

Forum meeting record

Forum:	WA Electricity Consultative Forum
Date:	22 February 2023
Time:	1:00pm
Location:	Microsoft Teams
Contact:	WAgasforum@aemo.com.au

Attendees:

Name	Company Department
Teresa Smit (Chair)	AEMO
Laura Tomkins (Secretariat)	AEMO
Garth Gum Gee	Ace Power
Marc Hettler	AGL
Mark Riley	AGL
Nick Eaton	Alcoa
Suzanne Bentley	Alcoa
Oscar Carlberg	Alinta Energy
Sam Lei	Alinta Energy
Ben Wu	APA
James Ha	Aurora Energy Research
Michael Hackwill	Aurora Energy Research
Tim Rosser	Blairfox
Adam Stephen	Bluewaters
Geoff Gaston	Change Energy
Francois Giraud	Collgar
Jake Flynn	Collgar
Steven De Clerck	Collgar

Name	Company Department
Gill Willmer	Community Electricity
Oliver Lee	Enel X
Scott Cornish	Enel X
Harry Street	Entego
Brad Smart	EPWA
Dora Guzeleva	EPWA
Jay Williams	EPWA
Laura Koziol	EPWA
Marcel Tripolone	EPWA
Stephen Eliot	EPWA
Taron Brearley	EPWA
Donna Todesco	ERA
Elizabeth Walters	ERA
Erdem Oz	ERA
Kobi Tyrrell	ERA
Richard Cheng	ERA
Mradul Dhakar	Global Power Generation
Gordon Sue	IBA
Dylan Teh	Kleenheat
Quentin Jeay	Kleenheat
Bobby Ditric	Lantau Group
Luke O'Callaghan	Lavan Legal
Penny Ling	Metro Power
Timothy Edwards	Metro Power
Vlasta Barac	Metro Power
Andrew Scarfone	Perth Energy
Patrick Peake	Perth Energy
Eddy Buckovic	Red Hill Energy
Ovi Dutt	Res-group
Paul Arias	Shell
Tessa Liddelow	Shell

Name	Company Department
Jasper Sng	South32
Lucy Wu	South32
George Martin	Starling Energy
Anna Zohar	Synergy
Cameron Owens	Synergy
Denver May	Synergy
Dominic Regnard	Synergy
Matt Sarich	Synergy
Sophie Maio	Synergy
Teresa Maguire	Synergy
Peter Huxtable	Water Corporation
Dean Frost	Western Power
Dugald Bell	Western Power
Judy Hunter	Western Power
Mark McKinnon	Western Power
Valentina Kogon	Western Power
Noel Schubert	
Andrew Smith	AEMO
Erika Canuti	AEMO
Jennie Arts	AEMO
Neetika Kapani	AEMO
Toby Price	AEMO
Tom Butler	AEMO

1 Welcome and previous meeting minutes

Teresa Smit (AEMO) opened the meeting at 1:02pm, welcomed attendees to WAECF No. 41.

The minutes from the previous WAECF (7 December 2022) were endorsed. AEMO to publish the minutes as final on the website (action item 1.1).

2 AEMO Operational Updates

2.1 Power System Update

David Lai (AEMO) presented a power system update focusing on navigating through the summer period noting, the volume of outages has reduced, mild weather conditions have resulted in loads that have not reached forecast 10% PoE loads, coal preservation has been a key focus and dispatch of the SWIS fleet has returned to a more normal profile and an updated LOR factsheet is now available on the website. David also noted Supplementary Reserve Capacity (SRC) was activated twice this summer.

Stakeholder questions and feedback:

Patrick Peak (Perth Energy): How do you decide whether to call SRC rather than call uncommitted generators (like Merredin power station)

AEMO: The determination of whether SRC is required, takes into account the lead time of the contracts and also assumes that all those generators will be dispatched.

Oscar Carlberg (Alinta): Does activation mean how much was delivered or how much was requested?

AEMO: It's how much was requested.

Cameron Owens (Synergy): Does AEMO have any feedback on performance and visibility of SRC?

AEMO: This is something AEMO can consider how to provide at a future forum.

2.2 Non-Co-Optimised Essential System Services (NCESS) Update

Toby Price (AEMO) presented some context, background information and next steps on the NCESS for reliability 2024/25 procurement process that AEMO is currently undertaking. Noting, the services AEMO is procuring is up to 830 MW of peak capacity and 269 MW of minimum demand service. The call for NCESS submissions close on 21 March 2023, with selection and contracting scheduled for April 2023.

Stakeholder questions and feedback:

Oscar Carlberg (Alinta): To what extent is the new ROCOF market expected to offset the requirement for the min demand service?

AEMO: The presence of a ROCOF control service market will only allow feasible dispatch outcomes within the market to occur. This is triggering where there is no feasible outcome. AEMO cannot procure sufficient services to cover all FCESS services and meet demand, this is on top of that. Therefore, presence of the ROCOF control service market should ensure the right facilities are constrained on to provide those services and are online to meet demand at minimum, but they do not allow us to increase demand to a level that we can produce all of those services.

Oliver Lee (Enel X): How do NCESS (Peak Demand) expected dispatch hours compare with RCM expected dispatch hours (total quantity and time of day/year)? And why is this so much higher than SRC hours utilised in the 2022/23 summer to date?

AEMO: The quantum of capacity and the assumptions therefore around the utilisation of that, so the SRC was for a much smaller quantity and therefore is required in a smaller quantity of more peaky hours, whereas the 830 MW of capacity is assumed to be required more regularly.

Cameron Owens (Synergy): are we able to get the expected frequency data in excel rather than pdf?

AEMO: Yes, this can be provided as an addendum to the tender.

Oliver Lee (Enel X): What is merit order of dispatch (esp. relative to RCM, but also within NCESS - i.e., Scheduled, Semi-Scheduled, unregistered, and how would this work if AEMO does not procure the full 830MW)?

AEMO: The clauses in the service specification point to AEMO activating the unregistered facilities where the market outcomes are not forecast to achieve the required quantities. Therefore, all the scheduled and semi-scheduled facilities would be dispatched first in accordance with their offers and when much like with SRC there is insufficient generation to meet demand, AEMO would be activating the unregistered equipment.

Oscar Carlberg (Alinta): Is AEMO able to comment on what is expected to cause the reduction in capacity due to NAQs?

AEMO: The challenge for AEMO is the NAQ has not been run for any capacity year to date. In the process of developing that tool AEMO have prototyped using older constraint equations, using assumptions around which facilities will participate in some outcomes. They do not necessarily represent the expectation of what will happen when AEMO run the NAQ process with the finalised model. This represents a risk factor AEMO applied, but it's not a definitive expectation of the outcome of the first NAQ cycle.

2.3 Reserve Capacity Update

Neetika Kapani (AEMO) provided an update on Reserve Capacity activities, noting the following key upcoming dates:

- 14 April – AEMO notifies CRC assignments for the 2022 RC cycle by 5pm
- 1 March – 2023 expressions of interest window closes
- 14 April – 2023 CRC window opens at 9am
- April 2023 – AEMO will hold a Forecasting Reference Group and a workshop to present the draft reliability assessment results.

2.4 Quarterly Energy Dynamic (QED) Report Insights

Jennie Arts (AEMO) presented some key insights from the Quarter 4 QED that was published on 25 January 2023 noting:

- A new minimum operational demand record and a new maximum DPV generation output record.
- Several renewables records.
- Weighted Average Balancing Price at an all-time quarterly high and new record for maximum Balancing Price.
- All-time lowest quarterly average coal-fired generation.
- Increase in gas production and gas demand for electricity generation.

Stakeholder questions and feedback:

James Ha (Aurora Energy Research): Do we expect volumes cleared in balancing market to continue growing over time as more utility-scale renewables are deployed?

AEMO:

- Generation cleared for dispatch in the Balancing Market is relative to the operational demand. Total operational demand has increased over time due to the increase in underlying demand, which is partially offset by increasing DPV generation.
- Increases in registered utility-scale renewables will result in an increase in available generation but does not directly influence the amount cleared in the Balancing Market.

- Increasing registered renewable generation does however make additional, typically lower cost, generation available to the market.

Cameron Owen (Synergy): Does AEMO have any analysis that can be shared on how well the forecast predicted the swings from the DPV shown in the graph from November? Also, if there is any information on future state that will help improve the forecast.

AEMO: Taken on Notice, action item 2.4.1

3 AEMO Project Updates

3.1 WEM Reform Program update

Andrew Smith (AEMO) provided an update on WEM Reform Program noting that, following a full program review, AEMO has increased confidence in achieving the 1 October 2023 go live date, however whilst the scope and schedule have been resolved, additional funding is expected to be required and the Program status will remain as 'red' until budget is resolved. The next WEM Reform Implementation Group will be held on 23 February 2023.

3.2 WA DER Roadmap update

Tom Butler (AEMO) presented an update on the WA DER program, providing a high-level update on Project Symphony, DER Participation, Technology integration and DER Register. The next WA DER market participation forum will be held on 14 March 2023.

4 Allowable Revenue and Forecast Capital Expenditure (AR6) in-period submission update

Martin Maticka (AEMO) provided an update on AEMO's AR6 in-period submission covering off on the timing, a high-level scope, the drivers of AEMO's in-period capex submission, WEM Reform implementation, WEM and GSI sustaining capex and Market participant and consumer impacts.

Stakeholder questions and feedback:

Mark Riley (AGL): Suggested AEMO provide Market Participants (MP) with a forecast of budget requirements, perhaps in a workshop, so MP's can factor this into customer contracts.

5 Other Business

No other business was raised.

6 Meeting close

Teresa Smit (AEMO) thanked participants for attending and noted the date for the next WAECF is scheduled for 19 April 2023. The closed the meeting at 2:17pm.

Disclaimer

This document provides an overview of the main points of discussion at an industry forum convened by AEMO on 22 February 2023 to provide information and invite perspectives and feedback on matters relating to WA Electricity Consultative Forum). Readers, please note that:

- This document is a summary only and is not a complete record of discussion at the forum.
- For presentation purposes, some points have been grouped together by theme and do not necessarily appear in the order they were discussed.
- The views expressed at the forum and reflected here are not necessarily those of AEMO.