



DER Market Integration Consultative Forum

4 March 2021

*We acknowledge the Traditional Owners
of country throughout Australia and
recognise their continuing connection to
land, waters and culture.*

*We pay our respects to their Elders past,
present and emerging.*

AEMO Competition Law Meeting Protocol

AEMO is committed to complying with all applicable laws, including the Competition and Consumer Act 2010 (CCA). In any dealings with AEMO regarding proposed reforms or other initiatives, all participants agree to adhere to the CCA at all times and to comply with this Protocol. Participants must arrange for their representatives to be briefed on competition law risks and obligations.

Participants in AEMO discussions **must**:

1. Ensure that discussions are limited to the matters contemplated by the agenda for the discussion
2. Make independent and unilateral decisions about their commercial positions and approach in relation to the matters under discussion with AEMO
3. Immediately and clearly raise an objection with AEMO or the Chair of the meeting if a matter is discussed that the participant is concerned may give rise to competition law risks or a breach of this Protocol

Participants in AEMO meetings **must not** discuss or agree on the following topics:

1. Which customers they will supply or market to
2. The price or other terms at which Participants will supply
3. Bids or tenders, including the nature of a bid that a Participant intends to make or whether the Participant will participate in the bid
4. Which suppliers Participants will acquire from (or the price or other terms on which they acquire goods or services)
5. Refusing to supply a person or company access to any products, services or inputs they require

Under no circumstances must Participants share Competitively Sensitive Information. Competitively Sensitive Information means confidential information relating to a Participant which if disclosed to a competitor could affect its current or future commercial strategies, such as pricing information, customer terms and conditions, supply terms and conditions, sales, marketing or procurement strategies, product development, margins, costs, capacity or production planning.

Today's meeting

Time	Item	Speaker
11:00 – 11:05	Welcome & Introductions	Matthew Armitage
11:05 – 11:15	Terms of Reference & Forum overview	Matthew Armitage
11:15 – 11:30	VPP Demonstrations & MASS Consultation update	Jacqui Mills
11:30 – 11:55	Introduction to Project EDGE	Nick Regan / Matthew Armitage
11:55 – 12:0	Future Meetings & Close	Matthew Armitage



Welcome & Introductions

Introductions

AEMO attendees:

Matthew Armitage	DER Demonstrations lead
Nick Regan	Project Lead – Project EDGE
Jacqui Mills	Project Lead – VPP Demonstrations
Amanda van der Sluys	Stakeholder Engagement and Communications – DER Program

External Attendees:

1 x business lead	Aggregators/Retailers
1 x technical lead	Aggregators/Retailers

Note: limiting attendees to 2 per organisation assists with maintaining focused discussion.

Terms of Reference & Forum overview

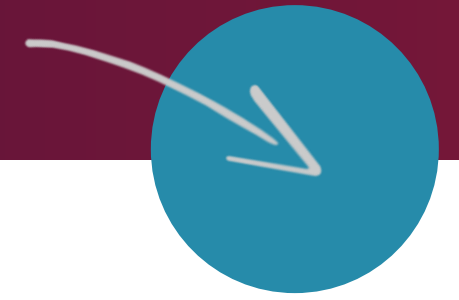
Forum Purpose



Enable:

- AEMO to better **understand aggregator perspectives on design options** for market participation of VPPs or Aggregators, which can inform AEMO's development and prioritisation of activities.
- Aggregators to better **understand the market operations and practicalities of market participation**, facilitating a smoother integration into market frameworks.
- **Timely updates on the progress of trials** facilitating DER integration into market operations and related works.

Scope



In scope

Consultation with aggregators on aspects of market participation and integration that may include, but is not limited to:

- The concepts examined AEMO's DER Marketplace demonstration projects such as Project EDGE.
- How aggregators may participate in wholesale markets in future, including considering market operations (e.g. operational visibility) and related topics to support reforms (for example those led by the Energy Security Board (ESB) Market Development Initiatives and the Western Australian Government's DER Roadmap).
- Transitional arrangements for VPPs already participating in the delivery of Frequency Control Ancillary Services (FCAS) in the NEM.
- Questions and answer opportunities in relation to aggregator participation to support development of a public FAQ register

Scope



Out of scope

The following items are explicitly out of scope:

- The Consultative Forum is not a decision-making body.

