

Power System Measurement Traceability in Australia

Y Li, Senior Member, IEEE and P Pokorny
CSIRO National Measurement Laboratory
PO Box 218, Lindfield NSW 2070 Australia

Abstract:

The National Measurement Laboratory (NML) is responsible for the development, maintenance and dissemination of physical standards in Australia. This paper addresses some aspects of measurement traceability of [high voltage testing](#), itemising the reference systems maintained at NML, which are established through fundamental standards and/or international comparisons. Recently, much effort has been focused on the development of reference impulse voltage measurement systems, with clearly established traceability, to facilitate the adoption of the IEC [high voltage testing & measurement standard](#) in Australia.