

# Forum meeting record

<b>Forum:</b>	<b>NEM Reform Electricity Wholesale Consultative Forum #9</b>
<b>Date:</b>	19 September 2023
<b>Time:</b>	1:00PM – 3:00PM AEST
<b>Location:</b>	MS Teams

Hugh Ridgway	<b>Alinta Energy</b>	Akeesh Kusrutising	<b>Australian Energy Market Operator (AEMO)</b>
Mitchell Taylor	<b>CS Energy</b>	Andrew Groom	<b>AEMO</b>
Fletcher McCaul	<b>CS Energy</b>	Basilisa Choi	<b>AEMO</b>
Adam Kent	<b>Global Roam</b>	Carla Ziser	<b>AEMO</b>
Mark Lee	<b>Grid Beyond</b>	Chris Muffett	<b>AEMO</b>
Tristan Kee	<b>Itron</b>	David Reynolds	<b>AEMO</b>
Callum Davey	<b>Origin Energy</b>	Emily Brodie	<b>AEMO</b>
Thomas Lozanov	<b>Origin Energy</b>	Johnny Mangala	<b>AEMO</b>
Yvonne Tuckett	<b>Origin Energy</b>	Karen Wilbrink	<b>AEMO</b>
Greg McLeod	<b>Origin Energy</b>	Lenard Bayne	<b>AEMO</b>
Hayden Phyo	<b>Origin Energy</b>	Lin Oh	<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>
Audrey Follett	<b>Snowy Hydro</b>	Paul Johnson	<b>AEMO</b>
Chris Murphy	<b>Telstra Energy</b>	Sahand Karimi Arpanahi	<b>AEMO</b>
Liam McManus	<b>Vena Energy</b>	Tyce Barton	<b>AEMO</b>
Rowan Rogers	<b>Windlab</b>	Ulrika Lindholm	<b>AEMO</b>

## 1 Welcome

(Slides 2-4)

- Chris Muffett welcomed members to the EWCF (Electricity Wholesale Consultative Forum) meeting and provided an overview of the agenda.

## 2 Actions & Feedback from previous meeting

(Slides 5-6)

- All action items were closed.

### 3 Inflight reform update

(Slides 7-20)

#### Fast Frequency Response (FFR)

- AEMO provided a recap on the FFR rule with market state taking effect as of 9 October and added procedures have now been updated as part of the FFR rule.
- In addition, AEMO outlined key activities to date and noted that industry testing has now concluded. Further information on industry testing findings is outlined on slide 11 of the accompanying slide pack.
- AEMO noted that 12 facilities are currently progressing through AEMO’s registration process for raise and/or lower 1 second service provision.
- AEMO presented to members procurement requirements for VF FCAS with further information outlined on slide 13 of the accompanying slide pack.
- AEMO presented dispatch observations during industry testing with further information outlined on slide 14.

Raised by	Question/Issue Raised	Response
Ron Logan – Shell Energy	Could we have a dotted line above the triangle in the figure (slide 13).	Suggested noted.
Ron Logan – Shell Energy	If there is a dispatch requirement of zero. Will that require a MII?	The dispatch requirement of zero will not trigger an MII.
Thomas Lozanov – Origin Energy	Regarding the facilities that were currently registered to provide these services, are those dispersed across the NEM or they more of a concentration in a particular region?	There is some concentration of registered facilities in Victoria and South Australia, however some facilities are located in other regions as well.
Rowan Rogers - Windlab	Is this phantom pricing an artefact of NEMDE's algorithm, or optimisation/processing?	It is an artefact of NEMDE's optimisation process.

#### Enhancing information in MT PASA

- AEMO updated members on the changes associated with MT PASA requirements. Further information is outlined on slide 16 of the accompanying slide pack. AEMO noted that the new MT PASA arrangements will commence as of 9 October. In addition, AEMO provided the required information for Unit state and Unit recall time. Detailed information is outlined on slide 17 of the accompanying slide pack.
- AEMO provided members reason codes and are outlined on slide 18 of the accompanying slide pack. In addition, AEMO provided examples of MT PASA process description and noted that additional examples are available on AEMO’s website.
- AEMO advised that a Post Deployment Assessment and Q&A session has been scheduled for Friday 6 October (1:30pm-2pm AEDT). AEMO noted for the avoidance of any doubt, AEMO will make sure that they include clarity in the Minutes around the extent to which these arrangements apply to semi scheduled and will include some information on the extent to which they applied to the MTPASA more broadly and semi scheduled.

Raised by	Question/Issue Raised	Response
Rowan Rogers – Windlab	Is there a particular rationale to excluding wind farms or solar farms?	The rule change was introduced in response to changes in the operating regimes of thermal plants and only applies to Scheduled generators. The additional fields are designed partly to distinguish between economic and physical reasons for outages. As solar and wind farms have very low short run marginal cost, they are very rarely on outage for economic reasons. It can be assumed that any outages are for physical reasons.
Chris Murphy – Telstra Energy	Do any of these obligations apply to semi scheduled or other generators?	The obligations to provide unit state and recall times do not apply to Semi-Scheduled or Non-Scheduled generators.

