

## **Douglas David Ross (Doug) - Biographical**

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Doug currently owns and manages Ross Technology Consulting which is an engineering management consultancy focused on supporting the energy industry to adapt to the disruptive challenges presented by competitive reforms and the introduction of new technologies.

Doug is currently AEMO's discretionary metering member of the IEC. The IEC is a statutory body established under the National Electricity Rules responsible for developing and making recommendations on changing B2B Procedures.

From 2016 to 2020, Doug chaired the Competitive Metering Industry Group (CMIG) which represents the accredited competitive metering service providers operating in the NEM. CMIG's goal is to promote the development of an efficient and effective, nationally consistent competitive metering market. As the chair of CMIG, Doug facilitated the metering industry forming consensus positions on matters that effect the industry and then advocated those positions to government, regulators and other stakeholder groups. Doug was instrumental in the creation of CMIG in 2016 and also chaired CMIG working groups developing an Industry Code of Practice for the Safe Installation of whole current meters, Metering installation design standards and electrical worker training and authorisation processes for the installation of meters. Doug also represented CMIG on an Australian Energy Council (AEC) working group developing an Industry Code of Practice for the delivery of remote services on Advanced Meters (remote de-energisation and re-energisation) and is also a member of the AEC's Technology Working Group.

From 2013 to 2018 Doug was responsible for managing Vector's engagement activities in the Australian competitive metering market leading up to the commencement of the Power of Choice reforms in the NEM on the 1<sup>st</sup> of December 2017. This included engagements with, Government, Regulators, Retailers and Networks to ensure the emergence of a market and regulatory environment that supported the development of an effective competitive metering market for residential meters across the NEM.

Doug was instrumental in the initiation in 2015 of the Standards Australia Road Map for Advanced Meters which has resulted in the reconstitution of the Standards Australia Committee for Metering Equipment (EL-011) of which Doug is a member. Doug has also authored and obtained industry support for Standards Project proposals for modified adoption of the new IEC Metering Safety Standard (IEC62052-31) and the review of the complete suite of Australian standards identified as priority 1 in the Road Map for Advanced Meters (IEC62052-11 & 21 and IEC62053-21, 22, 23, & 24).

Prior to forming Ross Technology Consulting in 2013, Doug was Managing Director of EDMI Australasia for 9 years. During his time as Management Director, Doug was a signatory for EDMI's NATA laboratory and held directorships for EDMI's 3 trading companies in Australasia, being, EDMI Pty Ltd, EDMI Gas Pty Ltd and EDMI NZ Limited which jointly contained 160 staff with annual revenue of AUD 60 million. Doug has more than 30 years of energy industry experience and extensive metering knowledge accumulated from prior executive and management roles with Australian utilities and energy metering companies.

Doug holds a Master of Business Administration from Deakin University in Australia which complements an Associate Diploma in Electrical and Electronic Engineering from the University of Southern Queensland. Doug is also a licensed electrical contractor.