



Lincoln Electric System

REQUIREMENTS FOR INVERTER BASED RENEWABLE GENERATION SYSTEMS LESS THAN 100 kW_{AC}

Technical requirements for Qualifying Facilities which use an inverter to interconnect to LES are listed below. Qualifying Facilities are defined by the Public Utilities Regulatory Policy Act of 1978 (PURPA) generally as renewable energy powered generators and cogeneration units.

Requirements for 0 to 100 kW_{AC} systems:

- Meet or exceed IEEE 1547 Standard
- Meet or exceed UL 1741 Standard
- Install a lockable disconnect switch between the generator and the electric meter in a location which is accessible to LES personnel

For systems greater than 100 kW_{AC}, contact LES staff.