## 4 Inflight reform update

(Slides 21-32)

- An overview was provided of the following inflight initiatives: Integrating Energy Storage Systems (IESS) and Frequency Performance Payments (FPP).

### Integrated Energy Storage System (IESS)

- AEMO provided members with an indicative industry timeline and is outlined on slide 24 of the accompanying slide pack and advised that the project scheduled has now been baselined. Retail procedures associated with IESS have now been published. Further information on key activities is outlined on slide 25 of the accompanying slide pack.

Raised by	Question/Issue Raised	Response
Chris Murphy – Telstra Energy	Are there substantial changes to the credit limit procedures?	The <a href="#">Credit Limit Procedure consultation</a> for IESS matters addresses: <ul style="list-style-type: none"> <li>Terminology to be consistent with the IESS Rule</li> <li>Proposed ancillary services transactions related trading amounts into MCL calculations.</li> <li>Proposed MCL calculation methodology for new batteries.</li> </ul> Submissions were due 22 September with the Draft report due to be published on 20 October 2023.

### Frequency Performance Payments (FPP)

- AEMO conducted a workshop on pre dispatch and P5min FPP estimates with information outlined on slide 28 of the accompanying slide pack. AEMO noted that it will only consider producing FPP pre dispatch and P5min estimates should there be sufficient industry support. AEMO presented examples of pre dispatch and P5min estimates and are outlined on slide 29 and 30 of the accompanying slide pack.

## 5 Other reforms

(Slides 33-45)

### IDAM, IDX & PC

- AEMO provided an update on process to date with further information is outlined on slide 35 of the accompanying slide pack.

## SDADA Lite

- AEMO provided an overview of SCADA Lite and details on the project and why it is required. AEMO noted that SCADA Lite is scheduled for release in March 2024. Further information is available on slides 40 to 45 of the accompanying slide pack.

Raised by	Question/Issue Raised	Response
Andrew Wilkins – SA Water	Regarding SCADA Lite, does that mean allowing participants who don't have an obligation to connect via SCADA to transition across from an existing TNSP or DNSP who provided SCADA service across to SCADA Lite. Is there an expectation for us to maintain a TNSP or DNSP mediated SCADA connection?	SCADA Lite will generally only be available for the provision of data by aggregators, when there is no requirement for access by the DNSP or TNSP. An assessment criteria is being established to provide certainty to participants.

## 6 Consultation Update

(Slides 46-52)

### ST PASA – Verbal Update

- AEMO provided a verbal update on the project status of ST PASA with the intention to shortly re-engage with stakeholders previously involved in ST PASA workshops. Updates will also be provided to the EWCF on a regular basis.

### MLF Update

- AEMO provided an update on the Dispatch and MLF replacement engines. Further information on the key points for this replacement are outlined on slide 49 and 50 of the accompanying slide pack. In addition, stakeholder engagement will be conducted via the MLF forum in December 2023. Members are encouraged to provide any question or feedback by emailing [MLF\\_Feedabck@aemo.com.au](mailto:MLF_Feedabck@aemo.com.au).

## 7 Procedures consultation roadmap<sup>1</sup>

(Slides 53-58)

- AEMO provided a reform indicative procedure change timeline with further information outlined on slide 55 of the accompanying slide pack. AEMO noted that the Credit Limit Procedure consultation will close on 22 September 2023. Members are encouraged to refer to the [Indicative Change Table](#) for more information.

## 8 Upcoming engagements

(Slides 59-63)

- Not discussed and taken as read.

### General Stakeholder Briefing

(Slides 62-63)

- AEMO provided details on the next General and Roadmap briefing which will be held on 25 October.

## 9 NEM Wholesale Improvement

Chris Muffett (Slide 64-67)

- AEMO outlined the objectives and principles associated with the NEM wholesale improvements process. Details are outlined on slide 65 of the accompanying slide pack. AEMO noted that as part of this review that the EWCF will leverage the existing process used by the ERCF. AEMO will establish

<sup>1</sup> <https://www.aemo.com.au/initiatives/major-programs/integrating-energy-storage-systems-project/integrating-energy-storage-systems-procedure-changes/indicative-change-program>

a dedicated mailbox for all change forms soon. In the meantime, participants are asked to send these forms to the [NEMReform@aemo.com.au](mailto:NEMReform@aemo.com.au) inbox. Going forward, AEMO will provide ICFs received at future EWCF meetings moving forward. A template for the EWCF ICF will be attached to the minutes

## 10 General questions and other business

(Slide 68)

- 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
9.9.0.1	NEM Wholesale Improvement	AEMO to provide a template for the EWCF Issue/Change Form.	AEMO