company System, including Seller's status as to whether such Land Rights have been obtained, have been negotiated or not yet pursued and if so, an estimated date when such Land Rights would be pursued;

- (c) Within three (3) months of Seller's identification of such additional necessary Land Rights, copies of such completed Land Rights, if any;

provided, however, that under no circumstance shall Seller commence any construction, operation or maintenance of the Facility or interconnection of the Facility to the Company System, or require or permit Company to commence any such construction, without Seller first obtaining the required, applicable Land Rights, and in the case where Seller has satisfied the requirements of Section 11.2(a) by way of an option agreement or binding letter of intent, Seller shall have: (i) affirmatively exercised such option agreement or fulfilled the requirements of such binding letter of intent, and (ii) delivered to Company the completed Land Rights resulting therefrom, no less than sixty (60) Days prior to commencing any construction activity.

Seller shall bear complete responsibility for all delays in construction, operation and maintenance of the Facility or the interconnection of the Facility to the Company System resulting from Seller's failure to identify and/or timely obtain necessary Land Rights. In each case, such Land Rights documents may be redacted but only to the extent required to prevent disclosure of confidential or proprietary information of Seller or the counterparty to such agreement. Under no circumstances shall such redactions conceal information that is necessary for the Company to determine whether such documents establish the Land Rights of Seller to construct, own, operate and maintain the Facility on the Site and the interconnection of the Facility to the Company System in accordance with the terms of this Agreement.

- 11.3 Company-Owned Interconnection Facilities. If the Company-Owned Interconnection Facilities are to be constructed by Company, Seller shall, prior to commencement of construction thereof, provide the necessary Governmental Approvals and Land Rights for the construction, ownership, operation and maintenance of Company-Owned Interconnection Facilities. If the Company-Owned Interconnection Facilities are to be

constructed by Seller, then Seller shall provide the necessary Governmental Approvals and Land Rights required for the commencement of construction and, prior to the start of each subsequent phase of construction, Seller shall provide the necessary and appropriate Governmental Approvals and Land Rights necessary for such related construction activity. Regardless of whether Company or Seller constructs the Company-Owned Interconnection Facilities, Seller shall provide Company with an accounting of all necessary Governmental Approvals (in a list or spreadsheet) at the commencement of construction including relevant information regarding status and estimated completion. Seller shall update Company on the status of all necessary Governmental Approvals, including the addition of any new Governmental Approvals that may be discovered and required, in Seller's Monthly Progress Report submitted to Company. Notwithstanding the above, to the extent not already provided to Company, all required Governmental Approvals for the Company-Owned Interconnection Facilities shall be provided to Company on the Transfer Date in accordance with Section 9 (Governmental Approvals for Company-Owned Interconnection Facilities) of Attachment G (Company-Owned Interconnection Facilities). Land Rights for Company-Owned Interconnection Facilities, whether provided at the commencement of construction if to be constructed by Company, or thereafter, if to be constructed by Seller, shall be obtained and its status updated by Seller to Company in accordance with Section 10 (Land Rights) of Attachment G (Company-Owned Interconnection Facilities). Notwithstanding the above, under no circumstance shall Seller commence any construction, operation or maintenance of the Company-Owned Interconnection Facilities, or require or permit Company to commence any such construction, without first obtaining the required, applicable Governmental Approvals and Land Rights. Seller shall bear complete responsibility for all delays in construction, operation and maintenance of the Company-Owned Interconnection Facilities resulting from Seller's failure to identify and/or timely obtain necessary Governmental Approvals and Land Rights for such Company-Owned Interconnection Facilities.

- 11.4 Compliance With Laws. Seller shall at all times comply with all applicable Laws and shall be responsible for all costs and expenses associated therewith.

ARTICLE 12
TERM OF AGREEMENT AND COMPANY'S
OPTION TO PURCHASE AT END OF TERM

- 12.1 Term. Subject to Section 12.2 (Effectiveness of Obligations) of this Agreement, the initial term of this Agreement shall commence upon the Execution Date of this Agreement and, unless terminated sooner as provided in this Agreement, shall remain in effect for [twenty **(20)** Contract Years] following the Commercial Operations Date (the "Initial Term"). This Agreement shall automatically terminate upon expiration of the Initial Term.
- 12.2 Effectiveness of Obligations. Only Article 3 (Facility Owned and/or Operated by Seller), Section 11.4 (Compliance With Laws), Article 12 (Term of Agreement and Company's Option to Purchase at End of Term), Article 14 (Credit Assurance and Security) as it relates to Development Period Security, Article 17 (Indemnification), Article 19 (Transfers, Assignments, and Facility Debt), Article 21 (Force Majeure), Article 22 (Warranties and Representations), Article 24 (Financial Compliance), Article 28 (Dispute Resolution), Article 29 (Miscellaneous), Section 3 (Seller Payment To Company for Company-Owned Interconnection Facilities and Review Of Facility) of Attachment G (Company-Owned Interconnection Facilities) and the Schedule of Defined Terms of this Agreement shall become effective on the Execution Date. Except where obligations of the Parties are explicitly stated as being effective before the Effective Date, all other portions of this Agreement shall become effective on the Effective Date.
- 12.3 PUC Approval.
- (a) This Agreement is subject to approval by the PUC in the form of a satisfactory PUC Approval Order and the Parties' respective obligations hereunder are conditioned upon receipt of such approval, except as specifically provided otherwise herein. Upon the Execution Date of this Agreement, the Parties shall use good faith efforts to obtain, as soon as practicable, a PUC Approval Order that satisfies the requirements of Section 29.20(a) (PUC Approval Order). Company shall submit to the PUC an application for a satisfactory PUC Approval Order but does not extend any assurances that a PUC Approval Order will ultimately be obtained. Seller

will provide reasonable cooperation to expedite obtaining a PUC Approval Order including timely providing information requested by Company to support its application, including information for Company and its consultant to conduct a greenhouse gas emissions analysis for the PUC application, as well as information requested by the PUC and parties to the PUC proceeding in which approval is being sought. Seller understands that lack of cooperation may result in Company's inability to file an application with the PUC and/or a failure to receive a PUC Approval Order. For the avoidance of doubt, Company has no obligation to seek reconsideration, appeal, or other administrative or judicial review of any Unfavorable PUC Order. The Parties agree that neither Party has control over whether or not a PUC Approval Order will be issued and each Party hereby assumes any and all risks arising from, or relating in any way to, the inability to obtain a satisfactory PUC Approval Order and hereby releases the other Party from any and all claims relating thereto.

- (b) Seller shall seek participation without intervention in the PUC docket for approval of this Agreement pursuant to applicable rules and orders of the PUC. The scope of Seller's participation shall be determined by the PUC. However, Seller expressly agrees to seek participation for the limited purpose and only to the extent necessary to assist the PUC in making an informed decision regarding the approval of this Agreement. If the Seller chooses not to seek participation in the docket, then Seller expressly agrees and knowingly waives any right to claim, before the PUC, in any court, arbitration or other proceeding, that the information submitted and the arguments offered by Company in support of the application requesting the PUC Approval Order are insufficient to meet Company's burden of justifying that the terms of this Agreement are just and reasonable and in the public interest, or otherwise deficient in any manner for purposes of supporting the PUC's approval of this Agreement. Seller shall not seek in the docket and Company shall not disclose any confidential information to Seller that would provide Seller with an unfair business advantage or would otherwise harm the position of others with respect to their ability to compete on equal and fair terms.

12.4 Interconnection Requirements Study. If this Agreement is executed prior to completion of the Interconnection Requirements Study, then following the completion of the IRS:

- (a) The Parties shall, no later than the ESPA Amendment Deadline, execute a formal amendment to this Agreement substituting new versions of Attachment B (Facility Owned by Seller), Attachment E (Single-Line Drawing and Interface Block Diagram), Attachment F (Relay List and Trip Scheme), Attachment G (Company-Owned Interconnection Facilities), Attachment K (Guaranteed Project Milestones), Attachment K-1 (Seller's Conditions Precedent and Company Milestones) and Attachment L (Reporting Milestones) (the "Interconnection Requirements Amendment") to reflect the results of the IRS. If the Interconnection Requirements Amendment is not executed by the ESPA Amendment Deadline, either Party may, by written notice delivered to the other Party, declare the Agreement null and void; or
- (b) If Seller is dissatisfied with the results of the IRS, Seller shall have the option, by written notice delivered to Company no later than the Termination Deadline, to declare this Agreement null and void. Failure of Seller to declare this Agreement null and void pursuant to the preceding sentence shall not obligate Seller to execute the Interconnection Requirements Amendment.

12.5 Prior to Effective Date. Company may, by written notice delivered prior to the Effective Date, declare the Agreement null and void if any one or more of the following conditions applies:

- (a) Seller implements a material change to the Facility without following the requirements of Section 5(g) of Attachment A (Description of Storage Facility).
- (b) Seller is in material breach of any of its representations, warranties and covenants under the Agreement, including, but not limited to, (i) the provisions of Section 22.2(c) and Section 22.2(d) requiring Seller to have all Land Rights and Governmental Approvals as provided therein; and (ii) the provisions of Section 3(b)(ii) (Company-Owned Interconnection Facilities Prepayment) of Attachment G

(Company-Owned Interconnection Facilities) requiring the payment by Seller to Company of the amounts specified within the time periods provided therein.

- (c) Seller, subsequent to making the payment to Company required under Section 3(b)(ii) (Company-Owned Interconnection Facilities Prepayment) of Attachment G (Company-Owned Interconnection Facilities), or subsequent to making the payment to Company to pay for the IRS, requests in writing that Company stop or otherwise delay the performance of the work for which Company received such payment.
- (d) The IRS Letter Agreement and/or GHG Letter Agreement are terminated pursuant to the terms thereof prior to the completion of the Interconnection Requirements Study or greenhouse gas emissions analysis, respectively.

12.6 Time Periods for PUC Submittal Date and PUC Approval.

- (a) Time Period for PUC Submittal Date. If the PUC Submittal Date has not occurred within 120 Days of the Execution Date, or such longer period as Company and Seller may agree to by a subsequent written agreement, Company may, by written notice delivered within thirty (30) Days of the expiration of such period, declare the Agreement null and void if the reason the application has not been filed is (i) any one or more of the conditions set forth in Section 12.5 (Prior to Effective Date) or (ii) Seller's failure to provide in a timely manner information reasonably requested by Company to support such application.
- (b) Time Period for PUC Approval. If the Commission issues an Unfavorable PUC Order or if a PUC Approval Order is not issued within twelve (12) months of the PUC Submittal Date, or within such longer period as Company and Seller may agree to by a written agreement ("PUC Approval Time Period"), then Company or Seller may, by written notice delivered within one hundred and eighty (180) Days of (i) in the case that an Unfavorable PUC Order has been issued, the date the Unfavorable PUC Order becomes non-appealable or (ii) in the case that a PUC Approval Order is not issued within twelve (12) months of the PUC Submittal Date, or the expiration of the PUC Approval Time Period, as applicable, declare this Agreement null and void. If a PUC Approval Order

or an Unfavorable PUC Order is issued within the PUC Approval Time Period but that order is appealed, and a Non-appealable PUC Approval Order is not obtained within twenty-four (24) months of the PUC Submittal Date, or within such longer period as Company and Seller may agree to by a subsequent written agreement (the "PUC Order Appeal Period"), then Company or Seller may, by written notice delivered within ninety (90) Days after the expiration of the PUC Order Appeal Period, declare this Agreement null and void.

12.7 Agreement Null and Void. If the Agreement is declared null and void pursuant to Section 12.4 (Interconnection Requirements Study), Section 12.5 (Prior to Effective Date), or Section 12.6 (Time Periods for PUC Submittal Date and PUC Approval), the Parties hereto shall thereafter be free of all obligations hereunder except as set forth in this Section 12.7 (Agreement Null and Void) and Section 14.3 (Return of Development Period Security), and shall pursue no further remedies against one another; provided, however, that if in response to Seller's request and Seller's offer of adequate assurance of reimbursement, Company agrees in writing to incur costs associated with Company-Owned Interconnection Facilities prior to the Non-appealable PUC Approval Order Date or completion of the IRS, Seller shall pay Company the actual costs and cost obligations incurred by Company as of the date the Agreement is declared null and void for Company-Owned Interconnection Facilities and any reasonable costs incurred thereafter and Company shall refund to Seller any amounts advanced by Seller in excess of such costs. A declaration that this Agreement is null and void pursuant to Section 12.4 (Interconnection Requirements Study), Section 12.5 (Prior to Effective Date), Section 12.6 (Time Periods for PUC Submittal Date and PUC Approval), shall not affect the following provisions, which shall remain in full force and effect: Section 12.2 (Effectiveness of Obligations), this Section 12.7 (Agreement Null and Void), Section 12.10 (Information Sharing and Shared Learning), Section 24.2 (Confidentiality), Article 28 (Dispute Resolution), Section 29.3 (Notices), Section 29.8 (Governing Law, Jurisdiction and Venue), Section 29.14 (Settlement of Disputes), Section 29.19 (Computation of Time), Section 29.23 (No Third Party Beneficiaries), Section 29.24 (Hawai'i General Excise Tax), and Section 7 (Land Restoration) of Attachment G (Company-Owned Interconnection Facilities).

- 12.8 Termination Rights. Notwithstanding any of the foregoing, the right of Company or Seller to terminate the Agreement at any time upon the occurrence of any Event of Default described in Article 15 (Events of Default) shall remain in full force and effect.
- 12.9 Option to Purchase Facility and Right of First Negotiation. Company shall have the right of first negotiation prior to the end of the Term and option to purchase the Facility at the end of the Term, as provided in Attachment P (Sale of Facility by Seller) to this Agreement.
- 12.10 Information Sharing and Shared Learning. Seller acknowledges that Company is entering into this Agreement, in part, to gain operational and market information regarding the performance, efficiency, operations, maintenance, and uses of energy storage assets as an integral part of Company's portfolio of assets to meet its customers' needs. Throughout the Term, Seller agrees to share such information with Company upon Company's reasonable request, with such information to be treated by Company as confidential if Seller so requests, which will include, without limitation, design logic, and tunable parameters and values, which in total determine the technical and operational characteristics, and historical data to review operational performance.

ARTICLE 13
GUARANTEED PROJECT MILESTONES
INCLUDING COMMERCIAL OPERATIONS

[COMPANY TO DECIDE, FOLLOWING COMPLETION OF IRS, IF ANY GUARANTEED PROJECT MILESTONES ARE NECESSARY IN ADDITION TO THOSE LISTED IN ATTACHMENT K AND, IF SO, WHAT ARE THE CONSEQUENCES OF MISSING SUCH OTHER GUARANTEED PROJECT MILESTONES.]

- 13.1 Time is of the Essence. Time is of the essence of this Agreement, and Seller's ability to achieve the Construction Milestones is critically important.
- 13.2 Failure to Meet Reporting Milestones. If Seller does not meet a Reporting Milestone, in each case as set forth in Attachment L (Reporting Milestones), Seller shall submit to Company, within ten (10) Business Days of any such missed Reporting Milestone, a remedial action plan which shall provide a detailed description of Seller's course of action and plan to achieve (i) the missed Reporting Milestone date within ninety (90) Days of the missed Reporting Milestone and (ii) all subsequent Construction Milestones, provided that delivery of any remedial action plan shall not relieve Seller of its obligation to meet any subsequent Construction Milestones.
- 13.3 Guaranteed Project and Reporting Milestone Dates. Seller shall achieve each Guaranteed Project Milestone Date or Reporting Milestone Date, subject (to the extent applicable) to the following extensions:
- (a) if the PUC Approval Order Date occurs more than one hundred eighty (180) Days after the Execution Date, Seller and Company shall be entitled to an extension of the Guaranteed Project Milestone Dates, Reporting Milestone Dates, Seller's Conditions Precedent Dates and Company Milestone Dates equal to the number of Days that elapse between the end of the aforesaid 180-Day period and the PUC Approval Order Date; provided, that in no event will the Guaranteed Commercial Operations Date be extended beyond the date set forth in the Project Specific Addendum with reference to this Section 13.3(a); or
 - (b) if the failure to achieve a Construction Milestone by the applicable Guaranteed Project Milestone Date or Reporting Milestone Date is the result of Force Majeure

(which, for purposes of this Section 13.3(b) excludes any delay in obtaining the PUC Approval Order because that contingency is addressed in Section 13.3(a) above), and if and so long as the conditions set forth in Section 21.4 (Satisfaction of Certain Conditions) are satisfied, such Guaranteed Project Milestone Date or Reporting Milestone Date shall be extended by a period equal to the lesser of three hundred sixty-five (365) Days or the duration of the delay caused by the Force Majeure; or

- (c) if the failure to achieve a Guaranteed Project Milestone by the applicable Guaranteed Project Milestone Date is the result of any failure by Company in the timely performance of its obligations under this Agreement, including achievement of its Company Milestones by the Company Milestone Dates as set forth on Attachment K-1 (Seller's Conditions Precedent and Company Milestones), as such dates may be extended in accordance with Section 13.3 (Guaranteed Project and Reporting Milestone Dates) and Section 13.8 (Company Milestones), Seller shall, provided Seller has satisfied the Seller's Conditions Precedent set forth in Attachment K-1 (Seller's Conditions Precedent and Company Milestones) by the respective Seller's Conditions Precedent Date set forth in said Attachment K-1, be entitled to an extension of such Guaranteed Project Milestone Date equal to the duration of the period of delay directly caused by such failure in Company's timely performance. Such extension on the terms described above shall be Seller's sole remedy for any such failure by Company. For purposes of this Section 13.3(c), Company's performance will be deemed to be "timely" if it is accomplished within the time period specified in this Agreement with respect to such performance or, if no time period is specified, within a reasonable period of time. If the performance in question is Company's review of plans, the determination of what is a "reasonable period of time" will take into account Company's past practices in reviewing and commenting on plans for similar facilities.

13.4 Damages and Termination.

- (a) Daily Delay Damages.

- (1) If a Guaranteed Project Milestone (other than Commercial Operations) has not been achieved by the applicable Guaranteed Project Milestone Date as extended as provided in Section 13.3 (Guaranteed Project and Reporting Milestone Dates), Company shall collect and Seller shall pay liquidated damages in the amount of the Daily Delay Damages, as specified in the Project Specific Addendum, for each Day following the tenth (10th) Day after the applicable Guaranteed Project Milestone Date, as extended in accordance with Section 13.3 (Guaranteed Project and Reporting Milestone Dates); provided, however, that the number of Days for which Company shall collect and Seller shall pay Daily Delay Damages for a failure to achieve a Guaranteed Project Milestone by the Guaranteed Project Milestone Date shall not exceed sixty (60) Days for each such missed Guaranteed Project Milestone Date (the "Construction Delay LD Period").
 - (2) If the Commercial Operations Date has not been achieved by the Guaranteed Commercial Operations Date as extended as provided in Section 13.3 (Guaranteed Project and Reporting Milestone Dates), in addition to any Daily Delay Damages collected pursuant to Section 13.4(a)(1), Company shall collect and Seller shall pay Daily Delay Damages following the tenth (10th) Day after the Guaranteed Commercial Operations Date, as such date may be extended in accordance with Section 13.3 (Guaranteed Project and Reporting Milestone Dates), provided that the number of Days for which Company shall collect and Seller shall pay Daily Delay Damages for failing to achieve the Guaranteed Commercial Operations Date shall not exceed one hundred eighty (180) Days (the "COD Delay LD Period").
- (b) Termination and Termination Damages for Failure to Achieve a Guaranteed Project Milestone Date. If, upon the expiration of the Construction Delay LD Period or the COD Delay LD Period, as applicable, Seller has not achieved the applicable Guaranteed Project Milestone, Company shall have the right, notwithstanding any other provision of this Agreement to the contrary, to

terminate this Agreement with immediate effect by issuing a written termination notice to Seller designating the Day such termination is to be effective, provided that Company shall issue such notice no later than thirty (30) Days following the expiration of the Construction Delay LD Period or the COD Delay LD Period, as applicable. The effective date of such termination shall be not later than the date that is thirty (30) Days after such notice is deemed to be received by Seller, and not earlier than the later to occur of the Day such notice is deemed to be received by Seller or the Day following the expiration of the Construction Delay LD Period or the COD Delay LD Period, as applicable. If the Agreement is terminated by Company pursuant to this Section 13.4 (Damages and Termination), Company shall have the right to collect Termination Damages, which shall be calculated in accordance with Article 16 (Damages in the Event of Termination by Company) of this Agreement.

- 13.5 Payment of Daily Delay Damages. Company shall draw upon the Development Period Security on a monthly basis for payment of the total Daily Delay Damages incurred by Seller during the preceding calendar month. If the Development Period Security is at any time insufficient to pay the amount of the draw to which Company is then entitled, Seller shall pay any such deficiency to Company promptly upon demand.
- 13.6 Liquidated Damages Appropriate. Seller's inability to achieve Commercial Operations by the Guaranteed Commercial Operations Date may require Company to devote substantial additional resources for administration and oversight activities. As such, Company may incur financial consequences for failure to meet such requirements. Consequently, each Party agrees and acknowledges that (i) the damages that Company would incur due to delay in achieving Commercial Operations by the Guaranteed Commercial Operations Date (subject to the extensions provided in Section 13.3 (Guaranteed Project and Reporting Milestone Dates)) would be difficult or impossible to calculate with certainty, (ii) the Daily Delay Damages set forth in Section 13.4 (Damages and Termination) are an appropriate approximation of such damages and (iii) the Daily Delay Damages are the sole and exclusive remedies for Seller's failure to achieve Commercial Operations by the Guaranteed Commercial Operations Date.

- 13.7 Monthly Progress Reports. Commencing upon the Execution Date of this Agreement, Seller shall submit to Company, on the tenth (10th) Business Day of each calendar month until the Commercial Operations Date is achieved, a progress report for the prior month in a form set forth on Attachment S (Form of Monthly Progress Report) (the "Monthly Progress Report"). These progress reports shall notify Company of the current status of each Construction Milestone. Seller shall include in such report a list of all letters, notices, applications, filings and Governmental Approvals sent to or received from any Governmental Authority and shall provide any such documents as may be reasonably requested by Company. In addition, Seller shall advise Company as soon as reasonably practicable of any problems or issues of which it is aware which may materially impact its ability to meet the Construction Milestones. Seller shall provide Company with any requested documentation to support the achievement of Construction Milestones within ten (10) Business Days of receipt of such request from Company. Upon the occurrence of a Force Majeure event, Seller shall also comply with the requirements of Section 21.4 (Satisfaction of Certain Conditions) to the extent such requirements provide for communications to Company beyond those required under this Section 13.7 (Monthly Progress Reports).
- 13.8 Company Milestones. Company's obligation to achieve the Company Milestones is contingent upon Seller completing the Seller's Conditions Precedent set forth in Attachment K-1 (Company Milestones and Seller's Conditions Precedent). Company shall achieve each of the Company Milestones by the date set forth for such Company Milestones in Attachment K-1 (Seller's Conditions Precedent and Company Milestones) of this Agreement (each such date, a "Company Milestone Date"), as such date may be extended in accordance with Section 13.3 (Guaranteed Project and Reporting Milestone Dates) and this Section 13.8 (Company Milestones); provided, however in the event Seller does not complete a Seller's Condition Precedent on or before the applicable date set forth in Attachment K-1 (Seller's Conditions Precedent and Company Milestones) (each such date, a "Seller's Conditions Precedent Date"), subject to the extensions set forth in Section 13.3 (Guaranteed Project and Reporting Milestone Dates), Company shall be entitled to an extension as follows: (i) for the commencement of Acceptance Testing, the new Company Milestone Date shall be as set forth in clause "(gg)" of Section 2(f)(i) of Attachment G (Company-

Owned Interconnection Facilities); and (ii) for any other Company Milestone Date, the extension shall be for the period of time reasonably necessary to meet any such Company Milestone Date adversely affected by Seller's failure but no shorter than a day-for-day extension.

ARTICLE 14
CREDIT ASSURANCE AND SECURITY

- 14.1 General. Seller is required to post and maintain Development Period Security and Operating Period Security based on the requirements of this Article 14 (Credit Assurance and Security).
- 14.2 Development Period Security. To guarantee undertaking the performance of Seller's obligations under the Agreement for the period prior to the Commercial Operations Date (including but not limited to Seller's obligation to meet the Guaranteed Commercial Operations Date), Seller shall provide 50% of the Development Period Security to Company within ten (10) Days of the Execution Date of the Agreement and the remaining 50% of the Development Period Security within ten (10) Business Days of the execution of the Interconnection Requirements Amendment.
- 14.3 Return of Development Period Security. The Development Period Security shall be returned to Seller, subject to Company's right to draw from the Development Period Security as set forth in Section 14.7 (Company's Right to Draw from Security Funds), in the following circumstances: (i) this Agreement is declared null and void pursuant to any of Section 12.4 (Interconnection Requirements Study), Section 12.5 (Prior to Effective Date), or Section 12.6 (Time Periods for PUC Submittal Date and PUC Approval); (ii) the PUC issues an order denying approval for an application for a PUC Approval Order, which does not become subject to appeal; (iii) the PUC issues an Unfavorable PUC Order, which does not become subject to appeal; (iv) a Non-Appealable PUC Approval Order is not obtained within the time periods specified in Section 12.6(b) (Time Period for PUC Approval); or (v) following Company's receipt of Operating Period Security pursuant to Section 14.4 (Operating Period Security) of this Agreement.
- 14.4 Operating Period Security. To guarantee the performance of Seller's obligations under the Agreement for the period starting from the Commercial Operations Date to the expiration or termination of this Agreement, Seller shall provide satisfactory operating period security to Company in the amount of \$125/kW based on the BESS Contract Capacity (the "Operating Period Security"). Seller shall provide such Operating Period Security to Company within five (5)

Business Days after the Commercial Operations Date, provided that, at all times, some form of Security Funds shall be in place and available to Company, whether Development Period Security or Operating Period Security.

- 14.5 Form of Security. Seller shall supply the Development Period Security and Operating Period Security required in the form of an irrevocable standby letter of credit with no documentation requirement substantially in the form set forth in Attachment M (Form of Letter of Credit) to this Agreement from a bank doing business in the United States and subject to United States state or federal regulation with a credit rating of "A-" or better. If the rating (as measured by Standard & Poor's) of the bank issuing the standby letter of credit falls below A-, Company may require Seller to replace, within thirty (30) Days' notice by Company, the standby letter of credit with a standby letter of credit from another bank doing business in the United States and subject to United States state or federal regulation with a credit rating of "A-" or better. Such letter of credit shall be issued for a minimum term of one (1) year. Furthermore, at the end of each year the security shall be renewed for an additional one (1) year term so that at the time of such renewal, the remaining term of any such security shall not be less than one (1) year. The letter of credit shall include a provision for at least thirty (30) Days advance notice to Company and Seller of any expiration or earlier termination of the letter of credit so as to allow Company sufficient time to exercise its rights under said security if Seller fails to extend or replace the security. In all cases, the reasonable costs and expenses of establishing, renewing, substituting, canceling, increasing, reducing, or otherwise administering the letter of credit shall be borne by Seller. In the event Company receives notice from the issuing bank that a letter of credit for the Development Period Security or Operating Period Security will be cancelled or is set to expire and will not be extended, Company shall endeavor, but shall not be obligated, to provide Seller with notice of such cancellation or termination. Company shall not be responsible for any lack of notice to Seller of such letter of credit's cancellation or termination and the events resulting therefrom, provided, however, that if Company draws upon the then full amount remaining under the letter of credit, the provisions of Section 14.8 (Failure to Renew or Extend Letter of Credit) and Section 14.9 (L/C Proceeds

Escrow) shall apply. In the event the letter of credit for Development Period Security or Operating Period Security ever expires or is terminated without Company drawing on such full amount remaining under the letter of credit prior to its expiration, and Seller has not been afforded the opportunity to replace the letter of credit prior to its expiration or termination because of lack of notice, Seller shall be provided a grace period of five (5) Business Days from any notice of such expiration or termination of the letter of credit to obtain and provide to Company a substitute letter of credit meeting the requirements of this Article 14 (Credit Assurance and Security).

14.6 Security Funds. The Development Period Security and Operating Period Security, including L/C Proceeds therefrom (collectively referred to as the "Security Funds") established, funded, and maintained by Seller pursuant to the provisions of this Article 14 (Credit Assurance and Security) shall provide security for the performance of Seller's obligations under this Agreement and shall be available to be drawn on by Company as provided in Section 14.7 (Company's Right to Draw from Security Funds). Seller shall maintain the Security Funds at the contractually-required level throughout the Term of this Agreement. Seller shall replenish the Security Funds to such required level within fifteen (15) Business Days after any draw on the Security Funds by Company or any reduction in the value of Security Funds below the required level for any other reason. Notwithstanding the foregoing, Seller's obligation to replenish the Development Period Security shall not exceed in total three (3) times the original amount of the Development Period Security required under Section 14.2 (Development Period Security) of this Agreement.

14.7 Company's Right to Draw from Security Funds. In addition to any other remedy available to it, Company may, before or after termination of this Agreement, draw from the Security Funds such amounts as are necessary to recover amounts Company is owed pursuant to this Agreement or the IRS Letter Agreement or the GHG Letter Agreement, including, without limitation, any damages due Company, any interconnection costs owed pursuant to Attachment G (Company-Owned Interconnection Facilities) and any amounts for which Company is entitled to indemnification under this Agreement. Company may, in its sole discretion, draw all or any part of such amounts due Company from any of the Security Funds to

the extent available pursuant to this Article 14 (Credit Assurance and Security), and from all such forms, and in any sequence Company may select. Any failure to draw upon the Security Funds or other security for any damages or other amounts due Company shall not prejudice Company's rights to recover such damages or amounts in any other manner.

14.8 Failure to Renew or Extend Letter of Credit. If the letter of credit is not renewed or extended at least thirty (30) Days prior to its expiration or earlier termination, Company shall have the right to draw immediately upon the full amount of the letter of credit and to place the proceeds of such draw (the "L/C Proceeds"), at Seller's cost, in an escrow account in accordance with Section 14.9 (L/C Proceeds Escrow), until Seller provides a substitute letter of credit meeting the requirements of this Article 14 (Credit Assurance and Security), which substitute letter of credit shall be procured no later than five (5) Business Days after expiration of the Letter of Credit.

14.9 L/C Proceeds Escrow. If Company draws on the letter of credit pursuant to Section 14.8 (Failure to Renew or Extend Letter of Credit), and for so long as a substitute letter of credit meeting the requirements of this Article 14 (Credit Assurance and Security) is not obtained and provided to Company, Company shall, in order to avoid comingling the L/C Proceeds, have the right but not the obligation to place the L/C Proceeds in an escrow account as provided in this Section 14.9 (L/C Proceeds Escrow) with a reputable escrow agent acceptable to Company ("Escrow Agent"). Without limitation to the generality of the foregoing, a federally-insured bank shall be deemed to be a "reputable escrow agent." Company shall have the right to apply the L/C Proceeds as necessary to recover amounts Company is owed pursuant to this Agreement, the IRS Letter Agreement or the GHG Letter Agreement, including, without limitation, any damages due Company, any interconnection costs owed pursuant to Attachment G (Company-Owned Interconnection Facilities) and any amounts for which Company is entitled to indemnification under this Agreement. To that end, the documentation governing such escrow account shall be in form and content satisfactory to Company and shall give Company the sole authority to draw from the account. Seller shall not be a party to such documentation and shall have no rights to the L/C Proceeds. Upon the issuance of a substitute letter of credit satisfying the requirements of

this Article 14 (Credit Assurance and Security) or full satisfaction of Seller's obligations under this Agreement, including recovery by Company of amounts owed to it under this Agreement, Company shall instruct the Escrow Agent to remit to the bank that issued the letter of credit that was the source of the L/C Proceeds the remaining balance (if any) of the L/C Proceeds. If there is more than one escrow account with L/C Proceeds, Company may, in its sole discretion, draw on such accounts in any sequence Company may select. Any failure to draw upon the L/C Proceeds for any damages or other amounts due Company shall not prejudice Company's rights to recover such damages or amounts in any other manner.

- 14.10 Release of Security Funds. Promptly following the end of the Term, and the complete performance of all of Seller's obligations under this Agreement, including but not limited to the obligation to pay any and all amounts owed by Seller to Company under this Agreement, Company shall release the Security Funds to Seller.

ARTICLE 15
EVENTS OF DEFAULT

- 15.1 Events of Default by Seller. The occurrence of any of the following shall constitute an Event of Default by Seller:
- (a) Seller procures, provides or substitutes Energy Storage Services from any source other than the Facility;
 - (b) [RESERVED]
 - (c) [RESERVED]
 - (d) if at any time subsequent to the Commercial Operations Date, the Seller fails to demonstrate satisfaction of the BESS EFOF Performance Metric at the expiration of the BESS EFOF Cure Period;
 - (e) if at any time subsequent to the Commercial Operations Date, the Seller fails to demonstrate satisfaction of the BESS Capacity Performance Metric prior to the expiration of the BESS Capacity Cure Period as provided in Section 2.8(b) (BESS Capacity Termination Rights);
 - (f) if at any time subsequent to the Commercial Operations Date, the Seller fails to achieve a BESS Annual Equivalent Availability Factor of not less than **75%** for each of six (6) consecutive BESS Measurement Periods as provided in Section 2.9(b) (BESS Annual Equivalent Availability Factor Termination Rights) as provided in Section 2.9(b) (BESS Equivalent Availability Factor Termination Rights);
 - (g) if at any time subsequent to the Commercial Operations Date, the Seller fails to demonstrate satisfaction of the RTE Performance Metric prior to the expiration of the RTE Cure Period as provided in Section 2.11(b) (RTE Termination Rights);
 - (h) if at any time subsequent to the Commercial Operations Date, the Facility is unavailable to provide the Energy Storage Services to Company in response to Company Dispatch for a period of three hundred sixty-five (365) or more consecutive Days;

- (i) if at any time during the Term, Seller fails to satisfy the requirements of Article 14 (Credit Assurance and Security) of this Agreement;
 - (j) if at any time during the Term, Seller fails to comply with the requirements of Section 19.1 (Sale of Facility) and Attachment P (Sale of Facility by Seller);
 - (k) if at any time subsequent to the Commercial Operations Date, Seller fails to install, operate, maintain, or repair the Facility in accordance with Good Engineering and Operating Practices if such failure is not cured within thirty (30) Days after written notice of such failure from Company unless such failure cannot be cured within said thirty (30) Day period and Seller is making commercially reasonable efforts to cure such failure, in which case Seller shall have a cure period of three hundred sixty-five (365) Days after Company's written notice of such failure;
 - (l) Seller fails to comply with the Charging Energy obligations under Section 2.4(b) (Charging Energy Obligations); or
 - (m) Seller sells, assigns, or otherwise transfers, or commits to sell, assign, or otherwise transfer, any portion or component of the Energy Storage Services (e.g., Discharge Energy), or the availability thereof, to any party other than Company.
- 15.2 Events of Default by a Party. The occurrence of any of the following during the Term of the Agreement shall constitute an Event of Default by the Party responsible for the failure, action or breach in question:
- (a) The failure to make any payment required pursuant to this Agreement when due if such failure is not cured within ten (10) Business Days after written notice is received by the Party failing to make such payment;
 - (b) Any representation or warranty made by such Party herein is false and misleading in any material respect when made;
 - (c) Such Party becomes insolvent, or makes an assignment for the benefit of creditors (other than an assignment to a Facility Lender pursuant to the Financing Documents) or

fails generally to pay its debts as they become due; or such Party shall have an order for relief in an involuntary case under the bankruptcy laws as now or hereafter constituted entered against it, or shall commence a voluntary case under the bankruptcy laws as now or hereafter constituted, or shall file any petition or answer seeking for itself any arrangement, composition, adjustment, liquidation, dissolution or similar relief to which it may be entitled under any present or future statute, law or regulation, or shall file any answer admitting the material allegations of any petition filed against it in such proceeding; or such Party seeks or consents to or acquiesces in the appointment of or taking possession by, any custodian, trustee, receiver or liquidator of it or of all or a substantial part of its properties or assets; or such Party takes action looking to its dissolution or liquidation; or within ninety (90) Days after commencement of any proceedings against such Party seeking any arrangement, composition, adjustment, liquidation, dissolution or similar relief under any present or future statute, law or regulation, such proceedings shall not have been dismissed; or within ninety (90) Days after the appointment of, or taking possession by, any custodian, trustee, receiver or liquidator of any or of all or a substantial part of the properties or assets of such Party, without the consent or acquiescence of such Party, any such appointment or possession shall not have been vacated or terminated;

- (d) Such Party engages in or is the subject of a transaction requiring the prior written consent of the other Party under Section 19.2 (Assignment by Seller) or Section 19.7 (Assignment By Company) (as applicable) without having obtained such consent;
- (e) Such Party fails to comply with either (i) a decision under Article 28 (Dispute Resolution), (ii) or an Independent Evaluator's decision under Article 23 (Process for Addressing Certain Revisions), in either case within thirty (30) Days after such decision becomes binding on the Parties in accordance with Article 28 (Dispute Resolution) or within thirty (30) Days of the issuance of such decision under Article 23 (Process for Addressing Certain Revisions), as applicable, or, if such decision cannot be complied with within thirty (30)

Days, such Party fails to have commenced commercially reasonable efforts designed to achieve compliance within such thirty (30) Days and diligently continue such commercially reasonable efforts until compliance is attained; or

- (f) A Party, by act or omission, materially breaches or defaults on any material covenant, condition or other provision of this Agreement, other than the provisions specified in Section 15.1 (Events of Default by Seller) and Section 15.2(a) through Section 15.2(e), if such breach or default is not cured within thirty (30) Days after written notice of such breach or default from the other Party; provided, however, that if it is objectively impossible to cure the breach or default in question within said thirty (30) Day period (i.e., if the breach or default in question is one that could not be cured within said thirty (30) Day period by an experienced independent power producer or electric utility, as applicable, willing and able to exert commercially reasonable efforts to achieve such cure within said thirty (30) Day period), then, for so long as the Non-performing Party is making the same effort to cure such breach or default as would be expected of an experienced independent power producer or electric utility, as applicable, willing and able to exert commercially reasonable efforts to achieve such cure, the Non-performing Party shall have a cure period equal to the shorter of (i) the duration of the period within which a cure could reasonably be expected to be achieved by an experienced independent power producer or electric utility, as applicable, willing and able to exert commercially reasonable efforts to achieve such cure or (ii) a period of three hundred sixty five (365) Days beginning on the date of written notice of such breach or default; provided, further, that if the material breach in question involves Seller's failure to meet the operational and performance standards set forth in Attachment B (Facility Owned by Seller), the provisions of Section 1(j) (Demonstration of Facility) of Attachment B (Facility Owned by Seller) for consultant's study and Seller implementation of such study's recommendation shall apply in lieu of the extended cure period provided under the preceding proviso.

- 15.3 Cure/Grace Periods. Before becoming an Event of Default, the occurrences set forth in Section 15.1 (Events of Default by Seller) and Section 15.2 (Events of Default by a Party) are subject to the following cure/grace periods:
- (a) If the occurrence is not the result of Force Majeure, the Non-performing Party shall be entitled to a cure period to the limited extent expressly set forth in the applicable provision of Section 15.1 (Events of Default by Seller) or Section 15.2 (Events of Default by a Party); or
 - (b) If the occurrence is the result of Force Majeure, and if and so long as the conditions set forth in Section 21.4 (Satisfaction of Certain Conditions) are satisfied, the Non-performing Party shall be entitled to a grace period as provided in Section 21.6 (Termination for Force Majeure), which shall apply in lieu of any cure periods provided in Section 15.1 (Events of Default by Seller) and Section 15.2 (Events of Default by a Party).
- 15.4 Rights of the Non-defaulting Party; Forward Contract. If an Event of Default shall have occurred and be continuing, the Party who is not the Defaulting Party ("Non-defaulting Party") shall have the right (i) to terminate this Agreement by sending written notice to the Defaulting Party as provided in this Section 15.4 (Rights of the Non-defaulting Party; Forward Contract); (ii) to withhold any payments due to the Defaulting Party under this Agreement; (iii) suspend performance; and (iv) exercise any other right or remedy available at law or in equity to the extent permitted under this Agreement. A notice terminating this Agreement pursuant to this Section 15.4 (Rights of the Non-defaulting Party; Forward Contract) shall designate the Day such termination is to be effective which Day shall be no later than thirty (30) Days after such notice is deemed to be received by the Defaulting Party and not earlier than the first to occur of the Day such notice is deemed to be received by the Defaulting Party or the Day following the expiration of any period afforded the Defaulting Party under Section 15.1 (Events of Default by Seller) and Section 15.2 (Events of Default by a Party) to cure the default in question. If the Agreement is terminated by Company because of one or more of the Events of Default by Seller, Company shall have the right, in addition to the rights set forth above in this Section 15.4 (Rights of the Non-defaulting

Party; Forward Contract), to collect Termination Damages, in accordance with Article 16 (Damages in the Event of Termination by Company). Without limitation to the generality of the foregoing provisions of this Section 15.4 (Rights of the Non-Defaulting Party; Forward Contract), the Parties agree that, under 11 U.S.C. § 362(b)(6), this Agreement is a "forward contract" and the Company is a "forward contract merchant" such that upon the occurrence of an Event of Default by Seller under Section 15.1 (Events of Default by Seller) or Section 15.2 (Events of Default by a Party), this Agreement may be terminated by Company as provided in this Agreement notwithstanding any bankruptcy petition affecting Seller.

- 15.5 Force Majeure. To the extent a Non-performing Party is entitled to defer certain liabilities pursuant to Article 21 (Force Majeure) of the Agreement, the permitted period of deferral shall be governed by Section 21.6 (Termination for Force Majeure) in lieu of this Article 15 (Events of Default).
- 15.6 Guaranteed Project Milestones Including Guaranteed Commercial Operations Date. Notwithstanding any other provision of this Article 15 (Events of Default) to the contrary, any failure of Seller to achieve any of the Guaranteed Project Milestones by the applicable Guaranteed Project Milestone Date, including Commercial Operations by the Guaranteed Commercial Operations Date, shall be governed by Article 13 (Guaranteed Project Milestones Including Commercial Operations) in lieu of this Article 15 (Events of Default).
- 15.7 Equitable Remedies. Seller acknowledges that Company is a public utility and is relying upon Seller's performance of its obligations under this Agreement, and that Company and/or its customers may suffer irreparable injury as a result of the failure of Seller to perform any of such obligations, whether or not such failure constitutes an Event of Default or otherwise gives rise to one or more of the remedies set forth in Section 15.4 (Rights of the Non-defaulting Party; Forward Contract). Accordingly, the remedies set forth in Section 15.4 (Rights of the Non-defaulting Party; Forward Contract) shall not limit or otherwise affect Company's right to seek specific performance injunctions or other available equitable remedies for Seller's failure to perform any of its

obligations under this Agreement, irrespective of whether such failure constitutes an Event of Default.

ARTICLE 16
DAMAGES IN THE EVENT OF TERMINATION BY COMPANY

- 16.1 Termination Due to Failure to Meet a Guaranteed Project Milestone Date. If the Agreement is terminated by Company pursuant to Section 13.4 (Damages and Termination), Company shall be entitled to Termination Damages calculated by multiplying the BESS Contract Capacity by \$50/kW.
- 16.2 Termination Due to an Event of Default. If the Agreement is terminated by Company in accordance with this Agreement due to an Event of Default where Seller is the Defaulting Party, Company shall be entitled to Termination Damages calculated by multiplying the BESS Contract Capacity by \$75/kW.
- 16.3 Liquidated Damages Appropriate. Each Party agrees and acknowledges that (i) the damages that Company would incur due to early termination of the Agreement pursuant to either Section 13.4 (Damages and Termination) or Section 15.4 (Rights of the Non-defaulting Party; Forward Contract) would be difficult or impossible to calculate with certainty, (ii) the Termination Damages are an appropriate approximation of such damages, and (iii) payment of Termination Damages does not relieve Seller of liability for costs and balances incurred prior to the effective date of such termination. The Termination Damages are the sole and exclusive remedy for Company's losses arising out of the termination of this Agreement pursuant Section 16.1 (Termination Due to Failure to Meet a Guaranteed Project Milestone Date) or Section 16.2 (Termination Due to an Event of Default). The Termination Damages are not intended to limit Company's rights or remedies, or Seller's liabilities or duties, with respect to losses arising independent of the termination of this Agreement under such sections, including, without limitation, Company's right to recover under Section 17.1 (Indemnification of Company).
- 16.4 Consequential Damages. Neither Party shall be liable for damages incurred by the other Party for any loss of profit or revenues, loss of product, loss of use of products or services or associated equipment, interruption of business, cost of capital, downtime costs, increased operating costs, or for any special, consequential, incidental, indirect or punitive damages; provided, however, that nothing in this Section 16.4 (Consequential Damages) shall limit any of (i) the indemnification obligations of either Party under

Article 17 (Indemnification) of this Agreement, (ii) the liability of either Party for liquidated damages as set forth in this Agreement, (iii) the liability of either Party for direct damages for breach of this Agreement as and to the extent such damages have not been liquidated as set forth in this Agreement or (iv) the liability of either Party for gross negligence or intentional misconduct.

ARTICLE 17
INDEMNIFICATION

17.1 Indemnification of Company.

- (a) Indemnification Against Third Party Claims. Seller shall indemnify, defend, and hold harmless Company, its successors, permitted assigns, affiliates, controlling persons, directors, officers, employees, agents, contractors, subcontractors and the employees of any of them (collectively referred to as an "Indemnified Company Party"), from and against any Losses suffered, incurred or sustained by any Indemnified Company Party due to any Claim (whether or not well founded, meritorious or unmeritorious) by a third party not controlled by, or under common ownership and/or control with, Company relating to (i) Seller's development, permitting, construction, ownership, operation and/or maintenance of the Facility and Company-Owned Interconnection Facilities (excluding, (A) if Seller constructs the Company-Owned Interconnection Facilities, the ownership, operation and/or maintenance of the Company-Owned Interconnection Facilities following the Transfer Date, provided, however, that such exclusion shall not apply to matters discovered after the Transfer Date attributable to acts or omissions of Seller before the Transfer Date, or (B) if Company constructs any portion of the Company-Owned Interconnection Facilities, the construction, ownership, operation and/or maintenance of such portion(s) of the Company-Owned Interconnection Facilities); or (ii) any actual or alleged personal injury or death or damage to property, in any way arising out of, incident to, or resulting directly or indirectly from the acts or omissions of any Indemnified Seller Party, except as and to the extent that such Loss is attributable to the negligence or willful misconduct of an Indemnified Company Party.
- (b) Compliance with Laws. Any Losses incurred by an Indemnified Seller Party for noncompliance by Seller or an Indemnified Seller Party with applicable Laws shall not be reimbursed by Company but shall be the sole responsibility of Seller. Seller shall indemnify, defend and hold harmless each Indemnified Company Party from and against any and all Losses in any way arising

out of, incident to, or resulting directly or indirectly from the failure of Seller to comply with any Laws.

- (c) Notice. If Seller shall obtain knowledge of any Claim subject to Section 17.1(a) (Indemnification Against Third Party Claims), Section 17.1(b) (Compliance with Laws) or otherwise under this Agreement, Seller shall give prompt notice thereof to Company, and if Company shall obtain any such knowledge, Company shall give prompt notice thereof to Seller.
- (d) Indemnification Procedures.
- (1) In case any Claim subject to Section 17.1(a) (Indemnification Against Third Party Claims) or Section 17.1(b) (Compliance with Laws) or otherwise under this Agreement, shall be brought against an Indemnified Company Party, Company shall notify Seller of the commencement thereof and, provided that Seller has acknowledged in writing to Company its obligation to an Indemnified Company Party under this Section 17.1 (Indemnification of Company), Seller shall be entitled, at its own expense, acting through counsel acceptable to Company, to participate in and, to the extent that Seller desires, to assume and control the defense thereof; provided, however, that Seller shall not compromise or settle a Claim against an Indemnified Company Party without the prior written consent of Company which consent shall not be unreasonably withheld or delayed.
- (2) Seller shall not be entitled to assume and control the defense of any such Claim subject to Section 17.1(a) (Indemnification Against Third Party Claims), Section 17.1(b) (Compliance with Laws) or otherwise under this Agreement, if and to the extent that, in the sole opinion of Company, such Claim involves the potential imposition of criminal liability on an Indemnified Company Party or a conflict of interest between an Indemnified Company Party and Seller, in which case Company shall be entitled, at its own expense, acting through counsel acceptable to Seller to participate in any Claim, the defense of which has been assumed by Seller. Company shall supply, or shall cause an

Indemnified Company Party to supply, Seller with such information and documents requested by Seller as are necessary or advisable for Seller to possess in connection with its participation in any Claim to the extent permitted by this Section 17.1(d)(2). Company shall not enter, and shall restrict any Indemnified Company Party from entering, into any settlement or other compromise with respect to any Claim without the prior written consent of Seller, which consent shall not be unreasonably withheld or delayed.

- (3) Upon payment of any Losses by Seller, pursuant to this Section 17.1 (Indemnification of Company) or other similar indemnity provisions contained herein, to or on behalf of Company, Seller, without any further action, shall be subrogated to any and all claims that an Indemnified Company Party may have relating thereto.
- (4) Company shall fully cooperate and cause all Company Indemnified Parties to fully cooperate, in the defense of or response to, any Claim subject to Section 17.1 (Indemnification of Company).

17.2 Indemnification of Seller.

- (a) Indemnification Against Third Party Claims. Company shall indemnify, defend, and hold harmless Seller, its successors, permitted assigns, affiliates, controlling persons, directors, officers, employees, agents, contractors, subcontractors and the employees of any of them (collectively referred to as an "Indemnified Seller Party"), from and against any Losses suffered, incurred or sustained by any Indemnified Seller Party due to any Claim (whether or not well founded, meritorious or unmeritorious) by a third party not controlled by or under common ownership and/or control with Seller relating to (i) (A) if Seller constructs the Company-Owned Interconnection Facilities, the ownership, operation and/or maintenance of the Company-Owned Interconnection Facilities following the Transfer Date, excluding, however, matters discovered after the Transfer Date attributable to acts or omissions of Seller before the Transfer Date, or (B) if Company constructs any portion of the Company-Owned

Interconnection Facilities, the construction, ownership, operation and/or maintenance of such portion(s) of the Company-Owned Interconnection Facilities and (ii) any actual or alleged personal injury or death or damage to property, in any way arising out of, incident to, or resulting directly or indirectly from the acts or omissions of any Indemnified Company Party, except to the extent that any such Loss is attributable to the negligence or willful misconduct of an Indemnified Seller Party.

- (b) Compliance with Laws. Any Losses incurred by an Indemnified Company Party for noncompliance by Company or an Indemnified Company Party with applicable Laws shall not be reimbursed by Seller but shall be the sole responsibility of Company. Company shall indemnify, defend and hold harmless each Indemnified Seller Party from and against any and all Losses in any way arising out of, incident to, or resulting directly or indirectly from the failure of Company to comply with any Laws.
- (c) Notice. If Company shall obtain knowledge of any Claim subject to Section 17.2(a) (Indemnification Against Third Party Claims), Section 17.2(b) (Compliance with Laws) or otherwise under this Agreement, Company shall give prompt notice thereof to Seller, and if Seller shall obtain any such knowledge, Seller shall give prompt notice thereof to Company.
- (d) Indemnification Procedures.
 - (1) In case any Claim subject to Section 17.2(a) (Indemnification Against Third Party Claims), Section 17.2(b) (Compliance with Laws), or otherwise under this Agreement, shall be brought against an Indemnified Seller Party, Seller shall notify Company of the commencement thereof and, provided that Company has acknowledged in writing to Seller its obligation to an Indemnified Seller Party under this Section 17.2 (Indemnification of Seller), Company shall be entitled, at its own expense, acting through counsel acceptable to Seller, to participate in and, to the extent that Company desires, to assume and control the defense thereof; provided, however, that Company shall not compromise or settle a Claim against an Indemnified

Seller Party without the prior written consent of Seller which consent shall not be unreasonably withheld or delayed.

- (2) Company shall not be entitled to assume and control the defense of any such Claim subject to Section 17.2(a) (Indemnification Against Third Party Claims), Section 17.2(b) (Compliance with Laws), or otherwise under this Agreement, if and to the extent that, in the opinion of Seller, such Claim involves the potential imposition of criminal liability on an Indemnified Seller Party or a conflict of interest between an Indemnified Seller Party and Company, in which case Seller shall be entitled, at its own expense, acting through counsel acceptable to Company, to participate in any Claim the defense of which has been assumed by Company. Seller shall supply, or shall cause an Indemnified Seller Party to supply, Company with such information and documents requested by Company as are necessary or advisable for Company to possess in connection with its participation in any Claim, to the extent permitted by this Section 17.2(d)(2). Seller shall not enter, and shall restrict any Indemnified Seller Party from entering, into any settlement or other compromise with respect to any Claim without the prior written consent of Company, which consent shall not be unreasonably withheld or delayed.
- (3) Upon payment of any Losses by Company pursuant to this Section 17.2 (Indemnification of Seller) or other similar indemnity provisions contained herein to or on behalf of Seller, Company, without any further action, shall be subrogated to any and all claims that an Indemnified Seller Party may have relating thereto.
- (4) Seller shall fully cooperate and cause all Seller Indemnified Parties to fully cooperate, in the defense of, or response to, any Claim subject to Section 17.2 (Indemnification of Seller).

