

## MEETING RECORD

MEETING: WA Electricity Consultative Forum (WAEFCF)  
 DATE: Wednesday, 4 May 2022  
 TIME: 9:00 AM (AWST)  
 LOCATION: Microsoft Teams  
 CONTACT: [WAelectricityforum@aemo.com.au](mailto:WAelectricityforum@aemo.com.au)

### ATTENDEES:

NAME	COMPANY
Dean Sharafi (Chair)	AEMO
Laura Tomkins (Secretariat)	AEMO
Patrick Peake	AGL
Mark Riley	AGL
Liz Aitken	Aitken Energy
Adam Stephen	Alinta
Sam Lei	Alinta
Michelle Nguyen	Alinta
Soham Roy Chaudhuri	Alinta
Zulfi Syed	Alinta
Oscar Carlberg	Alinta
Audelle Hong	Alinta
Rebecca Mason	APA
Stuart Dodds	APA
Tim Rosser	Blairfox
Dimitri Lorenzo	Bluewaters
Paul Arias	Bluewaters
Cherie Cooper	Change Energy
Geoff Gaston	Change Energy
Rebecca White	Collgar
Gill Willmer	Community Electricity
Reza Ryan	Curtin University
Iain Murray	Curtin University
Tele Tan	Curtin University
Neil Duffy	EDL Energy
James Hyatt	Enel X
Graham Pearson	Energy Council
Zoey Peng	Entego
Harry Street	Entego
Stephen Eliot	EPWA
Isaac George	EPWA
Bronwyn Gunn	EPWA
Dora Guzeleva	EPWA
Steven Kruit	EPWA
Adnan Hayat	EPWA
Elizabeth Walters	ERA
Gavin White	ERA

Jake Flynn	ERA
Erdem Oz	ERA
Raymond Lobo	ERA
Donna Tedesco	ERA
Sara O'Connor	ERA
Rajat Sarawat	ERA
Irina Stankov	ERA
Robert Pullella	ERA
Julian Fairhall	ERA
Natalie Robins	ERA
Kae Choo	EY
Jeremy Huynh	Hesperia
Gordon Sue	IBA
Matthew Bowen	Jackson MacDonald
Quentin Jeay	Kleenheat
Leonardi Thamron	Kleenheat
Bobby Ditric	Lantau Group
Penny Ling	Metro Power
Vlasta Barac	Metro Power
Sarah Rankin	Moonies Hill
John Nguyen	Perth Energy
Erin Stone	Point Global
Wendy Ng	Shell
Tessa Liddelow	Shell
Simon Akero	Shell
Charles Loh	Shell
Lucy Wu	South 32
Brad Huppatz	Synergy
Denver May	Synergy
Bec Ngooi	Synergy
Nimish Trivedi	Synergy
Genevieve Teo	Synergy
Natalie Ristoski	Synergy
Brent Quinn	Synergy
Peter Huxtable	Water Corp
Mark Mckinnon	Western Power
Dane Hobson	Western Power
Dean Frost	Western Power
Alyce Lines	Western Power
Richard Asch	Western Power
Michelle Ferrari	Western Power
Judy Hunter	Western Power
Noel Schubert	
Russell Frost	AEMO
Grace Lui	AEMO
Rachel Tandy	AEMO
Mike Hales	AEMO
Andrew Smith	AEMO
Tim Daly	AEMO
Kate Ryan	AEMO
Tom Butler	AEMO

## 1. Welcome and Previous meeting minutes

Dean Sharafi (AEMO) opened the meeting at 9:03 am. The minutes from the previous WAECF (2 March 2022) were endorsed with a minor amendment. AEMO to publish the minutes as final on the [website](#) (Action Item 1.1).

Kate Ryan (AEMO) Executive General Manager WA and Strategy welcomed attendees to the WAECF.

## 2. AEMO Operational Updates

### 2.1. Power System Update

Russell Frost (AEMO) presented on two recent events seen in the power system. The first, a large power swing event that occurred on 26 March 2022 and the second, some minimum demand levels that occurred over the April 2022 holiday period.

Noel Schubert: Will the new co-optimised dispatch engine from October 2023 cope better (automatically) with load volatility (less need for controller manual intervention)?

- AEMO: The new dispatch system should deal with these situations better, as it will redispatch every 5 minutes as compared with the current dispatch system which redispaches every 10 minutes. Furthermore, the new dispatch system will send all on-line generators to a new target every 5 min as opposed to the current one which only re-dispatches the marginal generator every 10 min.

### 2.2. Cyber Security update

Tim Daly (AEMO) presented some recent cyber incidents affecting energy market participants in Australia, discussed the security of Critical Infrastructure Act Reforms and the Australian Energy Sector Cyber Incident Response Plan.

Stakeholder Questions:

Wendy Ng (Shell): Is there a requirement for an annual attestation by the Board? Or is it just mandatory reporting?

- AEMO: The way the rules are shaping up is that there will be a requirement for annual attestation by the board around that risk management program. The Department of Home Affairs, cyber–Infrastructure Security Centre is developing the guidelines around what that report and attestation needs to include.

Rebecca White (Collgar): You mentioned that the WA Government/AEMO may be planning for cyber security for the WEM. I recall previous information from AEMO was that how we manage cyber risk is Market Participant (MP) responsibility, albeit AEMO will provide guidance. Do you anticipate the WA placing specific obligations on MPs?

