

AEMO
National Electricity Market
Working Groups List
As at September 2009

Name		Purpose	Chair/Convenor*
aseXML Standard Working Group (ASWG)		Responsible for reviewing and making recommendations to AEMO about changes to the aseXML Standard. It adopts a multilateral approach to the development of the aseXML Standard with equal regard to the interests of each sector of the Australian Energy Market.	Matthew Lohmann Origin Energy
Dispatch & Pricing Reference Group (DPRG)		The DPRG is a technical advisory group that assists AEMO when developing proposals to address current and ad-hoc issues relating to bidding, dispatch, pricing and PASA. Each participant category is represented and members are sought from industry bodies such as the National Generators Forum (NGF) and the Electricity Retailers Association of Australia (ERAA).	John Wormald Market Operations Performance
Forced Outage Data Working Group (FODWG)		Comprises generator representatives from the National Generators Forum. Representatives have been selected to provide adequate representation from each NEM region. The working group was formed to assist AEMO in the standardisation of the collection of generator forced outage data. It facilitates the involvement of the National Generators Forum in providing expertise and commentary on the appropriate recording of forced outage data.	Andrew Robertson Planning
Information Exchange Committee (IEC)		The IEC is established under the National Electricity Rules (7.2A.2) as a decision making body responsible for Business-to-Business (B2B) procedures and transactions. AEMO provides secretariat support to the IEC and also formally approves the IEC's decisions. Further information on the IEC is available on the AEMO website at Retail Competition >IEC & RMEC.	Patricia McKenzie IEC Chair AEMO Director <u>Secretary:</u> Bob Bosler Electricity Retail Market Development
Information Exchange Committee Reference Group	B2B Procedures Reference Group (BPRG)	The BPRG's role is to facilitate the management of B2B documentation and assist with the development of new, and update current, B2B procedures.	Kristen McGrath Metering and Settlements
IT User Groups – IT Change Management Working Group Market Systems User Group		These industry user groups have been established to facilitate the continuing improvement of AEMO IT systems.	Tissa Perera Electricity Market Operations
Market Simulations Working Group (MSWG)		The MSWG provides advice on matters relating to electricity market simulations. It also contributes to the ongoing development of market simulation skills and expertise and the improvement of tools and techniques.	Frank Montiel Planning

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<p>Flow Path Working Group (FPWG)</p>	<p>The FPWG contributes to coordination of planning activities in the NEM through contributions to and feedback on the National Transmission Statement (NTS) published annually by AEMO.</p>	<p>Adam Peard Planning</p>
<p>Plant Modelling Working Group (PMWG)</p>	<p>The PMWG is a technical advisory group. The group provides advice on the modelling techniques to be used by TNSP's and AEMO, and ensures an accurate power system model is maintained. The members consist primarily of technical experts from the jurisdictional planning bodies.</p>	<p>Paul Ravalli Planning</p>
<p>Inter-Network Test Working Group (INTWG)</p>	<p>The INTWG provides advice regarding technical aspects and general matters relating to inter-network tests. It also provides a forum for the sharing of information relevant to preparation for, and conduct of, and inter-network test; and assists with the coordination of test analysis and interpretation of results.</p>	<p>Warwick Grainger CHC Associates</p> <p>Member: Joseph Leung Planning</p>
<p>Transmission Outage Working Group (TOWG)</p>	<p>The TOWG provides continued development of appropriate and efficient methods to represent electricity transmission outages in market simulations, and works to improve the quality of transmission outage input data used by AEMO and Jurisdictional Planning Bodies.</p>	<p>Andrew Robertson Planning</p>
<p>Network Modelling Working Group (NMWG)</p>	<p>The NMWG investigates different approaches for representing electricity network limitations in market simulations tools used to assess the level of market benefits delivered by a transmission augmentation.</p>	<p>Sead Pasalic Transend Networks, Manager Strategic Grid Planning</p> <p>Member: Adam Peard Planning</p>