ARTICLE 18
INSURANCE

- 18.1 Required Coverage. Seller, and anyone acting under its direction or control or on its behalf, shall, at its own expense, acquire and maintain, or cause to be maintained in full effect, commencing with the start of construction of the Facility, as applicable, and continuing throughout the Term, as applicable, the minimum insurance coverage set forth in Attachment R (Required Insurance), or such higher amounts as the Seller and/or the Facility Lender reasonably determines to be necessary during construction and operation of the Facility. Seller's indemnity and other obligations shall not be limited by the foregoing insurance requirements.
- 18.2 Waiver of Subrogation. Seller, and anyone acting under its direction or control or on its behalf, shall cause its insurers to waive all rights of subrogation which Seller or its insurers may have against Company, Company's agents, or Company's employees.
- 18.3 Additional Insureds. The insurance policies specified in Section 2 (General Liability Insurance) and Section 3 (Automobile Liability Insurance) and Section 9 (Pollution Liability Insurance) of Attachment R (Required Insurance) shall name Company as an additional insured, as its interests may appear, with respect to any and all third party bodily injury and/or property damage claims, including completed operations, arising from Seller's performance of this Agreement, and Seller shall submit to Company a copy of such additional insured endorsement with evidence of insurance as required herein. Seller shall promptly, and in no event later than five (5) Days after such cancellation, modification or non-renewal, provide written notice to Company should any of the insurance policies required under this Agreement be cancelled, materially modified, or not renewed upon expiration. Company acknowledges that the Facility Lender shall be entitled to receive and distribute any and all loss proceeds as stipulated by any Financing Documents related to any policy described in this Article 18 (Insurance) and Attachment R (Required Insurance).
- 18.4 Evidence of Policies Provided to Company. Evidence of insurance for the coverage specified in this Article 18 (Insurance) shall be provided to Company within thirty (30)

Days after the Effective Date or prior to the start of construction, whichever shall first occur. Within 30 Days of any change of any policy and upon renewal of any policy, Seller shall provide certificates of insurance to Company. During the Term, Seller, upon Company's reasonable request, shall make available to Company for its inspection at Seller's designated location, certified copies of the insurance policies described in this Article 18 (Insurance) and Attachment R (Required Insurance). Receipt of any evidence of insurance showing less coverage than requested is not a waiver of Seller's obligations to fulfill the requirements.

- 18.5 Deductibles. Company acknowledges that any policy required herein may contain reasonable deductibles or self-insured retentions, the amounts of which will be reviewed for acceptance by Company. Acceptance will not be unreasonably withheld. Any deductible shall be the responsibility of Seller.
- 18.6 Application of Proceeds from All Risk Property/Comprehensive Boiler and Machinery Insurance. Seller shall use commercially reasonable efforts to obtain provisions in the Financing Documents, on reasonable terms, providing for the insurance proceeds from All Risk Property/Comprehensive Boiler and Machinery Insurance to be applied to repair of the Facility.
- 18.7 Annual Review by Company. The coverage limits shall be reviewed annually by Company and if, in Company's discretion, Company determines that the coverage limits should be increased to ensure commercially reasonable limits are maintained, Company shall so notify Seller. Seller shall, within thirty (30) Days of notice from Company, increase the coverage as directed in such notice and the costs of such increased coverage limits shall be borne by Seller. If the increase in coverage limits is not reasonably available and commercially feasible in the commercial insurance market, Seller shall provide notice to Company, accompanied by a letter from an independent insurance advisor of recognized national standing, certifying that such insurance is not reasonably available and commercially feasible in the commercial insurance market for energy storage locations of similar type, geographic location, and capacity.

- 18.8 No Representation of Coverage Adequacy. By requiring insurance herein, Company does not represent that coverage and limits will necessarily be adequate to protect Seller, and such coverage and limits shall not be deemed as a limitation on Seller's liability under the indemnities granted to Company in this Agreement.
- 18.9 Subcontractors. Seller shall ensure that (a) its EPC contractor is separately covered by liability insurance policies equivalent in type and monetary limits as those required of Seller, as specified in Attachment R (Required Insurance) excluding, however, the Failure to Supply endorsement required under Section 2(i)(h) of Attachment R (Required Insurance); and (b) its EPC Contractor has required each of its subcontractors performing tasks directly related to the engineering, procurement, construction, energizing, pre-Commercial Operations testing and/or commissioning of the Facility are covered by insurance policies in type and in monetary amounts appropriate for the type of work such subcontractor is performing, including commercial general liability insurance that shall not be less than the greater of \$500,000 or the value of work to be performed by such subcontractor. All such insurance shall be provided at the sole cost of Seller or EPC Contractor or its aforementioned subcontractors.
- 18.10 General Insurance Requirements.
- (a) Each policy shall be specifically endorsed by blanket or otherwise to provide that Seller's insurance is primary. Any other insurance carried by Company will be excess only and not contribute with this insurance.
 - (b) Each policy is to be written by an insurer with a rating by A.M. Best Company, Inc. of "A-VII" or better.
 - (c) If any policy required herein is written on a claims-made basis, the Seller warrants that any retroactive date applicable to coverage under the policy precedes the Execution Date; and that continuous coverage will be maintained or an extended discovery period will be exercised for a period of three (3) years beginning from the end of the Term.
 - (d) If the limits of available liability coverage required herein become substantially reduced as a result of claim payments, Seller shall promptly, and in no event later

than thirty (30) Days after such substantial reduction, at its own expense, purchase additional liability insurance (if such coverage is available at commercially reasonable rates) to increase the amount of available coverage to the limits of liability coverage required herein.

ARTICLE 19
TRANSFERS, ASSIGNMENTS, AND FACILITY DEBT

- 19.1 Sale of the Facility. Seller shall comply with the requirements of Attachment P (Sale of Facility by Seller) before Seller's right, title or interest in the Facility, in whole or in part, including a Change in Control, may be disposed of (other than the disposition of equipment in the ordinary course of operating and maintaining the Facility). Any attempt by Seller to make any such disposition or Change in Control without fulfilling the requirements of Attachment P (Sale of Facility by Seller) shall be deemed null and void and shall constitute an Event of Default pursuant to Article 15 (Events of Default).
- 19.2 Assignment by Seller. This Agreement may not be assigned by Seller without the prior written consent of Company (such consent not to be unreasonably withheld, conditioned or delayed), provided that Seller shall have the right, without the consent of Company, to assign its interest in this Agreement (i) to a wholly-owned subsidiary or to an affiliated company under common control with the Parent Entity identified in the Project Specific Addendum, provided that such assignment does not impair the ability of Seller to perform its obligations under this Agreement; and (ii) as collateral security for purposes of arranging or rearranging debt and/or equity financing for the Facility, or for sale-leaseback financing, to assign all or any part of its rights or benefits, but not its obligations, to any lender providing debt financing for the Facility. Seller shall promptly provide written notice to Company of any assignment of all or part of this Agreement and Seller shall provide to Company information about the assignee and the assignee's operational experience reasonably requested by Company. Company shall not be required to incur any duty or obligation as a result of, or in connection with, such assignment made without its consent beyond those duties and obligations set forth in this Agreement, unless otherwise agreed to by Company in writing.
- 19.3 Company's Acknowledgment. In connection with any assignment relating to the Facility Debt pursuant to Section 19.2 (Assignment by Seller), Company shall, if requested by Seller and if its costs (including reasonable attorneys' fees of outside counsel) in responding to such request are paid by Seller: (i) execute and/or provide such Hawai'i-law

governed documents as may be reasonably requested by the Facility Lender and reasonably acceptable to Company, including, (aa) to acknowledge (1) such assignment and/or pledge/mortgage, (2) the right of the Facility Lender to receive copies of notices of Events of Default where the Seller is the Defaulting Party and (3) the Facility Lender's reasonable opportunity to cure such Events of Default and to exercise remedies to assume Seller's obligations under this Agreement, and (bb) estoppel certificates as to Seller's and Company's compliance with the terms and conditions of this Agreement; and (ii) provide a legal opinion as to the due authorization of such Company acknowledgment and estoppels.

19.4 Financing Document Requirements. Seller shall include in the terms of the Financing Documents as provisions for Company's benefit that provide that as a condition to the Facility Lender, or any purchaser, successor, assignee and/or designee of the Facility Lender ("Subsequent Owner"), succeeding to ownership or possession of the Facility as a result of the exercise of remedies under the Financing Documents, and thereafter operating the Facility to generate electric energy, such Facility Lender or Subsequent Owner shall, prior to operating the Facility for such purpose, have provided to Company, evidence reasonably acceptable to Company that such Subsequent Owner has (a) the qualifications, or has contracted with an entity having the qualifications, to operate the Facility in a manner consistent with the terms and conditions of this Agreement; and (b) assumed all of Seller's rights and obligations under this Agreement.

19.5 [RESERVED]

19.6 Reimbursement of Company Costs. Seller shall reimburse Company for costs and expenses incurred by Company (including reasonable attorneys' fees of outside counsel) in responding to Facility Lender's requests or as a result of any event of default by Seller under the Financing Documents, including but not limited to any assumption of Seller's obligations under Section 19.4 (Financing Document Requirements).

19.7 Assignment By Company. This Agreement shall not be assigned by Company without the prior written consent of Seller (which consent shall not be unreasonably withheld, conditioned or delayed); provided, however, that Company

shall have the right, without the consent of Seller, to assign its interest in this Agreement to any affiliated company owned in whole or in part by Hawaiian Electric Industries, Inc. ("HEI") so long as such assignee (a) shall have assumed all obligations of Company under this Agreement; and (b) is a utility regulated by the PUC.

- 19.8 Consequences for Failure to Comply. Any attempt to make any pledge, mortgage, grant of a security interest or collateral assignment for which consent is required under Section 19.2 (Assignment by Seller) or Section 19.7 (Assignment By Company) (as applicable), without fulfilling the requirements of this Article 19 (Transfers, Assignments, and Facility Debt) shall be null and void and shall constitute an Event of Default pursuant to Article 15 (Events of Default).

ARTICLE 20
SALE OF ENERGY TO THIRD PARTIES

Seller shall not sell energy from the Facility to any Third Party.

ARTICLE 21
FORCE MAJEURE

- 21.1 Definition of Force Majeure. The term "Force Majeure", as used in this Agreement, means any occurrence that:
- (a) In whole or in part delays or prevents a Party's performance under this Agreement;
 - (b) Is not the direct or indirect result of the fault or negligence of that Party;
 - (c) Is not within the control of that Party notwithstanding such Party having taken all reasonable precautions and measures in order to prevent or avoid such event; and
 - (d) The Party has been unable to overcome by the exercise of due diligence.
- 21.2 Events That Could Qualify as Force Majeure. Subject to the foregoing, events that could qualify as Force Majeure include, but are not limited to, the following:
- (a) acts of God, flooding, lightning, landslide, earthquake, fire, drought, explosion, epidemic, quarantine, storm, hurricane, tornado, volcano, other natural disaster or unusual or extreme adverse weather-related events;
 - (b) war (declared or undeclared), riot or similar civil disturbance, acts of the public enemy (including acts of terrorism), sabotage, blockade, insurrection, revolution, expropriation or confiscation; or
 - (c) except as set forth in Section 21.3(j), strikes, work stoppage or other labor disputes (in which case the affected Party shall have no obligation to settle the strike or labor dispute on terms it deems unreasonable).
- 21.3 Exclusions From Force Majeure. Force Majeure does not include:
- (a) any acts or omissions of any Third Party, including, without limitation, any vendor, materialman, customer, or supplier of Seller, unless such acts or omissions are themselves excused by reason of Force Majeure;

- (b) any full or partial reduction in the availability of the Facility to provide the Energy Storage Services in response to Company Dispatch that is caused by or arises from (i) a mechanical or equipment breakdown or (ii) other mishap or events or conditions attributable to normal wear and tear or defects, unless such mishap is caused by Force Majeure;
- (c) changes in market conditions that affect the cost of Seller's supplies, or that affect demand or price for any of Seller's products, or that otherwise render this Agreement uneconomic or unprofitable for Seller;
- (d) Seller's inability to obtain Governmental Approvals or Land Rights for the construction, ownership, operation and maintenance of the Facility and the Company-Owned Interconnection Facilities, or Seller's loss of any such Governmental Approvals or Land Rights once obtained, except, in the case of Seller's inability to obtain Governmental Approvals, such inability is attributable solely to the Governmental Authority responsible for issuing such approval where Seller has provided satisfactory evidence that: (i) all commercially reasonable measures have been taken by Seller to timely apply for such Governmental Approval and to timely respond to questions, revisions and clarifications required by such Governmental Authority in connection with such Governmental Approval; and (ii) all required information, requirements and conditions necessary to issue such Governmental Approval have been met;
- (e) [RESERVED]
- (f) Seller's inability to obtain sufficient fuel, power or materials to operate its Facility, except if Seller's inability to obtain sufficient fuel, power or materials is caused solely by an event of Force Majeure;
- (g) 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 Company pursuant to this Agreement;
- (h) a forced outage except where such forced outage is caused by an event of Force Majeure;

- (i) litigation or administrative or judicial action pertaining to the Agreement, the Site, the Facility, the Land Rights, the acquisition, maintenance or renewal of financing or any Governmental Approvals, or the design, construction, ownership, operation or maintenance of the Facility, the Company-Owned Interconnection Facilities or the Company System;
- (j) a strike, work stoppage or labor dispute limited only to any one or more of the Indemnified Seller Parties or any other third party employed by Seller to work on the Project; or
- (k) any full or partial reduction in the availability of the Facility to receive and deliver to the Point of Interconnection electric energy in response to Company Dispatch which is caused by any Third Party including, without limitation, any vendor or supplier of Seller or Company, except to the extent due to Force Majeure.

21.4 Satisfaction of Certain Conditions. Section 21.5 (Guaranteed Project Milestones Including Commercial Operations), Section 21.6 (Termination for Force Majeure) and Section 21.7 (Effect of Force Majeure) defer or limit certain liabilities of a Party for delay and/or failure in performance to the extent such delay or failure is the result of conditions or events of Force Majeure; provided, however, that a Non-performing Party is only entitled to such limitations or deferrals of liabilities as and to the extent the following conditions are satisfied:

- (a) the Non-performing Party gives the other Party, within five (5) Days after the Non-performing Party becomes aware or should have become aware of the Force Majeure condition or event, but in any event no later than thirty (30) Days after the Force Majeure condition or event begins, written notice (the "Force Majeure Notice") stating that the Non-performing Party considers such condition or event to constitute Force Majeure and describing the particulars of such Force Majeure condition or event, including the date the Force Majeure commenced;
- (b) the Non-performing Party gives the other Party, within fourteen (14) Days after the Force Majeure Notice was or should have been provided, a written explanation of the Force Majeure condition or event and its effect on the

Non-performing Party's performance, which explanation shall include evidence reasonably sufficient to establish that the occurrence constitutes Force Majeure;

- (c) the suspension of performance is of no greater scope and of no longer duration than is required by the condition or event of Force Majeure;
- (d) the Non-performing Party exercises commercially reasonable efforts to remedy its inability to perform and provides written weekly progress reports to the other Party describing actions taken to end the Force Majeure; and
- (e) when the condition or event of Force Majeure ends and the Non-performing Party is able to resume performance of its obligations under this Agreement, that Party shall give the other Party written notice to that effect.

21.5 Guaranteed Project Milestones Including Commercial Operations. The Parties shall have the rights and obligations set forth in Article 13 (Guaranteed Project Milestones Including Commercial Operations) in the event a condition or event of Force Majeure affects the achievement of a Guaranteed Project Milestone Date, including the Guaranteed Commercial Operations Date.

21.6 Termination for Force Majeure. If Force Majeure delays or prevents a Party's performance for more than three hundred sixty-five (365) Days from the occurrence or inception of the Force Majeure, as stated in the Force Majeure Notice, and such delay or failure of performance would have otherwise constituted an Event of Default under Article 15 (Event of Default), the other Party shall have the right to terminate this Agreement by written notice. Such notice shall designate the date such termination is to be effective, which date shall be no later than thirty (30) Days after such notice is deemed to be received by the Party whose performance has been delayed or prevented. In the event of termination pursuant to this Section 21.6 (Termination for Force Majeure), neither Party shall be liable for any damages or have any obligations to the other, except as provided in Section 29.25 (Survival of Obligations) other than as provided in Section 29.25(b).

- 21.7 Effect of Force Majeure. Other than as provided in Section 21.5 (Guaranteed Project Milestones Including Commercial Operations) and Section 21.6 (Termination for Force Majeure), neither Party shall be responsible or liable for any delays or failures in its performance under this Agreement as and to the extent (i) such delays or failures are substantially caused by conditions or events of Force Majeure, and (ii) the conditions of Section 21.4 (Satisfaction of Certain Conditions) are satisfied.
- 21.8 No Relief of Other Obligations. Except as otherwise expressly provided for in this Agreement, the existence of a condition or event of Force Majeure shall not relieve the Parties of their obligations under this Agreement (including, but not limited to, payment obligations) to the extent that performance of such obligations is not precluded by the condition or event of Force Majeure.
- 21.9 No Extension of the Term. In no event will any delay or failure of performance caused by any conditions or events of Force Majeure extend this Agreement beyond its stated Term.

ARTICLE 22
WARRANTIES AND REPRESENTATIONS

22.1 By the Parties. Both Company and Seller represent, warrant, and covenant, as of the Execution Date and for the extent of the Term, respectively, that:

- (a) Each respective Party has all necessary right, power and authority to execute, deliver and perform this Agreement.
- (b) The execution, delivery and performance of this Agreement by each respective Party will not result in a violation of any Laws, or conflict with, or result in a breach of, or cause a default under, any agreement or instrument to which such Party is also a party or by which it is bound. No consent of any person or entity not a Party to this Agreement, including any Governmental Authority (other than agencies whose approval is necessary for the development, construction, operation and maintenance of the Facility and the Company-Owned Interconnection Facilities or the PUC), is required for such execution, delivery and performance by either Party.

22.2 By Seller. Seller represents, warrants, and covenants that:

- (a) As of the Execution Date and for the extent of the Term, it is an entity in good standing with the Hawai'i Department of Commerce and Consumer Affairs and shall provide Company with a certified copy of a certificate of good standing by the Execution Date.
- (b) As of the Execution Date, Seller is a subsidiary of the Parent Entity identified in the Project Specific Addendum, a company with extensive experience developing, constructing, owning and operating utility-scale energy storage facilities.
- (c) Seller has obtained or will obtain Land Rights within the time periods set forth in Section 11.2 (Land Rights for Facility) and Section 11.3 (Company-Owned Interconnection Facilities).
- (d) At the time legally required, Seller shall have obtained
 - (i) all Governmental Approvals for the construction, ownership, operation and maintenance of the

Company-Owned Interconnection Facilities and (ii) all Governmental Approvals necessary for the construction, ownership, operation and maintenance of the Facility.

- (e) As of the Commercial Operations Date and for the extent of the Term, Discharge Energy shall be delivered to Company free and clear of all liens, security interests, claims and encumbrances or any other interest therein or thereto by any person.

ARTICLE 23
PROCESS FOR ADDRESSING CERTAIN REVISIONS

23.1 Revisions to Performance Standards. The Parties acknowledge that, during the Term, certain Performance Standards and Telemetry and Control interfaces may be revised or added to facilitate necessary improvements in integrating energy storage resources into the Company System and operations. Such revisions or additions may be attributable to, without limitation, the following: changes in penetration levels of intermittent renewable resources on the Company System, changes in the Company System, changes in communications and control platforms, changes in system protection requirements, changes to the state of commercially available technology, changes to Company-owned generation resources, changes in customer electrical usage (such as changes in average hourly load profiles), and changes in Laws (e.g., new environmental constraints, which may limit Company's ability to start/stop its generators in response to integration of intermittent generation, or constraints impacting the power quality standards for the Company System, such as constraints imposed by HERA or by the PUC under the HERA Law). Changes in Facility characteristics achieved through control system configuration, settings, or other tunable parameters shall not be considered a revision to performance standards. These types of changes should be implemented by the Seller in response to Company request unless it can be shown that the changes negatively impact the Seller's ability to meet its obligations under this Agreement.

23.2 Company Request.

- (a) Performance Standards Information Request. If Company concludes that a Performance Standards Revision is necessary or important for the operation of the Company System and is capable of being complied with by Seller, Company shall have the right to issue to Seller a Performance Standards Information Request with respect to such Performance Standards Revision. Seller shall, within a reasonable period of time following Seller's receipt of such Performance Standards Information Request, but in no event more than 90 Days after Seller's receipt of such Request (or such other period of time as Company and Seller may agree in writing), submit to Company a Performance Standards Proposal

responsive to the Performance Standards Revision proposed in such Performance Standards Information Request.

(b) [RESERVED]

- 23.3 Seller Proposal. Upon receipt of a Performance Standards Proposal submitted in response to a Performance Standards Information Request, Company will evaluate such Performance Standards Proposal and Seller shall assist Company in performing such evaluation as and to the extent reasonably requested by Company (including, but not limited to, providing such additional information as Company may reasonably request and participating in meetings with Company as Company may reasonably request). Company shall have no obligation to evaluate a Performance Standards Proposal submitted at Seller's own initiative.
- 23.4 Revision Document. If, following Company's evaluation of a Performance Standards Proposal, Company desires to consider implementing the changes addressed in such Proposal (including, if applicable, any Performance Standards Revisions), Company shall provide Seller with written notice to that effect, such notice to be issued to Seller within 180 Days of receipt of the Performance Standards Proposal, and Company and Seller shall proceed to negotiate in good faith a Revision Document setting forth the specific revisions to the Agreement that are necessary to implement the changes addressed in the Performance Standards Proposal (including, if applicable, any Performance Standards Revision). A decision by Company to initiate negotiations with Seller as aforesaid shall not constitute an acceptance by Company of any of the details set forth in the Performance Standards Proposal in question, including but not limited to the proposed revisions to the Agreement and the Modification Pricing Impact. Any adjustment to the payments due from Company under this Agreement pursuant to such Revision Document shall be limited to the Modification Pricing Impact (other than with respect to the financial consequences of non-performance as to a Performance Standards Revision). The time periods set forth in such Revision Document as to the effective date for the Revision Modification shall be measured from the date the PUC Revision Order becomes non-appealable as provided in Section 23.6 (PUC Modification Revision Order).

- 23.5 Failure to Reach Agreement. If Company and Seller are unable to agree upon and execute a Revision Document within 180 Days of Company's written notice to Seller pursuant to Section 23.4 (Revision Document), Company shall have the option of declaring the failure to reach agreement on and execute such Revision Document to be a dispute and submit such dispute to an Independent Evaluator for the conduct of a determination pursuant to Section 23.10 (Dispute) of this Agreement. Any decision of the Independent Evaluator, rendered as a result of such dispute shall include a form of a Revision Document as described in Section 23.4 (Revision Document).
- 23.6 PUC Revision Order. No Revision Document shall constitute an amendment to the Agreement unless and until a PUC Revision Order issued with respect to such Document has become non-appealable. Once the condition of the preceding sentence has been satisfied, such Revision Document shall constitute an amendment to this Agreement. To be "non-appealable" under this Section 23.6 (PUC Revision Order), such PUC Revision Order shall be either (i) not subject to appeal to any Circuit Court of the State of Hawai'i or the Supreme Court of the State of Hawai'i, because the thirty (30) Day period (accounting for weekends and holidays as appropriate) permitted for such an appeal has passed without the filing of notice of such an appeal, or (ii) affirmed on appeal to any Circuit Court of the State of Hawai'i or the Supreme Court, or the Intermediate Appellate Court upon assignment by the Supreme Court, of the State of Hawai'i, or affirmed upon further appeal or appellate process, and is not subject to further appeal, because the jurisdictional time permitted for such an appeal (and/or further appellate process such as a motion for reconsideration or an application for writ of certiorari) has passed without the filing of notice of such an appeal (or the filing for further appellate process).
- 23.7 Company's Rights. The rights granted to Company under Section 23.4 (Revision Document) and Section 23.5 (Failure to Reach Agreement) above are exclusive to Company. Seller shall not have a right to initiate negotiations of a Revision Document or to initiate dispute resolution under Section 23.10 (Dispute), as a result of a failure to agree upon and execute any Revision Document.

- 23.8 Seller's Obligation. Notwithstanding any provision of this Article 23 (Process for Addressing Certain Revisions) to the contrary, Seller shall have no obligation to respond to more than one Performance Standards Information Request during any 12-month period.
- 23.9 Limited Purpose. This Article 23 (Process for Addressing Certain Revisions) is intended to specifically address necessary revisions to the Performance Standards and Telemetry and Control interfaces to enhance integration of energy storage resources onto the Company System, or to comply with future Laws which may be driven in part by higher integration of intermittent resources and/or energy storage resources, and is not intended for either Party to provide a means for renegotiating any other terms of this Agreement. Revisions in accordance with the provisions of this Article 23 (Process for Addressing Certain Revisions) are not intended to materially increase Seller's risk of non-performance or default.
- 23.10 Dispute. If Company decides to declare a dispute as a result of the failure to reach agreement and execute a Revision Document pursuant to Section 23.5 (Failure to Reach Agreement), it shall provide written notice to that effect to Seller. Within 20 Days of delivery of such notice Seller and Company shall agree upon an Independent Evaluator to resolve the dispute regarding a Revision Document. The Independent Evaluator shall be reasonably qualified and expert in battery energy storage systems, matters relating to the Performance Standards, financing, and energy storage purchase agreements. If the Parties are unable to agree upon an Independent Evaluator within such 20-Day period, Company shall apply to the PUC for the appointment of an Independent Evaluator. If an Independent Observer retained under the Competitive Bidding Framework is qualified and willing and available to serve as Independent Evaluator, the PUC shall appoint one of the persons or entities qualified to serve as an Independent Observer to be the Independent Evaluator; if not, the PUC shall appoint another qualified person or entity to serve as Independent Evaluator. In its application, Company shall ask the PUC to appoint an Independent Evaluator within 30 Days of the application.
- (a) Promptly upon appointment, the Independent Evaluator shall request the Parties to address the following matters within the next 15 Days:

- (1) If the Revision Document is for purposes of implementing Performance Standards Revision(s):
 - (aa) The Performance Standards Revision(s);
 - (bb) The technical feasibility of complying with the Performance Standards Revision(s) and likelihood of compliance;
 - (cc) How Seller would comply with the Performance Standards Revision(s); and
 - (dd) Reasonably expected net costs and/or lost revenues associated with the Performance Standards Revision(s);
 - (2) [RESERVED]
 - (3) The appropriate level, if any, of the Revision Modification Pricing Impact in light of the foregoing; and
 - (4) Contractual consequences for non-performance (including any non-performance of any revised Performance Standard(s)) that are commercially reasonable under the circumstances.
- (b) Within 90 Days of appointment, the Independent Evaluator shall render a decision unless the Independent Evaluator determines it needs to have additional time, not to exceed 45 Days, to render a decision.
- (c) The Parties shall assist the Independent Evaluator throughout the process of preparing its review, including making key personnel and records available to the Independent Evaluator, but neither Party shall be entitled to participate in any meetings with personnel of the other Party or review of the other Party's records. However, the Independent Evaluator will have the right to conduct meetings, hearings or oral arguments in which both Parties are represented. The Parties may meet with each other during the review process to explore means of resolving the matter on mutually acceptable terms.
- (d) The following standards shall be applied by the Independent Evaluator in rendering his or her decision

with respect to a Performance Standards Revision: (i) if it is not technically or operationally feasible for Seller to comply with a Performance Standards Revision, the Independent Evaluator shall determine that the Agreement shall not be amended to incorporate such Performance Standards Revision (unless the Parties agree otherwise); (ii) if it is technically or operationally feasible for Seller to comply with a Performance Standards Revision, the Independent Evaluator shall incorporate such Performance Standards Revision into a Revision Document including (aa) Revision Modifications, (bb) pricing terms that incorporate the Revision Modification Pricing Impact, and (cc) contract terms and conditions that are commercially reasonable under the circumstances, especially with respect to the consequences of non-performance by Seller as to Performance Standards Revision(s). In addition to the Revision Document, the Independent Evaluator shall render a decision which sets forth the positions of the Parties and Independent Evaluator's rationale for his or her decisions on disputed issues.

(e) [RESERVED]

(f) The fees and costs of the Independent Evaluator shall be paid by Company up to the first \$30,000 of such fees and costs; above those amounts, the Party that is not the prevailing Party shall be responsible for any such fees and costs; provided, that, if neither Party is the prevailing Party, then the fees and costs of the Independent Evaluator above \$30,000, shall be borne equally by the Parties. The Independent Evaluator in rendering his or her decision shall also state which Party prevailed over the other Party, or that neither Party prevailed over the other.

23.11 HERA Law. The provisions of this Article 23 (Process for Addressing Certain Revisions) are without limitation to the obligations of the Parties under the HERA Law and the reliability standards and interconnection requirements developed and adopted by the PUC pursuant to the HERA Law.

ARTICLE 24
FINANCIAL COMPLIANCE

- 24.1 Financial Compliance. Seller shall provide or cause to be provided to Company on a timely basis, as reasonably determined by Company, all information, including but not limited to information that may be obtained in any audit referred to below (the "Financial Compliance Information"), reasonably requested by Company for purposes of permitting Company and its parent company, HEI, to comply with the requirements (initial and on-going) of (i) the accounting principles of Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") 810, Consolidation ("FASB ASC 810"), (ii) FASB ASC 842, Leases, (iii) Section 404 of the Sarbanes-Oxley Act of 2002 ("SOX 404"), and (iv) all clarifications, interpretations and revisions of and regulations implementing FASB ASC 810, SOX 404, and FASB ASC 842 issued by the FASB, Securities and Exchange Commission, the Public Company Accounting Oversight Board, Emerging Issues Task Force or other Governmental Authorities. In addition, if required by Company in order to meet its compliance obligations, Seller shall allow Company or its independent auditor to audit, to the extent reasonably required, Seller's financial records, including its system of internal controls over financial reporting; provided, however, that Company shall be responsible for all costs associated with the foregoing, including but not limited to Seller's reasonable internal costs. Company shall limit access to such Financial Compliance Information to persons involved with such compliance matters and restrict persons involved in Company's monitoring, dispatch or scheduling of Seller and/or Facility, or the administration of this Agreement, from having access to such Financial Compliance Information (unless approved in writing in advance by Seller).
- 24.2 Confidentiality. Company shall, and shall cause HEI to, maintain the confidentiality of the Financial Compliance Information as provided in this Article 24 (Financial Compliance). Company may share the Information on a confidential basis with HEI and the independent auditors and attorneys for HEI. (Company, HEI, and their respective independent auditors and attorneys are collectively referred to in this Article 24 (Financial Compliance) as "Recipient".) If either Company or HEI, in the exercise of their respective reasonable judgments, concludes that

consolidation or financial reporting with respect to Seller and/or this Agreement is necessary, Company and HEI each shall have the right to disclose such of the Financial Compliance Information as Company or HEI, as applicable, reasonably determines is necessary to satisfy applicable disclosure and reporting or other requirements and give Seller prompt written notice thereof (in advance to the extent practicable under the circumstances). If Company or HEI disclose Financial Compliance Information pursuant to the preceding sentence, Company and HEI shall, without limitation to the generality of the preceding sentence, have the right to disclose Financial Compliance Information to the PUC and the Division of Consumer Advocacy of the Department of Commerce and Consumer Affairs of the State of Hawai'i ("Consumer Advocate") in connection with the PUC's rate making activities for Company and other HEI affiliated entities, provided that, if the scope or content of the Financial Compliance Information to be disclosed to the PUC exceeds or is more detailed than that disclosed pursuant to the preceding sentence, such Financial Compliance Information will not be disclosed until the PUC first issues a protective order to protect the confidentiality of such Financial Compliance Information. Neither Company nor HEI shall use the Financial Compliance Information for any purpose other than as permitted under this Article 24 (Financial Compliance).

- 24.3 Required Disclosure. In circumstances other than those addressed in Section 24.2 (Confidentiality), if any Recipient becomes legally compelled under applicable Laws or by legal process (e.g., deposition, interrogatory, request for documents, subpoena, civil investigative demand or similar process) to disclose all or a portion of the Financial Compliance Information, such Recipient shall undertake reasonable efforts to provide Seller with prompt notice of such legal requirement prior to disclosure so that Seller may seek a protective order or other appropriate remedy and/or waive compliance with the terms of this Article 24 (Financial Compliance). If such protective order or other remedy is not obtained, or if Seller waives compliance with the provisions at this Article 24 (Financial Compliance), Recipient shall furnish only that portion of the Financial Compliance Information which it is legally required to so furnish and to use reasonable efforts to obtain assurance that confidential treatment will be accorded to any disclosed material.

24.4 Exclusions from Confidentiality. The obligation of nondisclosure and restricted use imposed on each Recipient under this Article 24 (Financial Compliance) shall not extend to any portion(s) of the Financial Compliance Information which (i) was known to such Recipient prior to receipt, or (ii) without the fault of such Recipient is available or becomes available to the general public, or (iii) is received by such Recipient from a Third Party not bound by an obligation or duty of confidentiality.

24.5 Consolidation. Company does not want to be subject to consolidation as set forth in FASB ASC 810, as issued and amended from time to time by FASB.

(a) Consolidation. Company represents that, as of the Execution Date, it is not required to consolidate Seller into its financial statements in accordance with relevant accounting guidance under U.S. generally accepted accounting principles ("GAAP"). If, due to a change in applicable law or accounting guidance under U.S. GAAP, or as a result of a material amendment to the Agreement, in each case, after the Execution Date, Company determines, in its sole but good faith discretion, that it is required to consolidate Seller into its financial statements in accordance with relevant accounting guidance in accordance with U.S. GAAP, then Seller, upon Company's written request, shall, as soon as reasonably practicable (but in no event longer than fifteen (15) Days) provide audited financial statements (including footnotes) in accordance with U.S. GAAP (and as of the reporting periods Company is required to report thereafter) in order for Company to consolidate and file its financial statements within the reporting deadlines of the Securities and Exchange Commission. If Seller does not normally prepare audited financial statements for the periods requested, Company shall reimburse Seller fifty percent (50%) of the reasonable and verifiable costs of having necessary audits performed and preparation of the audited financial statements; provided that the foregoing reimbursement shall not include the costs, whether actual or estimated, of preparing unaudited financial statements. Notwithstanding the foregoing requirement that Seller provide audited financial statements to Company, the Parties will take all commercially reasonable steps, which may include modification of this

Agreement to eliminate the consolidation treatment, while preserving the economic "benefit of the bargain" to both Parties. If the Parties are unable to eliminate the consolidation treatment by other means, the Parties shall effectuate a sale of the Facility to Company at (i) if the sale occurs before the end of the thirteenth (13th) Contract Year, the greater of the Make Whole Amount determined pursuant to Section 6 (Make Whole Amount) of Attachment P (Sale of Facility of Seller) or the fair market value determined pursuant to Section 3 (Procedure to Determine Fair Market Value of the Facility) of Attachment P (Sale of Facility by Seller), or (ii) if the sale occurs on or after the beginning of the fourteenth (14th) Contract Year, the fair market value determined pursuant to Section 3 (Procedure to Determine Fair Market Value of the Facility) of Attachment P (Sale of Facility by Seller), but not less than the Financial Termination Costs determined pursuant to Section 6 (Make Whole Amount) of Attachment P (Sale of Facility by Seller), in either case under a Purchase and Sale Agreement to be negotiated based on the terms and conditions set forth in Section 4 (Purchase and Sale Agreement) of Attachment P (Sale of Facility by Seller).

ARTICLE 25
GOOD ENGINEERING AND OPERATING PRACTICES

- 25.1 General. Each Party agrees to install, operate and maintain its respective equipment and facility and to perform all obligations required to be performed by such Party under this Agreement in accordance with Good Engineering and Operating Practices and applicable Laws.
- 25.2 Specifications, Determinations and Approvals. Wherever in this Agreement Company has the right to give specifications, determinations or approvals, such specifications, determinations or approvals shall be given in accordance with Company's standard practices, policies and procedures and shall not be unreasonably withheld.
- 25.3 No Endorsement, Warranty or Waiver. Any such specifications, determinations, or approvals shall not be deemed to be an endorsement, warranty, or waiver of any right of Company.
- 25.4 Consultants List. Prior to the Commercial Operations Date, the Parties shall agree on a list of names of engineering firms to be attached as Attachment D (Consultants List) in accordance with Section 4 (Maintenance of Seller-Owned Interconnection Facilities) of Attachment B (Facility Owned by Seller).

ARTICLE 26
EQUAL EMPLOYMENT OPPORTUNITY

- 26.1 Equal Employment Opportunity. (Applicable to all contracts of \$10,000 or more in the whole or aggregate. 41 CFR 60-1.4 and 41 CFR 60-741.5.) Seller is aware of and is fully informed of Seller's responsibilities under Executive Order 11246 (reference to which include amendments and orders superseding in whole or in part) and shall be bound by and agrees to the applicable provisions as contained in Section 202 of said Executive Order and the Equal Opportunity Clause as set forth in 41 CFR 60-1.4 and 41 CFR 60-741.5(a), which clauses are hereby incorporated by reference.
- 26.2 Equal Opportunity For Disabled Veterans, Recently Separated Veterans, Other Protected Veterans and Armed Forces Service Medal Veterans. Applicable to (i) contracts of \$25,000 or more entered into before December 31, 2003 (41 CFR 60-250.4) or (ii) each federal government contract of \$100,000 or more, entered into or modified on or after December 31, 2003 (41 CFR 60-300.4) for the purchase, sale or use of personal property or nonpersonal services (including construction.) If applicable to Seller under this Agreement, Seller agrees that it is, and shall remain, in compliance with the rules and regulations promulgated under The Vietnam Era Veterans Readjustment Assistance Act of 1974, as amended by the Jobs for Veterans Act of 2002, including the requirements of 41 CFC 60-250.5(a) (for orders/contracts entered into before December 31, 2003) and 41 CFR 60-300.5(a) (for orders/contracts entered into or modified on or after December 31, 2003) which are incorporated into this Agreement by reference.

ARTICLE 27
SET OFF

Company shall have the right to set off any payment due and owing by Seller, including but not limited to any payment under this Agreement and any payment due under any award made under Article 28 (Dispute Resolution), against Company's payments of subsequent monthly invoices as necessary.

ARTICLE 28
DISPUTE RESOLUTION

- 28.1 Good Faith Negotiations. Except as otherwise expressly set forth in this Agreement, before submitting any claims, controversies or disputes ("Dispute(s)") under this Agreement to the dispute resolution procedures set forth in Section 28.2 (Dispute Resolution Procedures, Mediation), the presidents, vice presidents, or authorized delegates from both Seller and Company having full authority to settle the Dispute(s), shall personally meet in Hawai'i and attempt in good faith to resolve the Dispute(s) (the "Management Meeting").
- 28.2 Dispute Resolution Procedures, Mediation. Except as otherwise expressly set forth in this Agreement and subject to Section 28.1 (Good Faith Negotiations), any and all Dispute(s) arising out of or relating to this Agreement, (i) which remain unresolved for a period of 20 Days after the Management Meeting takes place or (ii) for which the Parties fail to hold a Management Meeting within 60 Days of the date that a Management Meeting was requested by a Party, may upon the agreement of the Parties, first be submitted to confidential mediation in Honolulu, Hawai'i pursuant to the administration by, and in accordance with the Mediation Rules, Procedures and Protocols of, Dispute Prevention & Resolution, Inc. (or its successor) or, in their absence, the American Arbitration Association ("DPR") then in effect. If the Parties agree to submit the dispute to confidential mediation, the Parties shall each pay 50% of the cost of the mediation (i.e., the fees and expenses charged by the mediator and DPR) and shall otherwise each bear their own mediation costs and attorneys' fees. If the Parties do not submit the Dispute(s) to mediation, or if they do submit the Dispute(s) to mediation but settlement of the Dispute(s) is not reached within 60 Days after commencement of the mediation, either Party may initiate legal proceedings in a court of competent jurisdiction in the State of Hawai'i.
- 28.3 Exclusions. The provisions of this Article 28 (Dispute Resolution) shall not apply to any disputes within the authority of any of (i) an Independent Evaluator under Article 23 (Process for Addressing Certain Revisions) or (ii) an Independent AF Evaluator under Attachment T (Quarterly Reporting and Dispute Resolution by Independent AF Evaluator).

28.4 Document Retention. If either party initiates dispute resolution under this Article 28 (Dispute Resolution), then each Party must retain and preserve all records, including documents, which may be relevant to such Dispute, in accordance with applicable Laws until such Dispute is resolved.

ARTICLE 29
MISCELLANEOUS

- 29.1 Amendments. Any amendment or modification of this Agreement or any part hereof shall not be valid unless in writing and signed by the Parties. Any waiver hereunder shall not be valid unless in writing and signed by the Party against whom waiver is asserted. Notwithstanding the foregoing, administrative changes mutually agreed by Company and Seller in writing, such as changes to settings shown in Attachment E (Single-Line Drawing and Interface Block Diagram) and Attachment F (Relay List and Trip Scheme) and changes to numerical values of Performance Standards in Section 3 (Performance Standards) of Attachment B (Facility Owned by Seller) shall not be considered amendments to this Agreement requiring PUC approval.
- 29.2 Binding Effect. This Agreement shall be binding upon and inure to the benefit of the Parties hereto and their respective successors, legal representatives, and permitted assigns.
- 29.3 Notices.
- (a) All notices, consents and waivers under this Agreement shall be in writing and will be deemed to have been duly given when (i) delivered by hand, (ii) sent by electronic mail ("E-mail") (provided receipt thereof is confirmed via E-mail or in writing by recipient), (iii) sent by certified mail, return receipt requested, or (iv) when received by the addressee, if sent by a nationally recognized overnight delivery service (receipt requested), in each case to the appropriate addresses and E-mail addresses set forth in the Project Specific Addendum (or to such other addresses and E-mail addresses as a Party may designate by notice to the other Party).
- (b) Notice sent by mail shall be deemed to have been given on the date of actual delivery or at the expiration of the fifth Day after the date of mailing, whichever is earlier. Any Party hereto may change its address for written notice by giving written notice of such change to the other Party hereto.
- (c) Any notice delivered by E-mail shall request a receipt thereof confirmed by E-mail or in writing by the

recipient and followed by personal or mail delivery of such correspondence and attachments as may be requested by the recipient, and the effective date of such notice shall be the date of receipt, provided such receipt has been confirmed by the recipient.

- (d) The Parties may agree in writing upon additional means of providing notices, consents and waivers under this Agreement in order to adapt to changing technology and commercial practices.

- 29.4 Effect of Section and Attachment Headings. The Table of Contents and paragraph headings of the various sections and attachments have been inserted in this Agreement as a matter of convenience for reference only and shall not modify, define or limit any of the terms or provisions hereof and shall not be used in the interpretation of any term or provision of this Agreement.
- 29.5 Non-Waiver. Except as otherwise provided in this Agreement, no delay or forbearance of Company or Seller in the exercise of any remedy or right will constitute a waiver thereof, and the exercise or partial exercise of a remedy or right shall not preclude further exercise of the same or any other remedy or right.
- 29.6 Relationship of the Parties. Nothing in this Agreement shall be deemed to constitute either Party hereto as partner, agent or representative of the other Party or to create any fiduciary relationship between the Parties. Seller does not hereby dedicate any part of Facility to serve Company, Company's customers or the public.
- 29.7 Entire Agreement. This Energy Storage Purchase Agreement, the Project Specific Addendum, the IRS Letter Agreement and the GHG Letter Agreement (together with any confidentiality or non-disclosure agreements entered into by the Parties during the process of negotiating this Agreement and/or discussing the specifications of the Facility) constitutes the entire agreement between the Parties relating to the subject matter hereof, superseding all prior agreements, understandings or undertakings, oral or written. Each of the Parties confirms that in entering into this Agreement, it has not relied on any statement, warranty or other representations (other than those set out in this Agreement) made or information supplied by or on behalf of the other Party.

- 29.8 Governing Law, Jurisdiction and Venue. Interpretation and performance of this Agreement shall be in accordance with, and shall be controlled by, the laws of the State of Hawai'i, other than the laws thereof that would require reference to the laws of any other jurisdiction. By entering into this Agreement, Seller submits itself to the personal jurisdiction of the courts of the State of Hawai'i and agrees that the proper venue for any civil action arising out of or relating to this Agreement shall be Honolulu, Hawai'i.
- 29.9 Limitations. Nothing in this Agreement shall limit Company's ability to exercise its rights as specified in Company's Tariff as filed with the PUC, or as specified in General Order No. 7 of the PUC's Standards for Electric Utility Service in the State of Hawai'i, as either may be amended from time to time.
- 29.10 Further Assurances. If either Party determines in its reasonable discretion that any further instruments, assurances or other things are necessary or desirable to carry out the terms of this Agreement, the other Party will execute and deliver all such instruments and assurances and do all things reasonably necessary or desirable to carry out the terms of this Agreement.
- 29.11 Electronic Signatures and Counterparts. The parties agree that this Agreement and any subsequent writings, including amendments, may be executed and delivered by exchange of executed copies via E-mail or other acceptable electronic means, and in electronic formats such as Adobe PDF or other formats mutually agreeable between the parties which preserve the final terms of this Agreement or such writing. A party's signature transmitted by facsimile, E-mail, or other acceptable electronic means shall be considered an "original" signature which is binding and effective for all purposes of this Agreement. This Agreement may be executed in counterparts, each of which shall be deemed an original, and all of which shall together constitute one and the same instrument binding all Parties notwithstanding that all of the Parties are not signatories to the same counterparts. For all purposes, duplicate unexecuted and unacknowledged pages of the counterparts may be discarded and the remaining pages assembled as one document.

- 29.12 Definitions. Capitalized terms used in this Agreement and not otherwise defined in the context in which they first appear are defined in the Definitions Section.
- 29.13 Severability. If any term or provision of this Agreement, or the application thereof to any person, entity or circumstances is to any extent invalid or unenforceable, the remainder of this Agreement, or the application of such term or provision to persons, entities or circumstances other than those as to which it is invalid or unenforceable, shall not be affected thereby, and each term and provision of this Agreement shall be valid and enforceable to the fullest extent permitted by law, and the Parties will take all commercially reasonable steps, including modification of the Agreement, to preserve the economic "benefit of the bargain" to both Parties notwithstanding any such aforesaid invalidity or unenforceability.
- 29.14 Settlement of Disputes. Except as otherwise expressly provided, any dispute or difference arising out of this Agreement or concerning the performance or the non-performance by either Party of its obligations under this Agreement shall be determined in accordance with the dispute resolution procedures set forth in Article 28 (Dispute Resolution) of this Agreement.
- 29.15 [RESERVED]
- 29.16 Schedule of Defined Terms and Attachments. The Schedule of Defined Terms and each Attachment to this Agreement constitute essential and necessary parts of this Agreement.
- 29.17 Proprietary Rights. Seller agrees that in fulfilling its responsibilities under this Agreement, it will not use any process, program, design, device or material that infringes on any United States patent, trademark, copyright or trade secret ("Proprietary Rights"). Seller agrees to indemnify, defend and hold harmless the Indemnified Company Party from and against all losses, damages, claims, fees and costs, including but not limited to reasonable attorneys' fees and costs, arising from or incidental to any suit or proceeding brought against the Indemnified Company Party for infringement of Third Party Proprietary Rights arising out of Seller's performance under this Agreement, including but not limited to patent infringement due to the use of technical features of the Facility to meet the Performance Standards specified in the Agreement.

29.18 Negotiated Terms. The Parties agree that the terms and conditions of this Agreement are the result of negotiations between the Parties and that this Agreement shall not be construed in favor of or against any Party by reason of the extent to which any Party or its professional advisors participated in the preparation of this Agreement.

29.19 Computation of Time. In computing any period of time prescribed or allowed under this Agreement, the Day of the act, event or default from which the designated period of time begins to run shall not be included. If the last Day of the period so computed is not a Business Day, then the period shall run until the end of the next Day which is a Business Day.

29.20 PUC Approval.

(a) PUC Approval Order. The term "PUC Approval Order" means an order from the PUC that does not contain terms and conditions deemed to be unacceptable by Company, and is in a form deemed to be reasonable by Company, in its sole, but nonarbitrary, discretion, ordering that:

- (1) this Agreement is approved;
- (2) Company is authorized to include the purchased energy storage costs (and related revenue taxes) that Company incurs under this Agreement in Company's Energy Cost Recovery Clause, or equivalent, to the extent such costs are not included in Base Rates for the Term;
- (3) Company is authorized to include the Lump Sum Payment that Company incurs under this Agreement in Company's Purchase Power Adjustment Clause, to the extent such costs are not included in Base Rates for the Term;
- (4) the purchased energy storage costs and the Lump Sum Payment to be incurred by Company as a result of this Agreement are reasonable; and
- (5) Company's energy storage arrangements under this Agreement, pursuant to which Company will purchase the availability of the Facility's Energy Storage Services from Seller, are prudent and in the public interest.

- (b) Non-appealable PUC Approval Order. The term "Non-appealable PUC Approval Order" means a PUC Approval Order (i) that is not subject to appeal to any Circuit Court of the State of Hawai'i, Intermediate Court of Appeals of the State of Hawai'i, or the Supreme Court of the State of Hawai'i, because the period permitted for such an appeal (the "Appeal Period") has passed without the filing of notice of such an appeal, or (ii) that was affirmed on appeal to any Circuit Court of the State of Hawai'i, Intermediate Court of Appeals of the State of Hawai'i, or the Supreme Court of the State of Hawai'i, or was affirmed upon further appeal or appellate process, and that is not subject to further appeal, because the jurisdictional time permitted for such an appeal and/or further appellate process such as a motion for reconsideration or an application for writ of certiorari has passed without the filing of notice of such an appeal or the filing for further appellate process.
- (c) Company's Written Statement. Not later than thirty-five (35) Days after the issuance of a PUC order approving this Agreement, Company shall provide Seller with a copy of such order together with a written statement as to whether the conditions set forth in Section 29.20(a) (PUC Approval Order) have been met and the order constitutes a PUC Approval Order. If Company's written statement declares that the conditions set forth in Section 29.20(a) (PUC Approval Order) have been satisfied, the date of the issuance of the PUC Approval Order shall be the "PUC Approval Order Date".
- (d) Non-appealable PUC Approval Order Date. If Company provides the written statement referred to in Section 29.20(c) (Company's Written Statement) to the effect that the conditions referred to in Section 29.20(a) (PUC Approval Order) have been satisfied, the term "Non-appealable PUC Approval Order Date" shall be defined as follows:
- (1) If a PUC Approval Order is issued and is not made subject to a motion for reconsideration or clarification filed with the PUC or an appeal, the Non-appealable PUC Approval Order Date shall be the date one Day after the expiration of the Appeal Period following the issuance of the PUC Approval

Order, or the date of Company's written statement as required under Section 29.20(c) (Company's Written Statement), whichever is later;

- (2) If the PUC Approval Order became subject to a motion for reconsideration or clarification, and the motion for reconsideration or clarification is denied or the PUC Approval Order is affirmed after reconsideration or clarification, and such order is not made subject to an appeal, the Non-appealable PUC Approval Order Date shall be deemed to be the date one Day after the expiration of the Appeal Period following the order denying reconsideration of or clarification of, or affirming, the PUC Approval Order; or
 - (3) If the PUC Approval Order, or an order denying reconsideration or clarification of the PUC Approval Order or affirming approval of the PUC Approval Order after reconsideration or clarification, becomes subject to an appeal, then the Non-appealable PUC Approval Order Date shall be the date upon which the PUC Approval Order becomes a non-appealable order within the meaning of the definition of a Non-Appealable PUC Approval Order in Section 29.20(b) (Non-appealable PUC Approval Order).
- (e) Unfavorable PUC Order. The term "Unfavorable PUC Order" means an order from the PUC concerning this Agreement that: (i) dismisses Company's application; (ii) denies Company's application; or (iii) approves Company's application but contains terms and conditions deemed unacceptable by Company in its sole discretion and therefore does not meet the definition of a PUC Approval Order as set forth in Section 29.20(a) (PUC Approval Order).

29.21 Community Outreach.

- (a) The Parties acknowledge that, prior to the Execution Date, Seller provided to Company a comprehensive community outreach and communications plan to work with and inform neighboring communities and stakeholders to gain their support for the Project ("Community Outreach Plan").

- (1) General Requirements. Seller agrees to work with the Host Community and neighboring communities and stakeholders and provide them timely information during all phases of the Project, including but not limited to the following information: Project description, Project stakeholders, community concerns and Seller's efforts to address such concerns, Project benefits, Governmental Approvals, Project schedule, plan for reporting construction related updates, labor and prevailing wage commitment (if any), and a Community Outreach Plan which factors in monthly Project status updates. The "Host Community" shall refer generally to the residential community in the immediate vicinity of the Project that would be affected by the ongoing development, construction, operation and maintenance of the Project, including but not limited to increased traffic, construction noise, odors, dust and debris, modified or affected view planes and other environmental effects. Seller's determination of the Host Community shall be subject to review by Company to ensure that the Host Community has been satisfactorily identified and the benefits of Seller's Community Benefits Program are targeting specific needs identified by the Host Community.

