

Service ID#: _____

Request #: _____

INTERCONNECTION APPENDIX FOR LEVEL 2 INTERCONNECTION

This Level 2 Interconnection Appendix (“**Interconnection Appendix**”) is part of the Volumetric Incentive Payment and Interconnection Agreement (“**Agreement**”) between Participant (_____) and PacifiCorp d/b/a Pacific Power (“**Pacific Power**”). Terms not defined in this Interconnection Appendix shall have the meaning set forth in the Agreement.

Article 1. Scope and Limitations of Interconnection Appendix

This Interconnection Appendix shall be used for all Applications to interconnect under the Level 2 System Interconnection Review procedures set forth in the Rules. This Interconnection Appendix contains standard terms and conditions approved by the Commission under which Participant’s Eligible System, which is described in Exhibit A to the Agreement (Application for Solar Incentive Program Interconnection) and which has a Nameplate Capacity of 500 kW or less, will interconnect to, and operate in parallel with, Pacific Power’s system.

Article 2. Review

2.1 Initial Review and Additional Review

In accordance with the Rules, Pacific Power conducted an initial review of the proposed interconnection. The initial review determined that the Eligible System (Pacific Power to select appropriate option):

meets all applicable requirements; or

failed to meet one or more applicable requirements, but additional review enabled Pacific Power to determine that the Eligible System could be interconnected consistent with safety, reliability and power quality standards. Participant authorized additional review and Pacific Power conducted such additional review and provided Participant with a good faith, non-binding estimate of the costs of required minor modifications. The required minor modifications are described in the attached **Attachment A**. A non-binding, good faith estimate of the cost and schedule for the required minor modifications is included in **Attachment B**.

Article 3. Inspection and Start-up

3.1 Upon completion of initial (and any subsequent) construction of the Eligible System, Participant shall provide Pacific Power the data listed in OAR 860-048-0400 and an As-built Supplement, which shall update information in Exhibit A to the Agreement

(Application for Solar Incentive Program Interconnection) to conform with the installed Eligible Facility.

- 3.2** Participant shall provide Pacific Power with written notice of the anticipated start date for operation of the Eligible System. The anticipated start date shall not be less than ten (10) business days after the date the Participant executes and returns the Agreement to Pacific Power.
- 3.3** An inspection of the Eligible System is required / is not required (Pacific Power to select option).
- 3.4** Witnessing of the Eligible System commissioning tests by Pacific Power is required / is not required (Pacific Power to select option).
- 3.5** **Participant shall not interconnect or operate the Eligible System in parallel with Pacific Power's distribution system unless all of the following have occurred:**
- 3.5.1** Approval of the interconnection by the electrical code official with jurisdiction over the interconnection;
- 3.5.2** Successful completion of any inspection or witnessing of commissioning tests, or both, required by Pacific Power under this Article (successful completion must be documented by written notice from Pacific Power to Participant stating that the inspection and/or commissioning test were completed to Pacific Power's satisfaction, such notice shall not be unreasonably withheld or delayed); and
- 3.5.3** Passing of the planned start date provided by Participant.

If the inspection and/or commissioning tests are not satisfactory, Participant will repair or replace the unsatisfactory equipment or otherwise address any problems and reschedule an inspection and/or commissioning test as appropriate.

PARTICIPANT SHALL NOT INTERCONNECT OR OPERATE THE ELIGIBLE SYSTEM IN PARALLEL WITH PACIFIC POWER'S ELECTRIC DISTRIBUTION SYSTEM UNTIL PARTICIPANT RECEIVES WRITTEN AUTHORIZATION FROM PACIFIC POWER INDICATING THAT THE INTERCONNECTION IS APPROVED, PARTICIPANT HAS PAID ANY AMOUNT DUE UNDER ARTICLE 6.2 OF THIS INTERCONNECTION APPENDIX, AND THE ELIGIBLE SYSTEM MAY BEGIN OPERATION.

Article 4. Standards

Participant will design its Eligible System to comply with the IEEE standards as that term is defined in OAR 860-084-0010. The Eligible System and all modifications and other Interconnection Facilities required to interconnect the Eligible System to Pacific Power's

distribution system shall be designed, maintained and operated in compliance with IEEE standards and in compliance with the National Electric Safety Code and the National Electric Code as adopted by Oregon statute or regulation.