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<p>Load Forecasting Reference Group (LFRG)</p>	<p>The main objective of the LFRG is to ensure that the regional energy and maximum demand projections across the NEM are:</p> <ul style="list-style-type: none"> • developed by jurisdictional planning bodies (JPBs) on an as-consistent as-possible basis; and • delivered to AEMO in time for the production of the Electricity Statement of Opportunities (ESOO). <p>The LFRG is also committed to continuous improvement of the load forecasting process.</p> <p>The LFRG consists of representatives from AEMO (including a convenor) and each of the JPBs. Western Power (WP) and Independent Market Operator of Western Australia (IMOWA) have observer status on the LFRG.</p>	<p>Richard Hickling Planning</p>
<p>Energy Market IT Steering Committee (EMITSC) and Sub working groups:</p> <ul style="list-style-type: none"> • Architectural Reference Modelling • Data Management • Security and Identity Management • Knowledge and experience sharing 	<p>The objective of the EMITSC (with associated Working Groups) is to provide a forum for the informed discussion and collaborative development of industry wide IT strategies, standards, and the planning of future directions for AEM (Gas and Electricity) systems.</p>	<p>Maria Zavros Senior Manager Business IT</p>
<p>Metering Provider Working Group (MPWG)</p>	<p>The MPWG endeavors to collate Metering Provider issues across the market for submission and consideration by other working groups. It involves representatives from all accredited Metering Providers (MPAs and MPBs).</p> <p>Meeting issues relate to NEM market processes as they specifically relate to Metering Providers and the installation, provisioning and maintenance of metering installations. In particular meeting issues relate to Metrology compliance, new metering technology, standing data management and customer transfer interfaces and relationships, operational issues and metering installation audits.</p>	<p>Kam Vessali Metering and Settlements</p>

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<p>Responsible Person Working Group (RPWG)</p>	<p>The RPWG endeavors to discuss issues relating to the RP's and MP's contractual agreement, to ensure that all facets of metering installation maintenance is carried out. It involves representatives from all Responsible Persons (both retail and network) in the market.</p> <p>Meeting issues relate to NEM market processes as they specifically relate to the role of Responsible Person and their responsibilities under the National Electricity Rules. In particular meeting issues relate to Rules compliance relating to in-service compliance testing of instrument transformers, standing data management, customer transfer interfaces and relationships, exemption procedures, operational issues and metering installation audits.</p>	<p>Kam Vessali Metering and Settlements</p>
<p>Connection Point Working Group (CPWG)</p>	<p>Meeting issues relate to NEM market processes as specifically relating to the registration of Wholesale Market Connections for Market Generators, Wholesale Metering points and interconnectors. It involves representatives from all Transmission and Distribution Network Service Providers (LNSP) and Responsible Persons (RP).</p>	<p>Lance McMinn Metering and Settlements</p>
<p>Meter Data Provider Working Group (MDPWG)</p>	<p>The MDPWG endeavors to collate Metering Data Provider issues across the market for submission and consideration by other working groups. It involves representatives from all accredited Metering Data Providers (MDPs).</p> <p>Meeting issues relate to NEM market processes as they specifically relate to Metering Data Providers. Primary meeting issues relate to service level requirements, metering data processes, performance compliance, new technologies, customer transfer relationships, operational issues, audits etc</p>	<p>Either Inger Wills Metering and Settlements or John Wiskin Metering and Settlements</p>

