

To ensure long-term performance of LIWP funded PV systems, the LIWP Program requires that all solar energy systems have a warranty of no less than 10 years to protect against defects and undue degradation of electrical generation output. This warranty must include the following:

- All photovoltaic modules and inverters must appear on the CEC SB1 list of approved equipment.
- All solar energy equipment for electricity generation (PV modules, inverters, solar collectors, tracking mechanisms, heat exchangers, pumps, and heat-driven cooling systems) shall have a minimum ten-year manufacturer performance warranty to protect against degradation of electrical generation output of more than 15% from their originally rated electrical output.
- All contractors shall provide a minimum ten-year warranty to provide for no-cost repair and replacement of the system in the event of defect, failure, or production shortfall under normal operating conditions and for any expenses not otherwise covered by the manufacturer.
- All contractors shall provide a minimum ten-year warranty to protect the system owner against degradation of electrical generation output greater than 15% that may occur due to faulty installation.
- Meters must have a one-year warranty to ensure against defective workmanship, system or component breakdown, or degradation in electrical output of more than 15% from their originally rated electrical output during the warranty period. For meters that are integrated into the inverter, the meter warranty period must be 10 years.

For all tenant offsetting PV systems, including VNEM applications with tenant meter allocations, the LIWP Program requires an extended twenty-year inverter material warranty, which will provide insurance against inverter malfunctioning for twenty years and guarantee inverter equipment replacement (material only) after the initial ten-year equipment warranty expires.¹

System Owners are responsible for maintaining PV system(s) in good operating condition, including, but not limited to, inspecting panels for dirt/debris and cleaning them when needed, reporting broken components, trimming trees that impact energy production, etc. System Owners must develop and implement an Operations and Maintenance Plan that includes provisions for regular performance monitoring, panel cleaning and routine maintenance, and responding to and remedying production shortfall or failure. System owners must review this O&M Plan with their Technical Analysts for review/feedback prior to incentive payment.

For all tenant-offsetting systems, please fill out the required information below and enclose documentation for the warranty terms for all products covered, evidence of extended warranty cost, and proof of warranty issuance.

¹ LIWP incentive rates for tenant offsetting systems already account for the additional costs associated with purchasing extended inverter warranty.