Discussion in the Consultative Forum is informal and does not replace other formal consultation processes, such as those listed below:

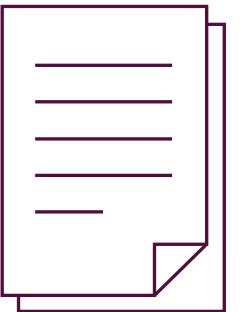
- Consultation obligations in the National Electricity Rules (Rules), such as a consultation to change the Market Ancillary Services Specification (MASS).
- AEMC or ESB consultation processes in relation to Rules changes or Market Development Initiatives (MDIs), or consultations led by other government departments.
- WDR rule based consultative forums to implement the project.

Session cadence & content

Forums are currently scheduled for every 2 months with meeting invites for future forums to be sent following today's kick off meeting.

Questions to attendees:

- Is the regularity of this forum (every 2 months) sufficient?
- Would you prefer more/less regular meetings?
- What specific content would you like to see covered in these sessions?



VPP Demo & MASS Consultation update

MASS Consultation Overview



- AEMO have received feedback that stakeholders require additional time to provide submissions in the first stage of consultation.
 - A 2 week extension has been provided to ensure broad set of stakeholders have had an opportunity to respond.
- AEMO will also review the timing of the next stages of consultation in light of submissions received and will confirm next steps and timeframes for the consultation after an initial review of submissions.
- The VPP Demonstration end date will be impacted, clarity will be provided in due course.

VPP Demonstration update

- VPP Operationalisation plan currently in progress – expected finalisation in May
- Commencing transition activities including:
 - Participant interviews
 - Scoping document and training requirements
 - Establishing communication schedule and associated meetings
- Preparing for publication of:
 - Knowledge Sharing report #4 (final)
 - CSBA Consumer Insights Study (final)
- Knowledge Sharing [report #3 published](#) and webinar to be held on 18 March – contact DERProgram@aemo.com.au for invites.
 - Summary of learnings to date



Introducing Project EDGE

Project EDGE (Energy Demand & Generation Exchange)

Project EDGE seeks to demonstrate a **proof-of-concept DER Marketplace** that facilitates **DER efficiently delivering both wholesale and local network services within secure network limits**

Project EDGE is a jointly funded project with support from the Australia Renewable Energy Agency (ARENA).



ARENA

Distribution System Operator (DSO)



Aggregator



EDGE
Energy Demand & Generation Exchange



Project EDGE | Testing a DER Marketplace

EDGE OBJECTIVES / DELIVERABLES

DER participation in wholesale markets at scale

Distribution network limits in wholesale dispatch

Efficient & scalable trade of Local Network Services

Efficient & scalable data exchange

Integrated & scalable technology ecosystem

Roles & Responsibilities split between DSO-AEMO

Cost benefit analysis to inform regulatory decisions

Customer insights

Best practice stakeholder engagement

Evidence based recommendations

EDGE OUTCOMES

Proof-of-concept DER Marketplace: efficient, scalable, integrated technology ecosystem connecting AEMO, DSOs & Aggregators

Technical implementation roadmap to operationalise concepts

Industry agreed roles & responsibilities for AEMO-DSOs

Consumer interests met by identifying efficient DER integration pathway that aligns to the National Electricity Objective

Highly engaged industry that is with us on the journey

Regulatory decisions informed by evidence: AER & AEMC/P2025



Future Meetings & Close

Next meeting: 6 May

Future Meetings

- **Thursday, 6 May 2021**
- **Thursday, 1 July 2021**
- **Thursday, 2 September 2021**
- **Thursday, 4 November 2021**

Note:

- Agenda & meeting documents will be provided 5 days prior to meetings.
- Meeting actions will be distributed within 5 days post meetings (as required).
- Non-confidential information will be published on AEMO's website in the month following each meeting.



Questions & contact

DERProgram@aemo.com.au