

## DER Electrical Inspection Checklist

This checklist can be used to assist a local Authority Having Jurisdiction (AHJ) with inspecting customer inverter-based DER installed in PPL Electric Service Territory.

To complete an electrical inspection of an inverter-based distributed energy resource (DER), the customer/contractor should provide the following documentation:

- Interconnection Application/Agreement Part 1 signed by PPL Electric
- [DER One-line Diagram \(Electrical and Communications\)](#)

The following shall be verified prior to the submission of a DER customer's cut-in-card:

- ☐ The customer's wiring and electrical apparatus shall be installed, maintained, and operated by the customer in accordance with and in conformity to any and all, local or other governmental requirements, the National Electrical Code and the IRC, and these rules.
- ☐ The installed inverter(s) should match the quantity, model and manufacturer of the inverter(s) submitted in the application. Customer should provide the Interconnection Application/Agreement Part 1 signed with PPL Electric.
- ☐ The installation must have a utility approved means of disconnect (one of the following):
  - [Lockable visible AC Disconnect](#)
  - [Draw-out Circuit Breaker](#)
  - [Utility-provided ConnectDER Meter Collar](#) (REMSI Sketch 56 only)
- ☐ Customer shall ensure a communications port earmarked for utility use remains safely accessible to utility personnel at all reasonable times. Communications port shall be installed no higher than 5 feet above level grade and provide a minimum safe working space of 3 feet by 3 feet. Ladders or any other portable steps shall not be necessary to reach the equipment. Safe workspace shall contain no obstructions that impede operation of, or access to, the earmarked communications port.
- ☐ Customer shall provide a 120V or 277V power source near the communications port for PPL Electric's DER Management device if the inverter(s) operate at 480V or higher.