- (2) Community Benefits Program. Seller's Community Outreach Plan shall also include Seller's plan for the creation of the mandatory community benefits package (the "Community Benefits Program") required under the RFP and included in Seller's RFP Proposal. [NOTE: COMPANY RESERVES THE RIGHT TO REQUIRE REVISIONS AND/OR ADDITIONAL PROVISIONS TO SELLER'S COMMUNITY BENEFITS PROGRAM TO ADDRESS ISSUES IDENTIFIED IN THE RFP EVALUATION PROCESS].
 - (a) The Community Benefits Program shall be designed to specifically benefit the needs identified by the Host Community affected by the Project by addressing the Host Community's identified needs, including but not limited to, one or more of the following: infrastructure improvements, enhanced educational opportunities, jobs and job training, historical and/or cultural

protection, neighborhood beautification, identified mitigation of Project effects on the Host Community, and any other similar community benefit. Any material revision(s) to the Community Benefits Program (from that proposed in Seller's RFP Proposal) shall be subject to Company's prior review and approval before implementation and funding by Seller.

- (b) Seller shall implement the Community Benefits Program no later than six (6) months after the Commercial Operations Date, with the requirement that decisions on the community benefits and distribution of the first annual payment of funds be completed no later than six (6) months after program implementation.
- (c) Annually, Seller shall re-fund the Community Benefits Program with the required amount even if all or any portion of prior year's funds remains to be distributed. The annual funding amount for Seller's Community Benefit Program shall be no less than \$3,000 per MW of BESS Contract Capacity per year, provided however, that Seller's Community Benefits Program may commit to fund a higher amount at Seller's option (the "Community Benefits Funding Amount"). With Company's review and prior approval, other methods and timing of funding the Community Benefits Funding Amount may be proposed provided that such alternative methods do not materially alter or diminish the intended effects of an annual funding requirement. Approval will be at Company's sole discretion.
- (d) Results of the Community Benefits Program, including but not limited to, disclosure of the community benefit(s) funded, the recipients and amounts distributed and a summary of the community benefit(s) to be expected from such funding, shall be annually reported and publicly available for review at any time on Seller's website and upon request.

- (e) It shall be Seller's sole responsibility to ensure that the Community Benefits Program is properly funded by Seller and that funds are distributed for the benefit of the needs identified by the Host Community on a timely basis. The Community Benefits Program shall be subject to audit by Company no more than once every two years during the Term to ensure compliance by Seller, provided, however, that if Company receives credible evidence and/or reports of abuse or neglect of the Community Benefits Program by Seller or any of its partners administering the program (a "Program Complaint"), Company may conduct an immediate audit notwithstanding that a prior audit had been conducted in the year immediately preceding the Program Complaint. Seller shall cooperate with Company's reasonable requests to Seller in its efforts to complete any audit. Seller shall reimburse Company for actual expenses incurred in completing any audit (whether biennial or as a result of a Program Complaint) of Seller's Community Benefits Program. Seller shall additionally pay Company for Company's time and effort, e.g., labor and overhead, to complete an audit necessitated by a Program Complaint.
- (f) If Seller fails to fund any annual funding requirement for the Community Benefits Program, then Seller, upon demand by Company, shall make the required annual funding within thirty (30) Days of Company's demand. If Seller does not make such funding after demand by Company within the time required, Company shall be entitled to, at Company's sole option, setoff the funding requirement from amounts due to Seller or draw upon Operating Period Security in the amount necessary so that Company can direct such funds to the Community Benefits Program.
- (g) If an audit discovers and confirms that funds previously distributed under the Community Benefits Program were misused or otherwise

not expended for the benefit of the needs identified by the Host Community in accordance with the program, Seller shall, in addition to the annual funding requirement for the next year of the program, also refund the program with the amount of the misused funds for reallocation and distribution.

- (h) If Seller, with Company's prior approval, administers its own Community Benefits Program (including any program administered by an affiliate or non-profit foundation of Seller), and it is discovered and confirmed that Seller has not funded its Community Benefits Program and/or has not distributed such funds in accordance with the program (as such may be revised with Company's prior review and approval) in any year during the Term, Seller shall double its funding to and distribution of funds from the program in the subsequent year. If Seller fails to properly fund or distribute funds in accordance with the program for two (2) years or more, Company may disqualify Seller's Community Benefits Program and require Seller to administer a new program with a Host Community-based non-profit entity capable of administering a new Community Benefits Program for and on behalf of Seller for the benefit of the Host Community.
- (3) Seller's Community Outreach Plan is a public document and shall remain available to members of the community on the Seller's website for the Term of this Agreement and upon request. Seller shall also provide Company with links to its Project website and Community Outreach Plan.
- (b) The Parties also acknowledge that, prior to the Execution Date, Seller provided reasonable advance notice and hosted a public meeting for community and neighborhood groups in and around the vicinity of the Project site that provided the neighboring community, stakeholders, and the general public with: (i) a reasonable opportunity to learn about the proposed

Project; (ii) an opportunity to engage in a dialogue about concerns, mitigation measures, and potential community benefits of the proposed Project; (iii) an update regarding the Seller's cultural impact plan, including any findings made and mitigations identified to-date as part of the Archaeological Literature Review and Field Inspection Report as required by the RFP; and (iv) information concerning the process and/or intent for the public's input and engagement, including advising attendees that they will have thirty (30) Days from the date of said public meeting to submit written comments to Company and/or Seller for inclusion in the Company's submission to the PUC of its application for a satisfactory PUC Approval Order. Seller shall collect all public comments, and then provide Company copies of all comments received in their original, unedited form, along with copies of all comments with personal information redacted and ready for filing. Seller agrees that Company may submit any and all public comments (presented in its original, unedited form) as part of its PUC application for this Project.

- (c) Seller acknowledges and agrees that subsequent to the PUC Submittal Date and prior to the date when the Parties' statements of position are to be filed in the docketed PUC proceeding for this Project, Seller will solicit public comments concerning the Project a second time. Seller will submit to the PUC as part of the docketed PUC proceeding for this Project, any and all public comments (presented in its original, unedited form) received by Company and/or Seller regarding the Project that are not received in time to include as part of the Company's application for a satisfactory PUC Approval Order.
- (d) The Parties acknowledge and agree that Seller is responsible for community outreach and engagement for the Project, and that the public meeting and comment solicitation process described in this Section 29.21 (Community Outreach) do not represent the only community outreach and engagement activities that can or should be performed by Seller. Without limitation to the generality of the preceding sentence, Seller agrees to take into account the Project's potential impacts on historical and cultural resources and, at a minimum, Seller shall describe: (i) any valued cultural,

historical, or natural resources in the area in question, including the extent to which traditional and customary native Hawaiian rights are exercised in the area; (ii) the extent to which those resources - including traditional and customary native Hawaiian rights - will be affected or impaired by the Project; and (iii) the feasible action, if any, to be taken to reasonably protect native Hawaiian rights if they are found to exist. Seller shall determine and implement such additional means as may be reasonably necessary to share information with and involve the community and neighborhood groups in and around the vicinity of the Facility during the Project planning and development process through the Term of this Agreement and shall timely inform Company of its plans and activities in this regard.

- (e) Upon the Execution Date and at all times during the Term of this Agreement, Seller shall designate an individual as the "Seller's Community Representative." The Seller's Community Representative shall be the primary contact between the community and the Seller and shall be available during the Term of this Agreement to receive and answer questions from the community. As of the Execution Date, the Seller's Community Representative and the E-mail address and phone number for Seller's Community Representative are as set forth in the Project Specific Addendum. Seller shall notify Company in writing upon designation of any new Seller's Community Representative.

29.22 Change in Standard System or Organization.

- (a) Consistent With Original Intent. If, during the Term, any standard, system or organization referenced in this Agreement should be modified or replaced in the normal course of events, such modification or replacement shall from that point in time be used in this Agreement in place of the original standard, system or organization, but only to the extent such modification or replacement is generally consistent with the original spirit and intent of this Agreement.
- (b) Eliminated or Inconsistent With Original Intent. If, during the Term, any standard system or organization referenced in this Agreement should be eliminated or

cease to exist, or is modified or replaced and such modification or replacement is inconsistent with the original spirit and intent of this Agreement, then in such event the Parties will negotiate in good faith to amend this Agreement to a standard, system or organization that would be consistent with the original spirit and intent of this Agreement.

- 29.23 No Third Party Beneficiaries. Nothing expressed or referred to in this Agreement will be construed to give any person or entity other than the Parties any legal or equitable right, remedy, or claim under or with respect to this Agreement or any provision of this Agreement. This Agreement and all of its provisions and conditions are for the sole and exclusive benefit of the Parties and their successors and permitted assigns.
- 29.24 Hawai'i General Excise Tax. [See Project Specific Addendum]
- 29.25 Survival of Obligations. The rights and obligations that are intended to survive a termination of this Agreement are all of those rights and obligations that this Agreement expressly provides shall survive any such termination and those that arise from Seller's or Company's covenants, agreements, representations, and warranties applicable to, or to be performed, at or during any time prior to or as a result of the termination of this Agreement, including, without limitation:
- (a) The obligation to pay Daily Delay Damages under Section 13.4 (Damages and Termination);
 - (b) The obligation to pay Termination Damages under Article 16 (Damages in the Event of Termination by Company);
 - (c) The indemnity obligations under Article 17 (Indemnification) and Section 29.17 (Proprietary Rights);
 - (d) The dispute resolution provisions of Article 28 (Dispute Resolution);
 - (e) Section 29.3 (Notices), Section 29.5 (Non-Waiver), Section 29.8 (Governing Law, Jurisdiction and Venue), Section 29.9 (Limitations), Section 29.13 (Severability), Section 29.14 (Settlement of Disputes), Section 29.17 (Proprietary Rights), Section 29.19

(Computation of Time), Section 29.23 (No Third Party Beneficiaries), Section 29.24 (Hawai'i General Excise Tax), Section 29.25 (Survival of Obligations), Section 7 (Land Restoration) of Attachment G (Company-Owned Interconnection Facilities) and Section 1(d) (Seller's Right to Transfer) and Section 2(d) (Right of First Refusal) of Attachment P (Sale of Facility by Seller); and

- (f) Seller's obligations under Section 3 (Seller Payment To Company for Company-Owned Interconnection Facilities and Review Of Facility) of Attachment G (Company-Owned Interconnection Facilities) to pay interconnection costs and Section 4 (Ongoing Operation and Maintenance Charges) of Attachment G (Company-Owned Interconnection Facilities) to pay operation and maintenance costs incurred up to the date of termination of the Agreement.

29.26 Certain Rules of Construction. For purposes of this Agreement:

- (a) "Including" and any other words or phrases of inclusion will not be construed as terms of limitation, so that references to "included" matters will be regarded as non-exclusive, non-characterizing illustrations.
- (b) "Copy" or "copies" means that the copy or copies of the material to which it relates are true, correct and complete.
- (c) When "Article," "Section," "Schedule," or "Attachment" is capitalized in this Agreement, it refers to an article, section, schedule or attachment to this Agreement.
- (d) "Will" has the same meaning as "shall" and, thus, connotes an obligation and an imperative and not a futurity.
- (e) Titles and captions of or in this Agreement, the cover sheet and table of contents of this Agreement, and language in parenthesis following Section references are inserted only as a matter of convenience and in no way define, limit, extend or describe the scope of this Agreement or the intent of any of its provisions.

- (f) Whenever the context requires, the singular includes the plural and plural includes the singular, and the gender of any pronoun includes the other genders.
- (g) Any reference to any statutory provision includes each successor provision and all applicable Laws as to that provision.

29.27 Agreement is Not a Design or Construction Contract. This Agreement is not a design or construction contract. The Parties acknowledge and agree that Seller will finance and develop the Facility for Seller to own and operate. Seller is not a design professional or a contractor. Seller is not hereby undertaking to perform and is not holding itself out or offering to perform any work for which a professional or contractor's license may be required under the laws of the State of Hawai'i. Notwithstanding anything to the contrary, all work related to the design, engineering, and construction of the Facility shall be performed by design professionals and contractors who hold the appropriate licenses issued by the State of Hawai'i and intend to develop the Facility in full compliance with all applicable state laws. For the avoidance of doubt, in all instances where this Agreement refers to Seller performing the acts of constructing, building or installing, said language shall be interpreted to mean that such work will be performed by duly licensed contractors properly retained by Seller in accordance with laws of the State of Hawai'i.

[Signatures for this Energy Storage Purchase Agreement appear on the following page]

IN WITNESS WHEREOF, Company and Seller have executed this Agreement as of the day and year first above written.

HAWAIIAN ELECTRIC COMPANY, INC.
or
MAUI ELECTRIC COMPANY, LIMITED
or
HAWAI'I ELECTRIC LIGHT COMPANY, INC.

By _____
Name:
Its:

By _____
Name:
Its:

("Company")

[NAME OF PROJECT ENTITY]

By _____
Name:
Its:

By _____
Name:
Its:

("Seller")

SCHEDULE OF DEFINED TERMS

For the purposes of this Agreement, the following capitalized terms shall have the meanings set forth below:

"Acceptance Notice": Shall have the meaning set forth in Section 1(a)(ii) of Attachment P (Sale of Facility by Seller) to this Agreement.

"Acceptance Test": A test conducted by Seller and witnessed by Company, within thirty (30) Days of completion of all Interconnection Facilities and in accordance with criteria and test procedures determined by Company and Seller as set forth in Section 2(f) (Acceptance Test Procedure) of Attachment G (Company-Owned Interconnection Facilities), to determine conformance with Article 3 (Facility Owned and/or Operated by Seller) and Attachment G (Company-Owned Interconnection Facilities) and Good Engineering and Operating Practices. Attachment N (Acceptance Test General Criteria) provides general criteria to be included in the written protocol for the Acceptance Test. Successful completion of the Acceptance Test shall be a condition precedent for the performance of the Control System Acceptance Test and the Commercial Operations Date.

"Active Power Control Interface": Shall have the meaning set forth in Section 1(g) (Active Power Control Interface) of Attachment B (Facility Owned by Seller) of this Agreement.

"Agreement": Shall have the meaning set forth in the preamble before the "Whereas" clauses on page 1 of the document captioned "Energy Storage Purchase Agreement" to which "Schedule of Defined Terms" is attached.

"Appeal Period": Shall have the meaning set forth in Section 29.20(b) (Non-appealable PUC Approval Order) of this Agreement.

"Appraised Fair Market Value of the Facility": Shall have the meaning set forth in Section 3(d) of Attachment P (Sale of Facility by Seller) to this Agreement.

"BESS": Shall have the meaning set forth in the Recitals.

"BESS Annual Equivalent Availability Factor": Shall be as described in Attachment X (BESS Annual Equivalent Availability Factor) to this Agreement.

"BESS Annual Equivalent Forced Outage Factor": Shall have the meaning set forth in Attachment Y (BESS Annual Equivalent Forced Outage Factor) to this Agreement.

"BESS Capacity Cure Period": Shall have the meaning set forth in Section 2.8(b) (BESS Capacity Termination Rights).

"BESS Capacity Performance Metric": Shall have the meaning set forth in Attachment W (BESS Tests) to this Agreement.

"BESS Capacity Ratio": Shall have the meaning set forth in Attachment W (BESS Tests) to this Agreement.

"BESS Capacity Test": Shall have the meaning set forth in Attachment W (BESS Tests) to this Agreement.

"BESS Contract Capacity": Shall have the meaning set forth in the Project Specific Addendum.

"BESS EAF Performance Metric": Shall have the meaning set forth in Section 2.9(a) (BESS Annual Equivalent Availability Factor and Liquidated Damages).

"BESS EFOF Performance Metric": Shall have the meaning set forth in Section 2.10 (BESS Annual Equivalent Forced Outage Factor; Liquidated Damages; Termination Rights).

"BESS Measurement Period": Shall mean, in any Contract Year, the following periods of three calendar months each: (i) the period beginning on the first day of the first calendar month of such Contract Year and extending through the last day of the third calendar month of such Contract Year; (ii) the period beginning on the first day of the fourth calendar month of such Contract Year and extending through the last day of the sixth calendar month of such Contract Year; (iii) the period beginning on the first day of the seventh calendar month of such Contract Year and extending through the last day of the ninth calendar month of such Contract Year; and (iv) the period beginning on the first day of the tenth calendar month of such Contract Year and extending through the last day of the twelfth calendar month of such Contract Year.

"Bill of Material": A list of equipment to be installed at the Facility including, but not necessarily limited to, items such as relays, breakers, and switches.

"Business Day": Any calendar day that is not a Saturday, a Sunday, or a federal or Hawai'i state holiday.

"Change in Control": Shall have the meaning set forth in Section 1(b) (Change in Ownership Interests and Control of Seller) of Attachment P (Sale of Facility by Seller) to this Agreement.

"Charging Energy" means the amount of Energy withdrawn from the Company System to be stored by the Facility and discharged at a later time, as measured in MWh by the Revenue Metering Package. Charging Energy does not include Station Use or Energy required to charge the Facility for the purposes of an Outage or testing.

"Claim": Any claim, suit, action, demand or proceeding.

"Claiming Entity": Shall mean Seller and any direct or indirect owner of a membership interest in Seller which is eligible to claim a Refundable Tax Credit or Non-Refundable Tax Credit in a given year.

"COD Delay LD Period": Shall have the meaning set forth in Section 13.4(a)(2).

"Commercial Operations": Upon satisfaction of the following conditions, the Facility shall be considered to have achieved Commercial Operations on the Day specified in Seller's written notice described below: (i) the Acceptance Test has been passed, (ii) all Storage Units have passed Control System Acceptance Tests, (iii) the Transfer Date has occurred, (iv) Seller has (1) provided to Company the Required Models (as defined in Section 6(a) (Seller's Obligation to Provide Models) of Attachment B (Facility Owned by Seller)) in the form of Source Code, (2) placed the current version of the Source Code for the Required Models with the Source Code Escrow Agent as required in Section 6(b)(i)(A) (Establishment of Source Code Escrow) of Attachment B (Facility Owned by Seller), or (3) if Seller is unable to arrange for the placement of the appropriate Source Code into the Source Code Escrow account, provided the Source Code LC as required in Section 6(b)(ii)(A) (Establishment of Monetary Escrow) of Attachment B (Facility Owned by Seller), and (v) Seller provides Company with written notice that (aa) Seller is ready to declare the Commercial Operations Date and (bb) the Commercial Operations Date will occur within 24 hours (i.e., the next Day).

"Commercial Operations Date" or "COD": The date on which Facility first achieves Commercial Operations.

"Company": Shall have the meaning set forth in the preamble to the Agreement.

"Company Dispatch": Company's right, through supervisory equipment or otherwise, to direct or control the provision of all aspects of the Energy Storage Services consistent with this Agreement (including, without limitation, Good Engineering and Operating Practices and the requirements set forth in Section 3 (Performance Standards) of Attachment B (Facility Owned by Seller) to this Agreement), which dispatch shall include real power, reactive power, voltage, frequency, the determination to cycle a unit off-line or to restart a unit, the droop control setting, the Ramp Rate setting, and other characteristics of such electric energy output whose parameters are normally controlled or accounted for in a utility dispatching system.

"Company Milestone Date": Shall have the meaning set forth in Section 13.8 (Company Milestones).

"Company Milestones": Each of the milestones identified as such in Attachment K-1 (Seller's Conditions Precedent and Company Milestones).

"Company-Owned Interconnection Facilities": Shall have the meaning set forth in Section 1(a) (General) of Attachment G (Company-Owned Interconnection Facilities).

"Company System": The electric system owned and operated by Company (to include any non-utility owned facilities) consisting of power plants, transmission and distribution lines, and related equipment for the production and delivery of electric power to the public.

"Company System Operator": The authorized representative of Company who is responsible for carrying out Company dispatch of resources interconnected to the Company System.

"Company's Recommendations": Shall have the meaning set forth in Section 4(c) of Attachment B (Facility Owned by Seller) to this Agreement.

"Competitive Bidding Framework": The Framework for Competitive Bidding contained in Decision and Order No. 23121 issued by the Public Utilities Commission on December 8, 2006, and any

subsequent orders providing for modifications from those set forth in Order No. 23121 issued December 8, 2006.

"Construction Delay LD Period": Shall have the meaning set forth in Section 13.4(a)(1).

"Construction Financing Closing Milestone": Shall have the meaning set forth in Attachment K (Guaranteed Project Milestones).

"Construction Milestones": The Reporting Milestones set forth in Attachment L (Reporting Milestones) and the Guaranteed Project Milestones set forth in Attachment K (Guaranteed Project Milestones).

"Consultants List": Shall have the meaning set forth in Section 4(e) of Attachment B (Facility Owned by Seller) to this Agreement.

"Consumer Advocate": Shall have the meaning set forth in Section 24.2 (Confidentiality).

"Contract Year": A twelve (12) calendar month period commencing on either: (i) the Commercial Operations Date (if the Commercial Operations Date occurs on the first Day of a calendar month) and thereafter on each anniversary of the Commercial Operations Date; or (ii) the first Day of the calendar month following the month during which the Commercial Operations Date occurs, and thereafter on each anniversary of the first Day of such month; provided, however, that, in the latter case, the initial Contract Year shall also include the Days from the Commercial Operations Date to the first Day of the succeeding calendar month.

"Contractors": Shall have the meaning set forth in Section 2(a)(i) of Attachment G (Company-Owned Interconnection Facilities) to this Agreement.

"Control System Acceptance Test(s)" or "CSAT": A test or tests performed on the centralized and collective control systems and Active Power Control Interface of the Facility, which includes successful completion of the Control System Telemetry and Control List, in accordance with procedures set forth in Section 1(h) (Control System Acceptance Test Procedures) of Attachment B (Facility Owned by Seller). Attachment O (Control System Acceptance Test Criteria) provides general criteria to be included in the written protocol for the Control System Acceptance Test.

"Control System Telemetry and Control List": The Control System Telemetry and Control List includes, but is not limited to, all of the Facility's equipment and performance/quality parameters that will be monitored, alarmed and/or controlled by Company's Energy Management System (EMS) throughout the Term of this Agreement.

Examples of the Control System Telemetry and Control List include:

- Seller's substation/equipment status - breaker open/closed status, equipment normal/alarm operating status, etc.
- Active Power control interface - dispatch MW setpoint, etc.
- Voltage control interface - voltage kV setpoint, etc.
- Power factor control interface - power factor setpoint, etc.

"Daily Delay Damages": Shall mean the dollar amount specified as the "Daily Delay Damages" in the Project Specific Addendum.

"Day": A calendar day.

"Defaulting Party": The Party whose failure, action or breach of its obligations under this Agreement results in an Event of Default under Article 15 (Events of Default) of this Agreement.

"Development Period Security": An amount equal to \$75/kW of the BESS Contract Capacity.

"Discharge Energy": All Energy discharged from the Facility as measured in MWh by the Revenue Metering Package.

"Disconnection Event": Shall have the meaning set forth in Section 4(a) of Attachment B (Facility Owned by Seller) to this Agreement.

"Dispute": Shall have the meaning set forth in Section 28.1 (Good Faith Negotiations).

"DPR": Shall have the meaning set forth in Section 28.2 (Dispute Resolution Procedures, Mediation).

"E-mail": Shall have the meaning set forth in Section 29.3 (Notices).

"Effective Date": Shall mean the last to occur of (i) the Non-appealable PUC Approval Order Date and (ii) the date that the Interconnection Requirements Amendment (if required pursuant to Section 12.4(a) of this Agreement) is executed and delivered as such date is set forth in the Interconnection Requirements Amendment.

"EMS" or "Energy Management System": The real-time, computer-based control system, or any successor thereto, used by Company to manage the supply and delivery of electric energy to its consumers. It provides the Company System Operator with an integrated set of manual and automatic functions necessary for the operation of the Company System under both normal and emergency conditions. The EMS provides the interfaces for the Company System Operator to perform real-time monitoring and control of the Company System, including but not limited to monitoring and control of the Facility for system balancing, supplemental frequency control and economic dispatch as prescribed in this Agreement.

"Energy": Alternating current electrical energy measured in kilowatthours (kWh).

"Energy Cost Recovery Clause": The provision in Company's rate schedules that allows Company to pass through to its customers Company's costs of fuel and purchased power.

"Energy Cost Recovery Factor": The "Energy Cost Recovery Factor" for customers specified by Company, filed publicly with the PUC and also made available online at Company's website (or upon request). The Energy Cost Recovery Factor is based on Company's costs for fuel and purchased energy, which is recalculated on a monthly basis in cents/kWh. If the Energy Cost Recovery Factor filed by the Company is changed or discontinued, the Parties shall mutually agree upon a suitable and substantially similar factor or rate to use as a successor to the Energy Cost Recovery Factor.

"Energy Storage Services": Collectively or individually, the acceptance of Charging Energy at the Point of Interconnection from the Company System, the storing of Energy in the Facility, the delivery of Discharge Energy to the Point of Interconnection from the Facility, in accordance with Company Dispatch and the technical and operational requirements of Attachment B (Facility Owned by Seller) and the terms of this Agreement.

"Engineering and Design Work": Shall have the meaning set forth in Section 3(a) (Seller Payment to Company) of Attachment G (Company-Owned Interconnection Facilities).

"Environment": Shall have the meaning set forth in Section 1(b)(iii)(G)(iii) (Endpoint and Server Security) of Attachment B (Facility Owned by Seller) to this Agreement.

"EPC Contractor": Shall mean Seller's engineering, procurement and construction contractor for the Facility.

"Escrow Agent": Shall have the meaning set forth in Section 14.9 (L/C Proceeds Escrow).

"ESPA Amendment Deadline": The 75th Day following the date the completed IRS is provided to Seller, or such later date as Company and Seller may agree to by written agreement.

"Event of Default": Shall have the meaning set forth in Article 15 (Events of Default) of this Agreement.

"Excess Standby Consumption Cost": Shall have the meaning set forth in Section 2.13(b) (Outage Due to Company Request).

"Exclusive Negotiation Period": Shall have the meaning set forth in Section 2(b) (Negotiations) of Attachment P (Sale of Facility by Seller) to this Agreement.

"Execution Date": The date designated as such on the first page of this Agreement or, if no date is so designated, the date the Parties exchanged executed signature pages to this Agreement.

"Exempt Sales": Shall have the meaning set forth in Section 1(c) (Exempt Sales) of Attachment P (Sale of Facility by Seller) to this Agreement.

"Facility": Seller's battery energy storage system that is the subject of this Agreement, including all Storage Units, all Seller-Owned Interconnection Facilities and all other equipment, devices, associated appurtenances owned, controlled, operated and managed by Seller in connection with, or to facilitate, the storing of electric energy at the Facility and the charging of electric energy from, and the discharging of electric energy to, the Company System.

"Facility Debt": The obligations of Seller and its affiliates to any lender pursuant to the Financing Documents, including without limitation, principal of, premium and interest on indebtedness, fees, expenses or penalties, amounts due upon acceleration, prepayment or restructuring, swap or interest rate hedging breakage costs and any claims or interest due with respect to any of the foregoing.

"Facility Lender": Any lender(s) or tax equity financing party providing any Facility Debt and any successor(s) or assigns thereto, collectively.

"FASB": Shall have the meaning set forth in Section 24.1 (Financial Compliance).

"FASB ASC 810": Shall have the meaning set forth in Section 24.1 (Financial Compliance).

"FASB ASC 842": Shall have the meaning set forth in Section 24.1 (Financial Compliance).

"Federal Non-Refundable Tax Credit": Shall mean any U.S. federal tax credit for which the federal government is not required to refund any tax credit which exceeds the tax payments due to the federal government by the Claiming Entity or to provide a cash rebate in lieu of such credit to the Claiming Entity.

"Federal Refundable Tax Credit": Shall mean any U.S. federal tax credit for which the federal government is required to refund any tax credit which exceeds the tax payments due to the federal government by the Claiming Entity or to provide a cash rebate in lieu of such credit to the Claiming Entity.

"Final Non-appealable Order from the PUC": Shall have the meaning set forth in Section 5(d) of Attachment P (Sale of Facility by Seller) to this Agreement.

"Financial Compliance Information": Shall have the meaning set forth in Section 24.1 (Financial Compliance).

"Financial Termination Costs": Shall have the meaning set forth in Section 6 (Make Whole Amount) of Attachment P (Sale of Facility by Seller) to this Agreement.

"Financing Documents": The loan and credit agreements, notes, bonds, indentures, security agreements, lease financing

agreements, mortgages, deeds of trust, interest rate exchanges, swap agreements and other documents relating to the development, bridge, construction and/or permanent debt financing for the Facility, including any credit enhancement, credit support, working capital financing, tax equity financing or refinancing documents, and any and all amendments, modifications, or supplements to the foregoing that may be entered into from time to time by and at the discretion of Seller and/or its affiliates in connection with financing for the development, construction, ownership, leasing, operation or maintenance of the Facility.

"Financing Purposes": Shall have the meaning set forth in Section 1(c) (Exempt Sales) of Attachment P (Sale of Facility by Seller) to this Agreement.

"Force Majeure": An event that satisfies the requirements of Section 21.1 (Definition of Force Majeure), is consistent with Section 21.2 (Events That Could Qualify as Force Majeure) but not excluded by Section 21.3 (Exclusions From Force Majeure).

"Force Majeure Notice": Shall have the meaning set forth in Section 21.4 (Satisfaction of Certain Conditions).

"GAAP": Shall have the meaning set forth in Section 24.5(a) (Consolidation).

"GHG Letter Agreement": Shall mean the letter agreement and any written, signed amendments thereto, between Company and Seller that collectively describe the scope, schedule, and payment arrangements for the greenhouse gas emissions analysis to be completed in connection with the application with the PUC for regulatory approval of this Agreement.

"Good Engineering and Operating Practices": The practices, methods and acts engaged in or approved by a significant portion of the electric utility industry for similarly situated U.S. facilities, considering Company's isolated island setting, that at a particular time, in the exercise of reasonable judgment in light of the facts known or that reasonably should be known at the time a decision is made, would be expected to accomplish the desired result in a manner consistent with law, regulation, reliability for an island system, safety, environmental protection, economy and expedition. With respect to the Facility, Good Engineering and Operating Practices include, but are not limited to, taking reasonable steps to ensure that:

- (a) Adequate materials, resources and supplies, including fuel and spare parts inventories, are available to meet the Facility's needs under normal conditions and reasonably foreseeable abnormal conditions.
- (b) Sufficient operating personnel are available and are adequately experienced and trained to operate the Facility properly, efficiently and within manufacturer's guidelines and specifications and are capable of responding to emergency conditions.
- (c) Preventive, routine and non-routine maintenance and repairs are performed on a basis that ensures reliable long-term and safe operation, and are performed by knowledgeable, trained and experienced personnel utilizing proper equipment, tools, and procedures.
- (d) Appropriate monitoring and testing is done to ensure equipment is functioning as designed and to provide assurance that equipment will function properly under both normal and reasonably foreseeable abnormal conditions.
- (e) Equipment is operated in a manner safe to workers, the general public and the environment and in accordance with equipment manufacturer's specifications, including, without limitation, defined limitations such as steam pressure, temperature, moisture content, chemical content, quality of make-up water, operating voltage, current, frequency, rotational speed, polarity, synchronization, control system limits, etc.
- (f) Equipment and components are designed and manufactured to meet or exceed the standard of durability that is generally used for similarly situated battery energy storage systems/facilities, considering Company's isolated island setting, and will function properly over the full range of ambient temperature and weather conditions reasonably expected to occur at the Site and under both normal and emergency conditions.

"Governmental Approvals": All permits, licenses, approvals, certificates, entitlements and other authorizations issued by Governmental Authorities, as well as any agreements with Governmental Authorities, required for the construction, ownership, operation and maintenance of the Facility and the Company-Owned Interconnection Facilities, and all amendments,

modifications, supplements, general conditions and addenda thereto.

"Governmental Authority": Any federal, state, local or municipal governmental body; any governmental, quasi-governmental, regulatory or administrative agency, commission, body or other authority exercising or entitled to exercise any administrative, executive, judicial, legislative, policy, regulatory or taxing authority or power; or any court or governmental tribunal.

"Guaranteed Commercial Operations Date": The date specified as such in the Project Specific Addendum, by which date Seller guarantees that it will achieve the Commercial Operations Date.

"Guaranteed Procurement Payment Date": The date specified in Attachment K (Guaranteed Project Milestones) that Seller shall make payment to Company of the amount required under Section 3(b)(iii) (Balance of Company-Owned Interconnection Facilities Prepayment) of Attachment G (Company-Owned Interconnection Facilities).

"Guaranteed Project Milestone": Each of the milestone events identified in Attachment K (Guaranteed Project Milestones) of this Agreement.

"Guaranteed Project Milestone Date": Each of the milestone dates identified in Attachment K (Guaranteed Project Milestones) of this Agreement.

"Hawai'i Non-Refundable Tax Credit": Shall mean any Hawai'i state tax credit against Hawai'i source income for which (1) the Claiming Entity is eligible on the Commercial Operations Date or thereafter with respect to the Facility (whether such eligibility is based on investment in battery energy storage technologies incorporated into the Facility or otherwise); and (2) the State of Hawai'i is not required to refund any tax credit which exceeds the tax payments due to the State of Hawai'i by the Claiming Entity or to provide a cash rebate in lieu of such credit to the Claiming Entity.

"Hawai'i Refundable Tax Credit": Shall mean any Hawai'i state tax credit against Hawai'i source income for which (1) the Claiming Entity is eligible on the Commercial Operations Date or thereafter with respect to the Facility (whether such eligibility is based on investment in battery energy storage technologies incorporated into the Facility or otherwise); and (2) the State of Hawai'i is

required to refund any tax credit which exceeds the tax payments due to the State of Hawai'i by the Claiming Entity or to provide a cash rebate in lieu of such credit to the Claiming Entity.

"HEI": Shall have the meaning set forth in Section 19.7 (Assignment By Company).

"HERA": The Hawai'i Electricity Reliability Administrator.

"HERA Law": Act 166 (Haw. Leg. 2012), which was passed by the 27th Hawai'i Legislature in the form of S.B. No. 2787, S.D. 2, H.D.2, C.D.1 on May 2, 2012 and signed by the Governor on June 27, 2012. The effective date for the law is July 1, 2012. The HERA Law authorizes (i) the PUC to develop, adopt, and enforce reliability standards and interconnection requirements, (ii) the PUC to contract for the performance of related duties with a party that will serve as the HERA, and (iii) the collection of a Hawai'i electricity reliability surcharge to be collected by Hawai'i's electric utilities and used by the HERA. Reliability standards and interconnection requirements adopted by the PUC pursuant to the HERA Law will apply to any electric utility and any user, owner, or operator of the Hawai'i electric system. The PUC also is provided with the authority to monitor and compel the production of data, files, maps, reports, or any other information concerning any electric utility, any user, owner or operator of the Hawai'i electric system, or other person, business, or entity, considered by the Commission to be necessary for exercising jurisdiction over interconnection to the Hawai'i electric system, or for administering the process for interconnection to the Hawai'i electric system.

"Indemnified Company Party": Shall have the meaning set forth in Section 17.1(a) (Indemnification Against Third Party Claims) of this Agreement.

"Indemnified Seller Party": Shall have the meaning set forth in Section 17.2(a) (Indemnification Against Third Party Claims) of this Agreement.

"Independent AF Evaluator": A person empowered, pursuant to Section 2(e) (Appointment of Independent AF Evaluator) of Attachment T (Quarterly Reporting and Dispute Resolution by Independent AF Evaluator) to resolve disagreements due to failure of the Parties to resolve a Quarterly Report Disagreement.

"Independent Evaluator": A person empowered, pursuant to Section 23.5 (Failure to Reach Agreement) and Section 23.10 (Dispute) of this Agreement, to resolve disputes due to failure of the Parties to agree on a Revision Document.

"Independent Tax Expert": Shall mean a person (i) with experience and knowledge in the field of tax equity project finance for utility-scale electric generating facilities and in the field of Hawai'i state tax credits relevant to battery energy storage technologies; and (ii) who is neutral, impartial and not predisposed to favor either Party.

"Initial Term": Shall have the meaning set forth in Section 12.1 (Term).

"Interconnection Facilities": The equipment and devices required to permit the Facility to operate in parallel with, receive electric energy from, and deliver electric energy to, the Company System and provide reliable and safe operation of, and power quality on, the Company System (in accordance with applicable provisions of the PUC's General Order No. 7, Company tariffs, operational practices, interconnection requirements studies, and planning criteria), such as, but not limited to, transmission and distribution lines, transformers, switches, and circuit breakers.

"Interconnection Requirements Amendment": Shall have the meaning set forth in Section 12.4(a) of this Agreement.

"Interconnection Requirements Study" or "IRS": A study, performed in accordance with the terms of the IRS Letter Agreement to determine, among other things, (a) the system requirements and equipment requirements to interconnect the Facility with the Company System, (b) the Performance Standards for the Facility, and (c) an estimate of interconnection costs and project schedule for interconnection of the Facility.

"Interface Block Diagram": The visual representation of the signals between Seller and Company, including but not limited to, Telemetry and Control points, digital fault recorder settings, telecommunications and protection signals.

"IRS Letter Agreement": The system impact study and Facility study letter agreement and any written, signed amendments thereto, between Company and Seller that collectively describe the scope, schedule, and payment arrangements for the Interconnection Requirements Study.

"kV": Kilovolt.

"kW": Kilowatt. Unless expressly provided otherwise, all kW values stated in this Agreement are alternating current values and not direct current values.

"Land Rights": All easements, rights of way, licenses, leases, surface use agreements and other interests or rights in real estate.

"Laws": All federal, state and local laws, rules, regulations, orders (including but not limited to executive orders), ordinances, permit conditions and other governmental actions.

"L/C Proceeds": Shall have the meaning set forth in Section 14.8 (Failure to Renew or Extend Letter of Credit).

"LD Assessment Date": For purposes of assessing liquidated damages for failure to satisfy any of the Performance Metrics, the "LD Assessment Date" is the Day following the expiration of the 10-Business Day period provided for Company to submit, pursuant to Section 2(a) (Notice of Disagreement With Quarterly Report) of Attachment T (Quarterly Reporting and Dispute Resolution by Independent AF Evaluator) to this Agreement, a Notice of Quarterly Report Disagreement concerning any calculation material to the assessment of such liquidated damages.

"LDT": Shall have the meaning set forth in Section 2.11(a) (RTE and Liquidated Damages).

"Losses": Any and all direct, indirect or consequential damages, fines, penalties, deficiencies, losses, liabilities (including settlements and judgments), costs, expenses (including reasonable attorneys' fees and court costs) and disbursements.

"Lowest BESS Capacity Bandwidth": Shall have the meaning set forth in Section 2.8(a) (BESS Capacity and Liquidated Damages).

"Lump Sum Payment": The dollar amount specified as the "Lump Sum Payment" in the Project Specific Addendum representing the payment to be made by Company to Seller in exchange for Seller making the Energy Storage Services of the Facility available for Company Dispatch.

"Make Whole Amount": Shall have the meaning set forth in Section 6 (Make Whole Amount) of Attachment P (Sale of Facility by Seller).

"Malware": means computer software, code or instructions that: (a) intentionally, and with malice intent by a third party, adversely affect the operation, security or integrity of a computing, telecommunications or other digital operating or processing system or environment, including without limitation, other programs, data, databases, computer libraries and computer and communications equipment, by altering, destroying, disrupting or inhibiting such operation, security or integrity; (b) without functional purpose, self-replicate without manual intervention; (c) purport to perform a useful function but which actually performs either a destructive or harmful function, or perform no useful function other than utilize substantial computer, telecommunications or memory resources with the intent of causing harm; or (d) without authorization collect and/or transmit to third parties any information or data; including such software, code or instructions commonly known as viruses, Trojans, logic bombs, worms, adware and spyware.

"Management Meeting": Shall have the meaning set forth in Section 28.1 (Good Faith Negotiations).

"Monitoring and Communication Equipment": Shall have the meaning set forth in Section 6.2 (Monitoring and Communication Equipment) of this Agreement.

"Monthly Progress Report": Shall have the meaning set forth in Section 13.7 (Monthly Progress Report).

"MW": Megawatt. Unless expressly provided otherwise, all MW values stated in this Agreement are alternating current values and not direct current values.

"NERC GADS": Shall have the meaning set forth in Section 2.4(a) (Design, Operation and Maintenance to Achieve Required Performance Metrics).

"Net Amount": Shall mean, with respect to any Hawai'i Refundable and/or Non-Refundable Tax Credit, the amount remaining after deducting any documented and reasonable financial, legal, administrative and other costs and expenses of applying for, pursuing, monetizing and receiving the applicable Hawai'i Refundable and/or Non-Refundable Tax Credit, and all payments to

or reserves required by Seller's lenders or other financing parties in connection with the application for or receipt of such Hawai'i Refundable and/or Non-Refundable Tax Credit.

"Net Nameplate Capacity": Shall mean the kW value set forth as the Net Nameplate Capacity in the Project Specific Addendum.

"Non-appealable PUC Approval Order": Shall have the meaning set forth in Section 29.20(b) (Non-appealable PUC Approval Order) of this Agreement.

"Non-appealable PUC Approval Order Date": Shall have the meaning set forth in Section 29.20(d) (Non-appealable PUC Approval Order Date) of this Agreement.

"Non-defaulting Party": Shall have the meaning set forth in Section 15.4 (Rights of Non-Defaulting Party; Forward Contract) of this Agreement.

"Non-performing Party": The Party who is in breach of, or is otherwise failing to perform, its obligations under this Agreement.

"Notice of Quarterly Report Disagreement": Shall have the meaning set forth in Section 2(a) (Notice of Disagreement With Quarterly Report) of Attachment T (Quarterly Reporting and Dispute Resolution by Independent AF Evaluator) to this Agreement.

"Offer Date": Shall have the meaning set forth in Section 1(a)(i) of Attachment P (Sale of Facility by Seller) to this Agreement.

"Offer Materials": Shall have the meaning set forth in Section 1(a)(i) of Attachment P (Sale of Facility by Seller) to this Agreement.

"Offer Notice": Shall have the meaning set forth in Section 1(a)(i) of Attachment P (Sale of Facility by Seller) to this Agreement.

"Offer Price": Shall have the meaning set forth in Section 1(a)(i) of Attachment P (Sale of Facility by Seller) to this Agreement.

"Operating Period Security": Shall have the meaning set forth in Section 14.4 (Operating Period Security).

"Outage Energy Cost": Shall have the meaning set forth in Section 2.13(a) (Seller Outage).

"Parent Entity": Shall mean the "Parent Entity" identified as such in the Project Specific Addendum.

"Parties": Seller and Company, collectively.

"Party": Each of Seller or Company.

"Performance Metrics": Each of the BESS Capacity Performance Metric, the BESS EAF Performance Metric, the BESS EFOF Performance Metric, and the RTE Performance Metric.

"Performance Metrics LDs": Shall have the meaning set forth in Section 2.12(a) (Payment of Performance Metrics LDs by Seller).

"Performance Standards": The various performance standards for the operation of the Facility specified in Section 3 (Performance Standards) of Attachment B (Facility Owned by Seller), including the availability of Energy Storage Services to Company, as such standards may be revised from time to time pursuant to Article 23 (Process for Addressing Certain Revisions) of this Agreement.

"Performance Standards Information Request": A written notice from Company to Seller proposing revisions to one or more of the Performance Standards then in effect and requesting information from Seller concerning such proposed revision(s).

"Performance Standards Proposal": A written communication from Seller to Company detailing the following with respect to a proposed Performance Standards Revision: (i) a statement as to whether Seller believes that it is technically feasible to comply with the Performance Standards Revision and the basis therefor; (ii) the Revision Modifications proposed by Seller to comply with the Performance Standards Revision; (iii) the capital and incremental operating costs of any necessary technical improvements, and any other incremental net operating or maintenance costs associated with any necessary operational changes, and any expected lost revenues associated with expected reductions in the Energy Storage Services provided to Company; (iv) the Revision Modification Pricing Impact of such costs and/or lost revenues; (v) information regarding the effectiveness of such technical improvements or operational modifications; (vi) proposed contractual consequences, that would be commercially reasonable under the circumstances, for failure to comply with the

Performance Standard Revision; and (vii) such other information as may be reasonably required by Company to evaluate Seller's proposals. A Performance Standards Proposal may be issued either in response to a Performance Standards Information Request or on Seller's own initiative; provided, however, that, in accordance with Section 23.3 (Seller Proposal), Company shall have no obligation to evaluate a Performance Standards Proposal submitted at Seller's own initiative.

"Performance Standards Revision": A revision, as specified in a Performance Standards Information Request or a Seller-initiated Performance Standards Proposal, to the Performance Standards in effect as of the date of such Request or Proposal.

"Permitted Lien": Shall have the meaning set forth in Section 4 (Purchase and Sale Agreement) of Attachment P (Sale of Facility by Seller) to this Agreement.

"Point of Interconnection" or "POI": The point of delivery of electric energy and/or capacity supplied by Seller to Company, where the Facility owned by the Seller interconnects with the Company System. The Seller shall own and maintain the facilities from the Facility to the Point of Interconnection, excluding any Company-Owned Interconnection Facilities located on the Site. The Company shall own and maintain the facilities from the Point of Interconnection to the Company's system. The Point of Interconnection will be identified in the IRS and set forth on the Single-Line Drawing and Interface Block Diagram in Attachment E (Single-Line Drawing and Interface Block Diagram).

"Prime Rate": The "prime rate" of interest, as published from time to time by The Wall Street Journal in the "Money Rates" section of its Western Edition Newspaper (or the average prime rate if a high and a low prime rate are therein reported). The Prime Rate shall change without notice with each change in the prime rate reported by The Wall Street Journal, as of the date such change is reported. Any such rate is a general reference rate of interest, may not be related to any other rate, may not be the lowest or best rate actually charged by any lender to any customer or a favored rate and may not correspond with future increases or decreases in interest rates charged by lenders or market rates in general.

"Proceeds": Shall have the meaning set forth in Section 6(b)(ii)(C) (Extend Letter of Credit) of Attachment B (Facility Owned by Seller) to this Agreement.

"Proceeds Escrow Agent": Shall mean such escrow agent approved by Company.

"Proceeds Escrow Agreement": Shall mean the escrow agreement between Company and the Proceeds Escrow Agent naming Company as beneficiary thereunder, which agreement shall be acceptable in form and substance to Company.

"Project": The Facility as described in Attachment A (Description of Storage Facility).

"Project Documents": This Agreement, any ground lease or other agreement or instrument in respect of the Site and/or the Land Rights, all construction contracts to which Seller is or becomes a party thereto, operation and maintenance agreements, and all other agreements, documents and instruments to which Seller is or becomes a party thereto in respect of the Facility, other than the Financing Documents, as the same may be modified or amended from time to time in accordance with the terms thereof.

"Project Specific Addendum": The Project Specific Addendum for the Facility dated as of the date of the Agreement for the Facility, including any and all attachments, exhibits and related documents attached to such Project Specific Addendum.

"Proposed Actions": Shall have the meaning set forth in Section 4(c) of Attachment B (Facility Owned by Seller) to this Agreement.

"Proprietary Rights": Shall have the meaning set forth in Section 29.17 (Proprietary Rights) of this Agreement.

"PSA": Shall have the meaning set forth in Section 4 (Purchase and Sale Agreement) of Attachment P (Sale of Facility by Seller) to this Agreement.

"PUC" or "Commission": Shall have the meaning set forth in the Recitals.

"PUC Approval Order": Shall have the meaning set forth in Section 29.20(a) (PUC Approval Order) of this Agreement.

"PUC Approval Order Date": Shall have the meaning set forth in Section 29.20(c) (Company's Written Statement) of this Agreement.

"PUC Approval Time Period": Shall have the meaning set forth in Section 12.6(b) (Time Period for PUC Approval).

"PUC Order Appeal Period": Shall have the meaning set forth in Section 12.6(b) (Time Period for PUC Approval).

"PUC Revision Order": The decision and order of the PUC (i) approving the application or motion by the Parties seeking (a) approval of the Performance Standards Revision in question and (b) approval of the associated Revision Document in question, (ii) finding that the impact of the changes to Company's payment obligations under this Agreement on Company's revenue requirements is reasonable, and (iii) approving the inclusion of the costs arising out of pricing changes in Company's Energy Cost Recovery Clause and/or Company's Purchase Power Adjustment Clause (or equivalent).

"PUC Submittal Date": The date of the submittal of Company's complete application or motion for a satisfactory PUC Approval Order pursuant to Section 12.3 (PUC Approval) of this Agreement.

"PUC's Standards": Standards for Small Power Production and Cogeneration in the State of Hawai'i, issued by the Public Utilities Commission of the State of Hawai'i, Chapter 74 of Title 6, Hawai'i Administrative Rules, currently in effect and as may be amended from time to time.

"Qualified Consultant": Shall have the meaning set forth in Section 4(e) of Attachment B (Facility Owned by Seller) to this Agreement.

"Quarterly Report": The report of the data (for the BESS Measurement Period in question) necessary for the calculation of Performance Metrics to be provided by Seller to Company as set forth in Section 1 (Quarterly Report) of Attachment T (Quarterly Reporting and Dispute Resolution by Independent AF Evaluator) to this Agreement.

"Quarterly Report Disagreement": Any disagreement arising out of the same Quarterly Report, including whether the applicable Performance Metrics have been satisfied.

"Ramp Rate": The rate at which the active power output of the Facility is changed in a constant manner over a fixed time in units of MW/minute. See Attachment B for the specifications and limits to the Facility Ramp Rate.

"Recipient": Shall have the meaning set forth in Section 24.2 (Confidentiality).

"Reporting Milestones": Each of the milestones identified as such in Attachment L (Reporting Milestones).

"Required Model" or "Required Models": Shall have the meaning set forth in Section 6(a) (Seller's Obligation to Provide Models) of Attachment B (Facility Owned by Seller) of this Agreement.

"Revision Document": A document specifying one or more Performance Standards Revisions and setting forth the changes to the Agreement necessary to implement such Performance Standards Revision(s). A Revision Document may be either a written agreement executed by Company and Seller or as directed by the Independent Evaluator pursuant to Section 23.10 (Dispute) of this Agreement, in the absence of such written agreement.

"Revision Modification": For each Performance Standards Revision, any capital improvements, additions, enhancements, replacements, repairs or other operational modifications to the Facility and/or to changes in Seller's operations or maintenance practices necessary to enable the Facility to achieve the performance requirements of such Performance Standards Revision.

"Revision Modification Pricing Impact": Any reimbursement, adjustment in the payment obligations of Company under this Agreement and/or the calculation of Performance Metrics LDs, as may be necessary to specifically reflect the recovery of the net costs and/or net lost revenues specifically attributable to any Revision Modification, which shall consist of the following: (i) recovery of, and return on, any capital investment (aa) made over a cost recovery period starting after the Revision Modification is made effective following a PUC Revision Modification Order through the end of the Initial Term and (bb) based on a proposed capital structure that is commercially reasonable for such an investment and the return on investment is at market rates for such an investment or similar investment); (ii) recovery of reasonably expected net additional operating and maintenance costs; (iii) recovery of reasonably expected applicable federal or state tax credits lost or not obtainable which are directly attributable to the Revision Modification; and (iv) an adjustment in pricing or Performance Metrics, as applicable, necessary to compensate Seller for reasonably expected reductions, if any, in the Lump Sum

Payment, or reasonably expected increases in Performance Metrics LDs directly related to the Revision Modification.

"Revenue Metering Package": The revenue meter, revenue metering PTs and CTs, and secondary wiring.

"RFP": Shall mean the "RFP" identified as such in the Project Specific Addendum.

"RFP Proposal": The documents and submissions comprising Seller's proposal selected in the Final Award Group in response to the RFP.

"Right of First Negotiation Period": Shall have the meaning set forth in Section 1(a)(ii) of Attachment P (Sale of Facility by Seller) to this Agreement.

"RTE Cure Period": Shall have the meaning set forth in Section 2.11(b) (RTE Termination Rights).

"RTE Performance Metric": Shall have the meaning set forth in the Project Specific Addendum.

"RTE Ratio": Shall have the meaning set forth in Attachment W (BESS Tests) to this Agreement.

"SCADA" or "Supervisory Control And Data Acquisition" The Company system that provides remote control and monitoring of Company's transmission and sub-transmission systems and enables Company to perform real-time control of equipment in the field and to monitor the conditions and status of the Company System.

"Second NUB Contract": Shall have the meaning set forth in Section 1(e) (Revisions to Costs) of Attachment G (Company-Owned Interconnection Facilities) to this Agreement.

"Section 5": Shall have the meaning set forth in Section 5(g) of Attachment A (Description of Storage Facility) to this Agreement.

"Security Funds": Shall have the meaning set forth in Section 14.6 (Security Funds) of this Agreement.

"Seller": Shall have the meaning set forth in the preamble to the Agreement.

"Seller-Attributable Unavailability": See definition in Project Specific Addendum.

