

**Emerald People's Utility District
Generation Interconnection Policy
Approved by Board December 10, 2013**

This Generation Interconnection Policy sets forth the requirements and conditions that non-utility-owned electric generation facilities must meet in order to be connected for parallel operation with the electrical system of the Emerald People's Utility District (District). A generating facility (Facility) will be permitted to interconnect only after and so long as the Facility's owner (Applicant) has met all conditions set forth in this policy, and any other District policy.

General Requirements

- Applicants who wish to interconnect a Facility to the District's system must:
 1. Submit a completed Application for Generation Interconnection together with a one-line diagram of the proposed Facility and the appropriate fees.
 2. Obtain District approval of the Application and specifications of the proposed Facility.
 3. Sign an interconnection agreement with the District, under which the Applicant must explicitly agree to the terms of this Generation Interconnection Policy.
 4. Sign a service agreement with the District. A service agreement may be one of the following types:
 - Net Metering Agreement
 - Power Purchase Agreement (PPA)
 - Distribution Agreement
 5. Pay for any and all changes or additions to District facilities to accommodate new or modified Facilities in accordance with the District's Line Extension Policy and this Generation Interconnection Policy.
 - For Net Metering Facilities as defined in the District's Net Metering Policy, the incremental expense for additional or enhanced metering capable of registering the net flow of electricity to the District will be provided by the District.
 - For other facilities, additional costs may be assessed to cover financial, operational or other impacts on the District's system.
 6. Pay for any and all costs incurred by the District resulting from applicable requirements of third parties, including but not limited to the Bonneville Power Administration, PacifiCorp, WECC, WREGIS, etc.
 7. Obtain final written District approval prior to interconnecting the Facility.
- At its discretion, the District may require studies to assess the feasibility and reliability impacts to the District's system related to the proposed Facility. These studies will be conducted at the Applicant's expense.
- Applicant will be responsible for paying any future expenses related to operations and maintenance of District facilities incurred solely as a result of the Facility's interconnection.

Interconnection Requirements

Both the Applicant and the Facility shall adhere to the most current editions of all relevant regulations and standards including but not limited to:

- All District policies, including this Generation Interconnection Policy, the Customer Service Policy, and the Line Extension Policy.

- The National Electrical Code (NEC)
- The National Electric Safety Code (NESC)
- Institute of Electrical and Electronics Engineers (IEEE) Standard:
 - 519: Recommended Practices and Requirements for Harmonic Control in Electrical Power Systems
 - 1547: Standard for Interconnecting Distributed Resources with Electric Power Systems
- The Oregon State Building Codes Division
- Underwriters Laboratories (UL)
- The North American Electric Reliability Corporation (NERC)
- The Western Electricity Coordinating Council (WECC)
- The Western Renewable Energy Generation Information System (WREGIS)
- Other pertinent federal, state, local, and manufacturers requirements, including District standards and equipment manufacturer's safety and operating manuals.

At a minimum, the Applicant and Facility must meet the following requirements:

- For solar electric facilities larger than 10 kW in nameplate capacity, the Facility shall have a manual disconnect switch that is clearly visible from the meter and is accessible by the Applicant and District at all times. The switch shall provide a visible open between the Facility and the District's source. The manual disconnect switch shall be lockable in only the open position.
- The Facility's protective devices at the service panel shall be marked to indicate power source and connection to the District's system.
- The Applicant shall assume full responsibility for all maintenance of the protective equipment. Maintenance records shall be available to the District for inspection upon request.
- The Facility's protective equipment shall automatically disconnect the Facility from the District's system in the event of operating anomalies on the District's system, including but not limited to outages, loss of one or more phases, and/or voltage or frequency fluctuations beyond 10% of nominal. The Facility shall not reconnect until normal operating conditions have been restored for at least five (5) minutes continuously. At the District's option, the District may manually disconnect and/or restore the power generation.
- Additional requirements as set forth in any separate contract, District policy or otherwise required by law.

The Facility may not be brought on-line until the District has inspected and provided written approval of the interconnection facilities. The District shall have the right to have representatives present at the initial testing of the Applicant's protective apparatus and to periodically inspect the Facility to ensure that appropriate safety standards continue to be met.

Special Conditions

- The District shall not be liable, directly or indirectly, for permitting or continuing to allow the interconnection of a Facility, for failure to inspect the Facility, for failure to detect or report defects in design, workmanship, or maintenance of the Facility or any of its components, or for the acts or omissions of the Applicant that cause property damage, or loss, or injury, including death, to any party.
- The District shall have the right to disable a Facility from delivering power to the District's system at any time.

- The Facility and all equipment between the point of delivery and the Facility shall remain the sole property and responsibility of the Applicant.
- No changes or modifications shall be made to the Facility or its ownership without the consent of the District.