

Maintenance Scope Clarification Presentation – Maqhashiya Solar PV Project

16 September 2026



The Contractor shall include operation and maintenance support during the defects liability period for the Solar Home System installations. These requirements are intended to support safe operation, sustained performance, early defect identification and orderly handover to Eskom.

Defects liability obligations

- As part of the defect's liability period, the Contractor shall correct defects attributable to any of the following:
- Poor workmanship.
- Incorrect installation.
- Defective materials.
- Failure to achieve the specified performance requirements.

Maintenance services during the defect's liability period

- The Contractor shall create a preventative maintenance schedule, a corrective maintenance plan and provide maintenance services during the defect's liability period, including the following as applicable conjunction with 240-171000351:
- Quarterly Scheduled inspections.
- Quarterly cleaning of relevant Solar PV and enclosure components.
- Preventive maintenance activities (this can also be initiated by poor system performance).
- Monitoring of system performance and alarms.
- Firmware and software updates were required by the equipment manufacturer or Eskom.
- Download and backup monthly to be handed over to Eskom Engineering.
- Battery health checks.
- Quarterly corrosion inspections of the support structure, enclosure, fixings, fasteners, electrical terminations and associated components.

Fault Response During Defects Liability Period.

- The Contractor is to respond all faults during the first year within a time period defined by Eskom.

Spare Holdings

- The Contractor shall provide a recommended spare parts schedule for all major equipment supplied under the Works. The schedule shall identify the spare parts required to support routine maintenance and fault response during the operational life of the installation. Allowance for spare parts should typically be in the range of 2% to 5% of the value of major components such as PV modules, inverters, and batter