

3 November 2011

**IMPORTANT ADVICE TO INSTALLERS OF GRID CONNECTED SOLAR SYSTEMS  
(PV SYSTEMS)**

**Eltech ISO-MAX 1000V DC Switch Failures**

Energy Safe Victoria has been advised of several fires involving this DC switch isolator. The Australian supplier, Eltech Industries, has commenced an investigation into the cause of the switch failures and is working with ESV to identify the cause and initiate an appropriate response.

**Products affected:**

Model No. LS16 DCISO 1000V

Model No. LS25 DCISO 1000V

Model No. LS32 DCISO 1000V

The switches are used in domestic and small-scale commercial solar power installations. To date, approximately 27,000 switches have been supplied. Testing is currently being conducted to determine the cause of failure and the number of switches affected. Results are expected in the second week of November 2011.

These results will assist in deciding what action will be taken.

As a precaution, it is recommended that new installations fitted with these model switches not be connected to supply or used.

While in normal operation there is little risk of failure, should you wish to turn off the system it should be done in accordance with the shutdown procedure supplied. If you are not sure of the procedure, shut down by turning off the isolator switch but only do this **AFTER DARK**.

If you have any further queries please contact the supplier Eltech Industries on 03 9737 2100 or email [info@eltechindustries.com.au](mailto:info@eltechindustries.com.au).

Kind regards

A handwritten signature in black ink, appearing to read "N. Fraser".

Neil Fraser  
**EXECUTIVE MANAGER**  
**ELECTRICAL INSTALLATIONS, LICENSING AND EQUIPMENT SAFETY**