

Pre-Review Checklist for CL&P DG Customers

All Customers must include the following for the initial review **where applicable**:

1. Application
2. One-Line Diagram must show the interconnection facilities and the generator:
 - a. One-line Diagram must have PE stamp.
 - b. Interconnecting Transformer: If customer owned, include the size, impedance, winding connections, neutral impedance, voltage and any relaying protection.
 - c. Customer's main, load and generator breakers
 - d. Customer's primary switchgear or secondary switchboard.
 - e. Generator: Include the size, voltage, power factor, neutral impedance, relaying with protection functions, the devices they trip, and operating characteristics (if applicable).
 - f. Interconnecting protective relaying: Include all functions and which device they trip with the manufacture (s) and model number (s).
 - g. CT's and PT's: Include ratios, number of PT's or CT's, winding connections voltages.
 - h. Interlocks: Include any interlocks especially if they are used to prevent energizing a de-energized CL&P circuit.
 - i. Lockout relays and the devices they trip (if applicable).
 - j. Inter-tie relay setting and any generator setting that is used to detect faults on the CL&P system.
 - k. Revenue Metering: Include meter location, PT's and CT's
 - l. Disconnecting devices.
 - m. Customer loads and operating voltages.
 - n. Site Diagram.
3. Provide an electronic copy of the "Operating/Instruction Manual" for the required relaying or inverter protection functions.
4. Operating Description of the proposed generation and protection describing the normal and any abnormal operating configuration (if applicable).
5. Three-line diagram, protection schematic (s), test procedure and down-loaded settings to be provided at a later time.