



SOLAR LOAN PROGRAM

Technical Worksheet - Solar Electric Equipment Information

Application Date: _____

Applicant Name: _____

A: EQUIPMENT INFORMATION

- Solar Electric Module Manufacturer: _____ Module Model Number: _____
- Power Rating per Module: _____ DC Watts (Refer to STC conditions) Number of Modules: _____
- Total Array Output: _____ DC Watts (No. of Modules x Power Rating)
- Inverter Manufacturer: _____ Inverter Model Number: _____
- Inverter's Continuous AC Rating: _____ AC Watts Number of Inverters: _____
- Total Inverter Output: _____ AC Watts (Inverter Continuous AC Rating x Number of Inverters): _____
- Inverter's Peak Efficiency: _____ (Refer to manufacturer's peak efficiency rating)

B: PROPOSED INSTALLATION/INTERCONNECTION INFORMATION

- Solar Electric Array Location: _____ Rooftop _____ Pole Mount or Ground Mount Location
- Solar Electric Module Orientation: _____ degrees (e.g., 180 degrees magnetic south)
Note: In Central New Jersey, magnetic south compass reading is 10 degrees east of true south.
- Solar Electric Module Tilt: _____ degrees (e.g., flat mount = 0 degrees; vertical mount = 90 degrees)
- Solar Electric Module Tracking: _____ Fixed _____ Single-axis _____ Double-axis
- Inverter Location: _____ Indoor _____ Outdoor Location: _____
- Utility-Accessible AC Disconnect Switch Location: _____
- System Type and Mode of Operation:
 - _____ Utility interactive (parallel/capable of backfeeding the meter)
 - _____ Utility interactive with battery backup (capable of backfeeding the meter)
 - _____ Dedicated circuit, utility power as backup (transfer switch)
 - _____ Dedicated circuit, battery charging, utility power as backup (transfer switch)
 - _____ Stand-alone (system confined to an independent circuit, no utility backup)
 - _____ Stand-alone with battery backup (system confined to an independent circuit, no utility backup)
- A one-page site map must accompany this application. This document must indicate the location of the solar electric modules, the inverter, batteries (if any), lockable disconnect switch, and point of connection with the utility system. The installation address, current account number at that address, and the installer's name and telephone number must also be included on the site map.

C: WARRANTY INFORMATION

- Module: _____ Years at _____ Percent of Rated Power Output
- Inverter: _____ Years
- Installation: _____ Years