

Electrical Industry Alert



New Inverter Requirements

This alert is to remind the solar industry in Victoria that after 9 October 2016, all new grid connected inverter installations are required to have inverters installed that are fully compliant with AS/NZS 4777.2:2015.

The current edition of AS/NZS 4777.2:2015 was published on 9 October 2015 to supersede both AS 4777.2:2005 and AS 4777.3:2005. There was a twelve month transitional period where inverters complying with the previous edition (2005) of AS 4777.2:2005 and AS 4777.3:2005 may have been installed.

On 9 October 2016, the transitional arrangements in AS/NZS 4777.2:2015 come to end.

There are many differences between the current edition of AS/NZS 4777.2:2015 and the previous one; the new requirements provide for an improvement in safety outcomes with respect to the design, construction and operation of inverters intended for use in inverter energy systems and for the injection into the grid of electric power through an electrical installation's wiring.

Energy Safe Victoria considers applications for exemption from Australian Standards that are made in accordance with regulation 401 of the Electricity Safety (Installations) Regulations 2009. However, in this case there has been a significant transition period and ESV is only likely to consider applications for exemption where the installation work was commenced prior to 10 October 2016 and the installation cannot be altered and made to comply.

A handwritten signature in blue ink, appearing to read "Brent Matthews", with a long horizontal line extending to the right.

Brent Matthews
Manager, Electrical Installation Safety
4 October 2016