



Solar for business simplified!

# Solar Operations & Maintenance Plan

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## Purpose

Ensure ongoing operations and maintenance (O&M), including repair and replacement (R&R) to maximize system performance and increase the energy delivery of a PV System

## System Monitoring

**Responsible Party:** SolBid, Inc.

**Cost:** 1 year coverage included in purchase from date of Utility provided Permission-to-Operate. Additional coverage may be purchased after this period at the owner's expense.

**Job Holder:** SolBid, Inc.

**Task:** Monitor the energy output of the PV system for the life of the system. If any drop in performance is identified, the responsible party is to virtually diagnose the system and notify the PV System Owner.

**Recommended Interval:** Consistent

## System Electrical Inspection

**Responsible Party:** PV System Owner

**Cost:** Billable

**Job Holder:** Electrical Contractor

**Task:** Inspect the following PV System components:

- Modules, Wiring & Connections
- Junction Boxes & Conduit
- Inverters
- AC Combiner Panel & Disconnect Breakers/Fuses
- Mounting System
- Customer Owned Transformer \*(If Present)

**Recommended Interval:** Annual or Semi-Annual

## Warranty RMA Requests

**Responsible Party:** SolBid, Inc.

**Cost:** 1 year coverage included in purchase from date of Utility provided Permission-to-Operate. Additional coverage may be purchased after this period at the owner's expense.

**Job Holder:** SolBid, Inc.

**Task:** If any equipment failures happen during the manufacturer's warranty period, that are replaceable under the Manufacturer's warranty, the responsible party is to request a Return Merchandise Authorization (RMA) from the manufacturer and to handle the shipping of the replacement component and return of the defective component.

**Recommended Interval:** As needed

## Replacement Component Procurement

**Responsible Party:** PV System Owner

**Cost:** Billable

**Job Holder:** SolBid, Inc.

**Task:** If any components failures happen that are not replaceable under the Manufacturer's warranty, SolBid will procure a replacement item under the authorization of the PV System owner.

**Recommended Interval:** As Required

## Replacement Component Labor

**Responsible Party:** PV System Owner

**Cost:** Billable

**Job Holder:** Electrical Contractor

**Task:** Replace and test any replacement components provided that fail. Return any components to SolBid, Inc that are under an RMA.

**Recommended Interval:** As Required



## PV Array Area Maintenance

**Responsible Party:** PV System Owner

**Cost:** Billable

**Job Holder:** PV System Owner /or/ 3rd Party as hired by PV System Owner

**Task:** Maintain area around PV Array. Keep free from debris.

**Recommended Interval:** As Required - Semi-Annual

## PV Array Cleaning

**Responsible Party:** PV System Owner

**Cost:** Billable

**Job Holder:** PV System Owner /or/ 3rd Party as hired by PV System Owner

**Task:** Clean solar panels from the following. \*We recommend using a powerful turbo-fan and water from a hose to clean panels. A mild dish detergent can be used as well.

- Heavy Soot/Dust/Industrial pollution accompanied by limited to no Rainfall
- Large Amounts of Pollen accompanied by limited to no Rainfall
- Salt Accumulation in Areas near ocean accompanied by limited to no Rainfall
- Large Bird populations
- Accumulated Snow >18" with continuous below freezing temperatures in forecast

**Recommended Interval:** As Required