- AEMO: The Australian energy sector cyber incident response plan is intended to adopt and align with WEM Operations. AEMO is not looking to impose obligations on market participants. Noting the Commonwealth legislation is a national legislation that does apply to WEM Market participants; therefore, those obligations will be placed on WEM market participants.

### 2.3. Reserve Capacity update

Grace Liu (AEMO) provided an update on Reserve Capacity activities noting:

- The Capacity Credit assignment has been completed for the 2021 Reserve Capacity Cycle, for the capacity to be delivered in the 2023-24 Capacity Year. The assignment concluded

on 28 April 2022. This was the first cycle AEMO applied the linearly derating capacity method to certify electric energy storage resources. It was also the first cycle we certified the capacity on a component basis. AEMO has assigned 4,727 megawatts of Capacity Credits for the 2021 cycle and it is sufficient to meet the Reserve Capacity Requirement, representing around a 7.5% access capacity level. The Reserve Capacity Prices have been published on [AEMO's website](#), noting the price for the 2023-24 Capacity Year has increased compared to the previous Capacity Year, primarily due to a reduction in the excess capacity level.

- The Expressions of Interest submission window for the 2022 Reserve Capacity Cycle will close on 9 May 2022. The Network Access Quantity (NAQ) framework will apply for the Capacity Credits assignment for the 2022 cycle, and AEMO has updated the [EOI submission template](#) to allow the participants to provide more detailed locational and network connection information. This information will be provided to Western Power for them to develop the RCM Limit Advice for NAQ calculation purposes.
- The development of the 2022 WEM Electricity Statement of Opportunities (ESOO) is progressing as scheduled. A dedicated Forecast Reference Group was held on 13 April 2022, feedback from this forum will be incorporated where practicable. The preliminary findings will be presented to the AEMO board on 5 May 2022. The final report is expected to be presented to the Board for approval in early June and published by 17 June 2022. The key findings from the WEM ESOO will be discussed at the next WAECF on 29 June 2022.

Questions and feedback can be directed to [wa.capacity@aemo.com.au](mailto:wa.capacity@aemo.com.au)

#### **2.4. Quarterly Energy Dynamic (QED) update**

Rachel Tandy (AEMO) presented the key observations, trends, and outcomes from the Quarter 1, 2022 QED report. The full QED report can be found on [AEMO's website](#).

#### **3. AEMO's Allowable Revenue and Forecast Capital Expenditure (AR6) Update**

Mike Hales (AEMO) provided an update on AEMO's Allowable Revenue and Forecast Capital Expenditure (AR6) submission noting; AEMO has submitted a revised proposal and the final ERA determination will be expected on the 31 May 2022. All related papers can be found on ERA's [website](#).

Oscar Carlberg (Alinta): What will be the trigger point for pursuing the DER projects not yet matured? Will there be a CBA?

- AEMO: Given that the If AEMO would be developing an in-period submission for projects that AEMO sees as high value then this process is the appropriate process to demonstrate costs and benefits sufficient to satisfy the ERA's approval.

#### **4. AEMO Project Update**

##### **4.1. WEM Reform update**

Andrew Smith (AEMO) presented an update on the WEM Reform Program covering March and April 2022, noting the overall status is still in amber because of challenges acquiring and retaining required resources in the current tight labour market. More information and any feedback can be provided to [WA.ETS@aemo.com.au](mailto:WA.ETS@aemo.com.au)

## 4.2. AEMO WA DER Roadmap update

Tom Butler (AEMO) provided a high-level update on the activities underway and completed within the WA DER Program, noting the team have been focusing on three main areas including:

- The Technology Integration project has completed the development of dynamic models for DER and load. This piece of work will uplift the understanding and ability to model the system including the behaviour we are seeing on the ground from DER and load during disturbances. AEMO has made a measurable improvement there to the modelling which will help make better planning decisions going forward.
- AEMO have also been focusing on an emerging challenge around inverter compliance, due to recent findings of poor compliance, and changes to the spinning reserve requirements and off the back of our understanding of DPV or solar PV tripping during disturbances. Nationally, AEMO is working with the Clean Energy Council around installer education and collaborating with EPWA in WA
- Project Symphony has been moving along, the team in Symphony have a drop this week which is enhancements to the MVP from earlier this year, this is more of an integrated version of a balancing market submission to AEMO. A big focus of the team has been around contingency raise services, which is one of the scenarios in Project Symphony and trying to come to a landing on what appropriate measurements are required for contingency services provided at the customer level. Given that Symphony is a technology trial we are keen to test and trial to gain learnings to inform what we might do in the operational future state

AEMO will be holding more in-depth updates every quarter in the WA DER market participation forum. The next forum is scheduled for 15 June 2022. To sign up for invites or any questions on DER can be directed to [WADERProgram@aemo.com.au](mailto:WADERProgram@aemo.com.au)

## 5. Other Business

Dean Sharafi (AEMO) noted, AEMO has identified the requirement for a Fast Frequency Response service. This service can now be procured through Non-Cooptimized Essential System Services (NCESS). We made the submission to EPWA on the need for that service and the Coordinator of Energy has made the trigger determination for procurement of that service. This determination is now published on EPWA's website, so hopefully we can get this service in time for October this year.

## 6. Next Meeting

Dean Sharafi (AEMO) informed participants that the date for the next WAECF is scheduled for 29 June 2022. The meeting was closed at 10:34 am.

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Disclaimer - This document provides an overview of the main points of discussion at an industry forum convened by AEMO on 04 May 2022 to provide information and invite perspectives and feedback on matters relating to WA Electricity Consultative Forum (WAECF). 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.