

Forum meeting record

Forum:	NEM Reform Electricity Wholesale Consultative Forum #14
Date:	19 March 2024
Time:	1:00PM – 3:00PM AEDT
Location:	MS Teams

Warren Vosper	AER	Sam Lynch	KrakenFlex
Alif Rahman	AGL	Ron Logan	Shell Energy
Anton King	AGL	Ian Chapman	Stanwell
Darshitha Puthoor Pisharam	AGL	Lya McTaggart	Stanwell
Ken Schell	AGL	Suvid Satyawadi	Tally Group
Anne McTernan	Arrow Energy	Liam McManus	Vena Energy
Lina Choi	CleanCo QLD	Rowan Rogers	Windlab
Lindsay Williamson-Hanna	CQ Energy	Alice Kelly	AEMO
Brittany Morris	Energy Australia	Carla Ziser	AEMO
Joseph Giddings	Energy One	Chris Muffett	AEMO
Adam Kent	Global Roam	Emily Brodie	AEMO
Lewis Wand	Iberdrola	James Kelly	AEMO
Ligia Veliz Escobar	Iberdrola	Lenard Bayne	AEMO
Yvonne Tuckett	Origin Energy	Nicole Nsair	AEMO
Thomas Lozanov	Origin Energy	Oliver Derum	AEMO
Aadrita Banerjee	Origin Energy	Paul Johnson	AEMO
Karel Mallinson	Powerlink QLD	Ulrika Lindholm	AEMO

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)

- All action items were closed. Refer to slide 6 of the accompanying slide pack.

3 Inflight Reform Update

(Slides 7-18)

- An overview was provided of the following inflight initiatives:
 - Integrating Energy Storage Systems (IESS)

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- Frequency Performance Payments (FPP)
- Project Energy Connect -Market Integration (PEC-MI).

Integrated Energy Storage System (IESS)

- AEMO provided an update on IESS activities to date and noted that Market Trail will commence in two weeks and under three months till Go-Live.
- Key milestones, dates and key activities was provided with detailed information outlined on slide 10 of the accompanying slide pack.
- AEMO provided an Indicative Industry Timeline and is available on slide 11 of the accompanying slide pack.

Frequency Performance Payments (FPP)

- AEMO provided a plan on a page for the FPP reform implementation (available on slide 13 of the accompanying slide pack) and noted that the upcoming release of the reporting tech spec was on track for delivery in mid-April 2024. .
- AEMO highlighted the recent publication of new FPP information resources and are available via the [FPP project page on AEMO's website](#) with further details outlined on slide 14 of the accompanying slide pack.

Project Energy Connect -Market Integration (PEC-MI)¹

- AEMO advised that the directions paper consultation² is now complete with key information outlined on slide 16 of the accompanying slide pack.
- AEMO provided a 2023-26 plan on a page with key dates outlined on slide 17 of the accompanying slide pack.
- A PEC-MI Indicative Industry Timeline was provided and is available on slide 18 of the accompanying slide pack.
- A new Initiatives webpage has now been set up, with Information Session slide packs available.³

Raised by	Question/Issue Raised	Response
Ron Logan – Shell Energy	AEMO advice last Thursday at the AEMO Bi-Weekly Ops meeting is both stage 1 and 2 of PEC are running late. Could we get regular updates on PEC expected commissioning in the Forum please.	AEMO will continue to update the EWCF on publicly available information for the expected asset commissioning timelines and how these impact the PEC-MI reform activities.
Yvonne Tucket – Origin Energy	When are we thinking to see the PEC-MI changes come to the SRC? Do we have a view as to how long before? Is it Nov 2025 or a bit prior?	The next SRC meeting is May 2024. AEMO will update the EWCF on matters relating to the impact of PEC on the SRA.

¹ [AEMO | Project Energy Connect Market Integration Paper](#)

² <https://www.aemo.com.au/consultations/current-and-closed-consultations/project-energy-connect-market-integration-paper>

³ [AEMO | Project EnergyConnect – Market Integration project](#)

4 Consultation Update

(Slides 19-23)

Consultation on updates to the Reserve Level Declaration Guidelines⁴

- AEMO provided a brief outline of the consultation which commenced on 20 February and noted that two formal submissions have been received regarding the draft report
- In addition AEMO provided information on the key activities and dates for the consultation with further information outlined on slide 22 of the accompanying slide pack.
- AEMO outlined the consultation purpose with key details outlined on slide 23 of the accompanying slide pack.