"Seller-Attributable System Conditions": Conditions on the Company System:

- (i) that result from either (aa) the Facility's storage and/or delivery of electric power to the Company System or (bb) any condition arising from the acts or omissions of Seller or any Seller Representative, unless such acts or omissions are themselves excused by reasons of Force Majeure pursuant to Article 21 (Force Majeure) of this Agreement; and
- (ii) caused by or attributable to the Facility or Seller or any Seller Representatives that Company reasonably determines to either (xx) be inconsistent with Good Engineering and Operating Practices on the Company System or (yy) jeopardize the safety, reliability or stability of the Company System.

"Seller-Owned Interconnection Facilities": The Interconnection Facilities constructed and owned by Seller.

"Seller's Conditions Precedent Date": Shall have the meaning set forth in Section 13.8 (Company Milestones). "Site": The parcel of real property on which the Facility will be constructed and located, together with any Land Rights reasonably necessary for the construction, ownership, operation and maintenance of the Facility. The Site is identified in Attachment A (Description of Storage Facility) to this Agreement.

"Source Code": Shall mean the human readable source code of the Required Models which: (i) will be narrated documentation related to the compilation, linking, packaging and platform requirements and any other materials or software sufficient to enable a reasonably skilled programmer to build, modify and use the code within a commercially reasonable period of time for the purposes of a Source Code Authorized Use; and (ii) can reasonably be compiled by a computer for execution.

"Source Code Authorized Use": Shall have the meaning set forth in Section 6(b)(i)(E) (Authorized Use) of Attachment B (Facility Owned by Seller) of this Agreement.

"Source Code Escrow": Shall mean the escrow established with the Source Code Escrow Agent under the terms of the Source Code Escrow Agreement under which Source Code shall be confidentially

deposited by a Source Code Owner for safekeeping and, upon the satisfaction of certain conditions, release to the Company.

"Source Code Escrow Agent": Shall mean Iron Mountain Intellectual Property Management, Inc. or such other similar escrow agent approved by Company.

"Source Code Escrow Agreement": Shall mean a multi-party escrow agreement between Company, Source Code Escrow Agent and any and all Source Code Owners depositing Source Code into the Source Code Escrow which, among other matters, names Company as beneficiary thereunder, and is otherwise acceptable in form and substance to Company.

"Source Code Owner": Shall mean the developer and/or owner of the Required Models utilizing Source Code authorized to deposit the Source Code with the Source Code Escrow Agent upon the terms of the Source Code Escrow Agreement.

"SOX 404": Shall have the meaning set forth in Section 24.1 (Financial Compliance).

"Standards": Shall have the meaning set forth in Section 2(c) (Plans) of Attachment G (Company-Owned Interconnection Facilities) to this Agreement.

"Standby Letter of Credit": Shall have the meaning set forth in Section 6(a) (Standby Letter of Credit) of Attachment G (Company-Owned Interconnection Facilities) to this Agreement.

"State of Charge": Energy in the Facility stated as a percentage of BESS Contract Capacity.

"Station Use": The electrical load of the Facility's auxiliary equipment that is necessary for operation of the Facility as set forth in Attachment B (Facility Owned by Seller). The auxiliary equipment includes, but is not limited to, forced and induced draft fans, air conditioner systems, cooling towers, plant lighting and control systems, any heating or cooling equipment necessary to keep energy storage componentry within their normal operating temperatures, any motors or pumps required for moving material within the battery energy storage system, and any other electrical loads required for the Energy Storage Services.

"Station Use Metering Equipment": For the Facility, a Company-approved revenue quality meter (or meters), Company-approved data

processing gateway or remote intelligence gateway, telemetering equipment and data acquisition services sufficient for monitoring, recording and reporting, in real time, all electric energy consumed by the Facility for Station Use.

"Storage Unit(s)": The BESS unit or units specified in Attachment A (Description of Storage Facility) through which Seller has agreed to make available the Energy Storage Services to Company pursuant to this Agreement.

"Study": Shall have the meaning set forth in Section 4(e) of Attachment B (Facility Owned by Seller) to this Agreement.

"Submission Notice": Shall have the meaning set forth in Section 4(a) (Appointment of Independent AF Evaluator) of Attachment T (Quarterly Reporting and Dispute Resolution by Independent AF Evaluator) to this Agreement.

"Subsequent Owner": Shall have the meaning set forth in Section 19.4 (Financing Document Requirements).

"Telemetry and Control": The interface between Company's EMS and the physical equipment at the Facility.

"Term": Shall mean the Initial Term.

"Termination Damages": Liquidated damages calculated in accordance with Article 16 (Damages in the Event of Termination by Company) of this Agreement.

"Termination Deadline": The 30th Day following the date the completed IRS is provided to Seller, or such later date as Company and Seller may agree to by a written agreement.

"Third Party": Any person or entity other than Company or Seller, and includes, but is not limited to, any subsidiary or affiliate of Seller.

"Total Actual Interconnection Cost": Actual costs for the Interconnection Facilities, to be designed, engineered and constructed by Company, as provided in Attachment G (Company-Owned Interconnection Facilities) to this Agreement.

"Total Actual Relocation Cost": Shall have the meaning set forth in Section 5(b) of Attachment G (Company-Owned Interconnection Facilities) to this Agreement.

"Total Estimated Interconnection Cost": Estimated costs for the Interconnection Facilities, to be designed, engineered and constructed by Company, as provided in Attachment G (Company-Owned Interconnection Facilities) to this Agreement.

"Total Estimated Relocation Cost": Shall have the meaning set forth in Section 5(a) of Attachment G (Company-Owned Interconnection Facilities) to this Agreement.

"Total Interconnection Cost": Shall have the meaning set forth in Section 3(a)(i) of Attachment G (Company-Owned Interconnection Facilities) to this Agreement.

"Transfer Date": The date, prior to the Commercial Operations Date, upon which Seller transfers to Company all right, title and interest in and to Company-Owned Interconnection Facilities to the extent, if any, that such facilities were constructed by Seller and/or its contractors.

"Unfavorable PUC Order": Shall have the meaning set forth in Section 29.20(e) (Unfavorable PUC Order).

ATTACHMENT A
DESCRIPTION OF STORAGE FACILITY

[See Project Specific Addendum for Attachment A and Exhibit A-1
(Good Standing Certificates) and Exhibit A-2 (Ownership
Structure)]

ATTACHMENT B
FACILITY OWNED BY SELLER

[See Project Specific Addendum for Attachment B and Exhibit B-1
(Modeling Requirements) and Exhibit B-2 (Energy Storage Capability
Curve(s))]

ATTACHMENT C
[RESERVED]

ATTACHMENT D
CONSULTANTS LIST

[See Project Specific Addendum for Attachment D]

ATTACHMENT E
SINGLE-LINE DRAWING AND INTERFACE BLOCK DIAGRAM

[See Project Specific Addendum for Attachment E]

ATTACHMENT F
RELAY LIST AND TRIP SCHEME

[See Project Specific Addendum for Attachment F]

ATTACHMENT G
COMPANY-OWNED INTERCONNECTION FACILITIES

[See Project Specific Addendum for Attachment G]

ATTACHMENT H
FORM OF BILL OF SALE AND ASSIGNMENT

THIS BILL OF SALE AND ASSIGNMENT ("Bill of Sale"), made as of the ____ day of _____, 20__, by _____ ("Transferor") and _____ ("Transferee").

W I T N E S S E T H:

1. Bill of Sale. In consideration of the mutual covenants and agreements of Transferor and Transferee under the Energy Storage Purchase Agreement between Transferor and Transferee dated _____, 20__ ("ESPA") and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Transferor does hereby sell, assign and transfer over to Transferee all of Transferor's right, title and interest, in and to (i) all the tangible personal property and fixtures (including but not limited to the items set forth in Schedule H-1 (Description of Tangible Personal Property and Fixtures) attached hereto and incorporated herein), that constitutes what is referred to as the "Company-Owned Interconnection Facilities to be installed by or on behalf of Seller" (or words to similar effect) as set forth in Attachment G (Company-Owned Interconnection Facilities) to the ESPA between [**Transferor and Transferee**] and (ii) the intangible personal property (including but not limited to the intangible personal property set forth in Schedule H-2 (Description of Intangible Personal Property) attached hereto and incorporated herein) owned by Transferor and used or to be used in the ownership, operation and maintenance of the aforesaid tangible personal property, to the extent assignable by Transferor, including without limitation, certificates of occupancy, permits, licenses, transferable warranties and guaranties, instruments, documents of title, and general intangibles pertaining to the aforesaid intangible personal property.

2. Warranty of Title. Transferor hereby warrants to Transferee that Transferor is the legal owner of the aforesaid tangible personal property and the aforesaid intangible personal property (including but not limited to the property set forth in Schedule H-1 (Description of Tangible Personal Property and Fixtures) and Schedule H-2 (Description of Intangible Personal Property)), and that said property is being sold, assigned and transferred to Transferee free and clear of all liens and encumbrances.

3. Governing Law. This Bill of Sale shall be governed by, and construed and interpreted in accordance with, the laws of the State of Hawai'i.

**[Signatures for Bill of Sale and Assignment
Appear on the Following Page]**

IN WITNESS WHEREOF, Transferor and Transferee have executed this instrument on the day and year first above written.

a _____

By _____
Its _____

"Transferor"

a Hawai'i corporation

By _____
Its _____

By _____
Its _____

"Transferee"

SCHEDULE H-1
DESCRIPTION OF TANGIBLE PERSONAL PROPERTY AND FIXTURES

SCHEDULE H-2
DESCRIPTION OF INTANGIBLE PERSONAL PROPERTY

LAND COURT SYSTEM

REGULAR SYSTEM

Return by Mail () Pickup () To:

Tax Map Key Nos.:

Total pages: _____

ATTACHMENT I
FORM OF ASSIGNMENT OF LEASE AND ASSUMPTION

THIS ASSIGNMENT is made as of this _____ day of _____, 20____, by _____, a _____, whose principal place of business and post office address is _____, hereinafter called the "Assignor," and _____, a Hawai'i corporation, whose principal place of business and post office address is _____, Honolulu, HI 968____, hereinafter called the "Assignee,"

W I T N E S S E T H:

THAT the Assignor, for and in consideration of the sum of TEN DOLLARS (\$10.00) and other good and valuable consideration to it paid by the Assignee, the receipt and sufficiency of which are hereby acknowledged, and of the covenants and agreements of the Assignee hereinafter contained and on the part of the Assignee to be faithfully kept and performed, does hereby sell, assign, delegate, transfer, set over and deliver unto the Assignee, and its successors and assigns, all of Assignor's right, title and interest in and to the lease described in Schedule 1 (the "Lease"); together with

all interests thereto appertaining, and together with the personal property located on the land thereby demised.

And all of the estate, right, title and interest of the Assignor in and to the land thereby demised, and all buildings, improvements, rights, easements, privileges and appurtenances thereunto belonging or appertaining or used, occupied and enjoyed in connection with said Lease and the land thereby demised.

TO HAVE AND TO HOLD the same unto Assignee and its successors and assigns, for and during the respective unexpired term of said Lease, and as to said personal property (if any) absolutely and forever.

AND, in consideration of the premises, the Assignor does hereby covenant with the Assignee that the Assignor is the lawful owner of the herein described real property; that said Lease is in full force and effect and is not in default; that said real property is free and clear of and from all liens and encumbrances, except for the lien of real property taxes not yet by law required to be paid; that the Assignor is the lawful owner of said personal property (if any) and that Assignor's title thereto is free and clear of and from all liens and encumbrances, that the Assignor has good right to sell and assign said real property and personal property (if any) as aforesaid; and, that the Assignor will WARRANT AND DEFEND the same unto the Assignee against the lawful claims and demands of all persons, except as aforesaid.

AND, in consideration of the foregoing, the Assignee does hereby promise, covenant and agree to and with the Assignor and to and with the lessor under the Lease, that the Assignee will, effective as of and from the date of the execution and delivery of this instrument and during the residue of the term of said Lease, pay the rents thereby reserved as and when the same become due and payable pursuant to the provisions of said Lease, and will also faithfully observe and perform all of the covenants and conditions contained in said Lease which from and after the date hereof are or ought to be observed and performed by the lessee therein named, and will at all times hereafter indemnify and save harmless the Assignor from and against the nonpayment of said rent and the nonobservance or nonperformance of said covenants and conditions and each of them.

The terms "Assignor" and "Assignee", as and when used herein, or any pronouns used in place thereof, shall mean and include the masculine, feminine or neuter, the singular or

plural number, individuals, partnerships, trustees or corporations and their and each of their respective successors, heirs, personal representatives, successors in trust and assigns, according to the context hereof. All covenants and obligations undertaken by two or more persons shall be deemed to be joint and several unless a contrary intention is clearly expressed elsewhere herein. The term "Lease", as and when used herein, means the lease or sublease demising the leasehold estate described in Schedule 1, together with all recorded amendments thereof, if any, whether or not listed in Schedule 1. The term "rent", as and when used herein, means and includes all rents, taxes, assessments and any other sums charged pursuant to the Lease.

This instrument may be executed in any number of counterparts, each of which shall be deemed an original, but all of which shall constitute one instrument binding on all the Parties hereto, notwithstanding that all the Parties are not signatory to the original or the same counterpart.

[Signatures for Assignment of Lease and Assumption are on following page.]

IN WITNESS WHEREOF, Company and Assignor have executed
this instrument as of the date first above written.

By _____
Name:
Title:

By _____
Name:
Title:
"Assignor"

By _____
Name:
Title:

By _____
Name:
Title:
"Assignee"

STATE OF HAWAI'I)
) SS:
CITY AND COUNTY OF HONOLULU)

On this ____ day of _____, 20__, before me personally appeared _____ and _____, to me known to be the persons described in and who executed the foregoing instrument, and acknowledged that such persons executed such instrument as the free act and deed of such persons and if applicable in the capacity shown, having been duly authorized to execute such instrument in such capacity.

(Official Stamp or Seal)

Signature: _____
Print Name: _____
Notary Public, State of Hawai'i

My commission expires: _____

NOTARY CERTIFICATION STATEMENT

Document Identification or
Description: _____

Doc. Date _____ No. of Pages: _____

Jurisdiction: _____ Circuit
(in which notarial act is performed)

Signature of Notary Date of Notarization and
 Certification Statement

(Official Stamp or Seal)

Printed Name of Notary

STATE OF HAWAI'I)
) SS:
CITY AND COUNTY OF HONOLULU)

On this ____ day of _____, 20__, before me personally appeared _____ and _____, to me known to be the persons described in and who executed the foregoing instrument, and acknowledged that such persons executed such instrument as the free act and deed of such persons and if applicable in the capacity shown, having been duly authorized to execute such instrument in such capacity.

(Official Stamp or Seal)

Signature: _____
Print Name: _____
Notary Public, State of Hawai'i

My commission expires: _____

NOTARY CERTIFICATION STATEMENT

Document Identification or

Description: _____

Doc. Date _____ No. of Pages: ____

Jurisdiction: _____ Circuit
(in which notarial act is performed)

(Official Stamp or Seal)

Signature of Notary _____ Date of Notarization and
Certification Statement

Printed Name of Notary _____

SCHEDULE 1

- Description of Lease
- To Be Attached

ATTACHMENT J
COMPANY PAYMENTS FOR DISPATCHABILITY AND AVAILABILITY OF BESS

1. [RESERVED]
2. Lump Sum Payment. Commencing on the Commercial Operations Date, Company shall pay Seller for the availability of the Facility's Energy Storage Services to respond to Company Dispatch in accordance with this Agreement, a monthly Lump Sum Payment as calculated and adjusted as set forth in Section 3 (Calculation of Lump Sum Payment) of this Attachment J (Company Payments for Dispatchability and Availability of BESS). For avoidance of doubt, because the Facility will not be available until the Commercial Operations Date, if the Commercial Operations Date occurs on a Day that is not the first Day of a calendar month, the monthly Lump Sum Payment shall be prorated for the period from the Commercial Operations Date to the end of that month.
3. Calculation of Lump Sum Payment. The monthly Lump Sum Payment shall be calculated and adjusted as follows:
 - i. [RESERVED]
 - ii. [RESERVED]
 - iii. [RESERVED]
 - iv. Under the Company's previous forms of as-available power purchase agreements for renewable energy, the independent power producer was compensated for the production and delivery of electrical energy and assumed the risk of non-payment for events such as Force Majeure that prevented such production and delivery. Although under this Agreement most or all of Seller's compensation will be in the form of a Lump Sum Payment rather than for the production and delivery of electrical energy, it is not the intent of the Parties that Seller should be entitled to unrestricted compensation in circumstances in which an independent power producer would not have been able to earn compensation under the Company's prior form of power purchase agreements (i.e., if the Facility or any portion thereof is unable to receive and/or deliver electric energy). Although the liquidated damages that are payable if the BESS Annual Equivalent Availability Factor fails to satisfy the BESS EAF Performance Metric addresses this issue in certain of the circumstances

when the Facility or a portion thereof is unable to respond to Company Dispatch, the BESS Annual Equivalent Availability Factor does not account for events of Force Majeure because Force Majeure hours are deemed to be Reserve Shutdown Hours for purposes of calculating the BESS Annual Equivalent Availability Factor under Attachment X (BESS Annual Equivalent Availability Factor) to this Agreement. Accordingly, and without limitation to the generality of the foregoing provisions of this Section 3 (Calculation of Lump Sum Payment) of this Attachment J (Company Payments for Dispatchability and Availability of BESS), the monthly Lump Sum Payment shall be adjusted downward pro rata for each hour or portion thereof during the calendar month in question that the Facility or a portion thereof was not available to respond to Company Dispatch because of a Force Majeure condition (i) affecting the Facility or any portion thereof or (ii) that otherwise delays or prevents the Seller from making the Facility or any portion thereof available for Company Dispatch. The hours the Facility is affected by Force Majeure are converted to equivalent full outage hours by multiplying the actual duration of the event (hours) by (i) the size of the reduction in MWs or number of devices, divided by (ii) the BESS Contract Capacity if the size of the reduction is in MWs or the total number of devices in the affected system if the size of the reduction is a device count. These equivalent hour(s) are then summed. The summation of equivalent full outage hours is then divided by the months total period hours (number of days in the month x 24hrs/day) to determine the pro-rated factor the Lump Sum Payment will be adjusted by.

- v. Example: if a Facility has forty inverters and, during the month of June (which has 720 period hours), one BESS module is not available to respond to Company Dispatch for a period of 240 hours due to a Force Majeure condition as aforesaid, the monetary amount of the resulting downward adjustment to the monthly Lump Sum Payment for the month of June would be calculated as follows:

$$\begin{array}{l} \text{Monetary Amount} \\ \text{of Downward} \\ \text{Adjustment} \end{array} = \begin{array}{l} (\text{MLSP} \times 1/40) \\ \times 240/720 \end{array}$$

where:

MLSP = The monthly Lump Sum Payment that would be payable for such month but for the downward adjustment.

For purposes of determining the monetary amount of the foregoing downward adjustment, the product obtained by multiplying a monetary value by a fraction shall be rounded to the nearest cent.

4. [RESERVED]
5. Tax Credit Pass Through. Company acknowledges and agrees that the Federal Refundable Tax Credit and Federal Non-Refundable Tax Credit shall inure to the benefit of the Claiming Entity; provided, however, that Seller acknowledges and expressly agrees that the Federal Refundable Tax Credit and Federal Non-Refundable Tax Credit, with regard to Seller's Facility, have been calculated into the Contract Pricing based on the maximization of such credits. In the event that Seller's Facility does not gain the benefit of the Federal Refundable Tax Credit and/or the Federal Non-Refundable Tax Credit, Seller expressly acknowledges and agrees that it shall not seek to amend the Contract Pricing.
 - (a) Because the Hawai'i tax treatment that will apply to battery energy storage technologies on the Commercial Operations Date is uncertain, the parties acknowledge that the Contract Pricing was set assuming Seller will not be eligible for any Hawai'i state tax credit based on its investment in battery energy storage technologies incorporated into the Facility. The intent of this Section 5 (Tax Credit Pass Through) is to entitle Company, for the benefit of its customers, to a payment equal to 100% of the maximum Hawai'i state tax credit for which Seller is eligible with respect to the Facility and receives during the Term, as more fully set forth in this Section 5 (Tax Credit Pass Through).
 - (b) If, as of the Commercial Operations Date, or, if not available at the Commercial Operations Date, at any subsequent time during the Term, a Hawai'i Refundable Tax Credit is reasonably available to Seller or its Affiliates with respect to the Facility, the following shall apply:
 - (i) Seller or Seller's Affiliate will apply for such Hawai'i Refundable Tax Credit, it being understood and agreed that if Seller applies for a Hawai'i Refundable Tax Credit as of the Commercial

Operations Date, it shall have fulfilled its obligations hereunder to apply for the Hawai'i Refundable Tax Credit;

- (ii) Seller shall make a payment to Company in an amount equal to one hundred percent (100%) of the Net Amount of such Hawai'i Refundable Tax Credit within thirty (30) Days after funds are received from the Hawai'i Department of Taxation;
 - (iii) Upon application for the Hawai'i Refundable Tax Credit, an officer of Seller will deliver to Company a notice (A) describing Seller's efforts to apply for and obtain the Hawai'i Refundable Tax Credit, (B) confirming that Seller has applied for the Hawai'i Refundable Tax Credit, and (C) certifying that Seller has used commercially reasonable efforts to apply for and obtain the maximum reasonably available Hawai'i Refundable Tax Credit as provided in this Section 5 (Tax Credit Pass Through);
 - (iv) Upon receipt of any funds from the Hawai'i Department of Taxation for the Hawai'i Refundable Tax Credit, an officer of Seller or an Affiliate of Seller, if applicable, will deliver a notice to Company certifying (A) the amount of funds received, (B) and the amount of payment that will be made to Company, net of any documented and reasonable financial, legal, administrative, and other costs required to claim and transfer such funds to Seller, as supported by the officer's certificate as to the amount of such costs and the reasonableness thereof.
- (c) If, as of the Commercial Operations Date, a Hawai'i Refundable Tax Credit is unavailable, but a Hawai'i Non-Refundable Tax Credit is available to Seller or its Affiliates with respect to the Facility, or at any subsequent time during the Term, a Hawai'i Non-Refundable Tax Credit becomes available to Seller or its Affiliates with respect to the Facility, notwithstanding that Seller may have applied for a Hawai'i Refundable Tax Credit, and in either case Seller can claim, or enable its investors to claim, such Hawai'i Non-Refundable Tax Credit, the following shall apply:

- (i) Seller or an Affiliate of Seller will apply for any available Hawai'i Non-Refundable Tax Credit, it being understood and agreed that if Seller applies for a Hawai'i Non-Refundable Tax Credit as of the Commercial Operations Date, it shall have fulfilled its obligations hereunder to apply for the Hawai'i Non-Refundable Tax Credit;
 - (ii) Seller shall make a payment to Company in an amount equal to one hundred percent (100%) of the Net Amount of such Hawai'i Non-Refundable Tax Credit that Seller can claim in the tax year in question within sixty (60) Days after the filing date of the applicable tax return for the tax year in which such Hawai'i Non-Refundable Tax Credit is claimed;
 - (iii) Upon the filing of the applicable tax return(s), an officer of Seller or an Affiliate of Seller, if applicable, will deliver a notice to Company (A) describing Seller's efforts to apply for and obtain the Hawai'i Non-Refundable Tax Credit, (B) confirming that Seller has applied for the Hawai'i Non-Refundable Tax Credit, and (C) certifying that Seller has used commercially reasonable efforts to apply for and obtain the maximum reasonably available Hawai'i Non-Refundable Tax Credit as provided in this Section 5 (Tax Credit Pass Through);
 - (iv) Upon receipt of any funds for the Hawai'i Non-Refundable Tax Credit, an officer of Seller or an Affiliate of Seller, if applicable, will deliver a notice to Company certifying (A) the amount of funds received, (B) and the amount of payment that will be made to Company, net of any documented and reasonable financial, legal, administrative, and other costs required to claim, monetize and transfer such funds to Seller, as supported by the officer's certificate as to the amount of such costs and the reasonableness thereof;
- (d) Seller shall use commercially reasonable efforts to apply for and obtain the maximum reasonably available Hawai'i Refundable and/or Non-Refundable Tax Credit as provided in this Section 5 (Tax Credit Pass Through). If Seller fails to apply for and to use commercially reasonable efforts to obtain such Hawai'i Renewable Energy Tax Credit

as described above, then Company shall be entitled to liquidated damages in the amount set forth in the Project Specific Addendum with reference to this Section 5(d) of this Attachment J (Company Payments for Dispatchability and Availability of the BESS). Seller and Company agree and acknowledge that (i) the failure to use commercially reasonable efforts as provided in the preceding sentence would result in damages to Company in the form of reduction or loss of a benefit for Company's customers that would be difficult or impossible to calculate with certainty and (ii) the amount set forth in the Project Specific Addendum is an appropriate approximation of such damages. Company's right to collect liquidated damages as described in this Section 5(d) shall constitute Company's exclusive remedy and fulfillment of all Seller's liability with respect to its obligations to maximize the amount of Hawai'i Refundable and/or Non-Refundable Tax Credit. Such liquidated damages shall be provided to Company in the form of a lump sum payment by Seller or as a credit against any amounts due by Company to Seller under this Agreement, as Company reasonably determines.

(e) [RESERVED]

(f) Company reserves the right to have Seller's application for the Hawai'i Renewable Energy Tax Credit in Section 5(b) or Section 5(c) of this Attachment J (Company Payments for Dispatchability and Availability of BESS) reviewed by an Independent Tax Expert to determine if such application is expected to maximize available tax credits to best benefit Company's customers, in which case, the provisions of this Section 5(f) shall apply. Company shall deliver to Seller a written notice (the "Nomination Notice") of: (i) the names of three persons qualified and willing to accept appointment as an Independent Tax Expert; (ii) a description provided by each nominee of his or her qualifications to serve as an Independent Tax Expert; (iii) a written undertaking by each nominee to review Seller's tax credit strategy and application, and (iv) each nominee's fee proposal. Seller and Company shall agree on a mutually acceptable person to serve as the Independent Tax Expert within ten (10) Business Days of Seller's receipt of Company's written notice. If the Parties fail to agree upon a mutually acceptable Independent Tax Expert within the aforesaid ten Business Day period, such disagreement shall be resolved pursuant to Section 5(g) of this

Attachment J (Company Payments for Dispatchability and Availability of BESS). Company shall pay the fees and expenses of the Independent Tax Expert and Seller shall promptly reimburse Company for one-half of such fees and expenses.

- (g) Any dispute arising under this Attachment J (Company Payments for Dispatchability and Availability of BESS) shall constitute a "Dispute" within the meaning of Article 28 (Dispute Resolution) of this Agreement and shall be resolved as provided in said Article 28 (Dispute Resolution).
- (h) For purposes of this Attachment J (Company Payments for Dispatchability and Availability of BESS), an Affiliate of Seller is a company that directly or indirectly controls, is controlled by, or is under common control with Seller, and Seller may perform its obligations under this Attachment J (Company Payments for Dispatchability and Availability of BESS) directly or through one or more Affiliates.

ATTACHMENT K
GUARANTEED PROJECT MILESTONES

[See Project Specific Addendum for Attachment K]

ATTACHMENT K-1
SELLER'S CONDITIONS PRECEDENT AND COMPANY MILESTONES

[See Project Specific Addendum for Attachment K-1]

ATTACHMENT L
REPORTING MILESTONES

[See Project Specific Addendum for Attachment L]

ATTACHMENT M
FORM OF LETTER OF CREDIT

Page 1 of 2

[Bank Letterhead]

[Date]

Beneficiary: **[Hawaiian Electric Company, Inc.]**
 [Maui Electric Company, Limited]
 [Hawai'i Electric Light Company, Inc.]

[Address]

[Bank's Name]

[Bank's Address]

Re: **[Irrevocable Standby Letter of Credit Number]**

Ladies and Gentlemen:

We hereby establish, in your favor, our irrevocable standby Letter of Credit Number _____ (this "Letter of Credit") for the account of **[Applicant's Name]** and **[Applicant's Address]** in the initial amount of \$ _____ **[dollar value]** and authorize you, **[Hawaiian Electric Company, Inc.] [Maui Electric Company, Limited] [Hawai'i Electric Light Company, Inc.]** ("Beneficiary"), to draw at sight on **[Bank's Name]**.

Subject to the terms and conditions hereof, this Letter of Credit secures **[Project Entity Name]**'s certain obligations to Beneficiary under the Energy Storage Purchase Agreement dated as of _____ between **[Project Entity Name]** and Beneficiary.

This Letter of Credit is issued with respect to the following obligations: _____.

This Letter of Credit may be drawn upon under the terms and conditions set forth herein, including any documentation that must be delivered with any drawing request.

Partial draws of this Letter of Credit are permitted. This Letter of Credit is not transferable. Drafts on us at sight shall be accompanied by a Beneficiary's signed statement signed by a representative of Beneficiary as follows:

The undersigned hereby certifies that (i) I am duly authorized to execute this document on behalf of **[Hawaiian Electric Company, Inc.] [Maui Electric Company, Limited] [Hawai'i Electric Light Company, Inc.]** and [(ii) the amount of the draft accompanying this certification is due and owing to **[Hawaiian Electric Company, Inc] [Maui Electric Company, Limited] [Hawai'i Electric Light Company, Inc.]** under the terms of the Energy Storage Purchase Agreement dated as of _____, between _____, and **[Hawaiian Electric Company, Inc] [Maui Electric Company, Limited] [Hawai'i Electric Light Company, Inc.]** [(ii) the Letter of Credit will expire in less than thirty (30) days, it has not been replaced or extended and collateral is still required under Section _____ of the Energy Storage Purchase Agreement*].

Such drafts must bear the clause "Drawn under **[Bank's Name and Letter of Credit Number _____ and date of Letter of Credit.]**"

All demands for payment shall be made by presentation of originals or copies of documents, by facsimile transmission of documents to **[Bank Fax Number]** or other such number as specified from time to time by the bank, or by email transmission of documents in PDF format to **[Bank Email Address]** or other such email address as specified from time to time by the bank. If presentation is made by facsimile transmission or email transmission, you may contact us at **[Bank Phone Number]** to confirm our receipt of the transmission. Your failure to seek such a telephone confirmation does not affect our obligation to honor such a presentation. If presented by facsimile or email, original documents are not required.

This letter of credit shall expire one year from the date hereof. Notwithstanding the foregoing, however, this letter of credit shall be automatically extended (without amendment of any other term and without the need for any action on the part of the undersigned or Beneficiary) for one year from the initial expiration date and each future expiration date unless we notify you and Applicant in writing at least thirty (30) days prior to any such expiration date that this letter of credit will not be so

* For draw relating to lapse of Letter of Credit while credit support is still required pursuant to the Energy Storage Purchase Agreement.

extended. Any such notice shall be delivered by registered or certified mail, or by FedEx, both to:

Beneficiary at:

and to

And a copy to Applicant at:

We hereby agree with drawers that drafts and documents as specified above will be duly honored upon presentation to **[Bank's Name]** and **[Bank's Address]** if presented on or before the then-current expiration date hereof.

Payment of any amount under this Letter of Credit by **[Bank]** shall be made as the Beneficiary shall instruct on the next Business Day after the date the **[Bank]** receives all documentation required hereunder, in immediately available funds on such date. As used in this Letter of Credit, the term "Business Day" shall mean any day other than a Saturday or Sunday or any other day on which banks in the State of **[Note - insert State of bank's location]** are authorized or required by law to be closed.

Unless otherwise expressly stated herein, this irrevocable standby letter of credit is issued subject to the rules of the International Standby Practices, International Chamber of Commerce publication no. 590 ("ISP98").

[Bank's Name] :

By: _____
[Authorized Signature]

ATTACHMENT N
ACCEPTANCE TEST GENERAL CRITERIA

[See Project Specific Addendum for Attachment N]

ATTACHMENT O
CONTROL SYSTEM ACCEPTANCE TEST CRITERIA

[See Project Specific Addendum for Attachment O]

ATTACHMENT P
SALE OF FACILITY BY SELLER

1. Company's Right of First Negotiation Prior to End of the Term.
 - (a) Right of First Negotiation. Commencing as of the Commercial Operations Date, should Seller desire to sell, transfer or dispose of its right, title, or interest in the Facility, in whole or in part, including a Change in Control (as defined below), then, other than through an "Exempt Sale" (as defined below):
 - (i) Seller shall first offer to sell such interest to Company by providing Company with written notice of the same (the "Offer Notice"), which notice shall identify the proposed purchase price for such interest (including a description of any consideration other than cash that will be accepted) (the "Offer Price") and any other material terms of the intended transaction, and Company may, but shall not be obligated to, purchase such interest at the Offer Price and upon the other material terms and conditions specified in the Offer Notice, and in accordance with the terms and conditions of this Attachment P (Sale of Facility by Seller). Seller shall provide to Company as part of the Offer Notice, information in its possession regarding the Facility to allow Company to conduct due diligence on the potential purchase, including, but not limited to information on the operational status of the Facility and its components, and the amount of debt or other material Seller obligations remaining with respect to the Facility (the Offer Notice and due diligence information on the Facility are collectively referred to as, the "Offer Materials"). Within five (5) Days of Company's receipt of the Offer Materials, if Company believes the due diligence information is incomplete, Company shall specify in writing the additional information Company requires to conduct its due diligence. The date on which Company receives the Offer Materials from Seller is referred to hereinafter as the "Offer Date."
 - (ii) If Company desires to purchase such interest, Company shall indicate so by delivering to Seller a binding, written offer to purchase such interest at

the Offer Price and on the terms and conditions specified in the Offer Notice within thirty (30) Days of the Offer Date (an "Acceptance Notice"). In the event Company timely delivers an Acceptance Notice, Seller shall sell and transfer to Company the interest substantially on the terms and conditions contained in the Offer Notice consistent with this Attachment P (Sale of Facility by Seller) and in accordance with definitive documentation to be entered into between Seller and Company. The Parties shall have sixty (60) Days from the Company's Acceptance Notice, or such other extended timeframe as agreed to by the Parties in writing, to negotiate in good faith, the terms and conditions of a purchase and sale agreement. The period beginning with the Offer Date and ending with such sixty (60) Day period (as may be extended as aforesaid) is referred to as the "Right of First Negotiation Period".

- (iii) Seller shall not solicit any offers for the sale of such interest to any other party during the Right of First Negotiation Period unless, during that period, Company provides Seller with written notice that Company no longer desires to purchase such interest, whereupon negotiations shall terminate.
- (iv) In the event that (A) Company fails to timely deliver an Acceptance Notice, (B) Company delivers a notice to Seller that it no longer desires to purchase the interest, or (C) the Parties are not able to execute a purchase and sale agreement within the 60-Day period set forth in Section 1(a)(ii) of this Attachment P (Sale of Facility by Seller), Seller may for a period of two hundred seventy (270) Days following the event specified in subsection (A), (B) or (C) above, commence solicitation of offers and negotiations from and with other parties for the sale of such interest. If the interest is not transferred to a purchaser or purchasers for any reason within the two hundred seventy (270) Day period, the interest may only be transferred by again complying with the procedures set forth in this Section 1(a) (Right of First Negotiation) of Attachment P (Sale of Facility by Seller); provided, however, if Seller and the prospective purchaser have entered into definitive

agreement(s) for the sale of the interest that was reasonably expected to close within such two hundred seventy (270) Day period and such agreement(s) remain in full force and effect between Seller and such prospective purchaser and are subject to conditions precedent that are expected to be satisfied within a reasonable period, the two hundred seventy (270) Day period shall be extended as to such agreement(s) and such prospective purchaser for up to one hundred eighty (180) additional Days or, if sooner, until such date that such agreement(s) have been terminated, cancelled or otherwise become no longer in full force and effect.

(v) After expiration of the Right of First Negotiation Period, Company will not be precluded from providing offers or proposals to Seller along with other prospective purchasers in accordance with any offer or bid procedures established by Seller in its discretion.

(b) Change in Ownership Interests and Control of Seller. Commencing as of the Commercial Operations Date, the Right of First Negotiation shall also be triggered by a transfer or sale of an ownership interest in Seller (whether in a single transaction or a series of related or unrelated transactions) following which the Parent Entity identified in the Project Specific Addendum or an entity controlled by the Parent Entity is no longer a direct or indirect owner of at least fifty-one percent (51%) of the equity interest or voting control of Seller (excluding any equity interest or voting control of Seller held by a tax equity investor or for Financing Purposes (as defined below)) (such transfer of ownership interest and change in control collectively referred to as a "Change in Control"); provided, however that a transfer or sale whereby the Parent Entity retains the possession, directly or indirectly, or the power to direct or cause the direction of the management and policies of Seller, whether through ownership, by contract, or otherwise, shall not be deemed a Change in Control.

(c) Exempt Sales. Exempt Sales shall not trigger a Right of First Negotiation and shall not require the consent of Company. As used herein, "Exempt Sales" means: (i) a

change in ownership of the Facility or equity interests in Seller resulting from the direct or indirect transfer or assignment by or of Seller in connection with financing or refinancing of the Facility ("Financing Purposes"), including, without limitation, any exercise of rights or remedies (including foreclosure) with respect to Seller's right, title, or interest in the Facility or equity interests in Seller undertaken by any financing party in accordance with applicable financing documents, and including, without limitation, (x) a sale and leaseback of the Facility, (y) an inverted lease, (z) a sale or transfer of equity in Seller to facilitate a tax credit financing (including any partnership "flip" transaction), (ii) a disposition of equipment in the ordinary course of operating and maintaining the Facility, (iii) a sale that does not result in a Change in Control, and (iv) a sale or transfer of any interest in Seller or the Facility to one or more companies directly or indirectly controlling, controlled by or under common control with Seller.

- (d) Seller's Right to Transfer. The provisions of this Section 1(d) (Seller's Right to Transfer) shall apply (i) from the Execution Date through the Commercial Operations Date and (ii) from the Commercial Operations Date in the event that Company does not consummate a purchase pursuant to its exercise of the Right of First Negotiation in accordance with the terms and conditions of this Attachment P (Sale of Facility by Seller). In such circumstances, Seller shall, subject to the prior written consent of Company, which consent shall not be unreasonably withheld, conditioned or delayed, have the right to transfer or sell the Facility to any person or entity which proposes to acquire the Facility with the intent to continue the operation of the Facility in accordance with the provisions of this Agreement pursuant to an assignment of this Agreement. Company shall consent to the assignment of this Agreement to such prospective purchaser upon receiving documentation from Seller establishing, to Company's reasonable satisfaction, that the assignee (i) has a tangible net worth of \$100,000,000 or a credit rating of "BBB-" or better and has the ability to perform its financial obligations hereunder (or provides a guaranty from an entity that meets this description) in a manner consistent with the terms and conditions of this Agreement; (ii) has experience in the ownership of BESS

facilities; and (iii) has at least five (5) years of experience in the operation (or contracts with an entity that has at least five (5) years of experience in the operation) of BESS facilities; provided, however, that Company shall be deemed to have consented to the assignment if, within ten (10) Business Days of receiving from Seller the documentation establishing that the assignee meets all the foregoing criteria, Company does not either (y) deliver the required consent to Seller, or (z) notify Seller which of the foregoing criteria is not established by such documentation. Notwithstanding the foregoing, Company consent shall not be required for any Exempt Sale.

- (e) Purchase and Sale Agreement and PUC Approval. In the event that Company exercises its Right of First Negotiation under Section 1(a) (Right of First Negotiation) of this Attachment P (Sale of Facility by Seller) and the Parties conclude a purchase and sale agreement, such agreement shall contain, at a minimum, the terms set forth in Section 4 (Purchase and Sale Agreement) of this Attachment P (Sale of Facility by Seller), and such agreement shall be subject to PUC Approval as provided in Section 5 (PUC Approval) of this Attachment P (Sale of Facility by Seller).
- (f) Right of First Refusal. In the event the Parties fail to agree upon a sale of the Facility or an interest in the Facility to Company prior to the expiration of the Right of First Negotiation Period, the provisions of this Section 1(f) (Right of First Refusal) of this Attachment P (Sale of Facility by Seller) shall apply if (i) Seller thereafter offers to sell the Facility to a third party for less than (as applicable) the final amount Company had offered to purchase the Facility or (ii) an ownership interest in the Facility that would result in a Change in Control is offered for sale to a third party that is less than the proportionate share of (as applicable) the final amount Company had offered to purchase the Facility. (By way of example, if the final amount offered by Company to purchase the Facility was \$100, and the ownership interest being offered for sale is 75%, the "proportionate share" is \$75, such that an offer to sell such ownership interest for less than \$75 would trigger this Section 1(f) (Right of First Refusal) of this Attachment P (Sale of Facility by Seller).) Seller shall notify Company in writing of an offer that

triggers this Section 1(f) (Right of First Refusal) of this Attachment P (Sale of Facility by Seller) and Company shall have the right to purchase the Facility for the amount of such offer on similar terms and conditions consistent with this Attachment P (Sale of Facility by Seller) and subject to PUC Approval; provided, that Company shall have one (1) month in which to notify Seller of its intent to exercise this right. If the offer of which Seller notifies Company as aforesaid is an offer to sell the Facility, Company shall have the right to purchase the Facility for the amount of such offer on similar terms and conditions. If the offer of which Seller notifies Company as aforesaid is an offer to sell an ownership interest that could result in a Change in Control, Company shall have the right to purchase the Facility by a price that is proportionate to the amount at which such ownership interest was offered on the terms and conditions to be negotiated by the Parties on the basis of Section 4 (Purchase and Sale Agreement) of this Attachment P (Sale of Facility by Seller), and otherwise consistent with this Attachment P (Sale of Facility by Seller). (By way of example, if a 75% ownership Interest is being offered for sale at \$75, the proportionate amount at which Company shall have the right to purchase the Facility would be \$100.)

2. Company's Right of First Negotiation to Purchase at End of Term.
 - (a) Option of Exclusive Negotiation Period. Company shall have the option of an exclusive negotiation period to negotiate a purchase of the Facility on the last Day of the Term, and all rights of Seller therein or relating thereto. Company shall indicate its preliminary interest in exercising the option for exclusive negotiation by delivering to Seller a notice of its preliminary interest not less than two (2) years prior to the last Day of the Term. If Company fails to deliver such notice by such date, Company's option shall terminate.
 - (b) Negotiations. Once Company has given such notice of preliminary interest to Seller, for a period not to exceed three (3) months, Company shall have the exclusive right to negotiate in good faith with Seller,

the terms of a purchase and sale agreement pursuant to which Company may purchase the Facility, which purchase and sale agreement shall include, without limitation, the terms set forth in Section 4 (Purchase and Sale Agreement) of this Attachment P (Sale of Facility by Seller) and a price equal to the Offer Price as presented by Seller in accordance with the procedures identified in Section 1(a)(i) through (v) of this Attachment P (Sale of Facility by Seller). The Parties may agree in writing to extend this period for negotiations. (Such period, as extended as aforesaid, is referred to herein as the "Exclusive Negotiation Period.") Seller shall not solicit any offers or negotiate the terms for the sale of the Facility with any other entity during the Exclusive Negotiation Period, unless, during the Exclusive Negotiation Period, Company gives written notice that such negotiations are terminated.

- (c) Purchase and Sale Agreement and PUC Approval. In the event that Company exercises its right of exclusive negotiation under Section 2(a) (Option of Exclusive Negotiation Period) of this Attachment P (Sale of Facility by Seller) and the Parties conclude a purchase and sale agreement pursuant to Section 2(b) (Negotiations) of this Attachment P (Sale of Facility by Seller), such agreement shall contain, at a minimum, the terms set forth in Section 4 (Purchase and Sale Agreement) of this Attachment P (Sale of Facility by Seller), and such agreement shall be subject to PUC Approval as provided in Section 5 (PUC Approval) of this Attachment P (Sale of Facility by Seller).
- (d) Right of First Refusal. In the event the Parties fail to agree upon a sale of the Facility to Company prior to the expiration of the Exclusive Negotiation Period provided in Section 2(b) (Negotiations) of this Attachment P (Sale of Facility by Seller), and Seller thereafter offers to sell the Facility to a third party for less than the final amount Company had offered to purchase the Facility, Seller shall notify Company in writing of such offer and Company shall have the right to purchase the Facility for the amount of such offer and on no less favorable terms and conditions consistent

with this Attachment P (Sale of Facility by Seller) and subject to PUC Approval; provided, however, that Company shall have one (1) month in which to notify Seller of its intent to exercise this right. The Right of First Refusal shall not apply to any offer to purchase the Facility received from a third party more than twelve (12) months after the end of the Term.

3. Procedure to Determine Fair Market Value of the Facility.

- (a) If the Parties have agreed to effectuate a sale of the Facility pursuant to Section 24.5 (Consolidation) and are unable to agree on the fair market value of the Facility, each of Company and Seller shall engage the services of an independent appraiser experienced in appraising BESS assets similar to the Facility to determine separately the fair market value of the Facility. Subject to the appraisers' execution and delivery to Seller of a suitable confidentiality agreement in form reasonably acceptable to Seller, Seller shall provide both appraisers full access to the books, records and other information related to the Facility required to conduct such appraisal. Company shall pay all reasonable fees and costs of both appraisers, subject to Section 3(c) of this Attachment P (Sale of Facility by Seller). Each of Company and Seller shall use reasonable efforts to cause its appraisal to be completed within two (2) months following the engagement of the independent appraisers. If for any reason (other than failure by Seller to provide full access to Company's appraiser) one of the appraisals is not completed within such two (2) month period, the results of the other, completed appraisal shall be deemed to be the Appraised Fair Market Value of the Facility. Each Party may provide to both appraisers (with copies to each other) a list of factors which the Parties suggest be taken into consideration when the appraisers generate their appraisals.
- (b) Company and Seller shall exchange the results of their respective appraisals when completed and, in connection therewith, the Parties and their appraisers shall confer in an attempt to agree upon the fair market value of the Facility.

- (c) If, within thirty (30) Days after completion of both appraisals, the Parties cannot agree on a fair market value for the Facility, within ten (10) Days thereafter, the first two appraisers shall by mutual consent choose a third independent appraiser. If the first two appraisers fail to agree upon a third appraiser, such appointment shall be made by DPR upon application of either Party. The Parties shall direct the third appraiser (i) to select one of the appraisals generated by the first two appraisers as the Appraised Fair Market Value of the Facility (without compromise, aka "baseball" arbitration), and (ii) to complete his or her work within one month following his or her retention. If the third appraiser selects the appraisal originally generated by Seller's appraiser, Company shall pay the fees and costs of the third appraiser. If the third appraiser selects the appraisal originally generated by Company's appraiser, Seller shall pay the fees and costs of the third appraiser and shall pay or reimburse Company for the costs of Seller's original appraiser.
- (d) The "Appraised Fair Market Value of the Facility" means the fair market value determined by appraisal pursuant to Section 3(a) or Section 3(c) of this Attachment P (Sale of Facility by Seller) as applicable. In no event shall the Appraised Fair Market Value of the Facility or the fair market value of the Facility (in the event appraisers are not required) be determined to be less than the amount of debt remaining on the Facility, provided that such debt shall be incurred for the direct costs associated with the design, engineering, construction, maintenance and repair of the Facility ("Facility Debt"). In the event such value is less than the amount of debt, the Company agrees and understands that the liens on the Facility associated with such Facility Debt will remain until the Company has paid such debt in full.
4. Purchase and Sale Agreement. The purchase and sale agreement ("PSA") concluded by the Parties pursuant to this Attachment P (Sale of Facility by Seller) (as applicable) shall contain, among other provisions, the following:
- (a) Seller shall, as of the closing of the sale, convey title to the Facility consistent with the state of title

in existence as of the date of execution of the PSA, including all rights of Seller in the Facility or relating thereto, free and clear of all liens, claims, encumbrances, or rights of others, except any Permitted Lien;

- (b) To the extent assignable or transferrable, Seller shall assign or transfer to Company all of Seller's interest in all Project Documents and Governmental Approvals that are then in effect and that are utilized for the operation or maintenance of the Facility;
- (c) Seller shall execute and deliver to Company such deeds, bills of sale, assignments and other documentation as Company may reasonably request to convey title to the Facility consistent with the state of title in existence as of the date of execution of the PSA, free from all liens, claims, encumbrances, or rights of others, except any Permitted Lien;
- (d) Seller shall cause all liens on the Facility for monies owed (including liens arising from Financing Documents), and any liens in favor of Seller's affiliates, to be released prior to closing on the sale of the Facility to Company;
- (e) Seller shall warrant, as of the date of the closing of the sale of the Facility to Company, title to the Facility consistent with the state of title in existence as of the date of execution of the PSA, is free and clear of all other liens, claims, encumbrances and rights of others, except any Permitted Lien;
- (f) Company shall have no liability for damages (including without limitation, any development and/or investment losses, liabilities or damages, and other liabilities to third parties) incurred by Seller on account of Company's purchase of the Facility, nor any other obligation to Seller except for the purchase price, and Seller shall indemnify Company against any such losses, liabilities or damages;
- (g) Company shall assume all of Seller's obligations with respect to the Facility accruing from and after the date of closing on the sale of the Facility to Company, including (i) to the extent assignable, all Permits held by, for, or related to the Facility, and (ii) all of Seller's agreements with respect to the Facility

provided to and approved by Company at least thirty (30) Days prior to the date of closing on the sale of the Facility to Company, except for such agreements Company has elected to terminate, in which case any related termination expenses shall be, at Company's option, paid directly by Company and deducted from the purchase price;

- (h) Seller shall indemnify Company against all of Seller's obligations with respect to the Facility accruing through the date of closing the sale of the Facility to Company, and Company shall indemnify Seller against all of Company's obligations with respect to the Facility accruing from and after the date of closing on the sale of the Facility to Company;
- (i) Unless otherwise agreed to by the Parties, Seller makes no representations or warranties with respect to the condition of the Facility, and Company shall purchase the Facility on an as-is basis;
- (j) Seller shall warrant that, except as disclosed to and approved by Company in writing at least thirty (30) Days prior to the date of closing on the sale of the Facility to Company, the Facility has been operated by Seller in conformity with all Laws;
- (k) Seller shall warrant that Seller provided full access to Company and each appraiser in connection with the procedure to determine fair market value provided in Section 3 (Procedure to Determine Fair Market Value of the Facility) of this Attachment P (Sale of Facility by Seller);
- (l) If applicable, Seller's lease of the Site from Company will terminate and Seller will relinquish all rights, privileges and obligations relating to such lease; and
- (m) Seller shall maintain the Facility in accordance with Good Engineering and Operating Practices between appraisal and the closing date.

As used in this Attachment P (Sale of Facility by Seller), "Permitted Lien" shall mean (i) any lien for taxes not yet due or delinquent or being contested in good faith by appropriate proceedings, (ii) any lien arising in the ordinary course of business by operation of applicable Laws with respect to a liability not yet due or delinquent or that

is being contested in good faith, (iii) all matters that are disclosed (whether or not subsequently deleted or endorsed over) on any survey, in the title policies insuring any Land Rights or in any title commitments, title reports or other title materials, (iv) any matters that would be disclosed by a complete and correct survey of the Property, (v) zoning, planning, and other similar limitations and restrictions, and all rights of any Governmental Authority to regulate the Site and/or the Facility, (vi) all matters of record, (vii) any lien that is released on or prior to closing of the sale of the Facility to Company, (viii) statutory or common law liens in favor of carriers, warehousemen, mechanics and materialmen, and statutory or common law liens to secure claims for labor, materials or supplies arising in the ordinary course of business which are not delinquent, and (ix) the matters agreed by the Parties, to the extent that such Permitted Liens are taken into account at arriving at the appraised value.

5. PUC Approval. Any purchase and sale agreement related to the Facility entered into by the Parties is subject to approval by the PUC and the Parties' respective obligations thereunder are conditioned upon receipt of such approval, except as specifically provided otherwise therein.
 - (a) Company shall submit the purchase and sale agreement to the PUC for approval within thirty (30) Days after execution by both Parties, but Company does not extend any assurances that PUC approval will be obtained. Seller will provide reasonable cooperation to expedite obtaining an approval order from the PUC, including providing information requested by the PUC and parties to the PUC proceeding in which approval is being sought. Seller understands that lack of cooperation may result in Company's inability to file an application with the PUC and/or failure to receive PUC approval. Unless otherwise agreed to in writing by the Parties, neither Company nor Seller shall seek reconsideration, appeal, or other administrative or judicial review of any unfavorable PUC order. The Parties agree that neither Party has control over whether or not a PUC approval order will be issued and each Party hereby assumes any and all risk arising from, or relating in any way to, the inability to obtain a satisfactory PUC order and hereby releases the other Party from any and all claims relating thereto.

