

Glossary of Terms

Electric Utility Contact Information

Electric Utility: The municipality, co-op, or regulated company whom owns the electrical system to which you wish to connect your generation.

Customer / Account Information

Electric Utility Customer: The individual or company whom receives electrical distribution service from the Electric Utility.

Customer E-Mail Address: Although optional, this tool provides timely transfer of documentation between the Electric Utility and the Electric Utility Customer.

Electric Service Account #: The account number located on the Electric Utility Customer electric bill.

Single Point of Contact: A designated point of contact for the Electric Utility. All communications will be directed to this contact from the beginning of the application process until the generation is placed in service by the Electric Utility. This designated contact will provide the technical equipment and site information needed for the processing of the interconnection request.

In Service Date: The anticipated date at which the generation installation and electrical inspections shall be completed.

Requested Rate

Rate:

Historical / Estimated annual electric consumption:

Anticipated annual electric production: The anticipated total kWh electrical output of the connected generating device calculated on an annual basis.

Anticipated electric customer load growth: Anticipated electrical load increase due to building expansion, and major electrical loading (Addition of radiant heating, pool, electric car charging, etc)

Parallel Operating Agreement: A signed agreement between the Electric Utility and Electric Utility Customer governing generation type, size, rate, installed location, design, testing, maintenance, disconnection, access to property, indemnity and liability, insurance, breach and default, governing law, amendments, modifications, waiver, notices, term, third party, assignment, and severability. This agreement is required for generating equipment operating in parallel with the Electric Utility.

Generation System Site Information

Electric Service Meter #: This meter number is located on the face of the electric meter and also indicated on the Electric Utility Customer electric bill.

Site Plan: A drawing which identifies the physical location of the generation, metering, visible break, and ancillary equipment associated with the project. Structures, property lines, and adjacent roads are included for reference. A good resource for the basis of the drawing can be acquired from the local assessor's office. A sample site plan is included with the "Generator Interconnection Application".

Electrical One Line: A drawing which identifies the electrical path from the generator to the connected Electrical Utility. Each electrical device (Generator / Inverter, Visible break, metering, and distribution panel) shall be identified for its physical location and electrical characteristics. A sample one-line drawing is included with the "Generator Interconnection Application".

A.C. Nameplate Rating:

Single Phase:

Three Phase:

UL 1741 Scope 1.1 A: Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources: 1.1A For utility-interactive equipment, these requirements are intended to supplement and be used in conjunction with the Standard for Interconnecting Distributed Resources With Electric Power Systems, IEEE 1547, and the Standard for Conformance Test Procedures for Equipment Interconnecting Distributed Resources with Electric Power Systems, IEEE 1547.1.

Generation System Site Information

Interconnection Study: