MEETING RECORD

MEETING: WA Electricity Consultative Forum (WAECF)

DATE: Wednesday, 2 March 2022

TIME: 1:00 PM (AWST)

LOCATION: Microsoft Teams

CONTACT: 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
Jin Han Teng	Akuo Energy
Nick Eaton	ALCOA
Michelle Nguyen	Alinta
Sam Lei	Alinta
Oscar Carlberg	Alinta
Michelle Nguyen	Alinta
Jacinda Papps	Alinta
Sam Lei	Alinta
Stuart Dodds	APA
Rebecca Mason	APA
Timothy Rosser	BlairFox
Joe Scott	Blue Shore Energy
Dimitri Lorenzo	Bluewaters
Paul Arias	Bluewaters
Geoff Gaston	Change Energy
Cherie Cooper	Change Energy
Linh Nguyen	CME
Rebecca White	Collgar
Michelle Thomas	EDL Energy
Claire Richards	Enel X
Harry Street	Entego
Jenny Laidlaw	EPWA
Laura Koziol	EPWA
Stephen Eliot	EPWA
Isaac George	EPWA
Dora Guzeleva	EPWA
Adrian Theseira	ERA
Natalie Robins	ERA
Irina Stankov	ERA
Erdem Oz	ERA
Rajat Sarawat	ERA
Raoul Abrutat	ERA

Gavin White	ERA
Raymond Lobo	ERA
Richard Cheng	ERA
Julian Fairhall	ERA
Gill Willmer	Eureka Electricity
Steve Gould	Eureka Electricity
Kae Choo	EY
Jeremy Huynh	Hesperia
Hugh Webster	Infrastructure Capital
Bobby Ditric	Lantau Group
Timothy Edwards	Metro Power
Sarah Rankin	Moonies Hill Energy
John Dillon	Partum Engineering
Ian Porter	SEN
Wendy Ng	Shell
Charles Loh	Shell
Simon Akero	Shell
Neil Canby	Sunrise Energy
Dominic Regnard	Synergy
Sangita Bista	Synergy
Nimish Trivedi	Synergy
Matt Sarich	Synergy
Bec Ngooi	Synergy
Jill Trinh	Synergy
Denver May	Synergy
Brent Quinn	Synergy
Nicholas Borovac	Synergy
Rodney Littlejohn	Tersum Energy
Hari Sridhar	TransAlta
Peter Huxtable	Water Corp
Andrew Walker	Western Power
Dean Frost	Western Power
Mark McKinnon	Western Power
Randy Supangat	Western Power
Judy Hunter	Western Power
Tinna Needham	Western Power
Noel Schubert	
Lucas Zieland	AEMO
Alessio Ricciardi	AEMO
Neetika Kapani	AEMO
Sonja Ingwersen	AEMO
David Dixon	AEMO
Ganesh Saravanan	AEMO
Andrew Smith	AEMO
Tom Butler	AEMO

1. Welcome and Previous meeting minutes

Dean Sharafi (AEMO) opened the meeting at 1:02 pm, welcomed attendees to WAECF No.35

The minutes from the previous WAECF (8 December 2021) were endorsed. AEMO to publish the minutes as final on the website (Action Item 1.1).

2. Terms of Reference Update

Dean Sharafi (AEMO) confirmed the changes to the Terms of Reference, there were no comments. AEMO to publish updated version on the website.

3. AEMO Operational Updates

3.1. Power System Update – Summer 21/22 review

Lucas Zieland (AEMO) presented case studies which showed some of the short-term planning and considerations associated with recent peak load events and recent high temperatures and corresponding record loads.

Stakeholder Questions:

Liz Aitken (Aitken Energy): What would the load on the 26th have been if there had not been Western Power outages? Would it have been a system record?

- AEMO: At the time there was 150MW of outages, that could be added to the load.

Oscar Carlberg (Alinta): Would AEMO consider estimating what load would have been had it not been a public holiday?

- AEMO: The demand would have been higher if there were more offices open, however, it would be difficult to know what the load would have been on that day had it not been a public holiday.

Sam Lei (Alinta): In the 2021 ESOO, 10% POE for 2021-22 is 3,917MW. Does that mean that we did exceed the ESOO POE10 forecast this summer several times?

- AEMO: The metric AEMO uses for recording and forecasting engineering is System Load which includes behind the fence loads and generator auxiliaries, as that's the number shown in SCADA. Therefore, it was the system load that exceeded 4000MW.

Liz Aitken (Aitken Energy): Were there characteristics of this 10% PoE summer that will be repeated next year? Indian ocean diopole or just general climate change?

- AEMO: It is the effect of Distributed PV is significant on pushing peak loads up, it is getting to a point where DPV isn't contributing to the peak interval anymore.

Liz Aitken (Aitken Energy): Did the price signals on the days analysed create an appropriate generator response?

- AEMO: The price reached the limit on the day.

Ian Porter (SEN) expressed concerns for system security and the reliability of some generator units. He asked what has been planned to compensate for this?

- AEMO: The review of the Reserve Capacity Mechanism (RCM) will look into the needs of the power system and model scenarios, after which the new RCM will be implemented.

3.2. Power System Update – Managing Extreme Low Loads

Teresa Smit (AEMO) noted that the obligations for the capability to enable Emergency Solar Management (ESM) was introduced on 14 February 2022 and the action supports one of the recommendations from the September 2021 Renewables Integration Paper, ready to have this capability as a last resort, as an emergency backstop when there are no other options available to manage extremely low periods. Alessio Ricciardi (AEMO) then presented the considerations that AEMO will take when requiring ESM to be implemented and the proposed communications associated with this.

