

MINUTES

MEETING: WA Electricity Consultative Forum (WAECF)
 DATE: Wednesday, 25 November 2020
 TIME: 1:00 PM (AWST)
 LOCATION: Microsoft Teams
 CONTACT: WAelectricityforum@aemo.com.au

ATTENDEES:

| NAME | COMPANY |
|-----------------------------|-----------------------|
| Dean Sharafi (Chair) | AEMO |
| Laura Tomkins (Secretariat) | AEMO |
| Mark Riley | AGL |
| Liz Aitken | Aitken Energy |
| Graeme Antczak | Alinta |
| Michelle Nguyen | Alinta |
| Sam Lei | Alinta |
| Audelle Hong | Alinta |
| Martin Jurat | Amanda Energy |
| Luisa Thorburn | APA |
| Naomi Donohue | APA |
| Rebecca Mason | APA |
| Stuart Dodds | APA |
| Paul Arias | Bluewaters |
| Dimitri Lorenzo | Bluewaters |
| Louise Thomas | CCIWA |
| Cherie Cooper | Change Energy |
| Geoff Gaston | Change Energy |
| Dev Singh | Collgar Wind Farm |
| Steve Gould | Community Electricity |
| Ignatius Chin | EMCA |
| Graham Pearson | Energy Council |
| Jai Thomas | EPWA |
| Aden Barker | EPWA |
| Rachelle Gill | EPWA |
| Irina Stankov | ERA |
| Erdem Oz | ERA |
| Julian Fairhall | ERA |
| Rajat Sarawat | ERA |
| Manuel Arapis | ERA |
| Sara O'Connor | ERA |
| Elizabeth Walters | ERA |
| Shibli Khan | ERA |
| Linh Le | Kleenheat |
| Peter Kolf | KPKSAS |
| Bobby Ditric | Lantau Group |
| Timothy Edwards | Metro Power |
| Sarah Rankin | Moonie Hill Energy |
| Patrick Peake | Perth Energy |

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|-------------------------|----------------------|
| Erin Stone | Point |
| Victor Francisco | PSC |
| Stephen Eliot | RCPWA |
| Laura Koziol | RCPWA |
| Adnan Hayat | RCPWA |
| Wendy Ng | Shell |
| Hari Sridhar | South32 |
| Neil Canby | Sunrise Energy Group |
| Jo-Anne Chan | Synergy |
| Brad Huppatz | Synergy |
| Dominic Regnard | Synergy |
| Peter Huxtable | Water Corporation |
| Kei Sukmadjaja | Western Power |
| Noel Schubert | |
| Oye Akindede Obe | |
| Simon Middleton | AEMO |
| Joachim Tan | AEMO |
| Greg Ruthven | AEMO |
| Kang Chew | AEMO |
| Andy Kondola | AEMO |
| Matthew Fairclough | AEMO |
| Pearse Courtney | AEMO |
| Nicole Markham | AEMO |
| Paul Elliot | AEMO |
| Martin Maticka | AEMO |
| Chris Muffett | AEMO |
| Kristy McGrath | AEMO |
| Rick Dolling | AEMO |
| Jean-Philippe Montandon | AEMO |
| Tom Butler | AEMO |
| Lisa Laurie | AEMO |
| Stuart Featham | AEMO |
| James Harris | AEMO |
| Douglas Birse | AEMO |
| Mark Katsikandarakis | AEMO |
| Rachel Tandy | AEMO |
| Cameron Parrotte | AEMO |
| Neetika Kapani | AEMO |
| Manus Higgins | AEMO |
| Lauren Ashby | AEMO |
| Teresa Smit | AEMO |
| Robin Parsons | AEMO |

1. Welcome and Previous meeting minutes

Dean Sharafi (AEMO) opened the meeting at 1:02 pm, welcomed attendees to WAECF No.28

The minutes from the previous WAECF (16 September 2020) were endorsed. AEMO to publish the minutes as final on the website (Action Item 1.1).

2. AEMO End of Year Review

Teresa Smit, Lauren Ashby and Manus Higgins (AEMO) provided participants with a look back at the year that was, noting the effects of Covid-19, new network records, average balancing, STEM and LFAS prices, operational demand, WA Electricity Statement of Opportunities and Reserve Capacity Cycle. Also looking ahead and provided some insight on key focus areas for 2021.

3. WEMS Updates

3.1. Quarterly Energy Dynamic (QED) Report

Rachel Tandy (AEMO) presented the key findings, trends and outcomes from the Quarter 3 QED report noting:

- Increasing distributed PV generation drove lower demands during the middle of the day.
- Coal and gas generation offset by renewable generation compared to Q3 2019.
- The role of coal and gas generation is changing due to increases in renewable generation.
- Balancing and STEM Prices have increased compared to Q3 2019.
- Two Balancing Price floor events during Q3 2020.
- Continuing impact of COVID-19 is minimal.

3.2. Price Outcome Analysis

Douglas Birse (AEMO) presented slides on an overview and case study of forecast price accuracy:

- Questions raised by Market Participants included:
 - Market Participants rely on forecast prices to react through modifying demand and making facility commitment decisions.
 - Increased uncertainty related to commissioning activities.
 - Impact of Network Constraints (GIA) on facility output - Market Participants do not have visibility over these constraints.
- AEMO noted that:
 - the forecast Balancing Price is a function defined in the WEM Rules
 - the accuracy of the Balancing Price is dependent on the accuracy of the inputs from AEMO (e.g. Forecast Load) and Market Participants (e.g. Balancing Price Quantity pairs).
 - Western Power have been carrying out a review of GIA tool and AEMO has been in discussions on this. During this review Western Power carried out a survey of existing Market Participants and the impact to accuracy was raised in some responses.
 - AEMO will undertake holistic analysis of forecast price accuracy in early 2021 (waiting for completion of facility commissioning) and schedule a dedicated forum on forecast price accuracy for Market Participants.

- Market Participants were encouraged to provide feedback to assist AEMO and Western Power understand the issue, potential solutions and to progress associated changes. Please email feedback to AEMO at wa.operations@aemo.com.au in relation to:
 - the business impacts of the forecast price inaccuracy;
 - any specific concerns with the forecast price inputs (e.g. visibility of GIA constraints);
 - any suggested improvements that could be progressed by AEMO or Western Power; and
 - any considerations for the analysis (e.g. forecast horizon).

4. AEMO Project Updates

4.1. AEMO Projects Status update

James Harris (AEMO) presented a status update on the following current AEMO projects:

- Reserve Capacity Mechanism Pricing
- POMAX Metering Upgrade - Upgrade metering system
- PASA Process Improvement – SMST
- Power System Operations (PSO)

4.2. WEM Reform Update

Stuart Featham (AEMO) presented a WEM reform program review, noting the overall status is Amber and covering off on Market and Regulatory Design, resourcing, and Implementation.

4.3. Settlement Enhancement Project – Participant Impact

Lisa Laurie (AEMO) presented on the Settlement Enhancement Project providing an overview of the project which is to consolidate and simplify WA's Settlements capabilities to ensure that AEMO remains compliant and cease the reliance on the end of life POMAX Settlements and informing Participants they will be engaged on this project through the WEM Reform Implementation Groups (WRIG / WRIG-IT) at appropriate points in the project cycle and the project is targeting a 1 July 2021 go-live date.

4.4. Distributed Energy Resources (DER) Roadmap Update

Tom Butler (AEMO) provided a brief update on DER Roadmap noting:

- AEMO In-period submission to the Economic Regulation Authority (ERA):
 - A draft paper came out last week, submissions have already been published through the ERA Website. The ERA had yet to receive AEMO's second RFI response before issuing this paper, where AEMO addresses a lot of the uncertainty/concerns in the Draft Determination.
 - AEMO is now awaiting the ERA final determination on its in-period submission.
- In terms of deliverables, AEMO is in the early consideration of implementation stages of a couple of items, including the DER Register, which is moving along.
- A detailed overview of the Scope and Status will be provided to stakeholders at the next WAECF.

