

# Forum meeting record

<b>Forum:</b>	<b>NEM Reform Electricity Wholesale Consultative Forum #17</b>
<b>Date:</b>	18 June 2024
<b>Time:</b>	1:00PM – 3:00PM AEST
<b>Location:</b>	MS Teams

Glen Maydom	<b>AGL</b>	Hasmeet Sethi	<b>Shell Energy</b>
Ken Schell	<b>AGL</b>	Lya McTaggart	<b>Stanwell</b>
Hugh Ridgway	<b>Alinta Energy</b>	Suvid Satyawadi	<b>Tally Group</b>
Lina Choi	<b>CleanCo QLD</b>	Liam McManus	<b>Vena Energy</b>
Lindsay Williamson-Hanna	<b>CQ Energy</b>	Rowan Rogers	<b>Windlab</b>
Cheryle McLeod	<b>Energy Australia</b>	Alice Kelly	<b>AEMO</b>
Lawrence Irlam	<b>Energy Australia</b>	Ben Skinner	<b>AEMO</b>
Peter Brook	<b>Energy Council</b>	Callan Masters	<b>AEMO</b>
Ingrid Farah	<b>Ergon</b>	Carla Ziser	<b>AEMO</b>
Mark Lee	<b>Grid Beyond</b>	Chris Muffett	<b>AEMO</b>
Perez Roderick	<b>Iberdrola</b>	Daniel Flynn	<b>AEMO</b>
Thomas Lozanov	<b>Origin Energy</b>	Emily Brodie	<b>AEMO</b>
Yvonne Tuckett	<b>Origin Energy</b>	Lenard Bayne	<b>AEMO</b>
Karel Mallinson	<b>Powerlink QLD</b>	Nicole Nsair	<b>AEMO</b>
Ron Logan	<b>Shell Energy</b>	Oliver Derum	<b>AEMO</b>

## 1 Welcome

(Slides 2-4)

- The chair welcomed members to the EWCF (Electricity Wholesale Consultative Forum) meeting and provided an overview of the agenda. An acknowledgement of country was provided.

## 2 Actions & Feedback from previous meeting

(Slides 5-6)

- Item 16.7.0.2 remains open and will be further discussed at the July EWCF. All other action items were closed.

## 3 Inflight Reform Update

(Slides 7-25)

### Integrated Energy Storage System (IESS)

- AEMO advised that the IESS project has now been completed. It was noted that hypercare will be in place until 28 June to assist participants should any issues emerge. AEMO advised that BAU processes and system issues should be raised via [AEMO's Support Hub](#).
- A BDU focus group session was conducted on 12 June to provide participants with learnings following Phase 3 of the IESS market trial. Further details regarding BDU transition is available on slide 11.

- AEMO advised that the PDSE will close on 28 June.
- AEMO advised participants that the IESS mailbox [IESS@aemo.com.au](mailto:IESS@aemo.com.au) will remain open for the IESS hypercare period only, noting that:
  - **BAU enquiries** to be via [support.hub@aemo.com.au](mailto:support.hub@aemo.com.au)
  - **NEM reform program queries** to be via [NEMReform@aemo.com.au](mailto:NEMReform@aemo.com.au)
  - **BDU transition and cutover enquiries and communications** to be via [NEMReform@aemo.com.au](mailto:NEMReform@aemo.com.au).
- AEMO provided contact and related information links on slide 12.

Note: The [draft AEMO Budget and Fees document](#) (draft for consultation, p38) explains:

*On 3 June 2024 a new market participant category of Integrated Resource Provider (IRP) and a new classification category, the bidirectional unit, will become effective in the NEM, to enable storage and hybrids including aggregators of small units to register and participate in a single registration category rather than under two different categories. AEMO will update the registration fees in the NEM participant fee structure to reflect the IRP category during the next general consultation on the participant fee structure in 2025-2026. Until the fee structure is updated, a person applying to be registered as an IRP will be applied each current relevant registration fee to reflect the existing categories and classifications which an IRP now replaces.*

### Frequency Performance Payments (FPP)

- AEMO provided an update on FPP activities to date noted that external milestones, including the commencement of industry testing and non-financial operation remain on track.
- AEMO noted that challenges associated with the completion of the FPP app, specifically the delivery of some internal analysis functionality. Further information is available on slide 14.
- AEMO advised that the [FPP Industry Test Strategy](#) has been published and is available on the [FPP Project page](#) of AEMO's website.
- AEMO presented a timeline for FPP with further details outlined on slide 15 of the accompanying slide pack.