Article 5. Eligible System Testing and Maintenance

Each Party shall be responsible for the safe installation, maintenance, repair and condition of their respective lines and equipment. Each Party shall provide Interconnection Facilities that adequately protect the other Party's facilities, personnel and other persons from damage and injury.

Participant shall conduct maintenance and testing as set forth in the Rules, including without limitation:

- 5.1** Annual Test. Participant shall conduct an annual test, at its expense, in which the Eligible System is disconnected from Pacific Power's system to ensure that the inverter stops delivering power to the grid.
- 5.2** Manufacturer-recommended Testing and Maintenance. Participant shall conduct any manufacturer-recommended testing or maintenance at its expense.
- 5.3** Testing for IEEE Compliance. Participant shall conduct any post-installation testing, at its expense, necessary to ensure compliance with IEEE standards as set forth in the Rules or to ensure safety. This includes replacing a major equipment component that is different from the originally installed model.
- 5.4** Records of Testing and Maintenance. When Participant performs maintenance or testing in accordance with the Rules, it must retain written records documenting the maintenance and results of the testing for seven (7) years.
- 5.5** Pacific Power Testing. After interconnection approval is granted, Pacific Power shall have the right to inspect Participant's facility at reasonable hours and with reasonable prior notice to Participant. If Pacific Power discovers that the Eligible Facility is not in compliance with the requirements of the Agreement, this Interconnection Appendix, the Rules, or Commission order, Pacific Power may require Participant to disconnect the Eligible System until compliance is achieved. Participant's electric service may be disconnected by Pacific Power if the Eligible System must be physically disconnected for any reason.

Article 6. Modifications

6.1 Minor Modifications (Pacific Power to select applicable option)

No minor modifications are required.

Pursuant to the additional review conducted by Pacific Power, minor modifications are required to enable the interconnection to be made consistent with safety, reliability and power quality standards applicable to Level 2 interconnection reviews. The Participant shall pay for the cost to procure, install, and construct, operate, maintain, repair and replace any such minor modifications. A description of the minor modifications may be found in Attachment A. A non-binding, good faith estimate of the cost of the minor modifications is provided in Attachment B and totals \$_____. Participant shall remit a payment deposit in the amount of the estimated cost of the minor modifications prior to Pacific Power commencing the work required for the minor modifications.

6.2 Payment

Participant shall submit a deposit of \$_____ [Pacific Power to insert total deposit amounts for all modifications] at the time it executes and submits the Agreement to Pacific Power. Pacific Power may require progress payments from Participant or Pacific Power may wait until construction and installation of all equipment and facilities are complete and the total actual cost of such equipment and facilities has been established and then provide Participant with a statement indicating whether actual cost was more or less than the deposit paid by Participant. If actual costs exceed the deposit, Pacific Power will invoice Participant for the balance and Participant shall pay any such invoice within 30 days of receipt. If actual costs are less than the deposit, Pacific Power will refund the difference to Participant. Participant shall pay any balance owing prior to initial operation of the Eligible System.

Attachment A
Required Modifications

[Pacific Power to insert required modifications]

Disconnect Switch. The following disconnect switch requirements shall apply (Pacific Power to select case that applies):

The Eligible System must include and maintain a manual disconnect switch that will disconnect the Eligible System from Pacific Power's distribution system. The disconnect switch must be a lockable, load-break switch that plainly indicates whether it is in the open or closed position. The disconnect switch must be readily accessible to the Pacific Power at all times and be located within 10 feet of the Pacific Power meter. The disconnect switch may be located more than 10 feet from the Pacific Power meter if permanent instructions are posted at the meter indicating the precise location of the disconnect switch. Participant shall obtain Pacific Power's written approval of the location of the disconnect switch prior to the installation of the facility. Participant shall install and maintain the required disconnect switch at Participant's expense.

No disconnect switch is required because customer service is 600 volts or less and the Eligible System is inverter based with a maximum rating as shown below:

- (a) Service type: 240 Volts, Single-phase, 3 Wire—Maximum size 7.2 kilowatts
- (b) Service type: 120/208 Volts, 3-Phase, 4 Wire—Maximum size 10.5 kilowatts
- (c) Service type: 120/240 Volts, 3-Phase 4 Wire—Maximum size 12.5 kilowatts
- (d) Service type: 277/480, 3-Phase, 4 Wire—Maximum size 25.0 kilowatts
- (e) For other service types, the Eligible System must not impact the Participant's service conductors by more than 30 amperes.

Attachment B
Non-Binding, Good Faith Estimate of Modifications Cost and Schedule