- (b) Seller shall seek participation without intervention in the PUC docket for approval of the purchase and sale agreement pursuant to applicable rules and orders of the PUC. The scope of Seller's participation shall be determined by the PUC. However, Seller expressly agrees to seek participation for the limited purpose and only to the extent necessary to assist the PUC in making an informed decision regarding the approval of the purchase and sale agreement. If the Seller chooses not to seek participation in the docket, then Seller expressly agrees and knowingly waives the right to claim, before the PUC, in any court, arbitration or other proceeding, that the information submitted and the application requesting the PUC approval are insufficient to meet Company's burden of justifying that the terms of the purchase and sale agreement are just and reasonable and in the public interest, or otherwise deficient in any manner for purposes of supporting the PUC's approval of the purchase and sale agreement. Seller shall not seek in the docket and Company shall not disclose any confidential information to Seller that would provide Seller with an unfair business advantage or would otherwise harm the position of others with respect to their ability to compete on equal and fair terms.
- (c) In order to constitute an approval order from the PUC under this Section 5 (PUC Approval) of this Attachment P (Sale of Facility by Seller), the order must approve the purchase and sale agreement, Company's funding arrangements and Company's acquisition of the Facility, shall not contain any terms and conditions deemed to be unacceptable by Company, and be in a form deemed reasonable by Company in its sole, but non-arbitrary, discretion.
- (d) The Final Non-Appealable Order from the PUC must be obtained within six (6) months of the submission of the purchase and sale agreement to the PUC, or any extension of such period as agreed by the Parties in writing within ten (10) Days of the expiration of the six (6) month period; provided, however, that if the purchase and sale agreement governs a sale of the Facility executed pursuant to Section 24.5 (Consolidation) of this Agreement, the Final Non-Appealable Order must be obtained within twelve (12) months of the submission of the purchase and agreement to the PUC, or any extension of such period as agreed by the Parties in writing

within ten (10) Days of the expiration of the twelve (12) month period. The term "Final Non-appealable Order from the PUC" means an Approval Order from the PUC (i) that is not subject to appeal to any Circuit Court of the State of Hawai'i, Intermediate Court of Appeals of the State of Hawai'i, or the Supreme Court of the State of Hawai'i, because the period permitted for such an appeal has passed without the filing of notice of such an appeal, or (ii) that was affirmed on appeal to any Circuit Court of the State of Hawai'i, Intermediate Court of Appeals of the State of Hawai'i, or the Supreme Court of the State of Hawai'i, or was affirmed upon further appeal or appellate process, and that is not subject to further appeal, because the jurisdictional time permitted for such an appeal and/or further appellate process such as a motion for reconsideration or an application for writ of certiorari has passed without the filing of notice of such an appeal or the filing for further appellate process. Such Final Non-Appealable Order from the PUC shall constitute and be referred to as "PUC Approval" for purposes of this Attachment P (Sale of Facility by Seller).

- (e) If a Final Non-Appealable Order from the PUC has not been obtained prior to the deadline provided in Section 5(b) of this Attachment P (Sale of Facility by Seller), either Party may give written notice to the other Party that it does not wish to proceed further with a sale of the Facility to Company.
 - (f) If the Final Non-appealable Order from the PUC does not satisfy the conditions set forth in Section 5(a) of this Attachment P (Sale of Facility by Seller), either (i) the Parties may agree to renegotiate and submit a revised purchase and sale agreement to the PUC, or (ii) either Party may give written notice to the other Party that it does not wish to proceed further with a sale of the Facility to Company.
6. Make Whole Amount. For purposes of Section 24.5 (Consolidation), the "Make Whole Amount" shall be equal to the sum of the following: (a) Seller's book value (including depreciation on a fifteen (15) year straight line basis) of all actual verifiable costs of studies, designs, engineering, and construction of the Facility and all Interconnection Facilities (including any Company-Owned Interconnection Facilities paid for by Seller), including cancellation

charges and other costs of unwinding construction and demobilization if the determination is made prior to the Commercial Operation Date, (b) Seller's book value of all actual verifiable costs and expenses acquiring real estate rights for the Facility and Interconnection Facilities, (c) Seller's book value of all actual verifiable costs and expenses incurred in obtaining Governmental Approvals, (d) Seller's book value of all actual verifiable costs of financing the Facility and the Interconnection Facilities, including fees and expenses of bankers, consultants and counsel, and any discounts or premiums paid in connection with any financing, (e) any actual verifiable costs of repaying any financing in connection with a sale, including prepayment penalties or premiums, make whole payments, minimum interest payments, breakage fees, payments on account of taxes, duties and other costs, and other costs of unwinding swaps or other hedges, (f) other breakage, make whole or indemnity payments arising as the result of Company's purchase of the Facility, (g) tax costs, including recapture of federal or state tax credits and payment of transfer taxes, and (h) interest on the foregoing amounts at annual rate equal to the Prime Rate plus two percent (2%) as in effect from time to time from the date incurred through the date of payment, with all such costs being demonstrated by Seller with support and verified by Company. The items described in clauses (e), (f) and (g) (and clause (h) to the extent applicable to clauses (e), (f) and/or (g)) are referred to as the "Financial Termination Costs".

ATTACHMENT Q
[RESERVED]

ATTACHMENT R
REQUIRED INSURANCE

(See also Article 18 (Insurance))

1. Worker's Compensation and Employers' Liability. This coverage shall include Worker's Compensation, Temporary Disability and other similar insurance required by applicable State or U.S. federal laws. If exposure exists, coverage required by the Longshore and Harbor Worker's Compensation Act (33 U.S.C. §688) shall be included. Employers' Liability coverage limits shall be no less than:

Bodily Injury by Accident - \$1,000,000 each Accident
Bodily Injury by Disease - \$1,000,000 each Employee
Bodily Injury by Disease - \$1,000,000 policy limit

2. General Liability Insurance.

- (i) This coverage shall include Commercial General Liability Insurance or the reasonable equivalent thereof, covering all operations by or on behalf of Seller. Such coverage shall provide insurance for bodily injury and property damage liability for the minimum limits of liability indicated below and shall include coverage for:

- (a) Premises, operations, and mobile equipment,
- (b) Products and completed operations,
- (c) Claims resulting from alleged sudden and accidental damage to the environment and damage or injury caused by hazardous conditions or hazardous materials to the extent such coverage is appropriate and available at a commercially reasonable cost,
- (d) Blanket contractual liability,
- (e) Broad form property damage (including completed operations),
- (f) No exclusion for (XCU) explosion, collapse and underground hazard,
- (g) Personal injury liability, and
- (h) Failure to supply liability, which may be provided as a sublimit of \$1,000,000 per occurrence under

the general liability policy, on ISO endorsement CG 22 50 or equivalent, so long as such coverage is available on a commercially reasonable basis.

(ii) Limits of liability for Bodily Injury & Property Damage shall be:

\$10,000,000 combined single limit per occurrence and;
\$20,000,000 aggregate annually

(iii) Coverage limits may be satisfied using Umbrella and/or Excess Liability insurance policies.

3. Automobile Liability Insurance. This insurance shall include coverage for owned (if any), leased and non-owned automobiles. The minimum limits of liability shall be a combined single limit for bodily injury and property damage of One Million Dollars (\$1,000,000) for each occurrence and in the aggregate annually. If exposure exists, the policy shall be endorsed to include Transportation Pollution Liability insurance, covering hazardous materials to be transported by Seller, as appropriate.

4. Builders All Risk Insurance. This insurance shall include but not be limited to coverage for wind including named windstorm, earthquake, flood, perils, property in transit (excluding ocean transit), off-site storage - property in temporary storage or assembly away from the project site, testing, covering all materials, equipment, machinery and supplies of any nature whatsoever, the property of the Seller or of others for which the Seller may have assumed responsibility, used or to be used in or incidental to the site preparation, demolition of existing structures, erection and/or fabrication and/or reconstruction and/or repair of the project insured, including temporary works (all scaffolding, formworks, fences, shoring, hoarding, false work and temporary buildings and all incidental to the project) from the start of construction through the earlier of the Commercial Operations Date or the effective date of the policy coverage set forth in Section 5 (All Risk Property/Comprehensive Mechanical and Electrical Breakdown Insurance (Upon Completion of Construction)) of this Attachment R (Required Insurance). The amount of coverage shall be purchased on a full replacement cost basis, except for earthquake, named windstorm and flood perils which shall be provided as sublimits and aggregate limits supported by a Probable Maximum Loss (PML) study and/or Catastrophe (CAT)

Modeling report, if such insurance amounts are appropriate and available on commercially reasonable terms. The coverage shall be written on an "All Risks" completed value form and may allow for reasonable other sublimits for transit and for incidental offsite storage. Coverage shall be extended to include testing. Such policies shall be endorsed to require that the coverage afforded shall not be canceled (except for nonpayment of premiums) or reduced without at least thirty (30) Days' prior written notice to Seller and Company; provided, however, that such endorsement shall provide (i) that the insurer may not cancel the coverage for non-payment of premium without giving Seller and Company ten (10) Days' notice that Seller has failed to make timely payment thereof, and (ii) that, subject to the consent of the Facility Lender, Seller or Company shall thereupon have the right to pay such premium directly to the insurer.

5. All Risk Property/Comprehensive Mechanical and Electrical Breakdown Insurance (Upon Completion of Construction). This insurance shall provide All Risk Property Coverage (including the perils of wind including named windstorm, earthquake, and flood) and Comprehensive Mechanical and Electrical Breakdown Coverage against damage to the Facility. The amount of coverage shall be purchased on a full replacement cost basis (no coinsurance shall apply) except for earthquake, named windstorm and flood perils which shall be provided as sublimits and aggregate limits supported by a Probable Maximum Loss (PML) study and/or Catastrophe (CAT) Modeling reports, if such insurance amounts are appropriate and available on commercially reasonable terms. Such coverage may allow for other reasonable sublimits. Such policies shall be endorsed to require that the coverage afforded shall not be canceled (except for nonpayment of premiums) or reduced without at least thirty (30) Days' prior written notice to Seller and Company; provided, however, that such endorsement shall provide (i) that the insurer may not cancel the coverage for non-payment of premium without giving Seller and Company ten (10) Days' notice that Seller has failed to make timely payment thereof, and (ii) that, subject to the consent of the Facility Lender, Seller or Company shall thereupon have the right to pay such premium directly to the insurer.
6. Business Interruption Insurance (Upon Completion of Construction). This insurance shall provide coverage for all of Seller's costs to the extent that they would not be eliminated or reduced by the failure of the Facility to

operate for a period of at least twelve (12) months following a covered physical damage loss deductible period or reasonable dollar deductible or waiting period.

7. Project Liability Errors and Omissions. Seller shall obtain adequate protection against project liability errors and omissions on account of negligent actions or inactions of architects, engineers, contractors and subcontractors involved in the design and/or construction of the Facility.
8. Ocean Transit. Seller shall take reasonable action to ensure that the risk of loss or damage to any material items of equipment which are subject to ocean transit is adequately protected against by the terms of delivery from contractors or suppliers of such equipment or Seller's own insurance coverage.
9. Pollution Liability Insurance. This insurance shall provide coverage for losses involving hazardous material(s) and caused by pollution incidents or conditions that arise from the Facility, including but not limited to, coverage for bodily injury, sickness, disease, mental anguish or shock sustained by any person, including death, property damage including the resulting loss of use thereof, clean-up costs, and the loss of use of tangible property that has not been physically damaged or destroyed, and defense costs. The coverage must be maintained for a period of not less than three (3) years after this Agreement terminates, or the policy must provide for a supplemental extended reporting period of not less than three (3) years after this Agreement terminates. Such policy shall have minimum limits of \$5,000,000 each occurrence; and \$5,000,000 annual aggregate.

ATTACHMENT S
FORM OF MONTHLY PROGRESS REPORT

1. Instructions

Any capitalized terms used in this report which are not defined herein shall have the meaning ascribed to them in the Energy Storage Purchase Agreement by and between [_____] ("Seller"), and [Hawaiian Electric Company, Inc.] [Maui Electric Company, Limited] [Hawai'i Electric Light Company, Inc.], a Hawai'i corporation, dated _____, (the "Agreement").

In addition to the remedial action plan requirement set forth in Article 13 (Guaranteed Project Milestones Including Commercial Operations) of the Agreement, Seller shall review the status of each Construction Milestone of the construction schedule (the "Schedule") for the Facility and identify such matters referenced in clauses (i)-(v) below as known to Seller and which in Seller's reasonable judgment are expected to adversely affect the Schedule, and with respect to any such matters, shall state the actions which Seller intends to take to ensure that the Construction Milestones will be attained by their required dates. Such matters may include, but shall not be limited to:

(i) Any material matter or issue arising in connection with a Governmental Approval, or compliance therewith, with respect to which there is an actual or threatened dispute over the interpretation of a law, actual or threatened opposition to the granting of a necessary Governmental Approvals, any organized public opposition, any action or expenditure required for compliance or obtaining approval that Seller is unwilling to take or make, or in each case which could reasonably be expected to materially threaten or prevent financing of the Facility, attaining any Construction Milestone, or obtaining any contemplated agreements with other parties which are necessary for attaining any Construction Milestone or which otherwise reasonably could be expected to materially threaten Seller's ability to attain any Construction Milestone.

(ii) Any development or event in the financial markets or the independent power industry, any change in taxation or accounting standards or practices or in Seller's business or prospects which reasonably could be expected to materially threaten financing of the Facility, attainment of any Construction Milestone or materially threaten any contemplated agreements with other parties which are necessary for attaining

any Construction Milestone or could otherwise reasonably be expected to materially threaten Seller's ability to attain any Construction Milestone;

(iii) A change in, or discovery by Seller of, any legal or regulatory requirement which would reasonably be expected to materially threaten Seller's ability to attain any Construction Milestone;

(iv) Any material change in the Seller's schedule for initiating or completing any material aspect of the Facility;

(v) The status of any matter or issue identified as outstanding in any prior Monthly Progress Report and any material change in the Seller's proposed actions to remedy or overcome such matter or issue.

For the purpose of this report, "EPC Contractor" means the contractor responsible for engineering, procurement and construction of the Facility, including Seller if acting as contractor, and including all subcontractors.

2. Executive Summary

2.1 Major activities completed

Please provide a cumulative summary of the major activities completed for each of the following aspects of the Facility (provide details in subsequent sections of this report):

- 2.1.1 **[Insert Construction Milestones from Attachment K and Attachment L, if needed]**
- 2.1.2 Financing
- 2.1.3 Governmental Approvals for Development
- 2.1.4 Site Control
- 2.1.5 Land Rights for Company-Owned Interconnection Facilities
- 2.1.6 Design and Engineering
- 2.1.7 Major Equipment Procurement
- 2.1.8 Construction

- 2.1.9 Interconnection
- 2.1.10 Startup Testing and Commissioning

2.2. Major activities recently performed

Please provide a summary of the major activities performed for each of the following aspects of the Facility since the previous report (provide details in subsequent sections of this report):

- 2.2.1 [Insert Construction Milestones from Attachment K and Attachment L, if needed]**
- 2.2.2 Financing
- 2.2.3 Development Permits
- 2.2.4 Site Control
- 2.2.5 Land Rights for Company-Owned Interconnection Facilities
- 2.2.6 Design and Engineering
- 2.2.7 Major Equipment Procurement
- 2.2.8 Construction
- 2.2.9 Interconnection
- 2.2.10 Startup Testing and Commissioning

2.3 Major activities planned but not completed

Please provide a summary of the major activities that were planned to be performed since the previous report but not completed as scheduled, including the reasons for not completing the activities, for each of the following aspects of the Facility:

- 2.3.1 [Insert Construction Milestones from Attachment K and Attachment L, if needed]**
- 2.3.2 Financing
- 2.3.3 Governmental Approvals for Development

- 2.3.4 Site Control
- 2.3.5 Land Rights for Company-Owned Interconnection Facilities
- 2.3.6 Design and Engineering
- 2.3.7 Major Equipment procurement
- 2.3.8 Construction
- 2.3.9 Interconnection
- 2.3.10 Startup Testing and Commissioning

2.4 Major activities expected during the current month

Please provide a summary of the major activities to be performed during the current month for each of the following aspects of the Facility (provide details in subsequent sections of this report):

- 2.4.1 Construction Milestones
- 2.4.2 Financing
- 2.4.3 Governmental Approvals
- 2.4.4 Site Control
- 2.4.5 Land Rights for Company-Owned Interconnection Facilities
- 2.4.6 Design and Engineering
- 2.4.7 Major Equipment procurement
- 2.4.8 Construction
- 2.4.9 Interconnection
- 2.4.10 Startup Testing and Commissioning

3. Milestones

3.1 Milestone schedule

Please list all Construction Milestones specified in Attachment K and Attachment L and state the current status of each.

Construction Milestone	Milestone Date Specified in the Agreement	Status (e.g., on schedule, delayed due to [<i>specify reason</i>]; current expected completion date)
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3.2 Remedial Action Plan (if applicable)

Provide a detailed description of Seller's course of action and plan to achieve the missed Construction Milestones and all subsequent Construction Milestones by the Guaranteed Commercial Operations Date using the outline provided below.

- 3.2.1 Identify Missed Construction Milestone
- 3.2.2 Explain plans to achieve missed Construction Milestone
- 3.2.3 Explain plans to achieve subsequent Construction Milestones
- 3.2.4 Identify and discuss (a) delays in engineering schedule, equipment procurement, and construction and interconnection schedule and (b) plans to remedy delays as a result of the missed Construction Milestones

4. Financing

Please provide the schedule Seller intends to follow to obtain financing for the Facility. Include information about each stage of financing.

Activity (e.g., obtain \$xx for yy stage from zz)	Completion Date
	__/__/____ (expected / actual)
	__/__/____ (expected / actual)

5. Project Schedule

Please provide a copy of the current version of the overall Facility schedule in MS Project in a format acceptable to Company. Include all major activities and milestones for Governmental Approvals for development, design and engineering, procurement, construction, interconnection and testing.

6. Governmental Approvals

6.1 Environmental Impact Review

Please provide information about the primary environmental impact review for the Facility. Indicate whether dates are expected or actual.

Agency

Date of application/submission

__/__/____
 (expected /
 actual)

**Date application/submission deemed
 complete by agency**

__/__/____
 (expected /
 actual)

Date of initial study (if applicable)

__/__/____
 (expected /
 actual)

Process (e.g., Notice of Exemption,
 Negative Declaration, Mitigated
 Negative Declaration, Environmental
 Impact Report)

Date of Notice of Preparation

__/__/____
 (expected /
 actual)

Date of Draft ND/MND/EIR

__/__/____
 (expected /
 actual)

**Date Notice of Determination filed at
 OPR or County Clerk**

__/__/____
 (expected /
 actual)

Governmental Approvals

Please describe each of the Governmental Approvals to be obtained by Seller and the status of each:

Agency / Approval	Status Summary
	e.g., dates of application / hearing / notice / etc. (note whether dates are anticipated or actual); major activities (indicate whether planned, in progress and/or completed); primary reasons for possible delay, etc.

6.3 Governmental Approval activities recently performed

Please list all Governmental Approval activities that occurred since the previous report.

6.4 Governmental Approval activities expected during the current month

Please list all Governmental Approval activities that are expected to occur during the current month.

6.5 Governmental Approval Notices received from EPC Contractor

Please attach to this Monthly Progress Report copies of any notices related to Governmental Approval activities received since the previous report, whether from EPC Contractor or directly from Governmental Authorities.

7. Site Control

7.1 Table of Site Control schedule

If not obtained prior to execution of the Agreement, please provide the schedule Seller intends to follow to obtain control of the Site (e.g., purchase, lease).

Activity	Completion Date
	__/__/____ (expected / actual)
	__/__/____ (expected / actual)

7.2 Site Control activities recently performed

Please explain in detail the property acquisition activities that were performed since the previous report.

7.3 Site Control activities expected during the current month

Please explain in detail the site control activities that are expected to be performed during the current month.

8. Land Rights for the Company-Owned Interconnection Facilities

8.1 Table of Land Rights schedule for Company-Owned Interconnection Facilities

If not obtained prior to execution of the Agreement, please provide the schedule Seller intends to follow to obtain control of the Land for the Company-Owned Interconnection Facilities (e.g., purchase, lease).

Activity	Completion Date
	__/__/____ (expected / actual)
	__/__/____ (expected / actual)

8.2 Land Control activities recently performed

Please explain in detail the property acquisition activities that were performed since the previous report.

8.3 Land Control activities expected during the current month

Please explain in detail the Land control activities that are expected to be performed during the current month.

9. Design and Engineering

9.1 Design and engineering schedule

Please provide the name of the EPC Contractor, the date of execution of the EPC Contract, and the date of issuance of a full notice to proceed (or equivalent).

Please list all major design and engineering activities, both planned and completed, to be performed by Seller and the EPC Contractor.

Name of EPC Contractor / Subcontractor	Activity	Completion Date
		___/___/_____ (expected / actual)
		___/___/_____ (expected / actual)

9.2 Design and engineering activities recently performed

Please explain in detail the design and engineering activities that were performed since the previous report.

9.3 Design and engineering activities expected during the current month

Please explain in detail the design and engineering activities that are expected to be performed during the current month.

10. Major Equipment Procurement

10.1 Major equipment to be procured

Please list all major equipment to be procured by Seller or the EPC Contractor:

Equipment Description	Manufacturer	Delivery Date (indicate whether expected or actual)	Installation Date (indicate whether expected or actual)
		__/__/____ (expected / actual)	__/__/____ (expected / actual)
		__/__/____ (expected / actual)	__/__/____ (expected / actual)

Equipment Description	No. Ordered	No. Made	No. On-Site	No. Installed	No. Tested

10.2 Major Equipment procurement activities recently performed

Please explain in detail the major equipment procurement activities that were performed since the previous report.

10.3 Major Equipment procurement activities expected during the current month

Please explain in detail the major equipment procurement activities that are expected to be performed during the current month.

11. Construction

11.1 Construction activities

Please list all major construction activities, both planned and completed, to be performed by Seller or the EPC Contractor.

Activity	EPC Contractor / Subcontractor	Completion Date
		__/__/____ (expected / actual)

Activity	EPC Contractor / Subcontractor	Completion Date
		___/___/___ (expected / actual)

11.2 Construction activities recently performed

Please explain in detail the construction activities that were performed since the previous report.

11.3 Construction activities expected during the current month

Please explain in detail the construction activities are expected to be performed during the current month.

11.4 EPC Contractor Monthly Construction Progress Report

Please attach a copy of the Monthly Progress Reports received since the previous report from the EPC Contractor pursuant to the construction contract between Seller and EPC Contractor, certified by the EPC Contractor as being true and correct as of the date issued.

12. Interconnection

12.1 Interconnection activities

Please list all major interconnection activities, both planned and completed, to be performed by Seller or the EPC Contractor.

Activity	Name of EPC Contractor / Subcontractor	Completion Date
		___/___/___ (expected / actual)
		___/___/___ (expected / actual)

12.2 Interconnection activities recently performed

Please explain in detail the interconnection activities that were performed since the previous report.

12.3 Interconnection activities expected during the current month

Please explain in detail the interconnection activities that are expected to be performed during the current month.

13. Startup Testing and Commissioning

13.1 Startup testing and commissioning activities

Please list all major startup testing and commissioning activities, both planned and completed, to be performed by Seller or the EPC Contractor.

Activity	Name of EPC Contractor / Subcontractor	Completion Date
		___/___/___ (expected / actual)
		___/___/___ (expected / actual)

13.2 Startup testing and commissioning activities recently performed

Please explain in detail the startup testing and commissioning activities that were performed since the previous report.

13.3 Startup testing and commissioning activities expected during the current month

Please explain in detail the startup testing and commissioning activities that are expected to be performed during the current month.

14. Safety and Health Reports

14.1 Accidents

Please describe all Facility-related accidents reported since the previous report.

14.2 Work stoppages

Please describe all Facility-related work stoppages from that occurred since the previous report.

Please describe the effect of work stoppages on the Facility schedule.

15. Community Outreach

Please describe all community outreach efforts undertaken since the last report.

16. Certification

I, _____, on behalf of and as an authorized representative of [_____], do hereby certify that any and all information contained in this Seller's Monthly Progress Report is true and accurate, and reflects, to the best of my knowledge, the current status of the construction of the Facility as of the date specified below.

By: _____

Name: _____

Title: _____

Date: _____

ATTACHMENT T
QUARTERLY REPORTING AND DISPUTE
RESOLUTION BY INDEPENDENT AF EVALUATOR

1. Quarterly Report. Commencing with the month during which the Commercial Operations Date is achieved, and for each BESS Measurement Period thereafter during the Term, Seller shall provide to Company a Quarterly Report in Excel, Lotus or such other format as Company may require, which Quarterly Report shall include (i) the data for the BESS Measurement Period in question populated into the form of "BESS Measurement Period Report" below, and (ii) Seller's calculations of the Performance Metrics and any liquidated damages assessments for such BESS Measurement Period as set forth below. Seller shall deliver such Quarterly Report to Company by the tenth (10th) Business Day following the close of the BESS Measurement Period in question. Seller shall deliver the Quarterly Report electronically to the address provided by the Company. Company shall have the right to verify all data set forth in the Quarterly Report by inspecting measurement instruments and reviewing Facility operating records. Upon Company's request, Seller shall promptly provide to Company any additional data and supporting documentation necessary for Company to audit and verify any matters in the Quarterly Report.

BESS Measurement Period Report

NAME OF IPP FACILITY: [Facility Name]

BESS MEASUREMENT PERIOD: [Month Day, Year] to [Month Day, Year]

Enter the applicable information to demonstrate satisfaction of the BESS Capacity Performance Metric during the reporting period. This can either be from the most recent BESS Capacity Test performed during the period or taken from operating data reflecting the net output of the BESS.

Date/Time Start	Date/Time End	Total MWh delivered to the POI (A)	BESS Contract Capacity (MWh) (B)	BESS Capacity Ratio 100% x (A/B)

Enter the applicable information to demonstrate satisfaction of the BESS Round Trip Efficiency Performance Metric during the reporting period. This can either be from the most recent BESS RTE Test performed during the period or taken from operational data reflecting the charging/discharging of the BESS.

Date/Time Start	Date/Time End	Total MWh delivered to the POI (A)	Charging Energy (MWh) (B)	BESS RTE Ratio 100% x (A ÷ B)

Enter the information for each Force Majeure event affecting the BESS during the reporting period. Dates and times should be entered to the nearest minute. Duration, size of reduction, BESS Contract Capacity (MW), and equivalent hours should be rounded to 1 decimal place. When using MWs for item (D) below, BESS Contract Capacity (MW) is to be provided for (E); and when using number of inverters for item (D), total number of inverters is to be provided for (E).

Date/Time Start (A)	Date/Time End (B)	Duration (hrs) (C) = (B-A)	Size of Reduction (MW) or Number of BESS Inverters Affected (D)	BESS Contract Capacity (MW) or Total Number of BESS Inverters (E)	Equivalent Hours (hrs) (C x D)/E
...					

Calendar hours in the reporting period: _____

Total equivalent hours for the reporting period (from above): _____

Omit any periods where Force Majeure was the sole cause of the Outage or Deration in the reporting areas below as those periods will be counted in their entirety as RSH per Attachment X (BESS Annual Equivalent Availability Factor) of this Agreement.

Enter the information for each BESS Outage during the reporting period. Dates and times should be entered to the nearest minute. Duration should be rounded to 1 decimal place.

Date/Time Start (A)	Date/Time End (B)	Duration (hrs) (B-A)
...		

Calendar hours in the reporting period: _____

Total Outage hours for the reporting period (from above): _____

Available Hours (AH) in the reporting period: _____

AH from the last three (3) reporting periods: _____

AH for the last four (4) reporting periods: _____

Enter the information for each BESS Seller Attributable Derating event during the reporting period. Dates and times should be entered to the nearest minute. Duration, size of reduction, BESS Contract Capacity (MW), and equivalent hours should be rounded to 1 decimal place. When using MWs for item (D) below, BESS Contract Capacity (MW) is to be provided for (E); and when using number of BESS inverters for item (D), total number of BESS inverters is to be provided for (E).

Date/Time Start (A)	Date/Time End (B)	Duration (hrs) (C) = (B-A)	Size of reduction (MW) or Number of BESS Inverters Unavailable (D)	BESS Contract Capacity (MW) or Total number of BESS Inverters (E)	Equivalent Hours (hrs) (C x D)/E
...					

Total Equivalent Seller Attributable Derated hours (ESADH) for the reporting period: _____

ESADH from the last three (3) reporting periods: _____

ESADH for the last four (4) reporting periods: _____

Enter the information for each BESS Planned Derating event during the reporting period. Dates and times should be entered to the nearest minute. Duration, size of reduction, BESS Contract Capacity (MW), and equivalent hours should be rounded to 1 decimal place. When using MWs for item (D) below, BESS Contract Capacity (MW) is to be provided for (E); and when using number of BESS inverters for item (D), total number of BESS inverters is to be provided for (E).

Date/Time Start (A)	Date/Time End (B)	Duration (hrs) (C) = (B-A)	Size of Reduction (MW) or Number of BESS Inverters Unavailable (D)	BESS Contract Capacity (MW) or Total number of BESS Inverters (E)	Equivalent Hours (hrs) (C x D)/E
...					

Total equivalent planned derated hours (EPDH) for the reporting period: _____

EPDH from the last three (3) reporting periods: _____

EPDH for the last four (4) reporting periods: _____

Enter the information for each BESS Unplanned Derating event during the reporting period. Dates and times should be entered to the nearest minute. Duration, size of reduction, BESS Contract Capacity (MW), and equivalent hours should be rounded to 1 decimal place. When using MWs for item (D) below, BESS Contract Capacity (MW) is to be provided for (E); and when using number of BESS inverters for item (D), total number of BESS inverters is to be provided for (E).

Date/Time Start (A)	Date/Time End (B)	Duration (hrs) (C) = (B-A)	Size of Reduction (MW) or Number of BESS Inverters Unavailable (D)	BESS Contract Capacity (MW) or Total number of BESS Inverters (E)	Equivalent Hours (hrs) (C x D)/E
...					

Total equivalent unplanned derated hours (EUDH) for the reporting period: _____

EUDH for the last three (3) reporting periods: _____

EUDH for the last four (4) reporting periods: _____

Period Hours (PH) is : _____ (8760 hours if no 29th day in February in that last twelve months otherwise 8784 hours).

Enter the Available Hours, ESADH, EPDH and EUDH for the last four (4) reporting periods as calculated above.

AH (A)	ESADH (B)	EDDH (C)	EUDH (D)	BESS Annual Equivalent Availability Factor $100\% \times (A - B - C - D)/PH$

Enter the information for each Unplanned (Forced Outage) during the reporting period. Dates and times should be entered to the nearest minute. Duration should be rounded to 1 decimal place.

Date/Time Start	Date/Time End	Duration

(A)	(B)	(hrs) (B-A)
...		

Total Forced Outage Hours (FOH) for the reporting period (from above): _____

FOH from the last three (3) reporting periods: _____

FOH for the last four (4) reporting periods: _____

Enter the FOH, ESADH, and EUDH for the last four (4) reporting periods as calculated above.

FOH (A)	EUDH (B)	ESADH (C)	BESS Annual Equivalent Forced Outage Factor $100\% \times (A + B + C)/8760$

2. Quarterly Report Disagreements.

- (a) Notice of Disagreement With Quarterly Report. Within ten (10) Business Days following the close of the BESS Measurement Period in question, Seller shall provide to Company the Quarterly Report for such BESS Measurement Period, as provided in Section 1 (Quarterly Report) of this Attachment T (Quarterly Reporting and Dispute Resolution by Independent AF Evaluator). Within ten (10) Business Days after Company's receipt of a Quarterly Report, Company shall provide written notice to Seller of any Quarterly Report Disagreement, including with respect to the data for the BESS Measurement Period covered by such Quarterly Report and Seller's calculation of, as applicable, any of the BESS Capacity Ratio, the RTE Ratio, the BESS Annual Equivalent Availability Factor or the BESS Annual Equivalent Forced Outage Factor for the BESS Measurement Period in question ("Notice of Quarterly Report Disagreement"). Together with any such Notice of Quarterly Report Disagreement, the Company shall include its own calculations and other support for its position. If Company fails to provide a Notice of Quarterly Report Disagreement within said 10-Business Day period, the Quarterly Report provided by Seller shall be deemed to be accepted by Company

and shall no longer be subject to dispute by Company or Seller.

- (b) Submission of Quarterly Report Disagreement to Independent AF Evaluator. Upon issuance of a Notice of Quarterly Report Disagreement, the Parties shall review the contents of the Quarterly Report(s) together with such Notice of Quarterly Report Disagreement and attempt to resolve such Quarterly Report Disagreement. If the Parties are able to agree on a resolution of any Quarterly Report Disagreement, the resulting corrected Quarterly Report(s) in question shall be set forth in a writing executed by both Parties, following which (i) such corrected Quarterly Reports shall no longer be subject to dispute by either Party and (ii) to the extent such resolution of such Quarterly Report Disagreement affects future Quarterly Reports, such future Quarterly Reports shall be prepared, and the BESS Capacity Ratio, the RTE Ratio, the BESS Annual Equivalent Factor and the BESS Annual Equivalent Forced Outage Factor in such future Quarterly Reports shall be calculated, in a manner consistent with such resolution. If the Parties are unable to resolve such Quarterly Report Disagreement within ten (10) Business Days after Company's issuance of such Notice of Quarterly Report Disagreement, either Party may, within five (5) Business Days after the end of such 10-Business Day period, submit the unresolved Quarterly Report Disagreement to an Independent AF Evaluator for resolution. If, within five (5) Business Days following the expiration of said 10-Business Day period, neither Party has submitted such Quarterly Report Disagreement to an Independent AF Evaluator, the data and calculations set forth in the Notice of Quarterly Report Disagreement in question shall be deemed to be accepted by Seller and shall no longer be subject to dispute by Company or Seller.

3. [RESERVED]

4. Independent AF Evaluator Process.

- (a) Appointment of Independent AF Evaluator. If either Party decides to submit an unresolved Quarterly Report Disagreement to an Independent AF Evaluator, it shall provide written notice to that effect (the "Submission

Notice") to the other Party, which notice shall designate which of the engineering firms on the Consultants List is to act as the Independent AF Evaluator for purposes of resolving such dispute; provided, however, for purposes of facilitating consistency in the resolution of Quarterly Report Disagreements, all Quarterly Report Disagreements concerning the same Performance Metric arising out of any one or more of the four (4) Quarterly Reports issued for a given Contract Year shall be submitted to the same Independent AF Evaluator unless such Independent AF Evaluator declines to accept any such submission(s). A Submission Notice must be provided within the 5-Business Day period provided in Section 2(b) (Submission of Quarterly Report Disagreement to Independent AF Evaluator) of this Attachment T (Quarterly Reporting and Dispute Resolution by Independent AF Evaluator). The Parties shall each pay fifty percent (50%) of the fees and expenses charged by the Independent AF Evaluator.

- (b) Eligibility for Appointment as Independent AF Evaluator. Both Parties agree that the engineering firms listed in Attachment D (Consultants List) are fully qualified to serve as Independent AF Evaluator. By mutual agreement between the Parties in writing, a name or names may be added to or removed from the Consultants List at any time. In no event shall there be less than three (3) names on the Consultants List.
- (c) Participation of Parties. Promptly following the issuance of a Submission Notice as provided in Section 4(a) (Appointment of Independent AF Evaluator) of this Attachment T (Quarterly Reporting and Dispute Resolution by Independent AF Evaluator), Seller and Company shall provide the Independent AF Evaluator which such data as they consider to be material to the resolution of the disputed issue(s). Seller and Company shall also provide such additional data and information as the Independent AF Evaluator may reasonably request. The Parties shall assist the Independent AF Evaluator throughout the process of resolving such dispute, including making key personnel and records available to the Independent AF Evaluator, but neither Party shall be entitled to participate in any meetings with personnel of the other Party or review of the other Party's records. However, the

Independent AF Evaluator will have the right to conduct meetings, hearing or oral arguments in which both Parties are represented.

- (d) Written Decision of Independent AF Evaluator. The terms of engagement with the Independent AF Evaluator shall require the Independent AF Evaluator to issue its written decision resolving the disputed issues submitted to it within the applicable time period set forth below, which time periods are subject to any tolling that may be applicable pursuant to Section 4(e) (Sequence to Resolving Interrelated Disagreements) of this Attachment T (Quarterly Reporting and Dispute Resolution by Independent AF Evaluator): (a) 30 Days as measured from the issuance of the Submission Notice; or (b) such other time period as the Parties may agree in writing. Unless otherwise agreed by the Parties in writing:
- (i) [RESERVED]
 - (ii) [RESERVED]
 - (iii) for a Quarterly Report Disagreement concerning the BESS Capacity Ratio or the RTE Ratio, the written decision of the Independent AF Evaluator shall set forth the BESS Capacity Ratio and/or the RTE Ratio for the BESS Measurement Period in question;
 - (iv) for a Quarterly Report Disagreement concerning the BESS Annual Equivalent Availability Factor, the written decision of the Independent AF Evaluator shall set forth (aa) the correct values to be used for AH, ESADH, EPDH, EUDH and PH under Attachment X (BESS Annual Equivalent Availability Factor) for the BESS Measurement Period in question if any such values were in dispute and (bb) the BESS Annual Equivalent Availability Factor for the BESS Measurement Period in question if such BESS Annual Equivalent Availability Factor was in dispute; and
 - (v) for a Quarterly Report Disagreement concerning the BESS Annual Equivalent Forced Outage Factor, the written decision of the Independent AF Evaluator shall set forth (aa) the correct values for FOH

and EUDH under Attachment Y (BESS Annual Equivalent Forced Outage Factor) for the BESS Measurement Period in question if any such values were in dispute and (bb) the BESS Annual Equivalent Forced Outage Factor for the BESS Measurement Period in question if such BESS Annual Equivalent Forced Outage Factor was in dispute.

- (e) Sequence for Resolving Interrelated Disagreements. If at the time a Quarterly Report Disagreement is submitted to an Independent AF Evaluator pursuant to Section 4(a) (Appointment of Independent AF Evaluator) of this Attachment T (Quarterly Reporting and Dispute Resolution by Independent AF Evaluator) there are one or more other unresolved Quarterly Report Disagreements concerning the same Performance Metric and the same BESS Measurement Period that are pending before a different Independent AF Evaluator, and the resolution of such other Quarterly Report Disagreement(s) is necessary to the resolution of the Quarterly Report Disagreement that has been newly submitted to a new Independent AF Evaluator as aforesaid, the time period for such new Independent AF Evaluator to issue its written decision resolving such newly submitted Quarterly Report Disagreement shall be tolled until such pending Quarterly Report Disagreement(s) have been resolved. For avoidance of doubt, it is the intent of the Parties that disagreements over performance data and calculations for a given BESS Measurement Period shall (i) not be subject to resolution twice and (ii) once resolved, shall not be reopened.
- (f) Final, Conclusive and Binding. The Parties acknowledge the inherent uncertainty in calculating the Performance Metrics, and hereby assume the risk of such uncertainty and waive any right to dispute the qualification of the person or entity appointed as the Independent AF Evaluator pursuant to Section 4(a) (Appointment of Independent AF Evaluator) of this Attachment T (Quarterly Reporting and Dispute Resolution by Independent AF Evaluator) and/or the appropriateness of the methodology used by Independent AF Evaluator in resolving such Quarterly Report Disagreements. Without limitation to the generality of the preceding sentence, the decision of the

Independent AF Evaluator as to each Quarterly Report Disagreement submitted to an Independent AF Evaluator shall be final, conclusive and binding upon Company and Seller and shall not be subject to further dispute under Article 28 (Dispute Resolution) of the Agreement.

5. Periodic Review of Method of Calculating and Reporting Performance Metrics. At least once per Contract Year, Company shall review the method of calculating and reporting Performance Metrics under this Agreement to determine if other variables should be incorporated into such calculations. Any revisions to the Performance Metrics calculations in this Agreement shall be mutually agreed to by both Seller and Company.
6. Future Changes in Reporting Requirements. Seller shall reasonably cooperate with any Company requested revisions to the Quarterly Report to include additional data that may be necessary from time to time to enable Company to comply with any new reporting requirements directed by the PUC or otherwise imposed under applicable Laws.

ATTACHMENT U
[RESERVED]

ATTACHMENT V
SUMMARY OF MAINTENANCE AND INSPECTION PERFORMED
IN PRIOR CALENDAR YEAR

(See Article 5)

DATE WORK ORDER SUBMITTED: 06/28/96
WO#: 11451
EQUIPMENT #: 1CCF-TNK-1
EQUIPMENT DESCRIPTION: AMMONIA STORAGE TANK 1
PROBLEM DESCRIPTION: PURCHASE EMERGENCY ADAPTER FITTINGS FOR
UNLOADING GASPRO TANKS TO STORAGE TANK

WORK PERFORMED: PURCHASED THE NEW ADAPTERS AND VERIFIED THEIR
OPERATION.

COMPLETION DATE: 06/28/96
WORK ORDER COMPLETED BY: AA

-----END OF CURRENT WORK ORDER-----

DATE WORK ORDER SUBMITTED: 05/19/96
WO#: 11136
EQUIPMENT #: 1WSA-BV-12
EQUIPMENT DESCRIPTION: MAKE-UP PI ISOLATION
PROGRAM DESCRIPTION: 'D' MAKE-UP PUMP PI ISOLATION FITTING LEAKING
ON SPOOL SIDE

WORK PERFORMED: REMOVED AND REPLACED FITTINGS AND FLANGES WITH
STAINLESS STEEL. THIS WORK WAS DONE DURING PUMP OVERHAUL ON WO
1374. JH

COMPLETION DATE: 06/28/96
WORK ORDER COMPLETED BY: BB

-----END OF CURRENT WORK ORDER-----

ATTACHMENT W
BESS TESTS

Prior to achieving Commercial Operations, and in each BESS Measurement Period, unless waived by Company, Seller shall demonstrate that the Facility satisfies the (1) BESS Capacity Performance Metric, and (2) RTE Performance Metric, each as defined and further described below.

BESS Capacity Performance Metric

The BESS Capacity Performance Metric reflecting the net energy output of the Facility at the Point of Interconnection can be demonstrated either through (i) operational data or (ii) a scheduled formal BESS Capacity Test.

The "BESS Capacity Performance Metric" shall be deemed to be satisfied where the BESS Capacity Ratio is not less than **100%** for an applicable BESS Measurement Period. The "BESS Capacity Ratio" shall be the number, expressed as a percentage, equal to the total "Discharge Energy" (MWh discharge) delivered to the Point of Interconnection to bring the BESS from (i) its maximum State of Charge or (ii) 100% State of Charge to a 0% State of Charge, divided by the BESS Contract Capacity (MWh).

A "BESS Capacity Test" is when the Company coordinates Company Dispatch to demonstrate the Facility maintains the power output required to follow the dispatch signal provided by the Company through a control setpoint, as measured at the Point of Interconnection, and is able to continuously discharge energy to the Point of Interconnection according to Company Dispatch to bring the Facility from (i) its maximum State of Charge or (ii) 100% State of Charge to a 0% State of Charge.

The BESS Capacity Test can only be performed when the Facility is at the lower of: (i) its maximum State of Charge or (ii) 100% State of Charge prior to the start of the BESS Capacity Test and during the BESS Capacity Test the Company Dispatch allows for continuous discharge of the Facility to 0% State of Charge with energy delivered to the Point of Interconnection.

RTE Performance Metric

The "RTE Performance Metric" is set forth in the Project Specific Addendum. The RTE Performance Metric reflecting the charging/discharging of the Facility can be demonstrated either

through (i) operational data or (ii) a scheduled formal RTE Test.

Demonstration of the RTE Performance Metric requires measurement of "Charging Energy" (MWh charge) at the BESS AC input to bring the Facility from a 0% State of Charge to a 100% State of Charge from the grid according to Company Dispatch, followed by measurement at the Point of Interconnection of the "Discharge Energy" (MWh discharge) delivered to the grid to bring the Facility to a 0% State of Charge according to Company Dispatch. The exact point of measurement for Charging Energy will be mutually agreed to by the Parties on the Facility's single-line diagram to be attached to the Agreement as Attachment E (Single-Line Drawing and Interface Block Diagram).

For the purposes of evaluating satisfaction of the RTE Performance Metric, the "RTE Ratio" shall be the number, expressed as a percentage, equal to the total Discharge Energy delivered to the Point of Interconnection during the BESS Capacity Test, divided by the Charging Energy measured at the BESS AC input.

The formula for the RTE Ratio is as follows:

$$\text{RTE Ratio} = 100\% \times (\text{MWh discharge}) / (\text{MWh charge})$$

The RTE Performance Metric will be deemed to have been "passed" or "satisfied" to the extent the RTE Ratio is not less than the RTE Performance Metric set forth in Section 2.11(a) (RTE and Liquidated Damages).

An "RTE Test" is when the Company coordinates Company Dispatch to demonstrate the charging/discharging requisite to satisfy the RTE Performance Metric.

The RTE Test may be conducted concurrently with a BESS Capacity Test.

For purposes of the RTE Test, the charging cycle shall begin when the Facility is at a 0% State of Charge prior to a (i) 100% discharge cycle or (ii) BESS Capacity Test if being conducted concurrently and the Charging Energy is the amount of energy, as measured at the BESS AC input, that brings the Facility to a 100% State of Charge.

BESS Test Procedures

After Commercial Operations, Seller shall demonstrate satisfaction of the BESS Capacity Performance Metric by reference to the operational data reflecting the net output of the Facility at the Point of Interconnection, or by conducting a scheduled formal BESS Capacity Test during such BESS Measurement Period. Once Seller demonstrates satisfaction of the BESS Capacity Performance Metric through either operational data or a scheduled formal BESS Capacity Test (100% discharge cycle), the Facility shall be deemed to have met the BESS Capacity Performance Metric and satisfied ("passed") the BESS Capacity Test for the applicable BESS Measurement Period.

After Commercial Operations, Seller shall demonstrate satisfaction of the RTE Performance Metric by reference to the operational data reflecting the charging/discharging of the Facility, or by conducting a scheduled formal RTE Test during such BESS Measurement Period. Once Seller demonstrates satisfaction of the RTE Performance Metric through either operational data or a scheduled formal RTE Test (100% charge/discharge cycle), the Facility shall be deemed to have met the RTE Performance Metric and satisfied ("passed") the RTE Test for the applicable BESS Measurement Period.

Any BESS Capacity Test or RTE Test (each a "BESS Test" and collectively, the "BESS Tests"), scheduled in lieu of being demonstrated by reference to operational data as provided below, shall be performed at a time reasonably requested by the Company in its sole discretion.

Seller shall be permitted up to a total of three (3) BESS Tests (100% discharge cycles) within a BESS Measurement Period to demonstrate satisfaction of the BESS Capacity Performance Metric and the RTE Performance Metric for such BESS Measurement Period, unless additional such tests are authorized by Company. If upon completion of the first BESS Test, Seller does not "pass" either the BESS Capacity Test or the RTE Test, Company shall attempt to notice up to two (2) additional BESS Tests within a BESS Measurement Period, for Seller to further demonstrate its performance. If a scheduled formal BESS Test is requested by Seller, Company shall attempt to schedule a formal BESS Test and Company shall provide notice to Seller no less than three (3) Business Days prior to conducting such scheduled formal BESS Test.

If, during a BESS Measurement Period, Seller fails to pass a BESS Capacity Test, the Facility shall nevertheless be deemed to have satisfied the BESS Capacity Performance Metric for the

applicable BESS Measurement Period if either (i) Company failed to notice up to three BESS Capacity Tests in order for Seller to further demonstrate the Facility's performance during such BESS Measurement Period, or (ii) Seller was unable to perform at least two (2) such noticed BESS Capacity Tests during such BESS Measurement Period due to (a) conditions on the Company System other than Seller-Attributable System Conditions or (b) an act or omission by Company. If Seller-Attributable Unavailability is the cause for the inability to demonstrate the BESS Capacity Performance Metric, the BESS Capacity Ratio used to assess liquidated damages shall be the highest demonstrated in operational data or the most recently completed test during the applicable BESS Measurement Period.

If, during a BESS Measurement Period, Seller does not demonstrate satisfaction of the BESS Capacity Performance Metric through operational data or a BESS Capacity Test, assessment of Liquidated Damages will be based on the last of the BESS Capacity Tests performed.

If, during a BESS Measurement Period, Seller fails to pass an RTE Test, the Facility shall nevertheless be deemed to have satisfied the RTE Performance Metric for the applicable BESS Measurement Period if either (i) Company failed to notice up to three RTE Tests in order for Seller to further demonstrate the Facility's performance during such BESS Measurement Period, or (ii) Seller was unable to perform at least two (2) such noticed RTE Tests during such BESS Measurement Period due to (a) conditions on the Company System other than Seller-Attributable System Conditions or (b) an act or omission by Company. If Seller-Attributable Unavailability is the cause for not adequately demonstrating the RTE Performance Metric, the RTE Ratio used to assess liquidated damages shall be the highest demonstrated in operational data or the most recently completed test during the applicable BESS Measurement Period.

If, during a BESS Measurement Period, Seller does not demonstrate satisfaction of the RTE Performance Metric through operational data or RTE Tests, assessment of Liquidated Damages will be based on the last of the RTE Tests performed.

Company will conduct any necessary BESS Test(s) through Company Dispatch. Company shall have the right to attend, observe and receive the results of all BESS Tests. Seller shall provide to Company the results of each BESS Test (including time stamped graphs of system performance based in operational data or test data) no later than ten (10) Business Days after any BESS Test.

ATTACHMENT X
BESS ANNUAL EQUIVALENT AVAILABILITY FACTOR

For each BESS Measurement Period following the Commercial Operations Date, a BESS Annual Equivalent Availability Factor shall be calculated using the equation, data set and interim assumptions as provided in this Attachment X (BESS Annual Equivalent Availability Factor).

"BESS Annual Equivalent Availability Factor" shall be calculated as follows:

$$\text{BESS Annual Equivalent Availability Factor} = 100\% \times \frac{AH-EDH}{PH}$$

Where, for the 12 calendar months used to calculate the BESS Annual Equivalent Availability Factor for the BESS Measurement Period in question:

Period Hours (PH) is the total number of hours in the 12 calendar months used to calculate the BESS Annual Equivalent Availability Factor for the BESS Measurement Period in question, counting twenty-four (24) hours per Day. If, for example, the 12 calendar months in question include exactly 365 Days, PH = 8,760.

Available Hours (AH) is the number of hours that the Facility is not on Outage. It is sum of all Service Hours (SH) + Reserve Shutdown Hours (RSH).

A "BESS Outage" exists whenever the entire Facility is offline and unable to charge or discharge electric energy and is not in Reserve Shutdown state.

Service Hours (SH) is the number of hours that the Facility is online and (i) charging from the Company System, or (ii) discharging electric energy to the Company System.

Reserve Shutdown Hours (RSH) is the number of hours the Facility is available but not charging or discharging electric energy or is offline at the Company's request for reasons other than Seller-Attributable Unavailability. For

purposes of calculating the BESS Annual Equivalent Availability Factor, any hours during which the Facility or any portion of the Facility is unavailable due to Force Majeure shall be deemed to be Reserve Shutdown Hours for the calendar month in question.

A "BESS Derating" exists when the Facility is available but at less than BESS Contract Capacity (MW), including deratings due to Seller-Attributable Unavailability or those by Company pursuant to Section 8.3 (Company Rights of Dispatch). For the avoidance of doubt, if there is a BESS Outage occurring, there cannot also be a BESS Derating.

Equivalent Derated Hours (EDH) is the sum of ESADH, EPDH, and EUDH. For deratings due to Facility inverter unavailability, the equivalent full outage hour(s) are calculated by multiplying the actual duration of the derating (hours) by the number of Facility inverters unavailable and dividing by the total number of Facility inverters. For deratings that do not impact the availability of an entire Facility inverter or set of entire Facility inverters, the equivalent full outage hour(s) are calculated by multiplying the actual duration of the derating (hours) by the size of the derating (in MW) and dividing by the BESS Contract Capacity (MW).

Equivalent Seller-Attributable Derated Hours (ESADH): A Seller-Attributable Derating occurs when a derating exists due to Seller-Attributable Unavailability or deratings by Company pursuant to Section 8.3 (Company Rights of Dispatch). Each individual derating is transformed into equivalent full outage hour(s). These equivalent hour(s) are then summed for the applicable BESS Measurement Period and the immediately preceding three (3) full BESS Measurement Periods.

EPDH is the equivalent planned derated hours, including Planned Deratings (PD) and Maintenance Deratings (D4). A Planned Derating is when the Facility experiences a derating scheduled well in advance and for a predetermined duration. A Maintenance Derating is a derating that can be deferred beyond the end of the next weekend (Sunday at midnight or before Sunday turns into Monday) but requires a reduction in capacity before the next Planned Derating (PD). Each individual derating is transformed into equivalent full outage hour(s) by multiplying the actual

duration of the Derating (hours) by (i) the size of the reduction (MW) divided by (ii) BESS Contract Capacity (MW). These equivalent hour(s) are then summed for the applicable BESS Measurement Period and the immediately preceding three (3) full BESS Measurement Periods.

EUDH is the equivalent unplanned derated hours. An Unplanned Derating (Forced Derating) occurs when the Facility experiences a derating that requires a reduction in availability before the end of the nearest following weekend. Each individual Unplanned Derating is transformed into equivalent full outage hour(s). These equivalent hour(s) are then summed for the applicable BESS Measurement Period and the immediately preceding three (3) full BESS Measurement Periods.

