

Media Release—for immediate distribution  
**Wednesday, 25 January 2012**

## **ENA welcomes publication of the new Australian Standard for steady state Voltages in public electricity systems.**

The Energy Networks Association (ENA), on behalf of its member electricity distribution businesses, welcomes the recent publication by Standards Australia of the new voltage standard AS 61000.3.100. The standard is the culmination of years of effort by industry, regulatory and community representatives participating through Standards Australia Committee EL-034 (Power Quality).

The new standard:

1. harmonises the steady state voltage definitions for Australia;
2. stipulates a method for measuring steady state voltage and defines extremity limits, that can be used to measure quality of the electricity supply received by customers;
3. defines a preferred voltage range for the average supply voltage, which will:
  - assist in the connection of low voltage embedded generation;
  - improve compatibility and harmonisation with global equipment standards, leading to improved efficiency and life expectancy of electrical equipment; and
  - underpin the Australian adoption of the international voltage of 230V (nominal).

ENA believes that the new voltage standard will ultimately result in bringing Australia in line with the 230V (nominal) voltage standard for which most electrical equipment is now designed, manufactured and rated.

Ends.

Contact:  
Simon Bourke  
phone: 02 6272 1513  
mobile: 0402 219 198  
email: [sbourke@ena.asn.au](mailto:sbourke@ena.asn.au)

*ENA is the peak national body for Australia's energy networks; and represents gas distribution and electricity network businesses on economic, technical, environment and safety regulation as well as national energy policy issues.*