

Terms of Reference

National Electricity Market Operations Committee (NEMOC)

1 Mission

To enable effective consultation between Transmission Network Service Providers (TNSP) and Distribution Network Service Providers (DNSP), Jurisdictional Planning Bodies, Market Participants, Generators and AEMO on electricity transmission network operation issues.

2 Objective

- Provide strategic leadership and guidance to industry on operational matters.
- Provide guidance and decision making on operational and engineering matters that the Committee's technical working groups will investigate and report on.
- Effectively manage the industry operational adaptation to the changing nature and characteristics of the electrical power system.
- Investigate and improve, where possible, current network operational practices in network operation and power generation.
- Effectively communicate information to member organisations and industry bodies.

The NEMOC will:

1. Provide a forum for member organisations and stakeholders to discuss National Electricity Market (NEM) operational issues including:
 - Routine transmission network operations.
 - Standard practices of power generation and plant operation.
 - Maintaining supply reliability and system security.
 - Planning for system restart.
 - Discussions about relevant rule changes.
 - Changes in operating procedures in response to the changing nature of the power system.
 - Practices for assessing the impact and effective integration of new power system and generation technologies.

- Issues arising from augmentation of the transmission network.
 - Development of control schemes to manage impact of non-credible contingency events.
 - Management of congestion in the transmission network.
 - Load shedding arrangements (both manual and under frequency).
 - Plant and network modelling.
 - Inter-network testing standards and procedures.
2. Discuss operational data and system incidents.
 3. Risk profiling the changing power system operation and identifying threats to secure operation.
 4. Jointly calibrate and make recommendations with the Executive Joint Planning Committee (EJPC).
 5. Making recommendations for improvements and changes to power systems operations to the Energy Security Board (ESB), Australian Energy Market Commission (AEMC) and Jurisdictions for their consideration.

The NEMOC will be responsible for:

1. Creating working groups and appointing conveners for those groups to assist in considering a matter (or matters) brought before NEMOC, as needed.
2. Approving the scope of works and terms of reference for working groups created under NEMOC.
3. Reviewing and terminating working groups operating under NEMOC when no longer required.

3 Governance

The NEMOC will consist of representatives chosen from the following organisations and may invite others at its discretion.

The NEMOC will consist of representatives from:

APA Group	ElectraNet
AusNet Services	Energy Networks Australia (ENA)
Australian Energy Council (AEC)	Powerlink
Australian Energy Market Operator (AEMO)	TasNetworks
Clean Energy Council (CEC)	TransGrid
DNSP Representative	

The CEC and the AEC will provide one representative of the directorate and one representative of a member organisation with asynchronous and synchronous generation interests, respectively.

The ENA will provide one representative of the directorate and one representative of a Distribution Network Service Provider member organisation.

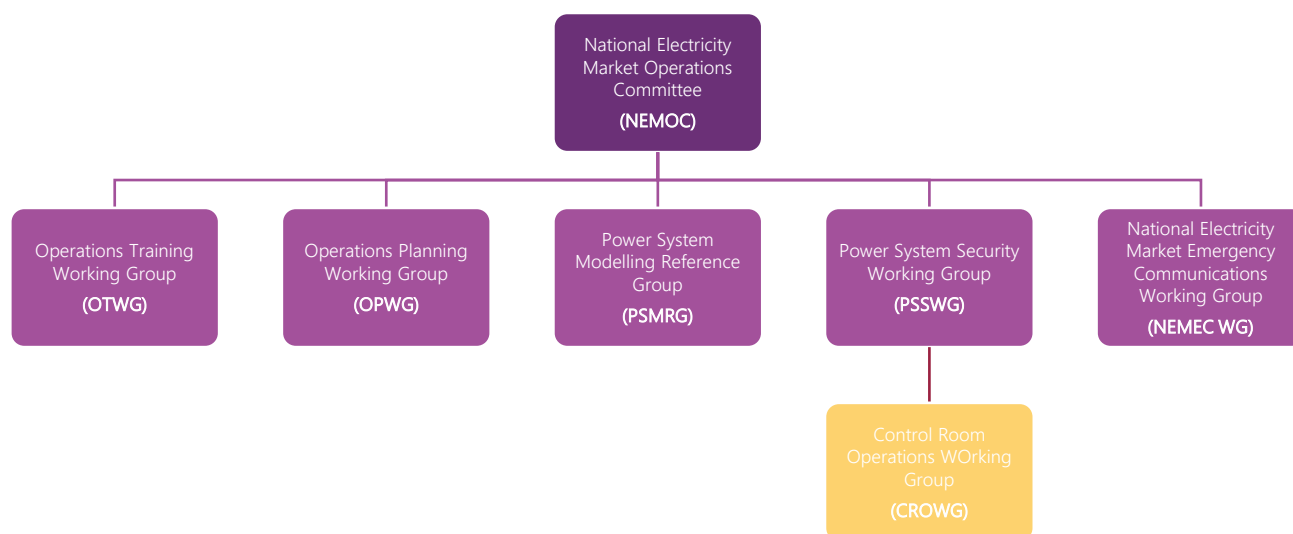
Participating organisations should look to nominate representatives that are of a senior level and able to make decisions on behalf of their organisation and/or sufficient operational experience to meaningfully contribute to the technical coordination of the engineering working groups reporting to the NEMOC (For example, Chief

Operations Officers, General Managers, and Managers with a power system and/or generating plant background).

The nominated member must be a representative of a participating organisation as defined in the NEMOC ToR and represent the views of that organisation solely.

Once the representative is no longer a participating organisation member, then that representative will no longer attend NEMOC meetings and the NEMOC Secretariat will seek another representative from that organisation.

4 NEMOC Working Groups



5 Meetings

Meetings will be convened by the Chairperson at such times as NEMOC members determine are appropriate, considering any requests for meetings, the availability of stakeholders and the matters under discussion.

The NEMOC will meet face to face on a quarterly basis unless otherwise agreed, with other communications to take place via circular. A schedule of proposed meetings will be agreed at the beginning of the calendar year, to be held at a central location.

A nominated member may appoint a proxy to attend a NEMOC meeting to act on their behalf when unavailable. The Secretariat must be notified of the proxy prior to a scheduled NEMOC meeting or email update. Proxies may not be used for more than two NEMOC meetings in any calendar year.

6 Administration

AEMO will provide Chair and secretariat services to the NEMOC. The finalised minutes of meetings of the NEMOC will be published on the AEMO Website, unless agreed otherwise due to confidential content.

7 Expenses

For the avoidance of doubt, any expenses incurred as a result of attending meetings or activities associated with the NEMOC are at the expense of the individual business that the person may represent. AEMO will provide facilities for the face-to-face meetings of the committee.

8 Version control and contact details

Version	Effective date	Comments
1	April 2018	Review
2	September 2020	Minor amendments
3	February 2021	Added NEMOC sub working group hierarchy.
4	June 2022	New AEMO Terms of Reference template. Added NEMEC WG to sub working group hierarchy.

For more information on the NEMOC please email [Tjaart Van der Walt](mailto:Tjaart.Van.der.Walt@emmo.gov.au).

For a list of industry forums and working groups refer to AEMO's [website](https://www.emmo.gov.au/industry-forums).