5. Stakeholder Updates

5.1. Energy Transformation Information Unit (ETIU) - Energy Transformation Strategy (ETS) high level update and Energy Policy WA Update

Jai Thomas (EPWA) provided update on ETIU activities, highlighting:

- WEM Rules:

- Tranche One of the WEM Rules was officially gazetted on 24 November 2020.
- Consultation on Tranche Two closed last week.
- Consultation on Tranche Three closed this week.
- On track for a pre-Christmas delivery of both Tranche Two and Three to the Minister.
- One more TDOWG left of the year that will summarise some of the feedback.

Jai thanked all the stakeholders involved in the consultations for their submissions, comments and input.

- An email/invite was sent out from the Transformation Unit today (25 November) on System Restart Services (SRS). Some issues around the SRS arrangements were raised at the last TDOWG. Taking into account stakeholder feedback, the decision was made to hold a specific workshop on this in the new year.
- There is a WEM Reform Implementation Group (WRIG) meeting scheduled for 26 November 2020.
- Consultation on the Governance Changes rules close on 11 December 2020. Kate Ryan and Dora Guzeleva (EPWA) have presented to the MAC and GAB. Dora is happy to have one on ones if stakeholders require more detail.
- Commencing user testing on the Data Dashboards for the Whole of System Plan this week.
- DER Register – there are now 270,000 records uploaded.

Liz Aitken (Aitken Energy) asked when will the data/findings from Project Symphony will be made available more broadly than just those entities participating?

Jai Thomas (EPWA) informed Liz the project is undergoing an ARENA process, with this process comes heavy knowledge sharing obligations. ETIU also expects the project as a whole to be a key output for the consultation work that we do over the next 18 months on the roles and responsibilities in DER participation and for the sector to be broadly informed on how it progresses.

5.2. Rule Change update

Stephen Elliot (RCPWA) provided an update on Rule Change Panel activities noting:

- The new Rule Book to implement the changes gazetted by the Minister is available on the Rule Change Panel website.

RC_2014_03 Administrative Improvements to Outage Process

- The Draft Rule Change Report was published on 30 October 2020 and the consultation period on the report closes on 4 December 2020. The aim is to publish the Final Rule Change Report at the end of January 2021.

RC_2017_02 Implementation of a 30-Minute Balancing Gate Closure

- The Amending Rules will commence on 1 December 2020.

RC_2019_03 Method used for assignment of Certified Reserve Capacity to Intermittent Generators

- The ERA discussed a Pre-Rule Change Proposal at the MAC meeting on 17 November 2020, and we understand that the ERA intends to formally submit its proposal to the Rule Change Panel in mid-December 2020.
- The Rule Change Panel will commence consultation on the proposal as soon as possible. This consultation period will take place over the Christmas holiday period, so Market Participants are advised to contact RCP Support if this is problematic.

RC_2018_03: Capacity Credit Allocation Methodology for Intermittent Generators

- Collgar Windfarm submitted this proposal in 2018 and it has been on hold pending the ERA's review of the Relevant Level Method, which has resulted in the previously discussed proposal RC_2019_03.
- The Panel will process RC_2018_03 concurrent with RC_2019_03.

Other Rule Change Panel-related matters

The MAC meeting scheduled for 1 December 2020 has been cancelled and the next scheduled meeting will be 2 February 2020. An additional MAC meeting can be scheduled if the need arises.

6. Other Business

No Other business was raised

7. Next Meeting

Dean Sharafi (AEMO) informed participants that the date for the next WAECF will be communicated in due course. The meeting was closed at 3:00 pm.