



Australian Government

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13 June 2008

Mr Ian Woodward
Australian Energy Market Commission Commissioner and
Reliability Panel Chairman
Australian Energy Market Commission
PO Box A2449
Sydney South
NSW 1235

Dear Mr Woodward

The National Measurement Institute (NMI) has an interest in contributing to the future development of measurement standards and protocols in the National Electricity Market (NEM).

NMI is responsible under the *National Measurement Act 1960* for establishing and maintaining Australia's primary measurement standards and providing the peak infrastructure that enables measurements in Australia to be accepted nationally and internationally.

NMI maintains the national measurement standards for electrical quantities and uses these measurement standards as the basis for accurate electrical measurements. In the area of high-voltage measurement, for example, NMI's Lindfield laboratory has Australia's largest high-voltage measurement and testing facility, equipped with power supplies for direct, alternating, and impulse voltages up to several megavolts. NMI provides extensive contract measurement, testing, R&D and instrument development services for the Australian electrical power industry, and for overseas electrical power bodies.

NMI also participates in technical committees of the International Electrotechnical Commission providing Australian input into international electrical documentary standards.

Please find attached NMI's submission in response to the invitation by the Reliability Panel for comments on its Issues Paper of 9 May 2008 on technical standards in the NEM.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Peter Fisk'.

Dr Peter Fisk
General Manager
Physical Metrology Branch