The following examples are provided as illustrative examples only:

Example A: The Facility was continuously available, with no BESS Outages or BESS Deratings during the 12 months used to calculate the BESS Annual Equivalent Availability Factor for the BESS Measurement Period in question. In this case AH = 8760 hours, EDH = 0 hours as ESADH, EPDH, and EUDH each = 0 hours

$$\text{BESS EAF} = 100\% \times \frac{8,760-0}{8,760} = 100\%$$

Example B: During the 12 months used to calculate the BESS Annual Equivalent Availability Factor for the BESS Measurement Period in question: (a) The Facility was online and charging from or discharging electric energy to the Company System for 8,400 hours and was available but not charging electric energy due to lack of stored energy from the Company System (i.e., not Seller-Attributable Unavailability) for 226 hours; (b) The Facility experienced a Planned Derating of 7.2 MWs for 100 hours for maintenance that was scheduled a month in advance; (c) The Facility also experienced an Unplanned Derating of 62 Facility inverters for 100 hours as the derating could not be deferred to beyond the nearest following weekend. (d) The Facility did not experience any outage or derating due to Seller-Attributable Unavailability during this period.

The BESS Contract Capacity (MW) is 10 MW and the Facility contains 100 total inverters.

PH = 8,760 hours in 12 calendar months
SH = 8,400 hours
RSH = 226 hours
AH = SH + RSH = 8,400 + 226 = 8,626 hours

ESADH = 0
EPDH = 100 hours x 7.2 MW/10 MW = 72 hours (Planned
Maintenance)
EUDH = 100 hours x 62 inverters/ 100 inverters = 62
hours (Unplanned Deration (Forced Derating))

EDH = 72 hours + 62 hours = 134 hours

$$\text{BESS EAF} = 100\% \times \frac{8,626-134}{8,760} = 96.9\%$$

Requisite Data Set. Using the equation set forth on page X-1, the BESS Annual Equivalent Availability Factor shall be calculated as of the close of each BESS Measurement Period based on the data set compiled from the twelve (12) then-most-recent calendar months subsequent to the Commercial Operations Date. A consequence of requiring a 12-month data set subsequent to the Commercial Operations Date is that, during the initial Contract Year such data set will not be available. During that period, the BESS Annual Equivalent Availability Factor shall be calculated as provided in the paragraph immediately below captioned "Interim Assumptions."

Interim Assumptions. Until such time as there are twelve (12) calendar months subsequent to the Commercial Operations Date, the calculation of the BESS Annual Equivalent Availability Factor using the equation set forth at page X-1 shall be made on the basis of the data available as of the close of each BESS Measurement Period as supplemented and limited by the following assumptions and limitations:

- (a) Assumed Availability During Initial Contract Year. For the first three BESS Measurement Periods of the initial Contract Year (i.e., through the ninth (9th) full calendar month of the initial Contract Year), the calculation of the BESS Annual Equivalent Availability Factor as of the end of each of these three BESS Measurement Periods shall assume that the Facility is one hundred percent (100%) available during the calendar months remaining between the close of such BESS Measurement Period and the end of the initial Contract Year; and

- (b) Disregarding Data For Period Prior to First Calendar Month of Initial Contract Year. If the Commercial Operation Date occurs on a day that is not the first day of a calendar month, the period between the Commercial Operations Date and the first day of the first calendar month following the Commercial Operations Date is not included in the first BESS Measurement Period and the data from this excluded period shall not be used in the calculation of the BESS Annual Equivalent Availability Factor.

ATTACHMENT Y
BESS ANNUAL EQUIVALENT FORCED OUTAGE FACTOR

$$EFOF = 100\% \times \frac{(FOH + EUDH + ESADH)}{8760}$$

Where:

Equivalent Unplanned (Forced) Derated Hours (EUDH) is calculated in accordance with Attachment X (BESS Annual Equivalent Availability Factor) of this Agreement.

Equivalent Seller Attributable Derated Hours (ESADH) is calculated in accordance with Attachment X (BESS Annual Equivalent Availability Factor) of this Agreement.

Forced Outage Hours (FOH) = Sum of all hours the Facility experienced an Unplanned (Forced) Outage during the applicable BESS Measurement Period and the immediately preceding three (3) full BESS Measurement Periods.

Unplanned (Forced) Outage: An outage that requires removal of the entire Facility from service before the end of the nearest following weekend that is not planned, including those caused by Seller-Attributable Unavailability or those imposed by Company pursuant to Section 8.3 (Company Rights of Dispatch).

EXAMPLE CALCULATION:

Assume a 50 MW Facility that for the BESS Measurement Period in question was completely out of service for 50 hours. For the BESS Measurement Period in question, it also had the following deratings:

Duration of Derating	MW Size Reduction
100 Hours	25 MW
20 Hours	20 MW
50 Hours	5 MW

During the three preceding BESS Measurement Periods, the Facility had a total of 150 Forced Outage Hours and a total of 100 Equivalent Forced Derated Hours.

FOH = 50 hours + 150 hours = 200 hours

EUDH = ((100x25)/50)+((20x20)/50)+((50x5)/50))+100 = 163 hours

$$EFOF = 100\% \times \frac{(200 + 163)}{8760} = 4.1\%$$



**Hawaiian
Electric**

Draft Project Specific Addendum

For

Standalone Storage

Projects Located on Maui or Hawai‘i Island

Project Type: Standalone Storage

BESS Contract Capacity: _____ / _____ MW/MWh of Storage

Facility Location: _____

*Is the Facility Location Owned by Maui Electric or Hawaii
Electric Light? No Yes*

If “Yes,” attach Attachment COS

Execution Date: _____

November 7, 2022 Version

PROJECT SPECIFIC ADDENDUM

This **PROJECT SPECIFIC ADDENDUM** is incorporated by reference into the **ENERGY STORAGE PURCHASE AGREEMENT** for the Facility identified on the coversheet of this Project Specific Addendum and is entered into coterminous with such Energy Storage Purchase Agreement as of _____, 20__ (the “Execution Date”), by [Maui Electric Company, Ltd., Hawai‘i Electric Light Company, Inc.], a Hawai‘i corporation (“Company”), and _____, [**insert type of entity and jurisdiction of organization**] (“Seller”). Together, the Company and Seller are the “Parties” and may singularly each be referred to as a “Party”.

WHEREAS, the Company has certain technical and contractual requirements that are specific to the individual islands;

WHEREAS, certain metrics are specific to this Facility;

WHEREAS, this Project Specific Addendum contains all of the island specific provisions and certain of the metrics that apply to this Facility;

WHEREAS, the Parties agree to abide by the provisions of this Project Specific Addendum, as hereinafter set-forth.

NOW, THEREFORE THE PARTIES AGREE AS FOLLOWS:

1. The text of Section 29.24 (Hawai‘i General Excise Tax) of the Power Purchase Agreement for this Facility shall read as follows:

Hawai‘i General Excise Tax. Seller shall, when making payments to Company under this Contract, pay such additional amount as may be necessary to reimburse Company for the Hawai‘i general excise tax on gross income and all other similar taxes imposed on Company by any Governmental Authority with respect to payments in the nature of gross receipts tax, sales tax, privilege tax or the like, but excluding federal or state net income taxes. By way of example and not limitation, as of the Execution Date, all payments subject to the Hawai‘i general excise tax, (i) on the islands of on Maui, Moloka‘i and Lāna‘i (totaling 4.0% as of the Execution Date) would include an additional 4.166% so that the underlying payment will be net of such tax liability; and (ii) all payments subject to general excise tax plus surcharge on Hawai‘i island (totaling 4.5% as of the Execution Date) would include an additional 4.712% so the underlying payment will be net of such tax liability.

2. The following specifics apply to this Facility:

- (a) The “BESS Contract Capacity” is [redacted] / ___ MW/MWh, which represents the anticipated maximum net instantaneous active power and maximum energy storage capability (MWh stored that represents a 100% State of Charge) for export to the Point of Interconnection upon Commercial Operations as proposed by Seller in its RFP Proposal.
- (b) Under Section 5.4 (Seller’s Annual Maintenance Schedule) of the Energy Storage Purchase Agreement for this Facility, the threshold for the maintenance outages that Seller is required to include in its written schedule of maintenance outages is any maintenance outage that will reduce the capacity of the Facility by an amount equal to or greater than 5 MW or 25% of the Net Nameplate Capacity.
- (c) The “RTE Performance Metric” is [redacted] %, which represents the lowest acceptable efficiency of the Facility for a full charge and discharge cycle as more fully set forth in Attachment

W (BESS Tests) to the Energy Storage Purchase Agreement for this Facility.
[DRAFTING NOTE: RTE PERFORMANCE METRIC TO BE TAKEN FROM RESPONSE TO RFP.]

- (d) The “Lump Sum Payment” is \$ [REDACTED]. **[TO BE INCORPORATED BASED ON RESPONSE TO RFP.]**
- (e) The “Guaranteed Commercial Operation Date” is [REDACTED].
- (f) Under Section 13.3(a) of the Energy Storage Purchase Agreement for the Facility, the Guaranteed Commercial Operations Date may not be extended beyond [REDACTED]. **[DRAFTING NOTE: OUTSIDE DATE TO BE INSERTED BASED ON TYPE OF PROPOSAL.]**
- (g) The amount of “Daily Delay Damages” is \$ [REDACTED] per Day. **[DRAFTING NOTE: Calculate as follows: (Contract Capacity X \$50/kW) ÷ 180 Days = Daily Delay Damages.]**
- (h) As of the Execution Date, Seller is a subsidiary of [REDACTED], a [state type of entity and jurisdiction of organization], (the “Parent Entity”).
- (i) The “RFP” to which Seller responded in proposing this project is Company’s Request for Proposals for [REDACTED], Island of [REDACTED], issued on [REDACTED], 202[REDACTED].
- (j) Under Section 29.21(e) of the Energy Storage Purchase Agreement for the Facility, as of the Execution Date, the name and email address for Seller’s Community Representative is:

Name: [REDACTED]
Email Address: [REDACTED]
Phone Number: _____

- (k) Under Section 5(d) of Attachment J (Company Payments for Dispatchability and Availability of BESS), the amount of the liquidated damages to which Company shall be entitled if Seller fails to apply for and to use commercially reasonable efforts to obtain the Hawai’i Refundable and/or Non-Refundable Tax Credit as described in Section 5 (Tax Credit Pass Through) of said Attachment J (Company Payments for Dispatchability and Availability of BESS) shall be an amount equal to the maximum Hawai’i Refundable and/or Non-Refundable Tax Credit available for the Project at such time.
- (l) The addresses and email addresses for Company and Seller under the “Notices” provisions of Section 29.3(a) of the Energy Storage Purchase Agreement for the Facility are as follows:

[Maui Electric Company, Ltd.] [Hawaii Electric Light Company, Inc.]:

By Mail:

Delivered By Hand or Overnight Delivery:

By E-mail:

With a copy to:

By Mail:

Hawaiian Electric Company, Inc.
Legal Division
P.O. Box 2750
Honolulu, Hawai'i 96840

By E-mail:

Hawaiian Electric Company, Inc.
Legal Division
Email: legalnotices@hawaiianelectric.com

Seller: The contact information listed in Attachment A (Description of Storage Facility) hereto.

3. The definition of "Seller-Attributable Unavailability" reads as follows:

"Seller-Attributable Unavailability": Time periods during which the inverter in question (or the Facility as a whole) is not dispatched or is derated or shutdown (or the Facility is disconnected) because of any of the following:

- (i) The Facility's failure to comply with any of the Performance Standards, Good Engineering and Operating Practices, Governmental Approvals, applicable Laws or Seller's other obligations under this Agreement;
- (ii) Seller-Attributable System Conditions;
- (iii) Conditions at or on either side of the Point of Interconnection arising from the acts or omissions of Seller or any of its affiliates, employees, agents, contractors, vendors, materialmen, independent contractors or suppliers of Seller, acting in such capacity for the benefit of Seller ("Seller Representatives"), unless such acts or omissions are themselves excused by reasons of Force Majeure pursuant to Article 21 (Force Majeure) of this Agreement;

- (iv) A disconnection initiated by the Company pursuant to Article 9 (Personnel and System Safety) of this Agreement) that is caused by Seller or any Seller Representatives;
- (v) The Company has reasonably decided that it is inadvisable for such inverter (or the Facility as a whole) to continue normal operations without a further Control System Acceptance Test as provided in Section 7(a) (Testing Requirements) of Attachment B (Facility Owned by Seller);
- (vi) The Facility is deemed to be in Seller-Attributable Unavailability status under any of the following Sections of Attachment B (Facility Owned by Seller): Section 1(g)(vi), Section 1(j) (Demonstration of Facility) or Section 4(e);
- (vii) The Facility is shutdown at the direction of Company as provided in Section 6.4 (Shutdown For Lack of Reliable Real Time Data), and such shutdown is caused by Seller or any Seller Representatives; and
- (viii) The Facility fails to comply with Company Dispatch or other outage or derating as provided in Section 8.3 (Company Rights of Dispatch)

Each time period of Seller-Attributable Unavailability shall constitute an Outage or Deration, as applicable.

4. The following project specific provisions are attached to this Project Specific Addendum and constitute part the Agreement:

Attachment A (Description of Storage Facility)
Exhibit A-1 (Good Standing Certificates)
Exhibit A-2 (Ownership Structure)
Attachment B (Facility Owned by Seller)
Exhibit B-1 (Modeling Requirements)
Exhibit B-2 (Energy Storage Capability Curve(s))
Attachment D (Consultants List)
Attachment E (Single-Line Drawing and Interface Block Diagram)
Attachment F (Relay List and Trip Scheme)
Attachment G (Company-Owned Interconnection Facilities)
Attachment K (Guaranteed Project Milestones)
Attachment K-1 (Seller's Conditions Precedent and Company Milestones)
Attachment L (Reporting Milestones)
Attachment N (Acceptance Test General Criteria)
Attachment O (Control System Acceptance Test Criteria)

IN WITNESS WHEREOF, the Parties hereto have caused this Project Specific Addendum to be executed by their duly authorized representatives.

MAUI ELECTRIC COMPANY, LIMITED
or
HAWAI`I ELECTRIC LIGHT COMPANY,
INC.

By _____
Name:
Its:

By _____
Name:
Its:

("Company")

[NAME OF PROJECT ENTITY]

By _____
Name:
Its:

By _____
Name:
Its:

("Seller")

ATTACHMENT A
DESCRIPTION OF STORAGE FACILITY

1. Name of Facility: _____
 - (a) Location: _____ (TMK No. _____)
 - (b) Telephone number (for system emergencies): _____
 - (c) E-mail Address: _____
 - (d) Contact Information for notices pursuant to Section 29.3 (Notices) of the Agreement:
Mailing Address: _____

Address for Delivery by Hand or Overnight Delivery:

E-mail Address: _____
2. Owner (If different from Seller): _____

If Seller is not the owner, Seller shall provide Company with a certified copy of a certificate warranting that the owner is a corporation, partnership or limited liability company in good standing with the Hawai'i Department of Commerce and Consumer Affairs which shall be attached hereto as Exhibit A-1 (Good Standing Certificates).
3. Operator: _____
4. Name of person to whom payments are to be made:
 - (a) Mailing address: _____

 - (b) Hawai'i Gross Excise Tax License number: _____
5. Equipment:
 - (a) Type of facility and conversion equipment: _____

[For example: The Facility stores electric energy in _____ chemistry cells and converts the stored AC electricity using _____ converters.]

(b) Design and capacity

BESS Contract Capacity: The anticipated maximum net instantaneous active power and maximum energy storage capability (MWh stored that represents a 100% State of Charge) for export at the Point of Interconnection of the Facility BESS upon Commercial Operations. The BESS Contract Capacity (MW) shall not be less than the Net Nameplate Capacity. The BESS Contract Capacity of this Facility shall be:

_____ MW / _____ MWh

[DRAFTING NOTE: For Stage 3 the BESS Contract Capacity MWh rating must be two (2) or four (4) hours at the BESS Contract Capacity MW output.]

Total Number of Energy Storage Units (BESS Modules and Inverters):

[e.g. ten (10) Brand X, 1650 kW DC, BESS Modules; ten (10) Brand Y, 1500 kW AC BESS Inverters]

Description of Equipment:

[For example: Describe the type of battery energy storage system equipment, capacity, and any special features (i.e., Modules per converter; plant controller information)]

Maximum Auxiliary load:

	kVAR	kVAR
_____ kW	Consumed	Produced

Energy Storage Unit:

Type _____
Rated Power _____ kW (AC)

approval prior to commencement of construction, provided, however, that (i) no such revision to this Section 5 shall change the type of Facility or equipment deployed at the Facility from a standalone battery energy storage system; (ii) Seller shall be in compliance with all other terms and conditions of this Agreement; and (iii) such revision(s) shall not change the characteristics of the Facility equipment or the specifications used in the IRS. Any revision to this Section 5 complying with items (i) through (iii) above shall be subject to Company's prior approval, which approval shall not be unreasonably withheld. If Seller's proposed revision(s) to this Section 5 otherwise satisfies items (i) and (ii) above but not item (iii) such that Company, in its reasonable discretion, determines that a re-study or revision to all or any part of the IRS is required to accommodate Seller's proposed revision(s), Company may, in its sole and absolute discretion, conditionally approve such revision(s) subject to a satisfactory re-study or revision to the IRS and Seller's payment and continued obligation to be liable and responsible for all costs and expenses of re-studying or revising such portions of the IRS and for modifying and paying for all costs and expenses of modification to the Facility, the Company-Owned Interconnection Facilities based on the results of the re-studies or revisions to the IRS. Any changes made to this Attachment A (Description of Storage Facility) or the Agreement as a result of this Section 5(g) of Attachment A (Description of Storage Facility) shall be reflected in a written amendment to the Agreement.

Seller understands and acknowledges that Company's review and approval of Seller's proposed revisions to this Section 5 and any necessary re-studies or revisions to the IRS shall be subject to Company's then-existing time and personnel constraints. Company agrees to use commercially reasonable efforts, under such time and personnel constraints, to complete any

necessary reviews, approvals and/or re-studies or revisions to the IRS.

Any delay in completing, or failure by Seller to meet, any subsequent Seller milestones under Article 13 (Guaranteed Project Milestones Including Commercial Operations) as a result of any revision pursuant to this Section 5 by Seller (whether requiring a re-study or revision to the IRS or not) shall be borne entirely by Seller and Company shall not be responsible or liable for any delay or failure to meet any such milestones by Seller.

6. Insurance carrier(s): **[SELLER TO PROVIDE INFORMATION]**
7. If Seller is not the operator, Seller shall provide a copy of the agreement between Seller and the operator which requires the operator to operate the Facility and which establishes the scope of operations by the operator and the respective rights of Seller and the operator with respect to the availability of Energy Storage Services to Company no later than the Commercial Operations Date. In addition, Seller shall provide a certified copy of a certificate warranting that the operator is a corporation, partnership or limited liability company in good standing with the Hawai'i Department of Commerce and Consumer Affairs no later than the Commercial Operations Date.
8. Seller shall provide a certified copy of a certificate establishing that Seller is a corporation, partnership or limited liability company in good standing with the Hawai'i Department of Commerce and Consumer Affairs which shall be attached hereto as Exhibit A-1 (Good Standing Certificates).
9. Seller, owner and operator shall provide Company a certificate and/or description of their ownership structures which shall be attached hereto as Exhibit A-2 (Ownership Structure).
10. In the event of a change in ownership or identity of Seller, owner or operator, such entity shall provide within 30 Days thereof, a certified copy of a new certificate and a revised ownership structure. The preceding sentence is without limitation to the provisions Article 19 (Transfers, Assignments, and Facility Debt) of the Agreement.

EXHIBIT A-1
GOOD STANDING CERTIFICATES

Model ESPA
Maui Electric Company, Limited
Hawai'i Electric Light Company, Inc.

EXHIBIT A-2
OWNERSHIP STRUCTURE

Model ESPA
Maui Electric Company, Limited
Hawai'i Electric Light Company, Inc.

ATTACHMENT B
FACILITY OWNED BY SELLER

1. The Facility.

(a) Drawings, Diagrams, Lists, Settings and As-Builts.

- (i) Single-Line Drawing, Interface Block Diagram, Relay List, Relay Settings and Trip Scheme. A preliminary single-line drawing (including notes), Interface Block Diagram, relay list, relay settings, and trip scheme of the Facility shall, after Seller has obtained prior written consent from Company, be attached to this Agreement on the Execution Date as Attachment E (Single-Line Drawing and Interface Block Diagram) and Attachment F (Relay List and Trip Scheme). A final single-line drawing (including notes), Interface Block Diagram, relay list and trip scheme of the Facility shall, after having obtained prior written consent from Company, be labeled the "Final" Single-Line Drawing, the "Final" Interface Block Diagram and the "Final" Relay List and Trip Scheme and shall supersede Attachment E (Single-Line Drawing and Interface Block Diagram) and Attachment F (Relay List and Trip Scheme) to this Agreement and shall be made a part hereof on the Commercial Operations Date. After the Commercial Operations Date, no changes shall be made to the "Final" Single-Line Drawing, the "Final" Interface Block Diagram and the "Final" Relay List and Trip Scheme without the prior written consent of Seller and Company. The single-line drawing shall expressly identify the Point of Interconnection of Facility to Company System.
- (ii) As-Builts. Seller shall provide final as-built drawings of the Seller-Owned Interconnection Facilities within 30 Days of the successful completion of the Acceptance Test.
- (iii) Modeling. Seller shall provide the models as set forth in Exhibit B-1.
- (iv) No Material Changes. Seller agrees that no material changes or additions to the Facility as reflected in the "Final" Single-Line Drawing (including notes), the "Final" Interface Block Diagram, and the "Final"

Relay List and Trip Scheme shall be made without Seller first having obtained prior written consent from Company. The foregoing are subject to changes and additions as part of any Performance Standards Modifications. If Company directs any changes in or additions to the Facility records and operating procedures that are not part of any Performance Standards Modifications, Company shall specify such changes or additions to Seller in writing, and, except in the case of an emergency, Seller shall have the opportunity to review and comment upon any such changes or additions in advance.

(b) Certain Specifications for the Facility.

(i) Seller shall furnish, install, operate and maintain the Facility, including breakers, relays, switches, synchronizing equipment, monitoring equipment and control and protective devices approved by Company as suitable for parallel operation of the Facility with Company System. The Facility shall be accessible at all times to authorized Company personnel.

(ii) The Facility shall include:

[LIST OF THE FACILITY]

Examples may include, but are not limited to:

- **Seller-Owned Interconnection Facilities**
- **Substation**
- **Control and monitoring facilities**
- **Transformers**
- **Battery Energy Storage System ("BESS") equipment (as described in Attachment A)**
- **"Lockable" cabinets or housings suitable for the installation of the Company-Owned Interconnection Facilities located on the Site**
- **Relays and other protective devices**
- **Telecommunications equipment for communications, telemetry and control**

(iii) The Facility shall comply with the following **[includes excerpts of language that may be requested by Company]**:

- A. Seller shall install a ____ kV gang operated, load breaking, lockable disconnect switch and all other items for its switching station (relaying, control power transformers, high voltage circuit breaker). Bus connection shall be made to a manually and automatically (via protective relays) operated high-voltage circuit breaker. The high-voltage circuit breaker shall be fitted with bushing style current transformers for metering and relaying. Downstream of the high-voltage circuit breaker, a structure shall be provided for metering transformers. From the high-voltage circuit breaker, another bus connection shall be made to another pole mounted disconnect switch, with surge protection.
- B. Seller shall provide within the Seller-Owned Interconnection Facilities a separate, fenced area with separate access for Company. Seller shall provide all conduits, structures and accessories necessary for Company to install the Revenue Metering Package. Seller shall also provide within such area, space for Company to install its communications, supervisory control and data acquisition ("SCADA") equipment (remote terminal unit or equivalent) and certain relaying if necessary for the interconnection. Seller shall also provide AC and DC source lines as specified by Company. Seller shall provide a telephone line for Company-owned meters. Seller shall work with Company to determine an acceptable location and size of the fenced-in area. Seller shall provide an acceptable demarcation cabinet on its side of the fence where Seller and Company wiring will connect/interface.
- C. Seller shall ensure that the Seller-Owned Interconnection Facilities have a lockable cabinet for switching station relaying equipment. Seller shall select and install relaying equipment acceptable to Company. At a minimum, the relaying equipment will provide over and under frequency (81), negative phase

sequence (46), under voltage (27), over voltage (59), ground over voltage (59G), over current functions (50/51) and direct transfer trip (if required). The settings shall be consistent with the requirements for over/under frequency and voltage ride-through. Seller shall install protective relays that operate a lockout relay (86), which in turn will trip the main circuit breaker and not allow it to be reclosed without reset.

D. High Resolution Data: Seller shall install and make available to the Company time stamped and sequential data recordings for all inverter-based resources (and all generating resources) to perform event analysis and verify Facility performance during steady state and transient disturbance events. This will include a time-synchronized phasor measurement unit and a disturbance monitor fault recorder, as specified by Company, at the Facility POI, and access to multiple sources to provide sufficient clarity as to any abnormal response or behavior within the Facility, including Facility control settings and static values, SCADA data, sequence of events recording (SER) data, dynamic disturbance recorder (DDR) data, and inverter fault codes and inverter-level dynamic recordings. This data will be used to review the Facility response to system dynamics, such as the frequency response (normal droop), reactive response, etc.

E. Seller's equipment also shall provide at a minimum:

- (i) Interface with Company's Telemetry and Control, or designated communications and control interface, to provide telemetry of electrical quantities such as total Facility net MW, MVar, power factor, voltages, currents, and other quantities as identified by the Company;
- (ii) Interface with Company's Telemetry and Control, or designated communications and control interface, to provide status for circuit breakers, reactive devices, switches, and other equipment as identified by the Company;

- (iii) Interface with Company's Telemetry and Control, or designated communications and control interface, to provide control to incrementally raise and lower the voltage target at the point of regulation operating in automatic voltage regulation control;
 - (iv) Interface with Company's Telemetry and Control, or designated communications and control interface, to provide the active power control requirements of this Agreement.
 - (v) Interface with Company's Telemetry and Control, or designated communications and control interface, for the Company to specify control system modes of operation and parameters, for remotely configurable parameters and operating states required under this Agreement.
 - (vi) [RESERVED]
 - (vii) Provision for Loss of Telemetry and Control: If Company's Telemetry and Control, or designated communications and control interface, is unavailable, due to loss of communication link, Telemetry and Control failure, or other event resulting in loss of the remote control by Company, provision must be made for Seller to be able to institute via local controls, within 5 minutes (or such other period as Company accepts in writing) of the verbal directive by the Company System Operator, such change in voltage regulation target and real power export or import as directed by the Company System Operator.
- F. If Seller adds, deletes and/or changes any of its equipment, or changes its design in a manner that would change the characteristics of the equipment and specifications used in the IRS, Seller shall be required to obtain Company's prior written approval. If an analysis to revise parts of the IRS is

required, Seller shall be responsible for the cost of revising those parts of the IRS, and modifying and paying for the cost of the modifications to the Facility and/or the Company-Owned Interconnection Facilities based on the revisions to the IRS.

G. Cybersecurity and Critical Infrastructure Protection.

(i) Security Policies and Documentation.

Seller shall implement and document security policies and standards in accordance with industry best practices (e.g., aligned with the intent of NERC CIP-003-8 R2) and consistent with Company's security policies and standards. Seller shall submit documentation describing the approach, methodology, and design to provide physical and cyber security (i.e., aligned with the intent of NERC CIP-003-8 R2) with its submittal of the design drawings pursuant to Section 1(c) (Design Drawings, Bill of Materials, Relay Settings and Fuse Selection) of Attachment B (Facility Owned by Seller) which shall be at least sixty (60) Days prior to the Acceptance Test.

- The design shall meet industry standards and best practices, consistent with the National Institute of Standards and Technology ("NIST") guidelines as indicated in Special Publication 800-53 Rev. 4 "Security and Privacy Controls for Federal Information Systems and Organizations" and Special Publication 800-82 Rev. 2 "Guide to Industrial Control Systems (ICS) Security". The system shall be designed with the criteria to meet applicable compliance requirements and identify areas that are not consistent with NIST

guidelines and recommendations.

- The cybersecurity documentation shall include a block diagram of the control system with all external connections clearly described.
- Seller shall provide such additional information as Company may reasonably request as part of a security posture assessment.
- Company shall be notified in advance when there is any condition that would compromise physical or cyber security.
- Seller shall, at the request of Company or, in the absence of any request from Company, at least annually during the term of this Agreement, provide Company with updated documentation and diagrams including a record of changes.

(ii) Network and Application Security. Seller shall implement appropriate network and application security processes and practices commensurate with the level of risk as determined by periodic risk assessments (i.e., aligned with the intent of NERC CIP-005-5):

- Segment and segregate networks and functions, including physical and logical separation between business networks and control system networks (i.e., aligned with the intent of NERC CIP-005-5 R1).
- Limit unnecessary lateral communications (i.e., aligned with the intent of NERC CIP-005-5 R1).

- Harden network devices (i.e., aligned with the intent of NERC CIP-007-6 R1).
- Secure access to infrastructure devices (i.e., aligned with the intent of NERC CIP-004-6 R4).
- Perform out-of-band (OoB) network management (i.e., aligned with the intent of NERC CIP-005-5 R2).
- Validate integrity of hardware and software (i.e., aligned with the intent of NERC CIP-010-3 R1 and NERC CIP-006-6 R1 Part 10).

(iii) Endpoint and Server Security. Seller shall implement appropriate endpoint and server security processes and practices commensurate with the level of risk as determined by periodic risk assessments:

- Mechanisms to identify vulnerabilities and apply security patches in a timely manner (i.e., aligned with the intent of NERC CIP-007-6 R2).
- Malware defense and anti-phishing capabilities (i.e., aligned with the intent of NERC CIP-007-6 R3).
- Access Controls to enforce the least privilege principle and provide access to resources only for authorized users (i.e., aligned with the intent of NERC CIP-004-6 R4).
- Secure authentication mechanisms including multi-factor authentication for systems with higher risk exposure (i.e., aligned with the intent of NERC CIP-007-6 R5 and NERC CIP-005-5 R2).

- Data confidentiality, protection, and encryption technologies for endpoints, servers, and mobile devices (i.e., aligned with the intent of NERC CIP-011-2 R1 and NERC CIP-005-5 R2).

Seller shall (consistent with the following sentence) ensure that no malicious software ("Malware") or unauthorized code is introduced into any aspect of the Facility, Interconnection Facilities, the Company Systems interfacing with the Facility and Interconnection Facilities, and any of Seller's critical control systems or processes used by Seller to provide energy, including the information, data and other materials delivered by or on behalf of Seller to Company, (collectively, the "Environment"). Seller shall periodically review, analyze and implement improvements to and upgrades of its Malware prevention and detection programs and processes that are commercially reasonable and consistent with the then current technology industry's standards and, in any case, not less robust than the programs and processes implemented by Seller with respect to its own information systems.

- (iv) Cybersecurity Program. Seller shall establish and maintain a continuous cybersecurity program (i.e., aligned with the intent of NERC CIP-003-8) that enables the Seller (or its designated third party) to:
- (aa) Define the scope and boundaries, policies, and organizational structure of the cybersecurity program.
 - (bb) Conduct periodic risk assessments to identify the specific threats to and

vulnerabilities of the Seller's Organization consistent with guidance provided in NIST Special Publication 800-30 Rev. 1 "Guide for Conducting Risk Assessments".

- (cc) Implement appropriate mitigating controls and training programs and manage resources.
- (dd) Monitor and periodically test the cybersecurity program to ensure its effectiveness. Seller shall review and adjust their cybersecurity program as appropriate for any assessed risks.
- (ee) Applicability is extended to Cloud Service providers and other third-party services the Seller may use.
- (v) Security Monitoring and Incident Response. Company and Seller shall collaborate on security monitoring and incident response, define points of contact on both sides, establish monitoring and response procedures, set escalation thresholds, and conduct training (i.e., aligned with the intent of NERC CIP-008-6). Seller shall, at the request of Company or, in the absence of any request from Company, at least quarterly, provide Company with a report of the incidents that it has identified and describe measures taken to resolve or mitigate.

In the event that Seller discovers or is notified of a breach, potential breach of security, or security incident at Seller's Facility or of Seller's systems, Seller shall immediately (aa) notify Company of such potential, suspected or actual security breach, whether or not such breach has compromised any of Company's confidential information; (bb) investigate and promptly remediate the

effects of the breach, whether or not the breach was caused by Seller; (cc) cooperate with Company with respect to any such breach or unauthorized access or use; (dd) comply with all applicable privacy and data protection laws governing Company's or any other individual's or entity's data; and (ee) to the extent such breach was caused by Seller, provide Company with reasonable assurances satisfactory to Company that such breach, potential breach, or security incident shall not recur. Seller shall provide documentation to Company evidencing the length and impact of the breach. Any remediation of any such breach will be at Seller's sole expense.

If malicious software or unauthorized code is found to have been introduced into the Environment, Seller will promptly notify Company. Seller shall take immediate action to eliminate and remediate the effects of the Malware, at Seller's expense. Seller shall not modify or otherwise take corrective action with respect to the Company Systems except at Company's request. Seller shall promptly report to Company the nature and status of all efforts to isolate and eliminate malicious software or unauthorized code.

- (vi) Monitoring and Audit. Seller shall provide information on available audit logs and reports relating to cyber and physical security (i.e., aligned with the intent of NERC CIP-007-6 R4). Company may audit Seller's records to ensure Seller's compliance with the terms of this Section 1(b)(iii)G (Cybersecurity and Critical Infrastructure Protection) of this Attachment B (Facility Owned by Seller), provided that Company has provided reasonable notice to Seller and

any such records of Seller's will be treated by Company as confidential.

(vii) Contingency Plans. Seller shall implement and maintain a business continuity plan, a disaster recovery plan, and an incident response plan ("Contingency Plans" - i.e., aligned with the intent of NERC CIP-009-6) appropriate for the level of risk based on the impact of Seller's associated facilities, systems and equipment, which, if destroyed, degraded, misused, or otherwise rendered unavailable, would affect the reliable operation of the Company System. The Contingency Plans shall be provided to Company upon request. Such Contingency Plans shall be updated to reflect lessons learned from real recovery events.

(viii) Supply Chain Risk Management. Seller shall implement and maintain a supply chain risk management plan with implementation of appropriate security controls (i.e., aligned with the intent of NERC CIP-013-1). Controls should address the following security considerations: (1) software integrity and authenticity; (2) vendor remote access; (3) information system planning; and (4) vendor risk management and procurement controls.

H. Available Power Production. Seller's maximum and minimum available instantaneous active power (MW) at the point of interconnection, considering state of charge be supplied as an accurate representation of the range of active power available for dispatch at the Point of Interconnection and the duration available at the current dispatch. The minimum limit will be negative when the BESS has charging capacity available to be charged, and the

maximum limit will be positive when the BESS has stored energy available for export.

- I. The Facility shall, at a minimum, satisfy the wind load and seismic load requirements of the International Building Code and any more stringent requirements imposed under applicable Laws.

- (c) Design Drawings, Bill of Material, Relay Settings and Fuse Selection. Seller shall provide to Company for its review the design drawings, Bill of Material, relay settings and fuse selection for the Facility, and Company shall have the right, but not the obligation, to specify the type of electrical equipment, the interconnection wiring, the type of protective relaying equipment, including, but not limited to, the control circuits connected to it and the disconnecting devices, and the settings that affect the reliability and safety of operation of Company's and Seller's interconnected system. Seller shall provide the relay settings and protection coordination study, including fuse selection and AC/DC Schematic Trip Scheme (part of design drawings), for the Facility to Company during the 60% design. Company, at its option, may, with reasonable frequency, witness Seller's operation of control, synchronizing, and protection schemes and shall have the right to periodically re-specify the settings. Seller shall utilize relay settings prescribed by Company, which may be changed over time as Company System requirements change.
- (d) Disconnect Device. Seller shall provide a manually operated disconnect device which provides a visible break to separate Facility from Company System. Such disconnect device shall be lockable in the OPEN position and be readily accessible to Company personnel at all times.
- (e) Other Equipment. Seller shall install, own and maintain the infrastructure associated with the Revenue Metering Package, including but not limited to all enclosures (meter cabinets, meter pedestals, meter sockets, pull boxes, and junction boxes, along with their grounding/bonding connections), CT/PT mounting structures, conduits and ductlines, enclosure support

structures, ground buses, pads, test switches, terminal blocks, isolation relays, telephone surge suppressors, and analog phone lines (one per meter), subject to Company's review and approval.

(f) Maintenance Plan. Seller shall maintain Seller-Owned Interconnection Facilities in accordance with Good Engineering and Operating Practices.

(g) Active Power Control Interface. **[COMPANY MAY REVISE THIS SECTION BASED ON SPECIFICS OF THE PROJECT.]**

(i) Seller shall provide and maintain in good working order all equipment, computers and software associated with the control system (the "Active Power Control Interface") necessary to interface the BESS active power charging or discharging from the Company System Operations Control Center for dispatch of the Facility by the Company System Operator.

The detailed design will be tailored to the specific resource type and configuration to achieve the functional requirements of the Facility.

The Active Power Control Interface will be used to control the net real power export (or import, as applicable) from the Facility for load following, system balancing, energy arbitrage, and/or supplemental frequency control as required under this Attachment B (Facility Owned by Seller).

The implementation of the Active Power Control Interface will allow the Company System Operator to provide a dispatch setpoint to control the target net real power export to the grid (BESS discharging) or net import (BESS charging). The Company may dispatch at any level between the minimum and maximum available active power dispatch limits provided by the Facility through telemetry. The dispatch will typically be done remotely from the Company System Operations Control Center through the remote control capability. The Facility will maintain the dispatch, subject to the BESS State of Charge, with consideration of the primary frequency response.

The Facility net active power will deviate from the dispatch setpoint for any change in frequency in accordance with the frequency response requirements provided in this Attachment B (Facility Owned by Seller).

- (ii) Company shall review and provide prior written approval of the design for the Active Power Control Interface to ensure compatibility with Company's centralized control systems and use of Facility available energy and storage capabilities. To ensure such continued compatibility, Seller shall not materially change the approved design without Company's prior review and written approval. This will include design description and parameters for the Seller's control system(s), for the charging/discharging of the BESS storage, in response to the Active Power Control dispatch.
- (iii) The Active Power Control Interface shall include, but not be limited to, a demarcation cabinet, ancillary equipment and software necessary for Seller to connect to Company's Telemetry and Control, located in Company's portion of the Facility switching station which shall provide the control signals to the Facility and send feedback status to the Company System Operations Control Center. The control type may be analog output (set point) or raise/lower controls and will be established by the Company prior to final design approval.
- (iv) The Active Power Control Interface shall also include provision for feedback points from the Facility indicating active power target in MW for the Active Power Control signal(s). The Facility shall provide the MW target feedback to the Company SCADA system immediately upon receiving the respective control signal from the Company.
- (v) Seller shall provide to the telemetry interface analogs for the gross active power into or out of the BESS, in addition to the total net AC instantaneous MW at the Point of Interconnection.
- (vi) The Active Power Control Interface shall provide for remote control of the real-power output of the

Facility by the Company at all times. If the Active Power Control Interface is unavailable or disabled, the Facility may not export electric energy to Company and the Facility shall be deemed to be in Seller-Attributable Unavailability status, unless the Company, in its sole discretion, agrees on an alternate means of dispatch. If Seller fails to provide such remote control capability (whether temporarily or throughout the Term), then, notwithstanding any other provision of this Attachment B (Facility Owned by Seller), Company shall have the right to derate or disconnect the entire Facility during those periods that such control capability is not provided and the Facility shall be deemed to be in Seller-Attributable Unavailability status for such periods.

(vii) The Ramp Rate at which the Facility changes net real power in response to Company dispatch via the active power control shall not be less than the greater of 4 MW per minute or 10% of the Facility capacity per minute, and shall make available through agreed parameters, such faster Ramp Rate as the installed equipment can support. The Facility's Active Power Control Interface will be used by Company to control the rate at which the active power output is changed for load-following and regulation. The Facility will respond to the active power control request immediately with an echo of the set point and measurable change within the specified control cycle (0.5 to 4 seconds).

(viii) The Facility shall accept the following controls related to active power and frequency response to or from the Company centralized control system:

- Power Reference Setpoint from Company (based on the input to the Facility, from the Active Power Control Interface): The Facility output shall match this setting from the BESS State of Charge. This net output should be accurate within +/- 0.05 MW under normal frequency conditions. The actual BESS active power will be modified from this setpoint as appropriate in the controls by the appropriate frequency response consistent with Section 1(g) (xi)

(Active Power - Frequency Response (DROOP)),
Section 1(g)(xii) (Dynamic Active Power -
Frequency Performance), and **[FOR FACILITIES
WITH STORAGE]** Section 1(g)(xiii) (Alternate
Active Power / Frequency Response Modes) of
this Attachment B (Facility Owned by Seller).

- From Company: Frequency Response Mode (DROOP, isochronous).
 - From Seller:
 - Dispatch limits (Available maximum and minimum dispatch limit in MW considering state of charge; which represents the maximum and minimum net instantaneous active power for the Facility for the BESS State of Charge and equipment conditions. These values are used for the range of Company Dispatch.
 - BESS potential:
 - BESS State of Charge
 - Projected number of hours at present dispatch
 - Projected number of hours at minimum dispatch
 - Projected number of hours at maximum dispatch.
 - Frequency Response Mode (DROOP, isochronous).
- (ix) Seller shall not override Company's active power controls without first obtaining specific approval to do so from the Company System Operator unless there is a system emergency. Disabling of the remote Active Power Control shall initiate telemetry notification to the Company.
- (x) The requirements of the Active Power Control Interface may be modified as mutually agreed upon in writing by the Parties.

Active Power Communications between Company and Seller

Company will receive and send telemetry and control data through the communications interface in accordance with Company standards. The data points covered under this Agreement, as described below, may overlap with data requirements described elsewhere.

Automatic Generation Control (AGC) Data Points to be sent from Seller to Company via SCADA

In addition to the items listed above, the following data points will be transmitted via SCADA or similar control system from Seller to Company and represent Facility level data **[Note: Data is representative and may be modified based on resource type and Facility requirements]:**

<u>Description</u>	<u>Units</u>
Power Reference Set-Point (echo)	MW
Auxiliary Power demand	MW
Actual power output at POI	MW
Maximum available active power at POI (upper dispatch limit)	MW
Minimum available active power at POI (lower dispatch limit)	MW
Actual reactive power at POI	Mvars
Average 3 phase Voltage at the POI	Kv
BESS State of Charge	Pct
Facility duration at current output	HRS
Facility duration at maximum Dispatch Limit (positive, and represents maximum export if there is	HRS

charged capacity available)	
Facility duration at minimum Dispatch Limit (negative, and represents maximum import if there is charging capacity)	HRS
Active Power Control Status	Remote/Local
Indication of Frequency Response Mode	Integer Droop, ISOCH

Response times and limitations of Facility in regards to Active Power Control

The following protocols outline the expectations for responding to the Power Reference Set-Point.

Frequency of Changes. Company may send a new Active Power Reference Set-Point to the Facility at up to the AGC control cycle (between 0.5 and 4 seconds).

Range of Power Reference Set-Point. The range of set point values must allow dispatch between BESS charging and discharging at the BESS Contract Capacity (MW) or to the maximum and minimum dispatch limits (Dispatch Limits), whichever magnitude is greater.

The response time of the Facility to commanded active and reactive power setpoints provided by the Company System Operator shall be within specified control cycle. Reaction time is defined as the time interval between the moment of the receiving external control setpoints for active power and voltage control/reactive power from the Company System Operator and the moment when the Facility active and reactive power reach the target (as measured at the POI).

Backup Communications

In the event of an Active Power Communications failure, Company and Seller shall communicate via telephone, or other method mutually agreeable between the Parties, in order to correct the failure.

(xi) Active Power - Frequency Response (DROOP).

The Facility shall provide a primary frequency response with a frequency droop characteristic reacting to system frequency at the Point of Interconnection in both the overfrequency and underfrequency directions except as limited by the minimum and maximum available capacity and energy potential at the time of the event including BESS state of charge. This response must be timely and sustained rather than injected for a short period and then withdrawn, modified only by Company dispatch. For over-frequency events, response may include absorption through charging (as applicable under the terms of this Agreement). Seller shall provide minimum operational limits for each online resource and the Facility for primary frequency response.

Frequency will be calculated over a period of time (e.g., three to six cycles, or other period as specified by Company), and filtered to take control action on the fundamental frequency component of the calculated signal. Calculated frequency may not be susceptible to spikes caused by phase jumps on the Company system.

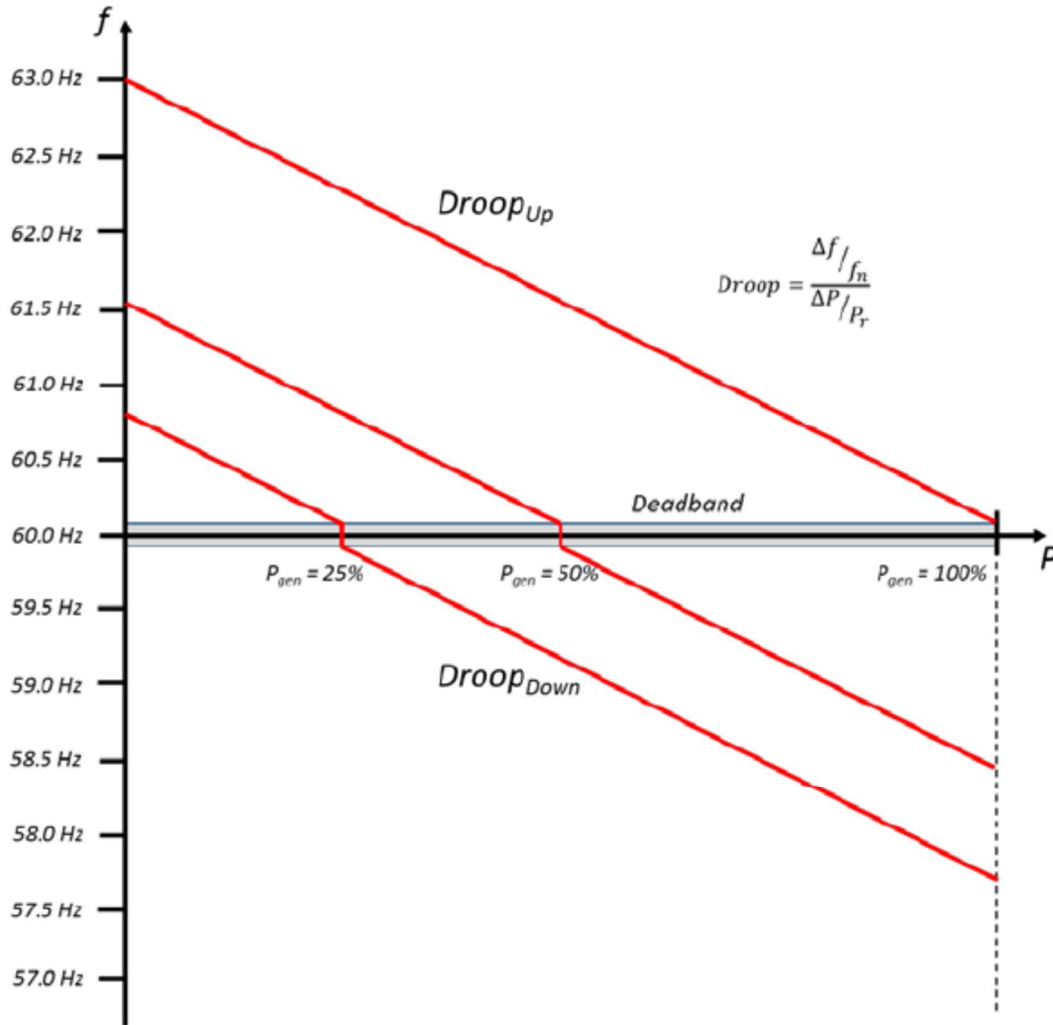
The active power-frequency control system, and overall response of the inverter-based resource (plant), must meet the following performance aspects (see figure below):

The active power-frequency control system shall have an adjustable proportional droop characteristic with a default value of [4%] percent. The droop setting shall permit a setting from 0.1% to 10%. This setting shall be changed upon Company's written request as necessary for grid droop response coordination. The droop

setting shall be tunable and may be specified during commissioning. The droop shall be a permanent value based on Pmax (Net Nameplate Capacity) and 0. This keeps the proportional droop constant across the full range of operation and shares the burden fairly across all frequency responsive resources. The curve for an inverter-based BESS may include the negative active power quadrant of this curve but the droop slope is to be based on the minimum output of 0 MW (Pmin). The droop response must include the capability to respond in both the upward (underfrequency) and downward (overfrequency) directions. Frequency droop will be based on the difference between Net Nameplate Capacity (Pmax) and zero output (Pmin) such that the [4%] percent droop line is always constant for a resource.

Seller shall make commercially reasonable efforts to provide frequency response without a deadband, but in any case, not to exceed +/- 0.0166 Hz. If the active power-frequency control system has a deadband, it shall be a nonstep deadband that is adjustable between 0 Hz and the full frequency range of the droop characteristic with a default value 0.0332 Hz and centered at nominal frequency of 60 Hz (i.e. 59.9834 Hz to 60.0166 Hz). Nonstep deadband is where the change in active power output starts from zero deviation on either side of the deadband. Frequency deadband is the range of frequencies in which the unit does not change active power output.

Inverter-based resources may consider a small hysteresis characteristic where linear droop meets any deadband to reduce dithering of inverter output when operating near the edges of the deadband. The hysteresis range may not exceed ± 0.005 Hz on either side of the deadband. If measurement resolution is not sufficient to measure this frequency, hysteresis may not be used.



Active Power - Frequency Control Characteristic

Nominal System Frequency is 60.00 Hz.

The closed-loop dynamic response of the active power-frequency control system of the overall inverter-based resources, as measured at the POI must have the capability to meet or exceed the performance specified below. Seller shall ensure that the models and parameters for the resources and control equipment are consistent with those provided during the IRS process and that any updates have been provided to the Company reflecting currently implemented settings and configuration.

(xii) Dynamic Active Power-Frequency Performance.

The Dynamic Active Power-Frequency Performance described in this Section (xii) shall be interpreted consistent with IEEE 2800-2022. In the event of a conflict between IEEE 2800-2022 and the terms of this Section, the terms of this Section will control. These parameters may be adjusted following additional study and/or operational testing and performance. **[NOTE - PERFORMANCE PARAMETERS DESCRIBED HERE IN MAY BE ADJUSTED AS THE RESULT OF THE IRS TO PROVIDE A STABLE RESPONSE]:**

For a step change in frequency at the point of measure of the inverter-based resource:

Reaction time: The time between a step change in frequency and the time when the resource active power output begins responding to the change shall be less than 200 milliseconds, or as otherwise specified by Company.¹

Rise time: The time when the resource has reached 90% of the new steady-state (target) active power output shall be less than 2 seconds, or as otherwise specified by Company.²

Settling Time: Time in which the resource has entered into, and remains within, the settling band of the new steady-state active power (target) output shall be less than 10 seconds, or as otherwise specified by Company.

Overshoot: Percentage of the rated active power output that the resource can exceed while reaching the settling band shall be less than 5% or as otherwise specified by Company.³

¹ Time between step change in frequency and the time to be within 10 percent of new steady-state value can be used as a proxy for determining this time.

² Percentage based on final (expected) settling value.

³ Percentage based on final (expected) settling value.

Settling Band: Percentage of rated active power output that the resource should settle to within the settling time shall be less than 2.5%.

Damping Ratio: Any oscillations in the response shall be positively damped with a damping ratio not less than three tenths (0.3). The response should strive to achieve a damping ratio of one (1) while minimizing rise time and settling time.

When operating in parallel with the Company System, the Facility shall operate with its primary frequency response control in automatic operation and in accordance with Company directions. Notification of changes in the status of the frequency response controls and, where applicable, mode of operation must be provided to the Company System Operator immediately through SCADA telemetry indication.

The Facility frequency response control shall adjust, without intentional delay and without regard to the Ramp Rate limits in Section 3(c) (Ramp Rates) of this Attachment B (Facility Owned by Seller), the Facility's net real power export based on frequency deadband and frequency droop settings specified by the Company.

The Facility frequency response control shall increase the net real power export above the Power Reference Set-point set under Section 1(g)(viii) of this Attachment B (Facility Owned by Seller) or further decrease the net real power export from the Power Reference Set-point in its operations in accordance with the frequency response settings.

The Facility frequency response control shall be in continuous operation unless directed otherwise by the Company.

- (xiii) Alternate Active Power/ Frequency Response Modes. The Facility will provide the capability to supply isochronous mode of operation to facilitate black start from the Facility. The control design shall allow for a bumpless transfer between modes of operation.

A. [RESERVED]

B. Isochronous / Black Start: The Facility will be capable of operating in a zero droop (isochronous) mode of operation. When in this mode of operation, the frequency droop characteristic will be configured as needed to keep system frequency at a target. When isochronous mode of operation is selected while connected to the live system the target frequency shall be initialized to the grid frequency and the target increased or decreased from the Company System through the control interface. In a black start configuration, the target shall be 60 Hz.