### Project Energy Connect -Market Integration (PEC-MI)

- AEMO presented an indicative timeline and advised that activities for Market Integration are progressing with the timeline showing the order of those activities on slide 17 of the accompanying slide pack. An indicative activity timeline is outlined on slide 18.

### Enhancing Reserve Information (ERI)

- AEMO noted that the [Draft ERI High-level Implementation Assessment \(HLIA\)](#) was published on 7 June, with comments invited by Friday 21 June and can be sent to [NEMReform@aemo.com.au](mailto:NEMReform@aemo.com.au).
- The HLIA includes indicative timings of key milestones, as shown on slide 21. These dates will be confirmed following feedback on the Draft HLIA and the completion of AEMO's internal project planning processes.

- AEMO identified an issue in how some participants indicate they do not have any energy constraints which, if not corrected, will create ongoing errors that undermine the scheduled generator reserves element of the ERI rule change. AEMO is seeking input from participants, especially those employing a ‘work around’ on how this problem should be best addressed. The topic will be discussed at the July EWCF.

Raised by	Question/Issue Raised	Response
Carlo Polisen - AGL	What will be the criteria to determine if a regions battery SOC will be published?	A region will need to have at least three independent battery operators, to prevent the publication of the aggregate figure allowing one participant to accurately deduce the SOC of its direct competitor.
Rowan Rogers - Windlab	<ul style="list-style-type: none"> <li>• What's the issue with this ERI input? Is it the flood value / NULL value input causing an error?</li> <li>• Can ERI understand negative values? i.e. interpret negatives as INF/NULL? I ask the question thinking about the possible solution space for those participants to modify their processes.</li> </ul>	<p>If flood values are used instead of NULL, the ERI figure for the daily energy constraints of scheduled generators will not no longer be meaningful or useful.</p> <p>Setting up AEMO's ERI-related systems to interpret values as meaning non-energy constrained is one possible approach, but AEMO does not consider this is entirely consistent with the rules requirements for energy-constrained units. AEMO will put forward a proposed approach at the July EWCF, for discussion with participants.</p>
Ron Logan – Shell Energy	If there was no energy constraint could a generator use a daily energy constraint input equal to the reported availability multiplied by 24 hours. e.g. 500 MW gen reports 12,000 MWh.	In this example, the generator would provide an accurate picture of the availability of a unit and not distort the ERI reporting. However, this is still a form of work around and AEMO's preference is for generators that are not constrained to submit a NULL value.
Yvonne Tuckett – Origin Energy	Could you please consider scheduling this agenda item at the front of next month's meeting? It would assist with attendees for that particular discussion who might wish to drop off at the end of that agenda item.	Yes, this item will be the first major item at the July meeting.

### Improving Security Frameworks (ISF)

- AEMO provided an update on Improving Security Frameworks (ISF) advised that the first version of the ISF High-level Implementation Assessment (HLIA) was [published](#) on 31 May, with comments invited and can be sent to [NEMReform@aemo.com.au](mailto:NEMReform@aemo.com.au). Key details and next steps are outlined on slides 23 and 24 of the accompanying slide pack.
- In addition, AEMO noted that the [consultation for changes to System Operating Procedure 3707](#) has commenced. Participants are encouraged to submit written responses via email to [NEMReform@aemo.com.au](mailto:NEMReform@aemo.com.au).
- AEMO advised that a provisional version of the Security Enablement procedure will be available by 30 June 2024. Key information on this procedure is available on slide 25 of the accompanying slide pack.

- Further information relating to the ISF activities are outlined on slide on slide 23 through to 25 of the accompanying slide pack.

## 4 Consultation Update

(Slides 27-37)

### Forward Looking Loss Factor Methodology (FLLF)

- AEMO presented information relating to the Forward Looking Loss Factor (FLLF) methodology review. AEMO outlined the primary objectives for this review on slide 31 of the accompanying slide pack. Additional information is outlined on slides 28 through to 32 of the accompanying slide pack.

