



City of Warrenville Photovoltaic Installation Inspection Checklist

The following is a checklist of what the inspector(s) will observe on all solar construction projects:

- Approved documents are on site at time of inspection.
- Contractor or trained end user is on site at time of inspection.
- Attic Inspection to observe fasteners are have a positive attachment to the roof deck rafters.
 - Fasteners exposed indicating improper attachment must be corrected.
- Roof deck inspection to observe proper mounting assemblies are utilized per manufacture requirements.
 - Top singles not place over the flashing component must be corrected.
 - Fasteners not torqued down must be corrected.
- PV array setbacks meet three foot distance from edge of roof gable and ridge.
- System is fully bonded and grounded.
 - Grounding lugs are provided where required.
 - Dissimilar are not in contact with each other.
- Proper wire management is utilized.
- Rapid shutdown disconnect is provided next to PV array.
- Warning labels are installed and of correct design and wording.
 - On inverter(s).
 - On all disconnecting means.
 - On service equipment.
 - On equipment containing overcurrent devices.
 - On all junction boxes and exposed raceways (every 10 feet).
 - On the rapid shutdown disconnect.
- Continual grounding and bonding is provided from PV array to all components and to the earth.
- Witness that system is producing electrical energy with service equipment.