(h) Control System Acceptance Test Procedures.

(i) Conditions Precedent. The following conditions precedent must be satisfied prior to conducting the Control System Acceptance Test:

- Successful completion of the Acceptance Test.
- Facility has been successfully energized.
- All of the Facility's BESS equipment has been fully commissioned.
- The control system computer has been programmed for normal operations.
- All equipment that is relied upon for normal operations (including ancillary devices such as capacitors/inductors, energy storage device, statcom, etc.) shall have been commissioned and be operating within normal parameters.

(ii) Facility Energy Equipment. In the event that all or any portion of the Facility's energy equipment is not available for the duration of the Control System Acceptance Test, the Control System Acceptance Test will have to be re-run from the beginning unless Seller demonstrates to the satisfaction of the Company that the test results

attained are consistent with the results that would have been attained if all of the equipment had been available for the duration of the test.

(iii) Procedures. The Control System Acceptance Test will be conducted on Business Days during normal working hours on a mutually agreed upon schedule. No Control System Acceptance Test will be scheduled during the final 21 Days of a calendar year. No later than thirty (30) Days prior to conducting the Control System Acceptance Test, Company and Seller shall agree on a written protocol setting out the detailed procedure and criteria for passing the Control System Acceptance Test. Attachment O (Control System Acceptance Test Criteria) provides general criteria to be included in the written protocol for the Control System Acceptance Test. Within fifteen (15) Business Days of completion of the Control System Acceptance Test, Company shall notify Seller in writing whether the Control System Acceptance Test(s) has been passed and, if so, the date upon which such Control System Acceptance Test(s) was passed. If any changes have been made to the technical specifications of the Facility or the design of the Facility in accordance with Section 5(g) of Attachment A (Description of Storage Facility), such changes shall be reflected in an amendment to this Agreement, and the written protocol for the Control Systems Acceptance Test shall be based on the Facility as modified. Such amendment shall be executed prior to conducting the Control System Acceptance Test and Company shall have no obligation for any delay in performing the Control Systems Acceptance Test due to the need to complete and execute such amendment.

(i) Facility Security and Maintenance. Seller is responsible for securing the Facility. Seller shall have personnel available to respond to all calls related to security incidents and shall take commercially reasonable efforts to prevent any security incidents. Seller is also responsible for maintaining the Facility, including vegetation management, to prevent security breaches. Seller shall comply with all commercially reasonable requests of Company to update security and/or maintenance if required to prevent security breaches.

- (j) Demonstration of Facility. Company shall have the right at any time, other than during maintenance or other special conditions communicated by Seller, to notify Seller in writing of Seller's failure, as observed by Company and set forth in such written notice, to meet the operational and performance requirements specified in Section 1(b)(iii)(I), Section 1(g) (Active Power Control Interface) and Section 3 (Performance Standards) of this Attachment B (Facility Owned by Seller), and to require documentation or testing to verify compliance with such requirements. Upon receipt of such notice, Seller shall promptly investigate the matter, implement corrective action and provide to Company, within thirty (30) Days of such notice, a written report of both the results of such investigation and the corrective action taken by Seller; provided, that, if thirty (30) Days is not a reasonable time period to investigate the matter, implement corrective action and provide such written report, Seller shall complete the foregoing within such longer commercially reasonable period of time agreed to by the Parties in writing. If the Seller's report does not resolve the issue to Company's reasonable satisfaction, the Parties shall promptly commission a study to be performed by one of the engineering firms then included on the Qualified Independent Third-Party Consultants List attached to the Agreement as Attachment D (Consultants List) to evaluate the cause of the non-compliance and to make recommendations to remedy such non-compliance. Seller shall pay for the cost of the study. The study shall be completed within ninety (90) Days, unless the selected consultant determines such study cannot reasonably be completed within ninety (90) Days, in which case, such longer period of time as the selected consultant determines is necessary to complete such study shall apply. The consultant shall send the study to Company and Seller. Seller (and/or its Third-Party consultants and contractors), at Seller's expense, shall take such action as the study shall recommend with the objective of resolving the non-compliance. Such recommendations shall be implemented by Seller to Company's reasonable satisfaction no later than forty-five (45) Days from the Day the completed study is issued by the consultant, unless such recommendations cannot reasonably be implemented within forty-five (45) Days, in which case, Seller shall implement such recommendations within such longer commercially

reasonable period of time agreed to by the Parties in writing. Failure to implement such recommendations within this period shall constitute a material breach of this Agreement. The Company shall have the right to declare the Facility derated and in Seller-Attributable Unavailability status until the Seller's aforementioned written report has been completed, any subsequent study commissioned by the Parties has been completed and any recommendations to resolve the non-compliance have been implemented to Company's reasonable satisfaction.

2. Operating Procedures. **[NOTE: NUMERICAL SPECIFICATIONS IN THIS SECTION 2 MAY VARY DEPENDING ON THE SPECIFIC PROJECT AND THE RESULTS OF THE PROJECT-SPECIFIC INTERCONNECTION REQUIREMENT STUDY.]**

- (a) Reviews of the Facility. Company may require periodic reviews of the Facility, maintenance records, available operating procedures and policies, and relay settings, and Seller shall implement changes Company deems necessary for parallel operation or to protect the Company System from damages resulting from the parallel operation of the Facility with the Company System.
- (b) Separation. Seller must separate from the Company System whenever requested to do so by the Company System Operator pursuant to Article 8 (Company Dispatch) and Article 9 (Personnel and System Safety) of the Agreement.
- (c) Seller Logs. Logs shall be kept by Seller for information on unit availability including reasons for planned and forced outages, circuit breaker trip operations, relay operations, including target initiation, and other unusual events. Company shall have the right to review these logs, especially in analyzing system disturbances. Seller shall maintain such records for a period of not less than six (6) years.
- (d) Reclosing and Return to Service. Under no circumstances shall Seller, when separated from the Company System for any reason, including tripping during disturbances or due to equipment failure, reclose into the Company System without first obtaining specific approval to do so from the Company System Operator. Ramp Rates, behavior and mode of operation upon return to service

shall conform to verbal instructions from the System Operator or Active Power control from Company. Following local or system wide black outage conditions, the Facility shall not attempt to automatically reconnect to the grid (unless directed by the Company System Operator) so as to not interfere with Company System Operator system restoration procedures.

- (e) Reserved.
- (f) Reserved.
- (g) Critical Infrastructure Protection. Seller shall comply with the critical infrastructure protection requirements set forth in Section 1(b)(iii)(G) of this Attachment B (Facility Owned by Seller).
- (h) Allowed Operations. Facility shall be allowed to export energy to the Company System only when the [_____] circuit is in normal operating configuration served by breaker [_____] at [_____] Substation. **[TO BE DETERMINED BY COMPANY BASED ON THE RESULTS AND REQUIREMENTS OF THE IRS]**

3. Performance Standards.

- (a) Reactive Power Control. Seller shall normally control its reactive power by automatic voltage regulation control. Seller shall automatically regulate voltage at a point, the point of regulation, between the Seller's generator terminal and the Point of Interconnection to be specified by Company, to within 0.5% of a voltage or power factor specified by the Company System Operator to the extent allowed by the Facility reactive power capabilities as defined in Section 3(b) (Reactive Power Characteristics) of this Attachment B (Facility Owned by Seller).
- (b) Reactive Power Characteristics. **[THESE REQUIREMENTS MAY BE CHANGED BY COMPANY UPON COMPLETION OF THE IRS.]**
 - (i) The Facility shall have sufficient equipment so that the Facility will have the ability to deliver or receive, at the Point of Interconnection, dynamic reactive power with a capability of +/- **[TBD by IRS, at minimum a value of 0.3287]** times Contract Capacity (in units of

MVAR) at all active power levels including zero active power, as illustrated in the **[BESS capability]** curve(s) attached to this Agreement as Exhibit B-2 [to be updated by IRS], which represents the Facility Composite (Energy Storage Capability Curve(s)), including automatic voltage control within the same reactive capability while acting as a load (charging, negative active power generation). Full dynamic reactive power capability shall be maintained within the continuous operating range of 0.80 Vpu to 1.10 Vpu at the Point of Interconnection. The automatic voltage control aspects of the BESS shall be seamless across the transition from acting as a generating resource to acting as a load. The Facility must be capable of automatically adjusting reactive control to maintain the bus voltage at the Point of Interconnection to meet the scheduled voltage set point target specified by the Company System Operator and be capable of supplying reactive power in accordance with the **[BESS capability]** curve(s) attached to this Agreement as Exhibit B-2 including capability to continue to provide reactive compensation at all active power outputs down to zero active power. The voltage target will be specified remotely by the Company System Operator through SCADA. The Facility's voltage set point target must reflect the Company voltage set point target controlled from SCADA, without delay. The Facility should not normally operate on a fixed var or fixed power factor unless agreed by Company. The voltage setpoint target and present Facility minimum and maximum reactive power limits based on the Facility Composite capability curve shall be provided to the Company SCADA through Company's Telemetry and Control.

- (ii) The Facility shall contain equipment able to continuously and actively control the output of reactive power under automatic voltage regulation control reacting to system voltage changes. The response requirements are differentiated for large and small signal disturbance performance characteristics. Small signal disturbances are those that reflect normal variations under non-

disturbance conditions, the continuous operation range for voltage ride through: $0.80 \text{ pu} \leq V \leq 1.10 \text{ pu}$ at the point of interconnection. Large disturbance is where the voltage at the point of interconnection falls outside the continuous operating range.

- (iii) For small signal disturbances, reaction time between the step change in voltage and the reactive power change shall be less than 200 msec (no intentional time delay). The automatic voltage regulation response speed at the point of regulation shall be such that at least 90% of the initial voltage correction needed to reach the voltage control target will be achieved within 1 second following a step change. The percentage of rated reactive power output that the resource can exceed while reaching the settling band shall be less than five percent (5%). Any oscillations in the response shall be positively damped with a damping ratio not less than three tenths (0.3). The response should strive to achieve a damping ratio of one (1) while minimizing rise time and settling time.
- (iv) Large disturbances: Large disturbances are characterized by voltage falling outside of the continuous operating range. The Facility shall adhere to the following characteristics for large disturbances:

The response over Facility full operating range and for all expected grid conditions should be stable. The dynamic performance of each resource should be tuned to provide this stable response. Company will work with Seller to ensure during the interconnection process that each resource supports Company System reliability and provides a stable transient response to grid events.

[Note - The performance specifications described here may need to be modified based on studies performed for specific interconnections to provide a stable response.]

The BESS shall operate in closed loop automatic voltage control at all times to support voltage regulation and voltage stability. Either the

individual inverters or the plant-level closed loop automatic voltage controller must operate with a relatively fast response characteristic to mitigate steady-state voltage issues from causing dynamic voltage collapse. The plant-level controller may send voltage or reactive power set point changes to the individual inverters relatively fast, or the inverters will respond locally (depending on control architecture).

For a large disturbance step in voltage, measured at the inverter terminals, where voltage falls outside the continuous operating range, the positive sequence component of the inverter reactive current response must meet the performance specifications set forth below. These parameters may be adjusted following additional study and/or operational testing and performance.

Reaction time: Time between the step change in voltage and when the resource reactive power output begins responding to the change. The reaction time shall be less than 16 msec.

Rise time: Time between a step change in control signal input and when the reactive power output changes by 90 percent of its final value. The rise time shall be less than 100 msec.

Overshoot: Percentage of rated reactive current output that the resource can exceed when reaching the settling band. Overshoot will be determined following the IRS such that any overshoot in reactive power response does not cause Company System voltages to exceed acceptable voltage limits. The magnitude of the dynamic response may be requested to be reduced based on stability studies or actual operational data review.

Damping Ratio: Any oscillations in the response shall be positively damped with a damping ratio not less than three tenths (0.3). The response should strive to achieve a damping ratio of one (1) while minimizing rise time and settling time.

If the Facility does not operate in accordance with Section 3(b) (Reactive Power Characteristics) of this Attachment B (Facility Owned by Seller), Company may disconnect all or a part of Facility from Company System until Seller corrects its operation (such as by installing supplemental reactive power equipment or additional controls modifications, at Seller's expense).

(c) Ramp Rates.

Seller active power changes shall not exceed 2 MW per minute for all conditions not in response to Company dispatch or grid frequency. The 2 MW/minute change would apply for example to local shutdown for an alarm condition, depletion of storage charge and resource, locally controlled startup and shut down, and any other scenarios where the change in active power is not as directed under control of the Company System Operator or desired frequency response.

(d) Ride-Through.

Ride-Through requires that the resource continues to inject current within the "No Trip" zone of the voltage and frequency ride-through requirements. Resources should not use "momentary cessation" within the ride-through regions for any of the ride-through requirements in this Attachment B (Facility Owned by Seller). In the "may trip" regions, the Facility shall initiate trip for over/under voltage and frequency conditions only as required for Facility equipment operating limits to avoid damage. Any such limits of operation should be conveyed to the Company and represented in the provided models.

(e) Undervoltage Ride-Through.

The Facility, as a whole, will meet the following undervoltage ride-through requirements during low voltage affecting one or more of the three voltage phases ("V" is the voltage of any three voltage phases at the Point of Interconnection). For alarm conditions the Facility shall not disconnect from the Company System unless the Facility's equipment is at risk of damage. This is necessary in order to coordinate with

the existing Company System. **[THESE VALUES MAY BE CHANGED BY COMPANY UPON COMPLETION OF THE IRS. WITHOUT LIMITATION, FOR A DISTRIBUTION-CONNECTED FACILITY, UPON COMPLETION OF THE IRS THE COMPANY MAY SPECIFY REQUIREMENTS FOR A MANDATORY DISCONNECTION FROM THE COMPANY SYSTEM.]**:

0.80 pu \leq V \leq 1.00 pu	The Facility remains connected to the Company System and in continuous operation.
0.70 pu \leq V < 0.80 pu	The Facility remains connected to the Company System and in continuous operation for a minimum of 20 seconds per event (while "V" remains in this range).
0.40 pu \leq V < 0.70 pu	The Facility remains connected to the Company System and in continuous operation for a minimum of 10 seconds per event (while "V" remains in this range).
0.00 pu \leq V < 0.40 pu	The Facility remains connected to the Company System and in continuous operation for a minimum of 600 milliseconds per event (while "V" remains in this range).

The Facility may initiate an alarm if "V" remains in a ride-through range for more than the specified minimum ride-through duration; the duration of the event is measured from the point at which the voltage drops below the upper threshold of a ride-through range and ends when the voltage is at or above the threshold. The 600 milliseconds represents a delayed clearing time of 30 cycles plus breaker opening time.

Protective Undervoltage Relaying (27) shall be set to alarm only to meet the above ride-through requirements, and shall not initiate a disconnect from the Company System unless Seller reasonably determines based upon Good Engineering and Operating Practices that the Facility's equipment is at risk of damage. This is necessary in order to coordinate with the existing Company System.

Seller shall be able to fulfill the above mentioned requirements to ride-through subsequent events 300 cycles or more apart, between which the voltage at the Point of Interconnection recovers above 0.80 pu. **[THE ACTUAL RIDE-THROUGH TIMES WILL BE DETERMINED BY COMPANY IN CONNECTION WITH THE IRS]**

(f) Over Voltage Ride-Through.

The overvoltage protection equipment at the Facility shall be set so that the Facility will meet the following overvoltage ride-through requirements during high voltage affecting one or more of the three voltage phases (as described below) ("V" is the voltage of any of the three voltage phases at the Point of Interconnection). For alarm conditions the Facility should not disconnect from the Company System unless the Facility's equipment is at risk of damage. This is necessary in order to coordinate with the existing Company System. **[THESE VALUES MAY BE CHANGED BY THE COMPANY UPON COMPLETION OF THE IRS. WITHOUT LIMITATION, FOR A DISTRIBUTION-CONNECTED FACILITY, UPON COMPLETION OF THE IRS THE COMPANY MAY SPECIFY REQUIREMENTS FOR A MANDATORY DISCONNECTION FROM THE COMPANY SYSTEM AT $V > 1.2$ pu. RIDE-THROUGH REQUIREMENTS FOR OTHER SYSTEMS WILL BE DETERMINED IN THE IRS.]**

$1.00 \text{ pu} < V \leq 1.10 \text{ pu}$ The Facility remains connected to the Company System and in continuous operation.

$1.10 \text{ pu} < V \leq 1.20 \text{ pu}$ The Facility remains connected to the Company System and in continuous operation no less than 30 seconds; the duration of the event is measured from the point at which the voltage increases at or above 1.1 pu and ends when voltage is at or below 1.1 pu.

$V > 1.20 \text{ pu}$ The Facility remains connected to the Company System and in continuous operation for as long as possible as allowed by

the equipment operational limitations.

Protective Overvoltage Relaying (59) shall be set to alarm only to meet the above ride-through requirements, and shall not initiate a disconnect from the Company System unless Seller reasonably determines based upon Good Engineering and Operating Practices that the Facility's equipment is at risk of damage. This is necessary in order to coordinate with the existing Company System.

(g) Transient Stability Ride-Through.

In all modes, the Facility shall be designed such that the transient stability of Company System is maintained for normally cleared and secondarily cleared faults. The Facility will be required to remain connected through anticipated rates of change of frequency. The Facility shall provide the options of being configured as active power priority or reactive power priority during the ride-through. The selection of the appropriate priority of the Facility shall be determined by the Interconnection Requirements Study. **[TO BE PROVIDED UPON COMPLETION OF IRS].**

(h) Short-term Overcurrent Capability.

The Facility shall be capable of providing a Short-Term Overcurrent Capability at least 1.6 times the steady-state current that would correspond to the Contract Capacity at nominal voltage at the Point of Interconnection, for a minimum of 5 seconds per event. The Short-Term Overcurrent Capability shall be available during system disturbances through any post disturbance system recovery stage to provide system stability support, during which the Facility net export can be temporarily above the Facility continuous net export limit. If the Facility has a Short-Term Overcurrent Capability greater than the 1.6 minimum provision, the entire Short-Term Overcurrent Capability must be made available to respond during system disturbances. The Facility short-term overcurrent capability is calculated by the formula:

Facility Short-Term Overcurrent Capability

$$= \text{Per Unit BESS Inverter Overcurrent Capability} \cdot \frac{\text{Total of BESS Inverters MVA}}{\text{Facility Contract Capacity (MW)}}$$

[TO BE PROVIDED UPON COMPLETION OF IRS].

During continuous operation and all ride-through conditions the Facility shall meet or exceed the following minimum requirements for current injection characteristics up to the equipment limits:

- (i) For balanced phase conditions, the Facility shall inject reactive current dependent on voltage at the Point of Interconnection. The difference between reactive current injection during a system disturbance and a pre-disturbance reactive current output is an incremental positive-sequence reactive current. The incremental positive-sequence reactive current shall not be negative (i.e. must increase the current independent of the pre-disturbance direction of positive-sequence reactive current). During a disturbance condition, i.e., operating in an off-nominal set-point voltage mode, priority shall be given to reactive current injection with any residual capacity being supplied as active current. **[TO BE PROVIDED UPON COMPLETION OF IRS].**
- (ii) For unbalanced phase conditions, in addition to increased positive-sequence reactive current, the Facility shall inject negative sequence current:
- Dependent on POI negative sequence voltage, and
 - That leads the POI negative sequence voltage by 90 degrees to 100 degrees.

Assuming pre-disturbance negative sequence current output is zero or negligible, the negative sequence reactive current injection during a disturbance is an incremental negative sequence reactive current. If the Facility equipment reaches an aggregate current limit, either positive sequence, or negative sequence, or both may be reduced with a preference of equal reduction in both currents. Additionally, the incremental positive-sequence reactive current injection shall not be reduced

below incremental negative sequence reactive current. The Facility shall be capable of injecting at minimum negative-sequence reactive current of 50% of its Short-Term Over Current Rating when the negative-sequence voltage is greater than or equal to 25% of nominal voltage at the Point of Interconnection.

(i) Underfrequency Ride-Through.

The Facility shall meet the following underfrequency ride-through requirements during an underfrequency disturbance, and export of power shall continue with output adjusted as appropriate for Facility droop response consistent with Section 1(g)(xi) (Active Power - Frequency Response (DROOP)), Section 1(g)(xii) (Dynamic Active Power - Frequency Performance), and **[FOR FACILITIES WITH STORAGE]** Section 1(g)(xiii) (Alternate Active Power / Frequency Response Modes) of this Attachment B (Facility Owned by Seller) ("f" is the Company System frequency at the Point of Interconnection):

$57.0 \text{ Hz} \leq f \leq 60.0 \text{ Hz}$

The Facility remains connected to the Company System and in continuous operation.

$56.0 \text{ Hz} \leq f < 57.0 \text{ Hz}$

The Facility remains connected to the Company System and in continuous operation for at least twenty (20) seconds per event. The duration of the event is from the point at which the frequency is below 57 Hz and ends when the frequency is at or above 57 Hz. The Facility may initiate an alarm if frequency remains in this range for more than twenty (20) seconds.

$f < 56.0 \text{ Hz}$

The Facility remains connected to the Company System and in continuous operation for the duration allowed by the equipment operational

limitations. The Facility may initiate an alarm immediately.

Protective Underfrequency Relaying (81U) shall be set to alarm only to meet the above ride-through requirements, and shall not initiate a disconnect from the Company System unless Seller reasonably determines based upon Good Engineering and Operating Practices that the Facility's equipment is at risk of damage. This is necessary in order to coordinate with the existing Company System.

Any tripping on calculated frequency should be based on accurately calculated and filtered frequency measurement over a time frame of minimum six cycles, or other period as specified by the Company, and should not use an instantaneously calculated value.

(j) Overfrequency Ride-Through.

The Facility will behave as specified below for overfrequency conditions, and export of power shall continue with output adjusted as appropriate for Facility droop response consistent with Section 1(g)(xi) (Active Power - Frequency Response (DROOP)), Section 1(g)(xii) (Dynamic Active Power - Frequency Performance), and **[FOR FACILITIES WITH STORAGE]** Section 1(g)(xiii) (Alternate Active Power / Frequency Response Modes) ("f" is the Company System frequency at the Point of Interconnection):

60.0 Hz < f ≤ 61.5 Hz	The Facility remains connected to the Company System and in continuous operation.
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61.5 Hz < f ≤ 63.0 Hz	The Facility remains connected to the Company System for at least ten (10) seconds. After ten seconds the Facility may initiate an alarm and the Facility remains connected and producing power for the duration allowed by the equipment operational limitations. The duration of condition is from the point at
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which the frequency is above 61.5 Hz and ends when the frequency is at or below 61.5 Hz.

$f > 63.0$ Hz

The Facility remains connected to the Company System for the duration allowed by the equipment operational limitations. The Facility may initiate disconnection from the Company System.

Protective Overfrequency Relaying (810) shall be set to alarm only to meet the above ride-through requirements, and shall not initiate a disconnect from the Company System unless Seller reasonably determines based upon Good Engineering and Operating Practices that the Facility's equipment is at risk of damage. This is necessary in order to coordinate with the existing Company System.

Any tripping on calculated frequency should be based on accurately calculated and filtered frequency measurement over a time frame of minimum six cycles, or other period as specified by the Company, and should not use an instantaneously calculated value.

(k) Successive Faults.

If the resource necessitates tripping to protect from the cumulative effects of those successive faults, in a period of time to ensure safety and equipment integrity, the constraint and time periods should be provided for inclusion in the interconnection study. For all cases, at a minimum, the ride-through requirements shall be met for two ride-through events within two seconds to allow for the Company's transmission automatic reclosing attempt. **[Note - this requirement may be modified based on the results of the IRS.]**

(l) Rate of Change of Frequency ("ROCOF").

At minimum, the Facility shall ride through and shall not trip for frequency excursions having an absolute rate of change of frequency ("ROCOF") magnitude that is

less than or equal to 5.0 Hz/s. To the extent the Facility inverter-based resources are capable, the Facility shall not use rate-of-change-of-frequency protection unless an equipment limitation exists that requires the inverter to trip on ROCOF magnitude greater than 5.0 Hz/s. Company should be informed by Seller about the equipment limitation of the ROCOF. Any ROCOF tripping must be approved by Company.

(m) Voltage Phase Angle Change Ride-Through.

(i) The Facility equipment shall ride through positive-sequence phase angle changes within a sub-cycle-to-cycle time frame of the voltage at the Point of Interconnection of less than or equal to 30 electrical degrees. In addition, the Facility shall remain in operation for any change in phase angle of individual phases caused by occurrence and clearance of unbalanced faults, provided that the positive-sequence angle change does not exceed the forestated criterion. Active and reactive current oscillations in the post-disturbance period that are positively damped shall be acceptable in response to phase angle changes. Momentary cessation in the post-disturbance period shall not be permitted.

(ii) Inverter phase lock loop (PLL) loss of synchronism shall not cause the inverter to trip or enter momentary cessation within the voltage and frequency ride-through region. Inverters must be capable of riding through temporary loss of synchronism, and regain synchronism, without causing a trip or momentary cessation of the resource.

(n) DC Protection.

If the Facility requires DC reverse current protection, such protection must be coordinated with the inverter equipment module ratings and set to operate for short circuits on the DC side. DC reverse current protection shall not operate for transient overvoltage or for AC-side faults.

(o) Voltage Flicker.

Any voltage flicker on the Company System caused by the Facility shall not exceed the limits stated in IEEE Standard 1453-2011, or latest version "Recommended

Practice - Adoption of IEC 61000-4-15:2010, Electromagnetic compatibility (EMC) - Testing and measurement techniques - Flickermeter - Functional and design specifications".

(p) Harmonics.

Harmonic distortion at the Point of Interconnection caused by the Facility shall not exceed the limits stated in IEEE Standard 519-1992, or latest version "Recommended Practices and Requirements for Harmonic Control in Electrical Power Systems". Seller shall be responsible for the installation of any necessary controls or hardware to limit the voltage and current harmonics generated from the Facility to defined levels.

(q) Grid Forming ("GFM") Capabilities. [FOR FACILITIES WITH STORAGE]

GFM control sets an internal voltage waveform reference such that an inverter with the GFM control shall be able to synchronize with the grid and regulate active and reactive power generation appropriately, regardless of the grid's strength, or operate independently of other generation. An inverter with GFM control shall immediately respond to grid disturbances to support stability of the grid and maintain its own control stability during the system disturbance.

Seller Facility inverters shall be designed with GFM control and capable of operating in GFM mode supporting system operation under normal and emergency conditions without relying on the characteristics of synchronous machines. While in GFM mode, the inverters will support grid operation, consistent with tariff requirements, as a continuous ac voltage source during normal and transient conditions (as long as no limits are reached within the inverter) and the ability to synchronize to other voltage sources and operate autonomously if a grid reference is unavailable, and should be able to share active and reactive power burden with other voltage sources without impacts on system stability.

Seller should provide information to the Company regarding control design, capabilities, characteristics, etc. of the GFM control of the Facility for Company

review and approval. Additional specifics of the GFM control may be defined during the IRS.

Specifically, the GFM controls shall have the following functions and characteristics:

- (i) Allow Seller Facility to operate in stable manner on low system strength grids (e.g. low short circuit ratio, low inertia, inertia-less system, etc.)
- (ii) Sets an internal voltage waveform reference and is able to synchronize with the grid or operate independently of other generation.
- (iii) Responds to system condition changes (i.e. frequency change and voltage change) beyond the control deadband in a timely manner by contributing towards the subsequent recovery of system frequency and voltage to the pre-disturbance value, assuming energy and power margins are available.
- (iv) Provide damping control function which damps oscillation within the interconnection and other adverse interactions among GFM and Grid Following ("GFL") Inverter Based Resources and other power electronic devices on the grid.
- (v) Upon the loss of the last synchronous machine in the power system, GFM will have the ability to operate autonomously if a grid reference is unavailable and be able to share active and reactive power burden with other voltage sources without impacts on system stability.
- (vi) Ability to transition from an electrical island to a grid-connect configuration without an impact to system stability.
- (vii) Provide active low-order harmonics cancellation (as applicable).
- (viii) Provide black-start capability (as applicable).
- (ix) Seller shall operate the Facility in GFM mode only as directed by the Company System Operator, in its sole discretion. The Facility shall be required to

communicate to the Company its parameters and settings pertaining to GFM mode.

- (x) The grid forming control block diagram shall be submitted to the Company for review. The design shall be approved in writing by the Company and implemented by the Seller prior to control system testing. This shall include initial settings for tunable controls parameters based on modeling. The initial control parameters may be modified by Seller on Company request; based on field data and performance, subsequent system resource changes, etc. to achieve acceptable system stability.
- (r) Black Start Capability. The BESS inverter shall be capable of grid forming "GFM" inverter control capability in accordance with Section 3(q) (Grid Forming "GFM" Capabilities) of this Attachment B (Facility Owned by Seller). Further, inverter-based resources shall ensure they have sufficient energy storage to maintain power injection to the grid during system restoration (i.e., have power available when and if called upon). **[TO BE SPECIFIED DURING THE IRS]** Inverter based facilities shall be capable of support as a black start cranking path to start synchronous generators for restoration when sufficient energy and storage state of charge is available.

The Facility shall have sufficient short-term over-current capability to supply inrush currents during energizing of transformers and distribution feeders and starting auxiliary motors of conventional power plants. Other inrush-current mitigating solutions can be accepted as well based upon results of the IRS.

The Facility for black start shall be configured to provide a ground reference for a black start path during the black start procedure (avoid energizing delta-delta transformer connected paths, use switchable grounding transformers or use wye-grounded transformers with dedicated black start units).

- (s) Generator Step-Up Transformer Impedance.

The generator step-up transformer impedance shall be between [] percent and [] percent, inclusive, on transformer OA rating. **[NOTE: THESE VALUES WILL BE BASED ON THE RESULTS OF THE IRS.]**

(i) Self-Energization. Seller's Facility shall be able to self energize, i.e. start and energize itself up to the Point of Interconnection without connecting with the Company System. The process of interconnecting the energized Facility with the Company System shall be seamless and bumpless using an auto-synchronizing circuit breaker. Immediately upon connecting to the Company System, the Facility shall transition to the normal operating mode. The self-energization control mode status shall be telemetered to the Company through SCADA.

(t) Control Systems and Auxiliary Equipment.

The power source for control systems and auxiliary equipment required for normal operation of the Facility shall be designed to be immune from system transients in accordance with the Public Utilities Commission of the State of Hawai'i tariff for Hawai'i Electric Light Company, Inc. Rule No. 2, Character of Service (Revised Sheet No. 5, effective Oct. 20, 1991) and Section 3.2(A)(6) (Facility Protection and Control Equipment) to meet the performance during under/over voltage and under/over frequency conditions pursuant to Section 3(e) (Undervoltage Ride-Through), Section 3(f) (Over Voltage Ride-Through), Section 3(i) (Underfrequency Ride-Through) and Section 3(j) (Overfrequency Ride-Through) of this Attachment B (Facility Owned by Seller).

(u) Frequency Response

Seller shall comply with the requirements of Section 1(g)(xi) (Frequency Response (DROOP)), Section 1(g)(xii) (Dynamic Active Power - Frequency Performance), and **[FOR FACILITIES WITH STORAGE]** Section 1(g)(xiii) (Alternate Active Power / Frequency Response Modes) of this Attachment B (Facility Owned by Seller).

(v) Unintentional Islanding.

A Facility may be required to have protection against unintentional islanding based on IRS results. Ride through requirements specified herein shall not inhibit the islanding detection performance where a valid unintentional islanding condition exists.

(w) [RESERVED]

4. Disconnection of Seller Facility.

- (a) Seller must address any Disconnection Event (as defined below) according to the requirements of this Section 4 (Maintenance of Seller-Owned Interconnection Facilities) of Attachment B (Facility Owned by Seller). For the purposes of this Section 4 (Maintenance of Seller-Owned Interconnection Facilities), a "Disconnection Event" is the removal of 7.5 MW of capacity or more from Company System and/or disconnection of the Facility from the Company's System (i) that is not the result of Company dispatch, frequency droop response, or isolation of the Facility resulting from designed protection fault clearing, and (ii) for which Company does not issue for such disconnection the written notice for failure to meet operational and performance requirements as set forth in Section 1(j) (Demonstration of Facility) of this Attachment B (Facility Owned by Seller). Company's election to exercise its rights under Section 1(j) (Demonstration of Facility) shall not relieve Seller of its obligation to comply with the requirements of this Section 4 (Maintenance of Seller-Owned Interconnection Facilities) for any future Disconnection Event during the pendency of such election or thereafter.
- (b) For every Disconnection Event, Seller shall investigate the cause. Within three (3) Business Days of the Disconnection Event, Seller shall provide, in writing to Company, an incident report that summarizes the sequence of events and probable cause of the Disconnection Event.
- (c) Within forty-five (45) Days of a Disconnection Event, Seller shall provide, in writing to Company, Seller's findings, data relied upon for such findings, and proposed actions to prevent reoccurrence of a Disconnection Event ("Proposed Actions"). Company may assist Seller in determining the causes of and recommendations to remedy or prevent a Disconnection Event ("Company's Recommendations"). Seller shall

implement such Proposed Actions (as modified to incorporate the Company's Recommendations, if any) and Company's Recommendations (if any) in accordance with the time period agreed to by the Parties.

- (d) In the event Seller and Company disagree as to (i) whether a Disconnection Event occurred, (ii) the sequence of events and/or probable cause of the Disconnection Event, (iii) the Proposed Actions, (iv) Company's Recommendations, and/or (v) the time period to implement the Proposed Actions and/or Company's Recommendations, then the Parties shall follow the procedure set forth in Section 5 (Expedited Dispute Resolution) of this Attachment B (Facility Owned by Seller).
- (e) Upon the fourth (4th) Disconnection Event (and each subsequent Disconnection Event) within any Contract Year, the Parties shall follow the procedures set forth in Section 4(a) and Section 4(d) of Attachment B (Facility Owned by Seller), to the extent applicable. If after following the procedures set forth in this Section 4 (Maintenance of Seller-Owned Interconnection Facilities) of Attachment B (Facility Owned by Seller), Seller and Company continue to have a disagreement as to (1) the probable cause of the Disconnection Event, (2) the Proposed Actions, (3) the Company's Recommendations, and/or (4) the time period to implement the Proposed Actions and/or the Company's Recommendations, then the Parties shall commission a study to be performed by a qualified independent Third-Party consultant ("Qualified Consultant") chosen from the Qualified Independent Third-Party Consultants List ("Consultants List") attached to the Agreement as Attachment D (Consultants List). Such study shall review the design of, review the operating and maintenance procedures dealing with, recommend modifications to, and determine the type of maintenance that should be performed on Seller-Owned Interconnection Facilities ("Study"). Seller and Company shall each pay for one-half of the total cost of the Study. The Study shall be completed within ninety (90) Days from such fourth Disconnection Event (and each subsequent Disconnection Event) within any Contract Year, unless the Qualified Consultant determines the Study cannot reasonably be completed within ninety (90) Days, in which case, such longer period of time as the

Qualified Consultant determines is necessary to complete the Study shall apply. The Qualified Consultant shall send the Study to Company and Seller. Seller (and/or its Third-Party consultants and contractors), at Seller's expense, shall change the design of, change the operating and maintenance procedures dealing with, implement modifications to, and/or perform the maintenance on Seller-Owned Interconnection Facilities recommended by the Study. Such design changes, operating and maintenance procedure changes, modifications, and/or maintenance shall be completed no later than forty-five (45) Days from the Day the completed Study is issued by the Qualified Consultant, unless such design changes, operating and maintenance procedure changes, modifications, and/or maintenance cannot reasonably be completed within forty-five (45) Days, in which case, Seller shall complete the foregoing within such longer commercially reasonable period of time agreed to by the Parties in writing. The Company shall have the right to derate the Facility to a level that maintains reliable operations in accordance with Good Engineering and Operating Practices, and the Facility shall be deemed to be in Seller-Attributable Unavailability status, until the study has been completed and the study's recommendations have been implemented by Seller to Company's reasonable satisfaction. Nothing in this provision shall affect Company's right of Company Dispatch as provided for in this Agreement.

- (f) The Consultants List attached to the Agreement as Attachment D (Consultants List) contains the names of engineering firms which both Parties agree are fully qualified to perform the Study. At any time, except when a Study is being conducted, either Party may remove a particular consultant from the Consultants List by giving written notice of such removal to the other Party. However, neither Party may remove a name or names from the Consultants List without approval of the other Party if such removal would leave the list without any names. Intended deletions shall be effective upon receipt of notice by the other Party, provided that such deletions do not leave the Consultants List without any names. Proposed additions to the Consultants List shall automatically become effective thirty (30) Days after notice is received by the other Party unless written

objection is made by such other Party within said thirty (30) Day period. By mutual agreement between the Parties, a new name or names may be added to the Consultants List at any time.

5. Expedited Dispute Resolution.

If there is a disagreement between Company and Seller regarding (i) whether a Disconnection Event occurred, (ii) the sequence of events and/or probable cause of the Disconnection Event, (iii) the Proposed Actions, (iv) the Company's Recommendations, and (v) the time period to implement the Proposed Actions and/or the Company's Recommendations, then authorized representatives from Company and Seller, having full authority to settle the disagreement, shall meet in Hawai'i (or by telephone conference) and attempt in good faith to settle the disagreement. Unless otherwise agreed in writing by the Parties, the Parties shall devote no more than five (5) Business Days to settle the disagreement in good faith. In the event the Parties are unable to settle the disagreement after the expiration of the time period, then such disagreement shall constitute a Dispute for which either Party may pursue the dispute resolution procedure set forth in Section 28.2 (Dispute Resolution Procedures, Mediation) of this Agreement.

6. Modeling.

(a) Seller's Obligation to Provide Models. Within 30 Days of Company's written request, but no later than the Commercial Operations Date, Seller shall provide detailed data regarding the design and location of the Facility, in a form reasonably satisfactory to Company, to allow the modeling of the inverters and any other equipment within the Facility identified in the IRS which utilizes Source Code (such as energy storage system, STATCOM or DVAR equipment), including, but not limited to, integrated and validated power flow and transient stability models (such as PSS/E models), a short circuit model (such as an ASPEN model), and an electro-magnetic transient model (such as a PSCAD model) of the inverters and any additional equipment identified in the IRS as set forth above, applied assumptions, and pertinent data sets (each a "Required Model" and collectively, the "Required Models"). Thereafter, during the Term, Seller shall provide working updates of any Required Model within 30 Days of (i) Company's

written request, or (ii) Seller obtaining knowledge or notice that any Required Model has been modified, updated or superseded by the Source Code Owner.

- (b) Escrow Establishment. If, pursuant to Section 6(a) (Seller's Obligation to Provide Models) of this Attachment B (Facility Owned by Seller), the Required Models are provided to the Company in a form other than Source Code, Seller shall arrange for and ensure that the Source Code for the relevant Required Model is deposited into the Source Code Escrow as set forth below in Section 6(b)(i) (Source Code Escrow) of this Attachment B (Facility Owned by Seller) no later than the time periods set forth in Section 6(a) (Seller's Obligation to Provide Models) of this Attachment B (Facility Owned by Seller) for delivery of the Required Models. Seller shall be responsible for all costs associated with establishing and maintaining the Source Code Escrow. If, however, Seller is unable to deposit the required Source Code into the Source Code Escrow within the time periods set forth in Section 6(a) (Seller's Obligation to Provide Models), Seller shall, no later than such time periods, instead provide the Source Code LC as set forth below in Section 6(b)(ii) (Source Code Security) of this Attachment B (Facility Owned by Seller).

(i) Source Code Escrow.

- A. Establishment of Source Code Escrow. If the Required Models are not provided to the Company in the form of Source Code pursuant to Section 6(a) of this Attachment B (Facility Owned by Seller), Seller shall: (a) arrange for and ensure the deposit of a copy of the current version of the Source Code and relevant documentation for all Required Models with the Source Code Escrow Agent under the terms and conditions of the Source Code Escrow Agreement, and (b) arrange for and ensure the update of the deposited Source Code and relevant documentation for Major Releases and Minor Releases of the Required Models as soon as reasonably possible after they are made generally available.

- B. Release Conditions. Company shall have the right to obtain from the Source Code Escrow Agent one copy of the escrowed Source Code for the Required Models, under the following conditions upon Company's request:
- (i) A receiver, trustee, or similar officer is appointed, pursuant to federal, state or applicable foreign law, for the Source Code Owner;
 - (ii) Any voluntary or involuntary petition or proceeding is instituted, under (x) U.S. bankruptcy laws or (y) any other bankruptcy, insolvency or similar proceeding outside of the United States, by or against the Source Code Owner;
 - (iii) Failure of the Source Code Owner to function as a going concern or operate in the ordinary course; or
 - (iv) Seller and the Source Code Owner fail to provide to Company the Required Models or updated Required Models, or, alternatively, fail to issue a Source Code LC, within the time periods set forth in Section 6(a) (Seller's Obligation to Provide Models) of this Attachment B (Facility Owned by Seller), Company gives written notice of such failure to Seller and the Source Code Owner, and Seller and Source Code Owner fail to remedy such breach within five (5) Days following receipt of such notice.
- C. Remedies. If Company has the right to obtain from the Source Code Escrow Agent one copy of the escrowed Source Code for the Required Models pursuant to Section 6(b)(i)(B) (Release Conditions) of Attachment B (Facility Owned by Seller), and Company finds that Seller failed to arrange for and ensure the update the Source Code Escrow with the modified and/or updated Source Code and relevant documentation for Major Releases and Minor Releases of the

Required Models as provided in Section 6(b)(i) (Establishment of Source Code Escrow) of Attachment B (Facility Owned by Seller) or that the Source Code for the Required Models is incomplete or otherwise unusable, Seller shall be liable to Company for liquidated damages in the amount of \$500 per Day for each Day Seller fails to provide such Source Code to Company or such update to the Source Code to Company from the date such Major Release or Minor Release was first made available by the Source Code Owner to customers of the Source Code Owner. Failure to provide the updated Source Code of the Required Models within 30 Days' notice from Company of a breach of Section 6(b)(i)(A) (Establishment of Source Code Escrow) of Attachment B (Facility Owned by Seller); provided, that Seller has also failed to provide a satisfactory Source Code LC as set forth in Section 6(b)(ii) (Source Code Security) of this Attachment B (Facility Owned by Seller) shall constitute an Event of Default pursuant to Section 15.2(f) under the Agreement.

- D. Certification. The Source Code Escrow Agent shall release the Source Code of the Required Models to Company upon receipt of a signed statement by a representative of Company that reads substantially as follows:

The undersigned hereby certifies that (i) I am duly authorized to execute this document on behalf of **[Maui Electric Company, Limited] [Hawai'i Electric Light Company, Inc.]** ("Company"), and (ii) Company is entitled to a copy of the Source Code of the Required Models Pursuant to Section 6(b)(i)(B) (Release Conditions) of Attachment B (Facility Owned by Seller) of the Energy Storage Purchase Agreement dated as of _____, between _____, and Company.

- E. Authorized Use. If Company becomes entitled to a release of the Source Code of the Required Models from escrow, Company may

thereafter correct, modify, update and enhance the Required Models for the sole purpose of providing itself the support and maintenance it otherwise would have been entitled to if it had been provided the Required Models by Seller under Section 6(a) (Seller's Obligation to Provide Models) of this Attachment B (Facility Owned By Seller) (the "Source Code Authorized Use").

- F. Confidentiality Obligations. Company shall keep the Source Code of the Required Models confidential pursuant to the confidentiality obligations of the Source Code Escrow Agreement. Company shall restrict access to the Source Code of the Required Models to those employees, independent contractors and consultants of Company who have agreed in writing to be bound by confidentiality and use obligations consistent with those specified in the Escrow Agreement, and who have a need to access the Source Code of the Required Models on behalf of Company to carry out their duties for the Source Code Authorized Use. Promptly upon Seller's request, Company shall provide Seller with the names and contact information of all individuals who have accessed the Source Code of the Required Models, and shall take all reasonable actions required to recover any such Source Code in the event of loss or misappropriation, or to otherwise prevent their unauthorized disclosure or use.

(ii) Source Code Security.

- (A) Establishment of Source Code Security. If the Required Models and their relevant Source Code are not provided to the Company in the form of Source Code pursuant to Section 6(a) (Seller's Obligation to Provide Models) of this Attachment B (Facility Owned by Seller) and if the Seller is unable to arrange for and ensure the deposit of the Source Code into the Source Code Escrow established for the benefit of the Company pursuant to Section 6(b)(i) (Source Code Escrow) of

this Attachment B (Facility Owned by Seller) then, no later than the time periods set forth in Section 6(a) (Seller's Obligation to Provide Models) of this Attachment B (Facility Owned by Seller) for delivery of the Required Models and Source Code, Seller shall provide an irrevocable standby letter of credit (the "Source Code LC") with no documentation requirement in the amount of Two Hundred Fifty Thousand Dollars (\$250,000) per Required Model (and its relevant Source Code) substantially in the form attached to this Agreement as Attachment M (Form of Letter of Credit) from a bank doing business in the United States and subject to United States state or federal regulation with a credit rating of "A-" or better from Standard & Poor's or A3 or better from Moody's. Such letter of credit shall be issued for a minimum term of one (1) year. Furthermore, at the end of each year the security shall be renewed for an additional one (1) year term so that at the time of such renewal, the remaining term of any such security shall not be less than one (1) year. The letter of credit shall include a provision for at least thirty (30) Days' advance notice to Company of any expiration or earlier termination of the letter of credit so as to allow Company sufficient time to exercise its rights under said security if Seller fails to extend or replace the security. In all cases, the reasonable costs and expenses of establishing, renewing, substituting, canceling, increasing, reducing, or otherwise administering the letter of credit shall be borne by Seller.

- (B) Release Conditions. Company shall have the right to draw on the letter of credit the funds necessary to develop and recreate the Required Model or Required Models upon Company's request if Seller

fails to provide the Company the Required Models or updated Required Models within the time periods set forth in Section 6(a) (Seller's Obligation to Provide Models) or Section 6(b)(i)(C) (Remedies) of this Attachment B (Facility Owned by Seller), Company gives written notice of such failure to Seller, and Seller fails to remedy such breach within five (5) Days following receipt of such notice for a breach under Section 6(a) (Seller's Obligation to Provide Models), or within thirty (30) Days following receipt of such notice for a breach under Section 6(b)(i)(C) (Remedies).

- (C) Extend Letter of Credit. If the letter of credit is not renewed or extended no later than thirty (30) Days prior to its expiration or earlier termination, Company shall have the right to draw immediately upon the full amount of the letter of credit and to place the proceeds of such draw (the "Proceeds"), at Seller's cost, in an escrow account in accordance with Section 6(b)(ii)(D) (Proceeds Escrow), until and unless Seller provides a substitute form of letter of credit meeting the requirements of this Section 6(b)(ii) (Source Code Security) of this Attachment B (Facility Owned by Seller).
- (D) Proceeds Escrow. If Company draws on the letter of credit pursuant to Section 6(b)(ii)(C) (Extend Letter of Credit) of this Attachment B (Facility Owned by Seller), Company shall, in order to avoid comingling the Proceeds, have the right but not the obligation to place the Proceeds in an escrow account as provided in this Section 6(b)(ii)(D) (Proceeds Escrow) of this Attachment B (Facility Owned by Seller) with a reputable escrow agent acceptable to Company ("Proceeds Escrow Agent") subject to an escrow agreement acceptable to Company ("Proceeds

Escrow Agreement"). Without limitation to the generality of the foregoing, a federally-insured bank shall be deemed to be a "reputable escrow agent." Company shall have the right to apply the Proceeds as necessary to recover amounts Company is owed pursuant to this Section 6 (Modeling) of this Attachment B (Facility Owned by Seller). To that end, the Proceeds Escrow Agreement governing such escrow account shall give Company the sole authority to draw from the account. Seller shall not be a party to such Proceeds Escrow Agreement and shall have no rights to the Proceeds. Upon full satisfaction of Seller's obligations under Section 6 (Modeling) of this Attachment B (Facility Owned by Seller), Company shall instruct the Proceeds Escrow Agent to remit to the bank that issued the letter of credit that was the source of the Proceeds the remaining balance (if any) of the Proceeds. If there is more than one escrow account with Proceeds, Company may, in its sole discretion, draw on such accounts in any sequence Company may select. Any failure to draw upon the Proceeds for any damages or other amounts due Company shall not prejudice Company's rights to recover such damages or amounts in any other manner.

- (E) Seller's Obligation. If the letter of credit is not sufficient to cover Company's associated consultant fees, costs and expenses to develop and recreate the Required Models, Seller shall pay to Company the difference within ten (10) Days of Company's written notice to Seller.
- (F) Model Verification. Seller shall work with the Company to validate the new Required Models developed by or on behalf of Company within sixty (60) Days of receiving such new Required Models.

Seller shall also arrange for and ensure that Company may obtain new Required Models directly from the Source Code Owner in the event that Seller ceases to operate as a going concern or is subject to voluntary or involuntary bankruptcy and is unable or unwilling to obtain the new Required Models from the Source Code Owner.

- (G) Certification. The terms of the letter of credit shall provide for a release of the funds, or in the event the funds have been placed into a Proceeds Escrow, the Proceeds Escrow Agent shall release the necessary funds to Company upon receipt of a signed statement by a representative of Company that reads substantially as follows:

The undersigned hereby certifies that (i) I am duly authorized to execute this document on behalf of **[Maui Electric Company] [Hawai'i Electric Light Company, Inc.]** ("Company"), and (ii) Company is entitled to \$_____, pursuant to Section 6(b)(ii)(B) (Release Conditions) of Attachment B (Facility Owned by Seller) of the Energy Storage Purchase Agreement dated as of _____, between _____, and Company.

- (H) Authorized Use. If Company becomes entitled to a draw of funds from the Source Code Security or a release of funds from the Proceeds Escrow, Company may thereafter use such funds to develop, recreate, correct, modify, update and enhance the Required Models for the sole purpose of providing itself the support and maintenance it otherwise would have been entitled to if it had been provided the Required Models by Seller under Section 6(a) (Seller's Obligation to Provide Models) of this Attachment B

(Facility Owned by Seller).

(iii) Supplementary Agreement. The parties stipulate and agree that the escrow provisions in this Section 6(b) (Escrow Establishment) of Attachment B (Facility Owned by Seller), and the Source Code Escrow Agreement and Proceeds Escrow Agreement are "supplementary agreements" as contemplated in 11 U.S.C. § 365(n)(1)(B). In any voluntary or involuntary bankruptcy proceeding involving Seller, failure by Company to assert its rights to "retain its rights" to the intellectual property encompassed by the Source Code or the funds in the Proceeds Escrow, pursuant to 11 U.S.C. § 365(n)(1)(B), under an executory contract rejected in a bankruptcy proceeding, shall not be construed as an election to terminate the contract by Company under 11 U.S.C. § 365(n)(1)(A).

7. Testing Requirements.

- (a) Testing Requirements. Once the Control System Acceptance Test has been successfully passed, Seller shall not replace and/or change the configuration of the Facility Control, inverter control settings and/or ancillary device controls, without prior written notice to Company. In the event of any such replacement and/or change, the relevant test(s) of the Control System Acceptance Test shall be redone and must be successfully passed before the replacement or altered equipment is allowed to be placed in normal operations. In the event that Company reasonably determines that such replacement and/or change of controls makes it inadvisable for the Facility to continue in normal operations without a further Control Systems Acceptance Test, the Facility shall be deemed to be in Seller-Attributable Unavailability status until the new relevant tests of the Control System Acceptance Test have been successfully passed.
- (b) Periodic Testing. Seller shall coordinate periodic testing of the Facility with Company to ensure that the Facility is meeting the performance standards specified under this Agreement.

8. [RESERVED]

9. Technology Specific Requirements.

- (a) [RESERVED]
- (b) [RESERVED]
- (c) Inverter Systems.
 - (i) Direct current generators and non-power (i.e., other than 60 Hertz) alternating current generators can only be installed in parallel with the Company System using a non-islanding synchronous inverter unless alternative designs are approved by the Company. The design shall comply with the requirements of IEEE Std 1547-2018 (or latest version), except as described in Section 3 (Performance Standards) of this Attachment B (Facility Owned by Seller).
 - (ii) Self-commutated inverters of the Company-interactive type shall synchronize to the Company System. Line-commutated, thyristor-based inverters are not recommended and will require additional technical study to determine harmonic and reactive power requirements. All interconnected inverter systems shall comply with the harmonic current limits of IEEE Std 519-1992 (or latest version).
- (d) Battery Energy Storage System. The operating parameters of the BESS shall be as follows:
 - (i) 100% of the Facility energy capacity will be charged from the grid.
 - (ii) The BESS will not be required to discharge more energy than available relative to the available state of charge.
 - (iii) The BESS may be dispatched more than once per day, and shall be designed to support a minimum of 365 full charging/discharging cycles per year or 366 full charging/discharging cycles per leap year (a cycle is a discharge equal to the BESS Contract Capacity, and sufficient charging to return the BESS to 100% State of Charge).

EXHIBIT B-1
REQUIRED MODELS

To be completed based on the Project's characteristics. The Required Models are listed in the RFP Appendix B, Attachment 4 - Model and Interconnection Requirements (IRS) Scope of the RFP.

