



## Requirements for Electrical Permit Submittal for Residential and Light Commercial **Solar Photovoltaic Installations**

**Please include the following with your Electrical permit application:**

SIMPLE plot plan showing property line locations, approximate location of all structures, the location(s) of the panel installations, and the main service location.

Specify the locations of all equipment and disconnects (i.e., "located on exterior face of west wall of house and clarify any interior locations of equipment")

Provide a single line drawing of the electrical installation which includes the following information:

- PV panel layout,
- PV power source short circuit current rating,
- conductor size, type, locations and lengths of runs,,
- wiring methods,
- grounding points,
- inverter location,
- disconnect locations,
- battery locations (if applicable),
- point of connection to the existing electrical system. Include the existing service size and number of meters.
- Provide manufacturer's specification sheets on all components including but not limited to inverters and panels, which include the make, model, listing, size, weight.

**\*\*\*Safe access to the roof must be provided by the contractor for all inspections\*\*\***

- Solar Photo Voltaic systems cannot be energized without an inspection and approval of the City Electrical Inspector
- Check with Burlington Electric Department about net metering requirements.
- An energizing permit is required for net metering and will be issued when all inspections are complete and the system is approved.

**Until a written approval is given, the system cannot be energized**

- If the system is utility interactive, a net meter must be installed by Burlington Electric Department before the system can be used. You must complete a service application for Burlington Electric Department. Follow this [link](#) to the application page.