

Terms of Reference

Market Interface Technology Enhancements Working Group (MITEWG)

1 Mission

The [Energy Security Board's \(ESB\) National Electricity Market \(NEM\) 2025 reforms](#) seek to make changes required in the NEM as it transitions from a fleet of largely coal-fired generation to more variable renewable generation and into a modern energy system fit to meet consumers' evolving wants and needs.

AEMO's [NEM Reform Program](#) works collaboratively with energy market participants and intending participants on matters relating to the implementation of reforms stemming from the Energy Security Board (ESB), Energy Ministers, and AEMC rule change processes and decisions.

In addition to market reforms, AEMO has identified a subset of initiatives that are prerequisites to implementation of the NEM program reform initiatives. Each of these initiatives represents either a:

- **Foundational** investment in an AEMO legacy system to deliver an uplift to base capability on which reforms are dependent; or
- **Strategic** investment where system uplift is required at some time in the future and AEMO sees the opportunity for this life-cycle type investment to be brought forward and delivered in the same timeframes as the reforms for efficiency purposes.

The Foundational and Strategic initiatives are included in the [NEM Reform Implementation Roadmap](#).

The **objective** of the MITEWG is to enable collaboration with industry to progress the planning and implementation of key deliverables which relate to market interface technology, such as Identity and Access Management (IDAM), Industry Data Exchange (IDX) and Portal Consolidation (PC).

2 Scope

2.1 In Scope:

The MITEWG will provide advice on:

- Proposed protocols, message exchange patterns, gateway changes & IDX pilot scope.
- Proposed Organisation Hierarchy concepts.
- Basic and advanced data sharing concepts.

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- Target state design, patterns, and impacted 'To-be' processes.
- Progressive migration processes and the detailed transition plans.
- Decommission of legacy system(s) strategies.
- Technical Specifications.

2.2 Out of scope

Policy or procedural changes.

3 Governance

The MITEWG is not a decision-making body. The MITEWG will operate under the guidance of this Terms of Reference document and the NEM Reform [Program Consultative Forum](#). AEMO will provide support to the MITEWG, including provision of meeting materials, meeting summaries, action items, and a register of key documents.

4 Participation

Participation in the MITEWG is open to all impacted stakeholders e.g., market participants, solution providers/vendors. AEMO will be seeking nominations from impacted parties, which will include the nomination of a MITEWG 'coordinator'. The role of the coordinator is to coordinate suitably qualified representatives from their organisation to support applicable initiatives and/or agendas. In the interests of leveraging relevant industry expertise, each organisation may have different members supporting various agendas.

AEMO expect MITEWG members to:

- Have a thorough understanding of IDX, IDAM and PC reform initiatives under the NEM Reform Program.
- Have a detailed understanding of their own systems and business processes.
- Be prepared to participate in highly technical discussions, including engaging within their business prior, to provide detailed responses to matters under discussion.
- Have the expertise and authority to consider technical matters and provide views on behalf of their business.
- Provide outcomes back into their business.

5 Focus groups

Focus groups will be established, as required, to explore a specific item or set of items in more detail. Focus groups will be temporary in nature with any recommendations, including applicable analysis, to be provided to the MITE WG for further consideration and feedback. Where the need for a focus group is identified, its activity(s) e.g., sessions will form part of the MITE WG 'Forward agenda'.

Focus group members are to be specialists in the areas being discussed and must have the knowledge and authority to provide their organisations views, as per this ToR.

6 Meetings

The MITEWG will convene on an as needs basis. Detailed dates and schedules will be supplied to nominated parties throughout the engagement process.

MITEWG meetings will typically be conducted via videoconference, or in person, depending on the content being discussed.

To enable the provisioning of industry expertise while using the time of participants and AEMO effectively, agendas will be clearly laid out with timings and obligations on the chair to cover the ground effectively.

7 Administration

AEMO will prepare and distribute all meeting correspondence via email and manage the MITEWG webpage.

AEMO will endeavour to provide stakeholders with:

- A draft agenda and relevant meeting papers at least five business days prior to the meeting.
- Meeting outcomes within five business days after the meeting.
- Chair, secretariat services and subject matter expert(s) for each meeting.
- Once approved, copies of the meeting outcomes will be published on the AEMO website.

8 Resourcing and expenses

AEMO will provide Chair and Secretariat services to the MITEWG.

Any expense incurred as a result of attending meetings or activities associated with the MITEWG are at the expense of the members or their employer.

9 Version control and contact details

Version	Effective date	Comments
1.0	July 2024	Initial Terms of Reference of the MITEWG

For more information please email NEMReform@aemo.com.au or visit <https://aemo.com.au/initiatives/major-programs/nem-reform-program/nem-reform-program-initiatives>.