Modeling requirements are set forth in the RFP Appendix B, Attachment 3 Hawaiian Electric Facility Technical Model Requirements and Review Process of the RFP.

***[EXHIBIT B-2 WILL BE PREPARED TO REFLECT
THE RESULTS OF IRS]***

EXHIBIT B-2
ENERGY STORAGE CAPABILITY CURVE(S)

ATTACHMENT D
CONSULTANTS LIST

(To be completed as per Section 25.4 of the Agreement)

ATTACHMENT E
SINGLE-LINE DRAWING AND INTERFACE BLOCK DIAGRAM

(To be attached as per Section 1(a) Attachment B)

ATTACHMENT F
RELAY LIST AND TRIP SCHEME

(To be attached as per Section 1(a) of Attachment B)

**[ATTACHMENT G SHALL BE REVISED TO REFLECT
THE RESULTS OF IRS]**

ATTACHMENT G
COMPANY-OWNED INTERCONNECTION FACILITIES

1. Description of Company-Owned Interconnection Facilities.

- (a) General. Company shall furnish or construct (or may have Seller furnish or construct, in whole or in part), own, operate and maintain all Interconnection Facilities required to interconnect Company System with Facility at [REDACTED] volts, up to the Point of Interconnection (collectively, the "Company-Owned Interconnection Facilities").
- (b) Site. Where any Company-Owned Interconnection Facilities are to be located on the Site, Seller shall provide, at no expense to Company, a location and access acceptable to Company for all such Company-Owned Interconnection Facilities, as well as an easement, license or right of entry to access such Company-Owned Interconnection Facilities. If power sources (120/240VAC) are required, Seller shall provide such sources, at no expense to Company.
- (c) IRS. An IRS addressing Facility requirements was completed for the Project in accordance with the IRS Letter Agreements, and the results have been incorporated in Attachment B (Facility Owned by Seller) and this Attachment G (Company-Owned Interconnection Facilities) as appropriate.
- (d) Seller's Payment Obligations. Company-Owned Interconnection Facilities, for which Seller has agreed to pay, whether designed, engineered and constructed by Seller or Company, include **[ADD LIST OF COMPANY-OWNED INTERCONNECTION FACILITIES THAT ARE REQUIRED PURSUANT TO THE RESULTS OF THE IRS. THE FOLLOWING IS AN EXAMPLE OF THE TYPES OF FACILITIES THAT COULD BE LISTED]** :
- (i) **[Line extension]**;
- (ii) A manually operated, lockable, group operated switch located on a pole prior to the Facility

switching station. Company will install a ____ kV drop into Seller-provided deadend structure.

- (iii) Substation additions and/or modifications of Company's existing structures as necessary. This would include but not be limited to protective relaying and setting changes;
 - (iv) Supervisory control and communications equipment (including but not limited to, SCADA/Telemetry and Control, microwave, satellite, dedicated phone line(s) and/or any other acceptable communications means (determined by Company), fiber optics, copper cabling, installation of batteries and charger system, etc.);
 - (v) Revenue Metering Package as provided in Section 10.1 (Meters) of the Agreement;
 - (vi) Any additional Interconnection Facilities needed to be installed as a result of final determination of Facility switching station site, final design of Facility to enable Company to complete the Interconnection Facilities and be compatible with Good Engineering and Operating Practices.
 - (vii) If equipment that is not standard to Company is utilized, Seller shall, at the discretion of Company, provide adequate spares.
- (e) Revisions to Costs. The list of Company-Owned Interconnection Facilities, and engineering and testing costs for Company-Owned Interconnection Facilities, for which Seller agrees to pay in accordance with this Attachment G (Company-Owned Interconnection Facilities), are subject to revision if (i) before approving this Agreement, the PUC approves an energy storage purchase agreement for another non-Company owned battery energy storage system/facility ("Second NUB Contract") making Energy Storage Services available to Company using the same line to which Facility is to be connected or (ii) the line to which Facility is to be connected and/or the related transformer(s) need(s) to be upgraded and/or replaced as a result of this Agreement and a Second NUB Contract, and the PUC, in approving this Agreement, determines that Seller should pay for all or part of the cost of such upgrade and/or replacement.

- (f) Review of the Listing and Costs. If the Commercial Operations Date is not achieved by the Guaranteed Commercial Operations Date, as such date may be extended as provided in Section 13.3 (Guaranteed Project and Reporting Milestone Dates), the listing of the Company-Owned Interconnection Facilities required in this Agreement and the cost-estimates for such Company-Owned Interconnection Facilities are subject to review and revision. Such revision may include, but not be limited to, such items as reconductoring an existing transmission or distribution line, construction of a new line, increase transformer capacity, and alternative relay specifications. In addition, such review and revision may require that the Company re-perform or update the IRS at the Seller's expense.
- (g) Responsibility of Seller and Company. The general responsibilities of Seller and Company for the design, procurement, installation, programming/testing, and maintenance/ownership of equipment at the Facility and the Company-Owned Interconnection Facilities is specified in Matrix G-1 (Substation Responsibilities) and Matrix G-2 (Telecom Responsibilities). **[DRAFTING NOTE: MATRIXES WILL BE UPDATED FOLLOWING COMPLETION OF IRS.]**

2. Construction and Support Services By Seller.

- (a) Construction and Support Services By Seller.
- (i) Seller (and/or its Third Party consultants or contractors (collectively, "Contractors")) will design, engineer, construct, test and place in service, at Seller's expense:
- A. The items identified in Matrix G-1 (Substation Responsibilities) and Matrix G-2 (Telecom Responsibilities) as being the responsibility of Seller to construct; and
- B. **[ANY OTHER COMPANY-OWNED INTERCONNECTION FACILITIES TO BE CONSTRUCTED BY SELLER].**
[NOTE: SUBPARTS "A" AND "B" BETWEEN THEM SHOULD GENERALLY INCLUDE A SUBSET OF THE LIST IN SECTION 1(d) ABOVE]

All design, engineering and construction performed by Seller (and/or its Contractors) shall, without limitation, satisfy the wind load and seismic load requirements of the International Building Code and any more stringent requirements imposed under applicable Laws.

(ii) Seller shall provide the necessary support for the Company's [REDACTED] kV overhead line extension work, which may include, but not limited to:

- A. Furnish surveyed topographical drawing including contour lines of project areas and beyond as needed in State Plane coordinates with overlay of the Facility and Company pole line route(s) indicating pole locations and anchors in CADD format acceptable to Company.
- B. Staking of Company proposed poles and anchors by surveyor.
- C. Graded access roads including gravel if required by Company to provide sufficient vehicle access to Company poles and anchors by Company trucks and cranes.
- D. Graded level pads to provide vehicle working areas around all Company poles and anchors.
- E. Grading of the areas beneath the Company's overhead lines as needed to provide required ground clearance.
- F. Grubbing and clearing of vegetation within Company's easement area or as required.

(b) Coordination of Construction. Prior to Seller engaging the Contractors, Seller shall obtain Company's written approval, which approval shall not be unreasonably withheld. Prior to Seller and/or its Contractors first starting to work on the construction plans for Company-Owned Interconnection Facilities to be constructed by Seller (and/or its Contractors), such as the civil, structural, and construction drawings, specifications to vendors, vendor approved final drawings and materials lists (collectively, the "Plans"), Seller and/or its Contractors shall meet with Company to discuss the construction of such Company-Owned Interconnection

Facilities, including but not limited to subjects concerning coordination of construction milestone dates, agreement on areas of interface design, and Company's design/drawing layout and symbols standards, equipment specifications and construction specifications and standards. Company will provide the equipment specifications and construction specifications and standards information so Seller can incorporate such information in its bid documents.

- (c) Plans. Seller shall provide Company its complete Plans at 30%, 60% and 90% and final issue for construction. No later than sixty (60) Days before Seller and/or its Contractors first start to order materials and equipment for Company-Owned Interconnection Facilities to be constructed by Seller and/or its Contractors, Seller shall provide Company with the final Plans. The Plans for Company-Owned Interconnection Facilities to be constructed by Seller (and/or its Contractors) shall comply with (i) all applicable Laws; (ii) Company's design/drawing layout and symbol standards, equipment specifications, and construction specifications and standards; and (iii) Good Engineering and Operating Practices (collectively, the "Standards"). Seller shall submit design drawings in MicroStation format per Company standards.
- (d) Company's Review of the Plans. Unless otherwise agreed to by the Parties, Company shall have twenty (20) Business Days following receipt of the complete Plans at each stage (30%, 60%, 90% and final issue for construction) for it to review and comment on the Plans, and verify in writing to Seller that the Plans comply with the Standards, which verification shall not be unreasonably withheld. If Company reasonably determines that the Plans are not in accordance with the Standards, then it may request in writing a response from Seller to its comments and Seller shall respond in writing within twenty (20) Business Days of such request by providing (i) its justification for why its Plans conform to the Standards or (ii) changes in the Plans responsive to Company's comments and in accordance with the Standards.
- (e) Company Inspection. Construction work will be subject to Company inspections to ensure that construction is done in accordance with the Standards. Company inspectors will be allowed access to the construction sites for

inspections and to monitor construction work. The inspector shall have the authority to work with the appropriate construction supervisor to stop any work that does not meet the Standards. All equipment and materials used in Company-Owned Interconnection Facilities to be constructed by Seller and/or its Contractors shall meet the Standards.

(f) Acceptance Test Procedures.

- (i) Seller acknowledges that: (aa) Company has multiple on-going projects with other developers as well as its own capital improvement projects and on-going system work; (bb) Company has limited resources to provide engineering oversight (such as review of plans) to such projects and to participate in the testing of such projects; (cc) in order for Company to accommodate such oversight and testing, it is necessary for Company to sequentially allocate its resources for each project a year or more in advance; (dd) the result is a queue of such projects that reflects the scheduling commitments of Company's resources to conduct such oversight and to participate in such testing; (ee) if a project is behind the schedule on which Company's resources have been scheduled for the oversight of such project, or if a project is not ready for testing at the time Company's resources have been scheduled for the testing of such project, or if a project does not complete testing within the period for which Company's resources have been scheduled for such testing, the progress of projects later in the queue may be adversely affected; (ff) the Test Ready Deadline that is set forth in Attachment K-1 (Seller's Conditions Precedent and Company Milestones) reflects the scheduling commitment of Company's resources to (i) conduct the oversight necessary to facilitate Seller's achievement of that Test Ready Deadline, (ii) commence the Acceptance Test on the Acceptance Testing Milestone Date that is set forth in Attachment K-1 (Seller's Conditions Precedent and Company Milestones) and (iii) thereafter participate in the Control System Acceptance Test; and (gg) in the Company's sole discretion based on its assessment of Company's resources and overall schedule of projects at the time, the Project may lose its place in the queue

and may be assigned a new Acceptance Testing Milestone Date for commencement of the Acceptance Test that may be behind the other projects then in the queue if (i) the Seller fails to satisfy any of the conditions precedent set forth in Section 2(f)(ii) of this Attachment G (Company-Owned Interconnection Facilities) within the time period specified therein for the task in question or, if no time period is specified therein, by the Test Ready Deadline, (ii) the Seller fails to satisfy any of the Seller's Conditions Precedent set forth in Attachment K-1 (Seller's Conditions Precedent and Company Milestones) and/or (iii) the Acceptance Test and the Control System Acceptance Test are not satisfactorily completed within the time allotted to complete such testing.

(ii) The conduct of the Acceptance Test is subject to the satisfaction of the following conditions precedent within the time period specified below for the task in question or, if no time period is specified, by the Test Ready Deadline that is set forth in Attachment K-1 (Seller's Conditions Precedent and Company Milestones):

- Final Single-Line Drawing, and notes, has received Company's written consent pursuant to Section 1(a)(i) (Single-Line Drawing, Interface Block Diagram, Relay List, Relay Settings and Trip Scheme) of Attachment B (Facility Owned by Seller) to this Agreement.
- Final Relay List and Trip Scheme have received Company's written consent pursuant to Section 1(a)(i) (Single-Line Drawing, Interface Block Diagram, Relay List, Relay Settings and Trip Scheme) of Attachment B (Facility Owned by Seller) to this Agreement.
- Final Interface Block Diagram has received Company consent pursuant to Section 1(a)(i) (Single-Line Drawing, Interface Block Diagram, Relay List, Relay Settings and Trip Scheme) of Attachment B (Facility Owned by Seller) to this Agreement.
- Final Control System Telemetry and Control List has received Company consent.

- Final phasor measurement unit (PMU) devices, if applicable, have received Company consent.
- Control system design and tunable parameters reviewed and mutually agreed upon as needed to meet the Company requirements in accordance with Attachment B (Facility Owned by Seller) Performance Standards.
- Agreement on Active Power Control Interface.
- No later than 14 Days prior to commencement of the Acceptance Test:
 - Seller shall have certified to Company that Seller-Owned Interconnection Facilities have been installed and commissioned and such certification has not, prior to the commencement of the Acceptance Test, been subsequently challenged by Company on the basis of on-site observations made by the Company's representatives following the walk-through to be conducted pursuant to Section 2(f)(iii) of this Attachment G (Company-Owned Interconnection Facilities).
 - Seller shall have certified to Company that any Company-Owned Interconnection Facilities built by Seller (and/or its Contractors) have been installed and commissioned and such certification has not, prior to the commencement of the Acceptance Test, been subsequently challenged by Company on the basis of on-site observations made by the Company's representatives following the walk-through to be conducted pursuant to Section 2(f)(iii) of this Attachment G (Company-Owned Interconnection Facilities).
- Any Company-Owned Interconnection Facilities not built by or on behalf of Seller have been installed and commissioned.
- No later than seven (7) Days prior to the commencement of the Acceptance Test, Seller and Company shall have participated in walk-through of fully constructed Interconnection Facilities.
- Redlined as-built drawings of the Seller-Owned Interconnection Facilities and any of the

Company-Owned Interconnection Facilities built by Seller (and/or its Contractors) shall have been provided to Company.

- Continuous power is being supplied to Company's protection and SCADA equipment.
 - Not less than four (4) weeks prior to the commencement of the Acceptance Test, the high speed communication lines required under this Agreement have been commissioned and are ready for use.
 - Not less than two (2) weeks prior to the commencement of the Acceptance Test, Seller and Company have participated in an on-Site Acceptance Test coordination meeting.
- (iii) Seller shall provide Company with at least fourteen (14) Days advance written notice of the commencement of the Acceptance Test. The Acceptance Test will be conducted on Business Days during normal business hours and may take a minimum of thirty (30) Days to complete. No electric energy will be delivered from Seller to Company during the Acceptance Test. No later than thirty (30) Days prior to conducting the Acceptance Test, Company and Seller shall agree on a written protocol setting out the detailed procedure and criteria for passing the Acceptance Test. Attachment N (Acceptance Test General Criteria) provides general criteria to be included in the written protocol for the Acceptance Test. At the time that Seller provides its 14-Day notice of the Acceptance Test to Company, Seller shall concurrently schedule a site walk-through of the Facility with Company to occur no later than seven (7) Days prior to the Acceptance Test. Seller's 14-Day notice to Company of the Acceptance Test shall constitute its certification that (i) the completion of the installation and commissioning of the Seller-Owned Interconnection Facilities and the Company-Owned Interconnection Facilities built by Seller (and/or its Contractors) and (ii) a walk-through by Company shall demonstrate, to Company's reasonable satisfaction, Seller's readiness to commence with the Acceptance Test. If, after the site walk-through, Company representatives

reasonably determine that Seller is not ready to commence with the Acceptance Test, in the Company's sole discretion based on its assessment of the nature of Seller's lack of readiness and Company's resources and overall schedule of projects at the time, Company may assign Seller a new Test Ready Deadline and a new Acceptance Testing Milestone Date, which may be behind the other projects then in the queue, coinciding with the estimated time it would take Seller to become test-ready and Company's ability to commence the Acceptance Test. If prior to the new Test Ready Deadline established by Company, Seller becomes ready for the performance of the Acceptance Test, i.e., Seller provides Company with its fourteen (14) Day advance written notice of the commencement of the Acceptance Test (the "Seller Accelerated Test Ready Deadline"), and Company confirms, in its site walk-through of the Facility (which site walk-through the Company may waive in its sole discretion), that Seller is ready for the Acceptance Test, but Company is unable to perform the Acceptance Test within [] Days⁴ (the "Seller Accelerated Acceptance Testing Milestone Date") and Company's inability to commence the Acceptance Test is solely due to the conditions set forth in Section 2(f)(i)(aa) and (bb) of this Attachment G, then, for up to the period of time from the Seller Accelerated Acceptance Testing Milestone Date to the date that Company commences performance of the Acceptance Test, Seller shall be entitled to a waiver of Daily Delay Damages that would otherwise be accruing if Seller ultimately fails to meet the Guaranteed Commercial Operations Date due to its failure to meet the original Test Ready Deadline specified in Attachment K-1. For clarity, and to explain the limited waiver of Daily Delay Damages provided for in the preceding sentence, if Seller misses its Test Ready Deadline by 45 Days and subsequently misses its Guaranteed Commercial Operations Date for that reason by 60 Days and the

⁴ This would be the number of Days between the Test Ready Deadline and the Acceptance Testing Milestone Date stated in the Company Milestones of Attachment K-1.

period of time between the Seller Accelerated Acceptance Testing Milestone Date and the commencement date of the Acceptance Test is 15 Days (and such delay is solely due to the conditions set forth in Section 2(f)(i)(aa) and (bb) of this Attachment G), then Seller shall be entitled to a waiver of 15 Days of Daily Delay Damages otherwise accruing for Seller's failure to meet the Guaranteed Commercial Operations Date. If the above time periods remain the same but Seller only misses the Guaranteed Commercial Operations Date by 30 Days, Seller shall not be entitled to any Daily Delay Damages waiver as the 30 Day failure to meet the Guaranteed Commercial Operations Date would be attributable to the initial 45 Days that Seller missed the Test Ready Deadline. Finally, if the above time periods remain the same but Seller misses its Guaranteed Commercial Operations Date by 50 Days, Seller shall be entitled to only a 5 Day waiver of Daily Delay Damages. In the meantime, Seller shall remediate the deficiencies identified by Company, and the process described in this Section 1(f) (Acceptance Test Procedures) of Attachment G (Company-Owned Interconnection Facilities), shall commence again until Seller's readiness for the Acceptance Test is demonstrated to Company's reasonable satisfaction. Successful completion of the Acceptance Test requires successful completion of each of the individual tests that comprise the Acceptance Test. Retesting of any individual test constitutes a restart of the Acceptance Test if such retesting is required because of a prior failure of such individual test or because a prior test could not be completed because of a problem with the Facility. Within fifteen (15) Business Days of successful completion of the Acceptance Test and Company's receipt of the final report setting forth the results of the Acceptance Test, Company shall notify Seller in writing whether the Acceptance Test has been passed and, if so, the date upon which the Acceptance Test was passed.

- (iv) Company will be present when the Acceptance Test is conducted, and Seller shall promptly correct any deficiencies identified during the Acceptance Test. Seller will be responsible for the cost of Company

personnel (and/or Company contractors) performing the duties (such as reviewing the Plans and reviewing the construction) necessary for Company-Owned Interconnection Facilities to be constructed by Seller (and/or its Contractors). If Company (aa) does not make any inspection or test, (bb) does not discover defective workmanship, materials or equipment, or (cc) accepts Company-Owned Interconnection Facilities (that were constructed by Seller and or its Contractors), such action or inaction shall not relieve Seller from its obligation to do and complete the work in accordance with the Plans approved by Company.

(g) As-Built Drawings. Within thirty (30) Days of the successful completion of the Acceptance Test, Seller shall provide for Company review a set of the proposed as-built drawings for the Company-Owned Interconnection Facilities constructed by Seller (and/or its Contractors). Within thirty (30) Days of Company's receipt of the proposed as-built drawings, Company shall provide Seller with either (i) its comments on the proposed as-built drawings or (ii) notice of acceptance of the proposed as-built drawings as final as-built drawings. If Company provides comments on the proposed as-built drawings, Seller shall incorporate such comments into a final set of as-built drawings and provide such final as-built drawings to Company within twenty (20) Days of Seller's receipt of Company's comments.

3. Seller Payment To Company for Company-Owned Interconnection Facilities and Review Of Facility.

(a) Seller Payment to Company.

(i) Seller shall pay the Total Estimated Interconnection Cost, which is comprised of the estimated costs of (aa) acquiring, constructing and installing the Company-Owned Interconnection Facilities to be designed, engineered and constructed by Company, (bb) the engineering and design work (including but not limited to Company, affiliated Company and contracted engineering and design work) associated with (i) the application process for the PUC Approval Order, (ii) developing such Company-Owned Interconnection Facilities and (iii) reviewing and specifying those portions of Facility which allow interconnected operations as

such are described in Attachment B (Facility Owned by Seller) (collectively, the "Engineering and Design Work"), and (cc) conducting the Acceptance Test and Control System Acceptance Test (the Engineering and Design Work and the work to conduct the Acceptance Test and the Control System Acceptance Test being collectively called the "Company Interconnection Work"). The Total Actual Interconnection Cost (the actual cost of Company Interconnection Work are the "Total Interconnection Costs").

- (ii) Summary List of Company-Owned Interconnection Facilities and Related Services to be designed, engineered and constructed by Company:

[THIS LIST SHOULD GENERALLY INCORPORATE A SUBSET OF THE LIST IN ATTACHMENT G, SECTION 1(d), PLUS TESTING.]

- (iii) The following summarizes the Total Estimated Interconnection Cost of the Company-Owned Interconnection Facilities to be designed, engineered and constructed by Company:

[THIS LIST SHOULD INCLUDE ESTIMATED COSTS FOR THE ITEMS LISTED IN ATTACHMENT G, SECTION 3(a)(ii).]

The Total Estimated Interconnection Cost is \$.

- (b) Total Estimated Interconnection Costs. The Total Estimated Interconnection Cost, which, except as otherwise provided herein, is non-refundable, shall be paid by Seller in accordance with the following schedule:

- (i) Initial Payment: Prior to the execution of the Interconnection Requirements Amendment, Seller has paid \$ ____,000.00 to Company;
- (ii) Company-Owned Interconnection Facilities Prepayment: Within thirty (30) Days after the execution of the Interconnection Requirements Amendment, the total estimated costs related to the Engineering and Design Work are due and payable by Seller to Company;

- A. Company shall not be obligated to perform any work with respect to Company-Owned Interconnection Facilities until Seller pays the amounts in Section 3(b)(i) (Initial Payment) and Section 3(b)(ii) (Company-Owned Interconnection Facilities Prepayment) of this Attachment G (Company-Owned Interconnection Facilities), and receipt of such payment shall constitute Seller's irrevocable authorization to Company to perform such engineering and design work.
- (iii) Balance of Company-Owned Interconnection Facilities Prepayment: On the Guaranteed Procurement Payment Date, the difference between the portion of the Total Estimated Interconnection Cost paid to date and the Total Estimated Interconnection Cost is due and payable by Seller to Company.
- A. Company shall not be obligated to perform any work with respect to Company-Owned Interconnection Facilities until Seller pays the amount in this Section 3(b)(iii) (Balance of Company-Owned Interconnection Facilities Prepayment) of this Attachment G (Company-Owned Interconnection Facilities), and receipt of such payment shall constitute Seller's irrevocable authorization to Company to perform such procurement and construction work.
- (c) Scope Changes to Company Interconnection Work. Company may require additional estimated interconnection cost payments (an "Additional Interconnection Cost Payment") that may be required as a result of revisions to the Company-Owned Interconnection Facilities, other Company Interconnection Work necessary but not covered by the Total Estimated Interconnection Costs and/or changes to the Project schedule necessitating additional Company Interconnection Work not contemplated when the Total Estimated Interconnection Costs were determined. Company shall prepare commercially reasonable documentation justifying the necessity of the Additional Interconnection Cost Payment, which cannot be unreasonably denied by Seller. Seller shall pay the requested Additional Interconnection Cost Payment within 30 Days of receipt of Company's documentation. If

Seller does not make such payment when due, Company shall have the right to draw on the Standby Letter of Credit provided under Section 6(a) (Standby Letter of Credit of this Attachment G (Company-Owned Interconnection Facilities) or, in Company's sole discretion, Company may stop Company Interconnection Work when funds from the Total Estimated Interconnection Costs are exhausted and shall not be obligated to re-commence Company Interconnection Work until the Additional Interconnection Cost Payment, however made, is received by Company. The amount of the Additional Interconnection Cost Payment shall be included in the Total Estimated Interconnection Costs for purposes of the true-up required under Section 3(c) (True-Up) of Attachment G (Company-Owned Interconnection Facilities).

- (d) True-Up. The final accounting shall take place within one hundred twenty (120) Days of the first to occur of (i) the Commercial Operations Date, (ii) the date this Agreement is declared null and void under either Section 12.5 (Prior to Effective Date) or Section 12.6 (Time Periods for PUC Submittal Date and PUC Approval) of this Agreement, or (iii) the date this Agreement is terminated. Company shall be entitled to an extension for a commercially reasonable amount of time to complete the final accounting if a delay in such completion is caused by Seller's delay or failure to respond to any Company request for information needed to complete the final accounting or take any action necessary for Company to complete the final accounting. Upon completion of the final accounting, Company shall deliver to Seller an invoice for payment of the amount, if any, of the difference between the Total Estimated Interconnection Cost paid to date and the Total Actual Interconnection Cost, which is the final accounting of the Total Interconnection Costs. Payment of such invoice shall be made within thirty (30) Days of receipt of such invoice from Company. If the Total Actual Interconnection Cost is less than the payments received by Company as the Total Estimated Interconnection Cost, Company shall repay the difference to Seller within thirty (30) Days of the final accounting.
- (e) Audit Rights. Seller shall have the right for a period of one (1) year following receipt of the invoice: (i) upon reasonable prior notice, to audit the books and records of Company to the limited extent reasonably

necessary to verify the basis for the amount (if any) by which the Total Actual Interconnection Cost invoiced to Seller exceeds the Total Estimated Interconnection Cost, and (ii) to dispute the amount of any such excess. Seller shall not have the right to audit any other financial records of Company. Company shall make such information available during normal business hours at its offices in Hawai'i. Seller shall pay Company's reasonable actual, verifiable costs for such audits, including allocated overhead.

- (f) Ownership. All Company-Owned Interconnection Facilities including those portions, if any, provided, or provided and constructed, by Seller shall be the property of Company.

4. Ongoing Operation and Maintenance Charges.

- (a) Prior to the Transfer Date. Seller shall operate and maintain, at its sole cost and expense, Company-Owned Interconnection Facilities that it or its Contractors constructed, if any, prior to the Transfer Date.
- (b) On or After the Transfer Date. On and after the Transfer Date, Company shall own, operate and maintain Company-Owned Interconnection Facilities, subject to reimbursement by Seller of the costs thereof incurred by Company in accordance with Section 4(c) (Monthly Bill) immediately below.
- (c) Monthly Bill. Company shall bill Seller monthly (or periodically as costs are incurred) for any reasonable costs incurred in operating, maintaining and replacing (to the extent not covered by insurance) Company-Owned Interconnection Facilities. Company's costs will be determined on the basis of, but not limited to, direct payroll, material costs, applicable overhead at the time incurred, consulting fees and applicable taxes. Seller shall, within thirty (30) Days after receipt of an invoice, reimburse Company for such monthly billed operation and maintenance charges. Company's invoice will include itemized charges reasonably necessary for Seller to verify the basis for such charges.

5. Relocation of Company-Owned Interconnection Facilities.

- (a) In the event that the Land Rights include a relocation clause and such clause is exercised or if Company-Owned Interconnection Facilities must be relocated for any other reason not caused by Company, Seller shall bear the cost of such relocation. Prior to the relocation of the Company-Owned Interconnection Facilities Company shall invoice Seller for the total estimated cost of relocating the Company-Owned Interconnection Facilities (the "Total Estimated Relocation Cost"). Seller shall, within thirty (30) Days after the invoice date, pay to Company the Total Estimated Relocation Cost.
- (b) Once the relocation of the Company-Owned Interconnection Facilities is complete, Company shall conduct a final accounting of all costs related thereto. Within thirty (30) Days of the final accounting, which shall take place within one hundred and twenty (120) Days of completion of the relocation of Company-Owned Interconnection Facilities, Seller shall remit to Company the difference between the Estimated Relocation Cost paid to date and the total actual relocation cost incurred by Company (the "Total Actual Relocation Cost"). If the Total Actual Relocation Cost is less than the payments received by Company as the Total Estimated Relocation Cost, Company shall repay the difference to Seller within thirty (30) Days of the final accounting.

6. Guarantee for Interconnection Costs.

- (a) Standby Letter of Credit. To ensure payment by Seller of all costs and expenses owed to Company (i) in excess of the Total Estimated Interconnection Cost paid in connection with the Company-Owned Interconnection Facilities to be provided and/or constructed by Company described in Section 3 (Seller Payment To Company for Company-Owned Interconnection Facilities and Review Of Facility) of this Attachment G (Company-Owned Interconnection Facilities), and (ii) if applicable, in excess of the Total Estimated Relocation Costs paid in connection with the relocation of the Company-Owned Interconnection Facilities as provided in Section 5 (Relocation of Company-Owned Interconnection Facilities) of this Attachment G (Company-Owned Interconnection Facilities), Seller shall obtain an Irrevocable Standby Letter of Credit with no Documentary Requirement ("Standby Letter of Credit") in accordance with the

requirements of Section 6(b) (Requirements of the Standby Letter of Credit) of this Attachment G (Company-Owned Interconnection Facilities), wherein Company shall receive payment from the bank upon request by Company.

- (b) Requirements of the Standby Letter of Credit. The Standby Letter of Credit shall be (i) in an amount not less than twenty-five percent (25%) of the Total Estimated Interconnection Cost or Total Estimated Relocation Cost, as applicable, and (ii) in substantially in the form attached to this Agreement as Attachment M (Form of Letter of Credit) from a bank doing business in the United States and subject to United States state or federal regulation with a credit rating of "A-" or better. If the rating (as measured by Standard & Poors) of the bank issuing the Standby Letter of Credit falls below A-, Company may require Seller to replace the Standby Letter of Credit with a Standby Letter of Credit from another bank doing business in the United States and subject to United States state or federal regulation with a credit rating of "A-" or better. In connection with the construction of the Company-Owned Interconnection Facilities, the Standby Letter of Credit shall be effective from the earlier of (aa) thirty (30) Days following the Effective Date, or (bb) the date that Seller requests Company to order equipment or commence construction on Company-Owned Interconnection Facilities. In connection with the relocation of the Company-Owned Interconnection Facilities, if applicable, the Standby Letter of Credit shall be effective within thirty (30) Days after Seller receives the invoice from Company for the Total Estimated Relocation Cost as set forth in Section 5 (Relocation of Company-Owned Interconnection Facilities) of this Attachment G (Company-Owned Interconnection Facilities). The Standby Letter of Credit shall be in effect through the earlier of forty-five (45) Days after the final accounting or seventy-five (75) Days after the Agreement is terminated. Seller shall provide to Company within fourteen (14) Days of the date the Standby Letter of Credit is to be effective as aforesaid, a document from the bank which indicates that such a Standby Letter of Credit has been established.
- (c) Other Form of Security. Notwithstanding the foregoing, in lieu of a Standby Letter of Credit, Company may, at its sole discretion, agree in writing to accept such

other form of security as Company deems to provide Company with protection equivalent to a Standby Letter of Credit.

7. Land Restoration.

- (a) Definition of "Land". For the purposes of this Attachment G (Company-Owned Interconnection Facilities), "Land" means any portion of the Site and any other real property where any Company-Owned Interconnection Facilities are located.
- (b) Removal of Interconnection Facilities. After termination of this Agreement or in the event this Agreement is declared null and void under either Section 12.5 (Prior to Effective Date) or Section 12.6 (Time Periods for PUC Submittal Date and PUC Approval) of this Agreement, if requested by Company, Seller shall, at its sole cost and expense, remove (i) the Company-Owned Interconnection Facilities from the Land and (ii) the Seller-Owned Interconnection Facilities from the Land, and, in conjunction with such removal, shall develop and implement a program to recycle, to the fullest extent possible, or to otherwise properly dispose of, all such removed infrastructure; provided, however, that, Company may elect to remove all or part of the Company-Owned Interconnection Facilities and/or Seller-Owned Interconnection Facilities from the Land because of operational concerns over the removal of such Interconnection Facilities, in which case Seller shall reimburse Company for its costs to remove such Company-Owned Interconnection Facilities and/or Seller-Owned Interconnection Facilities. To the extent Seller is obligated to remove Company-Owned Interconnection Facilities and/or Seller-Owned Interconnection Facilities, Seller shall complete such removal within ninety (90) Days of termination of this Agreement (or declaration that the Agreement is null and void under either Section 12.5 (Prior to Effective Date) or Section 12.6 (Time Periods for PUC Submittal Date and PUC Approval) of this Agreement, or as otherwise agreed to by both Parties in writing.
- (c) Restoration of the Land. After the termination of this Agreement (or declaration that the Agreement is null and void under either Section 12.5 (Prior to Effective Date) or Section 12.6 (Time Periods for PUC Submittal Date and

PUC Approval) of this Agreement) and removal of the Company-Owned Interconnection Facilities and/or Seller-Owned Interconnection Facilities, as the case may be, Seller shall, at its sole cost and expense, restore the Land to its condition prior to construction of such Company-Owned Interconnection Facilities and/or Seller-Owned Interconnection Facilities, as applicable. Land restoration shall be completed within ninety (90) Days of termination of this Agreement (or declaration that the Agreement is null and void under either Section 12.5 (Prior to Effective Date) or Section 12.6 (Time Periods for PUC Submittal Date and PUC Approval) of this Agreement), or as otherwise agreed to by both Parties in writing.

8. Transfer of Ownership/Title.

- (a) Transfer of Ownership and Title. On the Transfer Date, Seller shall transfer to Company all right, title and interest in and to Company-Owned Interconnection Facilities to the extent such facilities were designed and constructed by Seller and/or its Contractors together with (i) all applicable manufacturers' or Contractors' warranties which are assignable and (ii) all Land Rights necessary to own, operate and maintain Company-Owned Interconnection Facilities on and after the Transfer Date. Seller shall provide a written list of the manufacturers' and Contractors' warranties which will be assigned to Company and the expiration dates of such warranties no later than thirty (30) Days before the Transfer Date.
- (b) No Liens or Encumbrances. Company's title to and ownership of Company-Owned Interconnection Facilities that were designed and constructed by Seller and/or its Contractors shall be free and clear of liens and encumbrances.
- (c) Form of Documents. The transfers to be made to Company pursuant to this Section 8 (Transfer of Ownership/Title) of Attachment G (Company-Owned Interconnection Facilities) shall not require any further payment by Company. The form of the document to be used to convey title to the Company-Owned Interconnection Facilities that were designed and constructed by or on behalf of Seller shall be substantially in the form set forth in Attachment H (Form of Bill of Sale and Assignment). The

form of the document(s) to be used to assign leases shall be substantially in the form set forth in Attachment I (Form of Assignment of Lease and Assumption). To the extent Land Rights other than leases are transferred to Company, appropriate modifications will be made to Attachment I (Form of Assignment of Lease and Assumption) to effectuate the transfer of such Land Rights.

9. Governmental Approvals for Any Company-Owned Interconnection Facilities.

Seller shall obtain at its sole cost and expense all Governmental Approvals necessary to the construction, ownership, operation and maintenance of the Company-Owned Interconnection Facilities. For Company-Owned Interconnection Facilities to be constructed by Company, Seller shall provide all Governmental Approvals necessary for the construction of such Company-Owned Interconnection Facilities prior to the commencement of construction by Company. For Company-Owned Interconnection Facilities to be constructed by Seller, Seller shall obtain all Governmental Approvals necessary for construction of the Company-Owned Interconnection Facilities prior to commencement of the construction activity for which such Governmental Approval is required. For all other Governmental Approvals for Company-Owned Interconnection Facilities, Seller shall provide these prior to the Transfer Date. On or before the Transfer Date, Seller shall provide Company with (i) copies of all such Governmental Approvals obtained by Seller regarding the construction, ownership, operation and maintenance of Company-Owned Interconnection Facilities that Seller and/or its Contractors constructed and (ii) documentation regarding the satisfaction of any condition or requirement set forth in any Governmental Approvals for Company-Owned Interconnection Facilities (excluding on-going reporting or monitoring requirements that may continue beyond the Transfer Date in accordance with such Governmental Approval) or that such Governmental Approvals have otherwise been closed with the issuing Governmental Authority.

10. Land Rights.

Seller shall, prior to the commencement of construction of the Company-Owned Interconnection Facilities (whether to be built by Seller or by Company) obtain at its sole cost and expense all Land Rights that are required to construct, own,

operate and maintain the Company-Owned Interconnection Facilities. Without limitation to the preceding sentence, Seller shall pay all surveying and mapping costs, appraisal fees, document preparation fees, recording fees or other costs. Seller shall use commercially reasonable efforts to obtain on behalf of the Company perpetual Land Rights for the Company-Owned Interconnection Facilities. Such Land Rights shall contain terms and conditions which are acceptable to Company and the documents setting forth the Land Rights shall be provided in advance of execution to Company for its review and approval and shall be recorded if required by Company. Following the Execution Date, Seller shall provide as part of the Monthly Progress Report the status of negotiations with landowner(s) regarding the Land Rights. Notwithstanding the foregoing, Company shall have the right in its sole discretion, at any time upon notice to Seller, to communicate directly with the landowner(s) and/or participate in the negotiations with landowner(s) for the Land Rights. For so long as Seller has the right under this Agreement to make available Facility's Energy Storage Services to Company, Seller shall pay for any rents and other payments due under such Land Rights that are associated with Company-Owned Interconnection Facilities.

11. Contracts for Company-Owned Interconnection Facilities.

For all contracts entered into by or on behalf of Seller for Company-Owned Interconnection Facilities to be designed, engineered and constructed, in whole or in part, by or on behalf of Seller, the following shall apply: (i) Company shall be made an intended third-party beneficiary of such contracts; and (ii) Company shall be provided with copies of such executed contracts, which may be redacted but only to the extent required to prevent disclosure of confidential or proprietary information of Seller or the counterparty to such agreement; provided, however, that such redactions may not conceal information that is necessary for the Company to determine and exercise Company's rights under such contracts as a third-party beneficiary.

[MATRIX TO BE INSERTED]

**[ATTACHMENT K WILL BE REVISED TO REFLECT
THE RESULTS OF IRS]**

ATTACHMENT K
GUARANTEED PROJECT MILESTONES

[For Developer Interconnection Build]

Guaranteed Project Milestone Date	Description of Each Guaranteed Project Milestone
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[SPECIFY DATE CERTAIN]	<u>Construction Financing Milestone</u> : Provide Company with documentation reasonably satisfactory to Company evidencing (i) the closing on financing for the Facility including ability to draw on funds by [insert same date certain as in left column] or (ii) the financial capability to construct the Facility (" <u>Construction Financing Closing Milestone</u> ").
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[SPECIFY DATE CERTAIN]	<u>Permit Application Filing Milestone</u> : Provide Company with documentation reasonably satisfactory to Company evidencing the filing by or on behalf of Seller of the following applications for Governmental Approvals required for the ownership, construction, operation and maintenance of the Facility: [List All Discretionary Permits]
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[SPECIFY DATE CERTAIN]	<u>Guaranteed Commercial Operations Date.</u>
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**[ATTACHMENT K WILL BE REVISED TO REFLECT
THE RESULTS OF IRS]**

ATTACHMENT K-1
SELLER'S CONDITIONS PRECEDENT AND COMPANY MILESTONES

[For Developer Interconnection Build]

Seller's Conditions Precedent Date	Description of Each of Seller's Conditions Precedent
	Seller shall make payment to Company of the amount required under <u>Section 3(b)(ii)</u> of <u>Attachment G</u> (Company-Owned Interconnection Facilities)
	Seller shall provide Company a right of entry for the Company-Owned Interconnection Facilities site(s).
	Seller shall make payment to Company of the amount required under <u>Section 3(b)(iii)</u> of <u>Attachment G</u> (Company-Owned Interconnection Facilities)
	Seller shall provide evidence of the full execution of the engineering, procurement and construction ("EPC") contract.
	Seller's engineering, procurement and construction (" <u>EPC</u> ") contractor shall obtain grading permit.
	Seller shall provide evidence of procurement of the long-lead materials for Company-Owned Interconnection Facilities, including control house, metering, CTs and PTs.
	Seller's EPC contractor shall obtain and provide Company all permits (other than any required occupancy permits, if applicable), licenses, easements and approvals to construct the Company-Owned Interconnection Facilities, including the building permit.
No later than three (3) months prior to the commencement of	Seller shall provide station service power, if applicable, as required by Company.

<p>the Acceptance Test</p>	
<p>No later than three (3) months prior to the commencement of the Acceptance Test</p>	<p>Seller or Seller's EPC contractor shall have Hawaiian Telcom Backup (or equivalent) installed which shall consist of a 1.5 Mbps Routed Network Services circuit for backup SCADA communications from Company's Substation at Seller's Facility to Company's EMS located at the Company's control center.</p>
	<p>Seller's EPC contractor shall complete installation of physical bus and structures within Company's substation up to the demark point as necessary to interconnect.</p>
<p>[specify date] ("Test Ready Deadline")</p>	<p>Seller's EPC contractor shall complete construction of the Seller-Owned Interconnection Facilities, the Seller shall have satisfied the conditions precedent to the conduct of the Acceptance Test set forth in <u>Section 2 (f)(ii) of Attachment G</u> (Company-Owned Interconnection Facilities) and Seller is otherwise ready to conduct the Acceptance Test.</p>
	<p>Seller shall close grading permit, unless Seller provides documentation establishing, to Company's reasonable satisfaction, that closing the grading permit is not required by the relevant Governmental Authority prior to energization, testing and use of the Facility.</p>

COMPANY MILESTONES

If Seller satisfies the foregoing Seller's Conditions Precedent, the following Company Milestones shall apply:

Company Milestone Date	Description of Each Company Milestone
[] Business Days following the Test Ready Deadline	Company shall, subject to Seller's continued satisfaction of the requirements set forth in <u>Section 2 (f)(ii)</u> and <u>Section 2 (f)(iii)</u> of <u>Attachment G</u> (Company-Owned Interconnection Facilities), commence Acceptance Testing.
	Energization of Company-Owned Interconnection Facilities, provision of back-feed power to support commissioning.

**[ATTACHMENT L WILL BE REVISED TO REFLECT
THE RESULTS OF IRS]**

ATTACHMENT L
REPORTING MILESTONES

[For Developer Interconnection Build]

Reporting Milestone Date	Description of Each Reporting Milestone
[Date]	Seller shall provide Company with a redacted copy of the executed Facility equipment, engineering, procurement and construction ("EPC") or other general contractor agreements. Under no circumstances shall redactions conceal information that is necessary for Company to verify its rights under the Agreement.
[Date]	Seller shall provide Company with redacted copies of executed purchase orders/contracts for the delivery of Facility inverters.
[Date]	Seller shall provide Company with copies, as applicable of executed Facility operating agreements
[Date]	Building Permit: Seller or Seller's EPC contractor shall obtain building permit.
[Date]	Construction Start Date (defined as the start of civil work on Site).
[Date]	Seller shall have laid the foundation for all Facility buildings and step-up transformer facilities.
[Date]	The BESS and all inverters for the Facility shall have been installed at the Site.
[Date]	The step-up transformer shall have been installed at the Site.

ATTACHMENT N
ACCEPTANCE TEST GENERAL CRITERIA

**[THIS ATTACHMENT WILL NEED TO BE MODIFIED
BASED ON THE RESULTS OF THE IRS]**

Upon final completion of Company review of the Facility's drawings, final test criteria and procedures shall be agreed upon by Company and Seller no later than thirty (30) Days prior to conducting the Acceptance Test in accordance with the Agreement. The Acceptance Test shall include, but not be limited to, the following:

1. Interconnection.

- (A) A visual inspection of all Interconnection equipment and verification of as-built drawings.
- (B) Phase rotation testing to verify proper phase connections.
- (C) Based on manufacturer's specification, test the local operation of the Facility's generator breaker(s) and inter-tie breaker(s), and other breaker(s) which connect the Facility equipment to Company System - must open and close locally using the local controls remotely from Company's EMS. Test and ensure that the status shown on the EMS is the same as the actual physical status in the field.
- (D) Relay test engineers to connect equipment and simulate certain inputs to test and ensure that the protection schemes such as any under/over frequency and under/over voltage protection or the Direct Transfer Trip operate as designed. (For example, a fault condition may be simulated to confirm that the breaker opens to sufficiently clear the fault. Additional scenarios may be tested and would be outlined in the final test criteria and procedures.) Seller to also test the synchronizing mechanisms to which the Facility would be synchronizing and closing into the Company System to ensure correct operation. Other relaying also to be tested as specified in the protection review of the IRS and on the single line diagram, Attachment E (Single-Line Drawing and Interface Block Diagram) for the Facility.

- (E) All 69 kV breaker disconnects and other high voltage switches will be inspected to ensure they are properly aligned and operated manually or automatically (if designed).
- (F) Step-Up Transformer Enclosure(s) inspections - The Step-Up Transformer Enclosure(s) may be inspected to test and ensure that the equipment that Seller has installed is installed and operating correctly based upon agreed to design. Wiring may be field verified on a sample basis against the wiring diagrams to ensure that the installed equipment is wired properly. The grounding mat at the Step-Up Transformer Enclosure(s) may be tested to make sure there is adequate grounding of equipment.
- (G) Communication testing - Communication System testing to occur to ensure correct operation. Detailed scope of testing will be agreed by Company and Seller to reflect installed systems and communication paths that tie the Facility to Company's communications system.
- (H) Various contingency scenarios to be tested to ensure adequate operation, including testing contingencies such as loss of communications, and fault simulations to ensure that the Facility's 69 kV breakers, if any, open as they are designed to open. (Back up relay testing)
- (I) Metering section inspection; verification of metering PTs, CTs, and cabinet and the installation of the two Company meters.

2. Telephone Communication.

- (A) Test to confirm Company has a direct line to the Facility control room at all times and that it is programmed correctly.
- (B) Test to confirm that the Facility operators can sufficiently reach Company System Operator.
- (C) Verification of dial-up telephone connection for 69 kV metering cabinet.

3. Drawings, Documentation and Equipment Warranties.

The items below are required components of the Acceptance Test and must be satisfied for successful completion of this Test.

- (A) Electronic and three (3) hard copies of all Switchyard construction drawings, specifications, calibrations, and settings including as-built drawings.
- (B) Equipment operating and maintenance manuals, spare parts lists, commissioning notes, as-built equipment settings, and other information related to the switchyard equipment.
- (C) Contractor construction warranties and equipment warranties.
- (D) Phase rotation testing to verify proper phase connections.
- (E) Switching Station inspections - The Switching Station may be inspected to test and ensure that the equipment that Seller has installed is installed and operating correctly based upon agreed-to design. Wiring may be field verified on a sample basis against the wiring diagrams to ensure that the installed equipment is wired properly. The grounding mat at the Switching Station may be tested to make sure there is adequate grounding of equipment.
- (F) If agreed by the Parties in writing, some requirements may be postponed to the Control Systems Acceptance Test.

ATTACHMENT O
CONTROL SYSTEM ACCEPTANCE TEST CRITERIA

**[THIS ATTACHMENT WILL NEED TO BE MODIFIED BASED ON THE RESULTS
OF THE IRS]**

- a. The Control System Acceptance Test ("CSAT") for the Facility will be conducted, following installation of the Facility. The CSAT procedures will be in accordance with criteria set forth herein. The CSAT shall be performed in accordance with Good Engineering and Operating Practices and demonstrate to Company's satisfaction that the Facility and the interconnection portion of the Facility, including Company-Owned Interconnection Facilities, have met the provisions of Article 8 (Company Dispatch) and Section 3 (Performance Standards) of Attachment B (Facility Owned by Seller).
- b. CSAT procedures will be developed by Company for the Seller's review at least sixty (60) Days in advance of performing the tests based on the date provided by Company.
- c. The procedures will include, but not be limited to, demonstration of the functional requirements of the Facility defined in Article 8 (Company Dispatch) and Section 3 (Performance Standards) of Attachment B (Facility Owned by Seller) such as, but not limited to:
 - i. Interconnection equipment and communications to support remote monitoring of the Facility and control of Facility breakers
 - ii. Droop characteristic and change of frequency control / response modes (if applicable)
 - iii. Real power delivery under remote Company Dispatch, Active Power Dispatch. Storage will be operated to perform at least two full charging/discharging cycles.
 - iv. Accurate provision of limits for Minimum and Maximum Dispatch (Dispatch Limits)
 - v. Ramp rates for controlled actions
 - vi. Control of Facility breakers

- vii. Voltage regulation
- vii. Grid forming and Black start (if applicable)
- viii. BESS Capacity Test and demonstration of the round trip efficiency of the Facility, each as described in Attachment W (BESS Tests)
- d. Testing of primary and redundant communications between Company System Operator and Facility Operator
- e. The actual dynamic response of the Facility equipment will be confirmed to allow Company transient stability model to reflect the as-left conditions of the unit. During the commissioning the following will be required:
 - i. A final review by Company engineers of the equipment installed to control the operation and protect the plant will be needed upon installation and prior to the start of commercial operation.
 - ii. The review will include off-line tuning and testing results of the excitation and governor control and/or control system and the IEEE block diagram utilized for the PSS/E dynamics program.
 - iii. During the commissioning of the actual Facility, equipment system testing will be conducted to ensure that similar, well damped, expected responses will be produced by the facility. The as-left parameters obtained from real and reactive local response tuning will be determined for use in the Company planning model. The Seller will provide an estimate of the earliest date for the Acceptance Test at least ninety (90) Days before the date.
- f. The CSAT procedures for the Facility will be mutually agreed upon between Seller and Company prior to conducting the test.
- g. When the Facility is ready for the CSAT, Seller shall notify Company at least seven (7) Days prior to the test and shall coordinate with Company. Seller shall perform and Company shall monitor such test no earlier than seven (7) Days from Company's receipt of such notice.

- h. The CSAT is to be successfully completed prior to the Commercial Operation Date.

Examples of the type of tests conducted to meet the aforementioned objectives may include, but are not limited to the following:

On-site Tests:

1. SCADA Test to verify the status and analog telemetry, and if the remote controls between the Company's EMS and the Facility are working properly end-to-end.
2. Dispatch Test to verify if the Facility's active power limit controls and the Active Power Control Interface with the Company's EMS are working properly. The Test is generally conducted by setting different active power setpoints and limits and observing the proper dispatch at the appropriate ramp rate limiting of the Facility's real power output.
3. Control Test for Voltage Regulation to verify the Facility can properly perform automatic voltage regulation as defined in this Agreement. Test is generally conducted by making small adjustments of the voltage setpoint and verifying by observation that the Facility regulates the voltage at the point of regulation to the setpoint by delivering/receiving reactive power to/from the Company System to maintain the applicable setpoint according to the reactive power control and the reactive amount requirements of Sections 3(a) (Reactive Power Control) and Section 3(b) (Reactive Power Characteristics) of Attachment B (Facility Owned by Seller) to this Agreement.
4. Frequency Response Test to verify the Facility provides a frequency droop response as defined in this Agreement. Test is generally conducted by making adjustments of the frequency reference setting and verifying by observation that the Facility responds per droop and deadband settings, and appropriately modifies the Company issued Dispatch Setpoint. If different modes of frequency response are provided, each mode is tested (i.e., isochronous, fast frequency response, active power droop response).
5. Loss-of-Communication Test to verify the Facility will properly shutdown upon the failure of the direct-transfer-trip communication system. Test is generally conducted by

simulating a communications failure and observing the proper shutdown of the Facility. [If DTT required for the Project]

6. Round trip efficiency test, as described in Attachment W (BESS Tests) to verify that the round trip efficiency of the BESS is not less than the percentage stated as the RTE Performance Metric in Project Specific Addendum.
7. BESS Capacity Test to verify the BESS Capacity Ratio.

Monitoring Test:

- a) The monitoring test requires the Facility to operate as it would in normal operations.
- b) To ensure useful and valid test data is collected, the monitoring test shall end 14 continuous Days from the start of the CSAT.
- c) At the end of the test, an evaluation period is selected based on the criteria that triggered the end of the test.
- d) The performance of the Facility during the period of the successfully completed monitoring test is evaluated for, e.g., voltage regulation, frequency response, dispatch control, operating limits and ramp rate performance, to verify the performance meets the requirements of this Agreement according to the criteria set forth in the testing procedures. Certain requirements, such as disturbance ride-through requirements, cannot be adequately tested without actual grid disturbances. These requirements will be confirmed following a grid event based on operational data, which may be after the completion of the Acceptance Test. The Parties understand and agree that a successful completion of the test does not constitute a waiver of any of the performance standards of Seller, all of which are hereby reserved, and shall not alleviate Seller from any of its obligations under the Agreement, in particular, as required in Article 8 (Company Dispatch) and the Performance Standards in Section 3 (Performance Standards) of Attachment B (Facility Owned by Seller).