



Electrical news

ESV is piloting a (solar) roof component inspection program

For Licensed Electrical Inspectors (LEIs)

ESV has been working with NECA and the Institute of Electrical Inspectors (IEI) to improve the inspection process and ensure LEI's have the appropriate tools and methods to carry out solar inspections.

In collaboration with Solar Victoria and WorkSafe Victoria the group has developed a checklist and process for LEIs to follow when performing solar installation inspections that will be trialled in a pilot program.

The pilot program

- Will run for 12 weeks from September 2021
- Involves five participating LEIs, and

is restricted to solar installations meeting all of the following criteria:

- residential installations, part of the [Solar Homes program](#)
- installations on single storey buildings
- installations consisting of a single DC string arrangement, connected to a single maximum power point tracker (MPPT) inverter, and
- PV arrays incorporating a minimum of four earthing star-cutting washers at each panel and clamp connection.

Read the detailed protocols of the [Residential Solar - LEI roof component inspection pilot](#).

The pilot outcomes

Upon completion of the pilot and audits, a comparison against the initial compliance rate of each participating LEI will be established and assessed.

To be successful, ESV expects the audit data will demonstrate at least an equivalent compliance rate (compared to the baseline) and no unsafe defects.

ESV will publicly report its findings and position on the outcome of the pilot.

Community engagement

ESV will develop and provide information to property owners and occupiers regarding the installation of their solar system that forms part of the pilot program. It will include information on the nature of the pilot and advise that the installation may be subjected to additional auditing or inspection by Solar Victoria auditors or ESV staff.

Further questions

If you have further questions regarding the pilot program, please email our technical information line at ElectricalInstallationEnquiries@energysafe.vic.gov.au or call us on (03) 9203 9700 (select option 2).