Raised by	Question/Issue Raised	Response
Ron Logan – Shell Energy	Would suggest that a primary objective should also be improved accuracy, not clear that retention on minimal extrapolation will achieve this.	Noted – this feedback will be incorporated into the methodology consultation.
Rowan Rogers - Windlab	Will the new process be able to produce the participant-"calculations" to the participants who query the results?	AEMO currently provides stakeholders with a subset of the modelling results related to their facilities on request, and the new process would continue to support this.

### Consultation on changes to System Operating Procedure 3707 – Directions Procedures

- AEMO provided a brief overview of the changes associated with the System Operating Procedure 3707 – Directions Procedures consultation. AEMO advised that the proposed effective date for the determination is 4 July 2024, aligning with the commencement of the relevant provisions of the ISF rule change. In addition, AEMO outlined the dates associated with the consultation and can be located on slide 36 of the accompanying slide pack.

Raised by	Question/Issue Raised	Response
Ron Logan – Shell Energy	When considering the nature of the Direction, will that include an explanation as to why the Direction was required and what the service supplied by the Direction was?	<p>Aligned with the requirements of the ISF rule change and the new NER clause 4.8.9 (k) Directions market notices will include- Direction summary – Participant details, required action (e.g. synchronise and follow dispatch targets)</p> <p>Service or need provided by the direction – For example Energy, Frequency Control, Voltage Control</p> <p>Circumstance necessitating the direction – For example Overload, voltage, stability.</p>
Rowan Rogers – Windlab	Is there a Direction trigger for a cyber-related event? e.g. if an active ancillary service provider's control room lost access to its SCADA. Or in that case, would the resultant direction simply fall under said services?	If a direction is required in response to this type of event, AEMO would issue a market notice including details as outlined above. If the event causes a market suspension or increases the risk of a non-credible contingency AEMO would similarly publish market notices informing the market.

## 5 Procedures Consultation Roadmap

(Slides 33-37)

- AEMO provided a Wholesale Electricity indicative Consultation Timeline with details outlined on slide 39 of the accompanying slide pack. In addition, AEMO provided details on inflight consultations with further details outlined on slide 40 of the accompanying slide pack.

## 6 NEM Wholesale Issues & Changes

(Slides 38-44)

### ICF 002 – Time taken for Dispatch Targets to be made available to participants

- AEMO requested at the May EWCF meeting a high-level example of illustrating the impacts with moving the SCADA snapshot and dispatch process sooner. AEMO requested feedback ahead of the June EWCF meeting. AEMO will provide an informed update at the next EWCF meeting in July 2024.

## 7 Other Reforms

(Slides 45-47)

### ST PASA

- AEMO thanked participants for the feedback regarding the options put forward with managing the implementation of the ST PASA rule. It was noted that following feedback received from participants and discussions with the AEMC, AEMO has considered **option 2** as the best way forward. As a result AEMO will commence a consultation in Q3 to prepare the ST PASA Process Description document and to comply with the Updating ST PASA Rule (to be published by 30 April 2025).
- Further information on the ST PASA update can be found on slide 48.

Raised by	Question/Issue Raised	Response
Yvonne Tuckett – Origin Energy	Is AEMO intending on publishing the submissions made on the options for managing the implementation of the ST PASA Rule?	No, AEMO does not intend to publish the feedback received.
Yvonne Tuckett – Origin Energy	When is the next ST PASA working group meeting	AEMO will shortly provide details of the next ST PASA working group meeting.

## 8 For noting

(Slides 51-53)

### Upcoming Engagements

- Refer to slide 52.

## 9 General questions and other business

(Slides 54)

- Queries and feedback may be sent to [NEMReform@aemo.com.au](mailto:NEMReform@aemo.com.au).

### OPEN ACTION ITEMS

(Item = Meeting # – Agenda # – Reference)

Item	Topic	Action	Responsible
16.7.0.2	Dispatch conformance messages	AEMO to consider raising an ICF for improvements to Dispatch Conformance, based on feedback received.	AEMO

Item	Topic	Action	Responsible
17.3.0.1	Integrated Energy Storage System (IESS)	AEMO to confirm that IRP category is included in the final version of FY25 fees.	AEMO
17.3.0.2	Enhancing Reserve	AEMO to consider placing ERI as a spotlight agenda item at the July meeting.	AEMO
17.7.0.1	ST PASA	AEMO to provide members when the next ST PASA working group meeting will be conducted.	AEMO