

MEDIA RELEASE



12 October 2016

Revisions to Inverter Energy Systems Standard

The revised edition of AS/NZS 4777.1, *Grid connection of energy systems via inverters, Part 1: Installation requirements*, was recently published. AS/NZS 4777.1 covers inverter energy systems (IES) connected to the grid at low voltage and clarifies requirements for energy sources other than photovoltaic (PV).

The revision addresses industry-wide advancements such as the adoption of a variety of energy sources and the larger capacity inverter energy systems that are now available to domestic and business customers.

The revision was drafted by Technical Committee EL-042, Renewable Energy Power Supply Systems & Equipment.

“As the clean energy industry experiences rapid change, AS/NZS 4777.1:2016 provides a more consistent and efficient set of practices,” explained Nigel Wilmot, Co-Chair of EL-042 and Senior Standards and Policy Engineer at Western Power.

“The new edition of the standard will bring benefits to domestic and commercial customers wishing to take advantage of the falling prices of systems, the rapidly changing solar PV market and advancements in battery technologies.”

Sandy Atkins, Co-Chair of EL-042 and Accreditation Manager, Clean Energy Council, described other ways in which Australia will be impacted by these revisions.

“The advancements in the new standard will help to deliver a smarter energy system which will help to build resilience across the grid and empower consumers to better manage their electricity use using new technologies.”

The standard addresses many common impacts on the quality of supply on the electricity grid affecting customer system performance. The revisions to the standard intend to allow continued installation of more inverter energy systems without the unwanted impacts on customer systems.

ENDS.

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