Raised by	Question/Issue Raised	Response
Anton King - AGL	Is there an estimated cost, and ongoing cost, for running the new machine learning model?	No material change in cost to AEMO as both the BNN FUM model and replacement QR FUM model are run on existing internal AEMO servers, and the new QR FUM model is an in-house software with no licensing costs.
	Also, is there a link to the latest review of the confidence level for determining the forecast uncertainty measure please?	The most recent review was undertaken in August 2023. For the outcomes of the August 2023 Review and the link to the current guidelines please visit this page: https://aemo.com.au/en/energy-systems/electricity/national-electricity-market-nem/system-operations/power-system-operation AEMO is currently targeting consultation as part of the STPASA Replacement Project planned to commence in 2024 and intends to include a review of all aspects of the Guidelines within the scope of that consultation.
Peter Brooks - AEC	Are you going to put a seasonality parameter in the estimation equation?	Yes, a seasonality parameter amongst other temporal features is already incorporated as engineered features enabled by the inclusion of the proposed timestamp (referred to as 'time-of-day' input variable). We acknowledge the 'time-of-day' variable name could have been better chosen to reflect the fact that this is a timestamp variable used to generate subsequent temporal features. AEMO will clarify this in the final report.
Rowan Rogers - Windlab	Process query: Why is there a need to consult on this? Or is this more an AEMO initiative to promote transparency?	AEMO will continue to consult on matters of importance to stakeholders as part of our commitment to good stakeholder engagement. Under the NER, this Guideline

⁴ <https://www.aemo.com.au/consultations/current-and-closed-consultations/2024-Consultation-on-changes-to-Reserve-Level-Declaration-Guidelines>

Raised by	Question/Issue Raised	Response
		is required to be consulted through 8.9 Rule Consultation Procedure.

5 Procedures Consultation Roadmap

(Slides 24-28)

- AEMO provided a Wholesale Electricity indicative Consultation Timeline with details outlined on slide 28 of the accompanying slide pack.
 - Please visit the [Indicative Change Program](#) webpage for more information on the IESS Rule procedure/document consultations.

6 NEM Wholesale Issues & Changes

(Slides 29-48)

ICF 001 – Reducing the notification period for Default Contribution Factors

- AEMO provided an update on the ICF 001. Based on a lack of stakeholder comment, AEMO will not be progressing the further exploration and potential development of a rule change at this time, however, will look for opportunities to include it with any related rule changes in the future.

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

- AEMO provided an update on the ICF 002. Further details are outlined on slides 33 through to 48.

Raised by	Question/Issue Raised	Response
Ron Logan – Shell Energy	Why is taking 7 seconds to be available to participants database.	This is partly a consequence of the FTP protocol involved in transferring files from AEMO systems to Participant systems.
	With regard to T - 3 secs SCADA. Could this be brought forward by 15 to 20 secs?	<p>The current dispatch process is taken at T-3s to ensure the solution is as closely representative of the real time state of the power system for that interval. By shifting the SCADA snapshot forward, there is a risk that power system events (e.g. a unit trips) would fail to be captured in the NEMDE solution.</p> <p>AEMO would need to further assess the impacts to the power system to ensure no adverse impacts as a result of moving process timings forward.</p>

7 Other reforms

(Slides 49-55)

IDAM, IDX & PC

- AEMO provided a recap for the Foundational & Strategic Initiatives with detailed information outlined on slides 51 of the accompanying slide pack. AEMO provided key milestones/next steps as outlined on slide 52.

SCADA Lite

- AEMO provided a summary of the SCADA Lite release and function with detailed information outlined on slide 54 of the accompanying slide pack.
- In addition, AEMO has now received investment approval to proceed with SCADA lite with the expectation that SCADA lite Go -Live in 4th Quarter of 2024.

ST PASA

- AEMO provided a brief verbal update on ST PASA. The rule will commence in July 2025 with AEMO currently looking at how ST PASA calculations will be calculated.

Raised by	Question/Issue Raised	Response
Yvonne Tuckett - Origin Energy	My questions for ST PASA are about any changes needed for FY25. It's not clear if anything will change for participants and hence if anything is needed.	AEMO is proposing to provide more details at the next EWCF on what changes are involved in FY25.
Rowan Rogers - Windlab	Will there be a need to revisit costing on information related work/projects due to the new constraints (e.g. SOCI-related)?	AEMO has begun preliminary work on the impact of complying with the SOCI Act both in terms of existing functions and the reform program, but there has been no specific need to revise costings at this stage.

8 For noting

(Slides 56-58)

Upcoming Engagements

- Refer to slide 57 & 58.

9 General questions and other business

(Slides 59)

- AEMO noted that Enhancing Reserve Information and Improving security frameworks for the energy transition will be included in the next EWCF slide pack.
- Queries and feedback may be sent to NEMReform@aemo.com.au.

OPEN ACTION ITEMS

(Item = Meeting # – Agenda # – Reference)

Item	Topic	Action	Responsible
14.6.1	NEM Wholesale Issues & Changes	Participants to provide their feedback on the following (prior to 16 April): <ul style="list-style-type: none"> • Has the information provided to date been helpful? • Is dispatch timing a key issue for your business, and should AEMO continue to prioritise resources to assess and explore options to resolve? • Any other feedback that may assist, including how to strike the appropriate balance between reliability and performance of the dispatch process. 	Participants