

Service ID#: _____

Request #: _____

**INTERCONNECTION APPENDIX
FOR
LEVEL 1 INTERCONNECTION**

This Level 1 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 1 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 and which has a Nameplate Capacity of 25 kW or less, will interconnect to, and operate in parallel with, Pacific Power’s system.

Article 2. **Applicability**

Participant shall be a customer with an Eligible System located on Participant’s premises and shall consist of eligible generation facilities as defined in the most current version of Pacific Power & Light Company Oregon Schedule 136 with a Nameplate Capacity of not more than 25 kW.

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 at least 5 days written notice of the anticipated start date for operation of the Eligible System.
- 3.3** An inspection of the Eligible System is required / is not required (Pacific Power to select option).
- 3.4** **Participant shall not interconnect or operate the Eligible System in parallel with Pacific Power’s distribution system unless all of the following have occurred:**
 - 3.4.1** The Eligible System is in compliance with all applicable building codes;

3.4.2 Successful completion of any inspection required by Pacific Power under this Article (successful completion must be documented by written notice from Pacific Power to Participant stating that the inspection was completed to Pacific Power's satisfaction, such notice shall not be unreasonably withheld or delayed); and

3.4.3 Installation of any required meter upgrade.

If the inspection is not satisfactory, Participant will repair or replace the unsatisfactory equipment or otherwise address any problems and reschedule an inspection.

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 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. 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 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 Participant's service conductors by more than 30 amperes.