

# Standards and Quality Assurance

NY-Sun



The Standards and Quality Assurance Team manages a network of third-party inspectors to verify a sampling of projects for compliance with program and technical requirements.

This fact sheet is part of a series aimed at helping contractors become knowledgeable about common nonconformances in the NY-Sun Residential and Nonresidential Program.

## Grounded Conductor Brought to Service Equipment

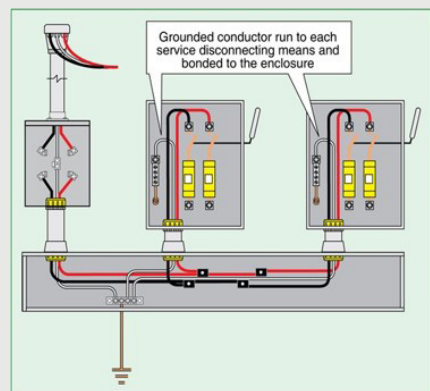
Data collected from NYSERDA inspections indicates that one of the top major requirements observed as a nonconformance in the NY-Sun Residential and Nonresidential Program is: “The grounded conductor(s) shall be routed with the ungrounded conductors to each service disconnecting means and shall be connected to each disconnecting means grounded conductor(s) terminal or bus.”

**To help eliminate or reduce the frequency of this nonconformance the Quality Assurance Team suggests:**

1. Ensure the installation crew has the current set of plans on site, which include the grounded conductor.
2. Verify crew lead thoroughly understands the plans.
3. Confirm the correct parts have been ordered and are on the truck.

### 250.24(C) Grounded Conductor Brought to Service Equipment

- Grounded conductor run to each service disconnecting means from wireway.
- Provides vital path for fault current to return to the source (Utility transformer)



## Have questions?

If you have questions, please contact: [inspections@nyserda.ny.gov](mailto:inspections@nyserda.ny.gov).