



# 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 (use true North, not magnetic North)
- 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: WARRA NTY INFORMATION

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