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<p>Metering Services Working Group (MSWG)</p>	<p>The MSWG is responsible to AEMO for defining procedures and guidelines pertaining to the accreditation, auditability and service level requirements applicable to metering service providers, (Meter Data Agents and Metering Providers), operating within the NEM.</p> <p>The Working Group helps AEMO to facilitate the adoption of appropriate procedures that deliver the strategies needed to meet NEM operational requirements.</p>	<p>Either Inger Wills Metering and Settlements or John Wiskin Metering and Settlements</p>
<p>National Electricity Market Operations Committee (NEMOC)</p>	<p>Consists of TNSP, Jurisdictional Planning Body and AEMO representatives. Discusses electricity network operation issues and facilitates the operational interface between AEMO and TNSPs.</p>	<p>Brian Spalding Executive General Manager Operations</p>
<p>Operations Planning Working Group (OPWG)</p>	<p>The Operations Planning Working Group (OPWG) reports to the National Electricity Market Operations Committee (NEMOC), and is comprised of representatives of AEMO and TNSPs.</p> <p>It is a technical working group that considers operations planning issues under the control or influence of AEMO and / or the TNSPs with a view to improving the management of power system security and NEM efficiency.</p> <p>The OPWG will focus on matters that are outside the normal 'operations' horizon (which are covered by the Power System Security Working Group), and which do not fit into the traditional 'planning' horizons. In this context, the OPWG is intended to act as a bridge between the traditional planning and operations activities.</p>	<p>Michael Lyons System Operations Planning & Performance</p>
<p>Participant Advisory Committee (PAC)</p>	<p>The function of the Participant Advisory Committee is to provide informed input to the AEMO Board on a regular basis on issues referred to the Committee by the AEMO Board, and on issues of concern to electricity Registered Participants.</p>	<p>Kevin Murray TransGrid</p> <p>Secretary: Brett Hausler Executive General Manager Corporate Affairs and Company Secretary</p>
<p>Power System Security Working Group (PSSWG)</p>	<p>Aims to achieve consensus solutions to electricity system security issues at an operational level. Operations representatives from TNSPs and AEMO.</p>	<p>Henry Gorniak Power System Operations</p> <p>Secretary: Bill Webb Power System Operations</p>

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System Restart Working Group (SRWG)		<p>To facilitate NEM Participants collaborating on areas of common interest on power system restart following a black system condition or after major system disturbances. Areas of common interest will include both power system and market related issues.</p> <p>The working group may also establish separate working groups in each NEM region to consider regional specific technical and operational issues. These groups will report to the SRWG</p> <p>The SRWG reports to the Power System Security Working Group (PSSWG).</p>	<p>Henry Gorniak Power System Operations</p> <p>Secretary: Peter Biddle Power System Operations</p>
Retail Market Executive Committee (RMEC)		<p>The RMEC is an executive level advisory body to AEMO on matters relevant to the electricity retail market other than B2B. A number of specialist reference groups are set up as required to support the RMEC.</p>	<p>Terry Grimwade Executive General Manager Market Development</p> <p>Secretary: Bob Bosler Electricity Retail Market Development</p>
Retail Market Executive Committee (RMEC) Reference Groups	Metrology Reference Group (MRG)	<p>The MRG provides an industry review of AEMO metrology development activity, with particular reference to Chapter 7 of the National Electricity Rules, and the Metrology Procedures. The work of the group is published to AEMO's online portal, NEMConnect. Recommendations from the MRG are presented to the RMEC for endorsement.</p>	<p>Roy Kaplan Market Development</p>
	Process and Data Reference Group (PDRG)	<p>The PDRG provides a forum for defining and coordinating the implementation of NEM business processes associated with electricity metering and retail market developments. While commercial decisions about the implementation of these business processes are the responsibility of NEM participant businesses, the PDRG helps AEMO to define and facilitate the adoption of appropriate technologies and practices that deliver jurisdictional policies and strategies determined in consultation with the industry.</p>	<p>Kristen McGrath Metering and Settlements</p>
Retail Electricity Market National Operations Committee (REMNOC)		<p>REMNOC provides a forum for interaction between AEMO, jurisdictions and regulators in relation to MSATS and IT operations, electricity retail market developments and jurisdictional matters.</p>	<p>Terry Grimwade Executive General Manager Market Development</p>

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Settlement Residue Committee (SRC)	Established under National Electricity Rule 3.18.5, the SRC comprises representatives of generators, retailers, traders, TNSP, Jurisdictions and end-use customers. The Settlements Residue Committee is responsible to report on the settlement residue auctions, for approving changes to the rules for the residue auctions in the National Electricity Market and the level of fees AEMO may charge for administering those auctions.	<u>Brian Spalding</u> Executive General Manager Operations
Wind Energy Technical Reference Group (WETRG)	Industry reference group to assist AEMO with the review of specific issues related to the implementation of the Australian Wind Energy Forecasting System (AWEFS) initiative.	<u>Deep Juneja</u> Strategic Projects