Stakeholder Questions:

Ian Porter (SEN): Any future DSM initiatives under planning?

- AEMO: When the RC requirement is set, if Participants can offer DSM, they can participate. It is worth noting Project Symphony is trialling inclusion of the DSM into the market such that DSM can be provided through a market mechanism.

Sangita Bista (Synergy): Restoring = WP turning on the PV inverters?

- AEMO: Yes, restoring means this is no longer required, those inverters will be restored.

Owen Cameron (Enel X): What is minimum load? Published on Market Data site?

- AEMO: The threshold will depend on a lot of factors closer to the time. AEMO is confirming a range of likely minimum loads, depending on dispatch outcomes. At this stage it will not be published, however AEMO will take this into consideration and how it will be utilised.

Sam Lei (Alinta): How many MDT events does AEMO expect this year?

- AEMO: it is hard to say, hopefully AEMO will not need to use this.

Mark Riley (AGL): have the processes been tested?

- AEMO: AEMO with Western Power and Synergy have performed a desktop study and a full process dry run successfully.

Richard Cheng (ERA): This process makes sense if you are forecasting the MDT to be exceeded. If on the day AEMO had not forecast an MDT event but due to a network/load outage the load now falls below MDT, does this mean that AEMO may have to use ESM without market notification?

- AEMO: AEMO will provide market notification as soon as an MDT event is identified, there is a condensed version of the process which will be used in case of change in forecasts or contingencies. AEMO will still need to provide dispatch advisories (MDT Notice) as soon as practical going into emergency state.

Mark Riley (AGL): assuming the min load is dynamic - will the MDT notices specify that lower limit? In the notices?

- AEMO: The MDT notices currently do not stipulate what the low load number will be on the day. The notice will just provide the advice that intervention may occur to maintain the system load above the MDT. AEMO will review whether this additional information can be added to the Notices.

Sangita Bista (Synergy): Wondering if the locational requirement is taken care of: How does WP know which NMIs to turn down?

- AEMO: ESM is required to respond to a system level limit and has no locational requirement.

3.3. Reserve Capacity Update

Neetika Kapani (AEMO) provided an update on Reserve Capacity activities noting:

A consultation paper was published on 24 January 2022, regarding a proposed deferral of the 2022 Reserve Capacity (RC) timetable. Noting that the deferral would allow AEMO to resolve some complexities in the NAQ framework implementation and provide market participants an opportunity to fully understand the framework and the associated changes in the Certified Reserve Capacity (CRC) processes to support their commercial decisions. The timetable was made effective on 18 February 2022. There are a few key dates to note in relation to the timetable:

- The EOI window for the 2022 RC timetable has been pushed out to 9 May 2022.
- The CRC window for the 2022 RC Cycle now opens on 18 October 2022 and closes on 14 February 2023.
- The team are busy assessing the CRC applications received for the 2021 RC cycle and will advise market participants individually of their assessments on 11 April 2022. Capacity Credits will be assigned on 28 April 2022.

The Certified Reserve Capacity, the Indicative Facility Class and the Trade Declaration market procedures were made effective from 2 March 2022.

The 2022 WEM Electricity Statement of Opportunity (ESOO) is currently underway. AEMO appreciates the time stakeholders have taken in providing feedback on the 2021 WEM ESOO survey. Any further feedback can be provided to wa.capacity@aemo.com.au

3.4. WEM Electricity Statement of Opportunity (ESOO) Survey results

Sonja Ingwersen (AEMO) presented the feedback provided by stakeholders from the 2021 WEM ESOO survey. This feedback will be used to shape the 2022 WEM ESOO and future ESOO reports.

3.5. Quarterly Energy Dynamics (QED) Report

David Dixon (AEMO) presented the key observations, trends, and outcomes from the Quarter 4 2021 QED report.

Stakeholder Questions:

Sam Lei (Alinta): where is the interval distributed PV data from? is AEMO planning to make that dataset public?

- AEMO: the data is produced internally by AEMO, It's an estimate based on sensor data collected from actual solar sensors in the SWIS and then it is extrapolated out based on how much capacity of how many solar panels are installed each month. It's not currently a data set that is shared with the public, however AEMO is planning on sharing this in the future.

Richard Cheng (ERA): you pointed out that less is being bid at the floor price (<-$750) do we know which units are not bidding there anymore?

- AEMO: Taken on Notice. Action item 3.5.1

Mark Riley (AGL): how does this relate to metered solar export?

- AEMO: Metered solar export is an actual measured value from those specific exporting units, whereas AEMO's is an extrapolation across the whole region.

Ian Porter (SEN): Is the 2021 PV MW Installed data available yet?

- AEMO: This data is available from the Clean Energy Regulator.

4. AEMO's Allowable Revenue (AR6) Update

Ganesh Saravanan (AEMO) presented an update on AR6 and provided an overview on AR5.

5. AEMO Projects Updates

5.1. WEM Reform Program

Andrew Smith (AEMO) presented an update on the WEM Reform Program noting AEMO is managing to meet all of the revised milestones. Any feedback can be provided to WA.ETS@aemo.com.au

5.2. WA DER Program

Tom Butler (AEMO) provided a high-level update on the activities underway and completed within the WA DER Program. The next WA DER market participation form is scheduled for 15 March 2022. Any questions on DER can be directed to WADERProgram@aemo.com.au

6. Other Business

No other business was raised

7. Next Meeting

Dean Sharafi (AEMO) informed participants that the date for the next WAECF is scheduled for 4 May 2022. The meeting was closed at 2:40 pm.

Disclaimer - This document provides an overview of the main points of discussion at an industry forum convened by AEMO on 02 March 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.