MINUTES

MEETING:	WA Electricity Consultative Forum (WAECF)
DATE:	Wednesday, 10 February 2021
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
Audelle Hong	Alinta
Michelle Nguyen	Alinta
Sam Lei	Alinta
Warren Hawkins	Alinta
Luisa Thorburn	APA Group
Stuart Dodds	APA Group
Naomi Donohue	APA Group
Tim Rosser	Blairfox
Paul Arias	Bluewaters
Cherie Cooper	Change Energy
Geoff Gaston	Change Energy
Chris Wallace	Clean Tech Energy
Tomas Scott-Morey	Collgar
Steve Gould	Community Electricity
Neil Duffy	EDL Energy
Ignatius Chin	EMCA
Graham Pearson	Energy Council
Harry Street	Entego
Aden Barker	EPWA
Rebecca White	EPWA
Byron McLaughlin	EPWA
Steven Kruit	EPWA
Dora Guzeleva	EPWA
Matthew Martin	EPWA
Ashwin Raj	EPWA
Matthew Bullock	EPWA
Jai Thomas	EPWA
Noel Ryan	EPWA
Rachelle Gill	EPWA
Aditi Varma	EPWA
Elizabeth Walters	ERA
Irina Stankov	ERA
Sara O'Connor	ERA
Erdem Oz	ERA
Manuel Arapis	ERA
Sandra Ng Wing Lit	ERA

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Steven Kane	ERA
Rajat Sarawat	ERA
Matt Shahnazari	ERA
Mike Lauer	Gas Trading Australia
Hugh Webster	Infrastructure Capital
Quentin Jeay	Kleenheat
Linh Le	Kleenheat
Dash Kaur	Kleenheat
Ganesh Anandan	Kleenheat
Peter Kolf	KPKSAS
Bobby Ditric	Lantau Group
Penny Ling	Metro Power
Steve Black	Onyx Services
Steven Archer	Pearl Clean Energy
Marc Hettler	Perth Energy
John Nguyen	Perth Energy
Victor Francisco	PSC
John McLean	PSC
Stephen Elliot	RCPWA
Adnan Hayat	RCPWA
Jenny Laidlaw	RCPWA
Laura Koziol	RCPWA
Ian Porter	SEN
Lafras Lamont	South 32
Brad Huppatz	Synergy
Jo-Anne Chan	Synergy
Jason Froud	Synergy
Katie Franklyn	Tersum Energy
Rodney Littlejohn	Tersum Energy
Peter Huxtable	Water Corporation
Dean Frost	Western Power
Susan Da Luz	
Noel Schubert	
Brooke Eddington	
Erika Canuti	AEMO
Rick Dolling	AEMO
Tom Butler	AEMO
JP Montandon	AEMO
Greg Ruthven	AEMO
Stuart Featham	AEMO
Cameron Parrotte	AEMO
Martin Maticka	AEMO
Nicole Markham	AEMO
Greg Staib	AEMO
Teresa Smit	AEMO
Robin Parsons	AEMO
Joachim Tan	AEMO
Kang Chew	AEMO
Fred Dykman	AEMO
Alireza Fereidouni	AEMO

1. Welcome and Previous meeting minutes

Dean Sharafi (AEMO) opened the meeting at 1:02 pm, welcomed attendees to WAECF No.29

The minutes from the previous WAECF (25 November 2020) were endorsed. AEMO to publish the minutes as final on the website (Action Item 1.1).

2. Confirmation of Terms of Reference

Dean Sharafi (AEMO) noted there was no change to the Terms of Reference for 2021, these were endorsed and can be found on AEMO's website.

Other Updates

Dean also noted the previous 'Stakeholder Updates' section from previous WAECF agendas has been removed and AEMO encourages any industry stakeholder who would like to present at this forum or raise an issue to make contact by emailing WAElectricityforum@aemo.com.au.

Mark Katsikandarakis (AEMO) provided an update on item 3.2 (Price Outcome Analysis) from WAECF 28 (25 November 2020), noting AEMO has conducted a more holistic analysis into the forecast balancing price accuracy and the drivers, and are on track to schedule a dedicated participant workshop mid to late March 2021.

Dean Sharafi (AEMO) noted two WEM Procedures have been finalised which are, Credible contingency Event and Generator Monitoring Plans.

3. Allowable Revenue and Forecast Expenditure (AR5) – July 2019 – June 2022 Update

Cameron Parrotte (AEMO) provided an overview of the past 18 months and Emily Ho (AEMO) provided a more detailed presentation on the allowable revenue and forecast expenditure (AR5) period to date and next steps.

4. Distributed Energy Resources (DER) Roadmap Update

Tom Butler (AEMO) presented a DER roadmap update, including the ERA determination and where the program is sitting to date, noting the overall status is green and on track to deliver within the ERA determination.

Stakeholder questions:

Ian Porter (SEN) raised a query regarding data (particularly Solar PV and behind the meter), is it made publicly available and where?

- The data that can be made publicly available within the constraints of the rules can be found as a list in the back of the DER Register information procedure.

5. AEMO Operational Updates

5.1. Power System Update – High Load

Nicole Markham (AEMO) presented an overview on the high load, low reserve event that occurred through 6-9January 2021, how AEMO responded and shared some lessons learnt.

Stakeholder questions:

Jenny Laidlaw (RCP) asked; To what extent was the output of the Intermittent Generators reduced by either the GIA tool or AEMO instructions?

- Because it was a high load situation where the generators in North Metro such as Neerabup and Pinjar are in high output the GIA reduced the output of Yandin and Warradarge. From what was observed the contribution of intermittent generation to the peak demand was about 3.3%.

Ian Porter (SEN) asked a question regarding Dynamic line ratings, and if Western Power has introduced these ratings to overcome this, and how quickly these ratings can it be implemented?

- AEMO had been working with Western Power on this issue and Western Power has recently applied dynamic line rating to the GIA tool. Some elements of dynamism have been considered and are operational in the GIA including, the time of the day, irradiation, and temperatures.

Jai Thomas (EPWA) asked what changed in the actual versus the forecast?

- 4100 MW was forecast, the actual was 4068 MW (generated value). What was presented in the slide (3788 MW) was the Market value.

Noel Schubert asked; Have you analysed the amount of demand reduction that occurred from customer IRCR response at the peak?

- As part of the ESOO each year, AEMO looks at the peak demand day and the IRCR response.

Geoff Gaston (Change Energy) queried; Does this cost the market in constraint payments?

- Any constraint required by the GIA tool is applied under an Operating Instruction issued under a Network Control Service Contract and is therefore not subject to constrained payments under the WEM Rules.

Stakeholder comments/discussion

- Matt Shahnazari (ERA) noted that currently the Market Rules do not include any mechanism to account for uncertainty in estimating capacity contribution on resources, whether that being a scheduled generator or intermittent generator. The Market Rules are insufficient at addressing this uncertainty.

5.2. Power System Update – Increase in Spinning Reserve due to DVP tripping

Alireza Fereidouni (AEMO) presented on increasing Spinning Reserve requirement catering for distributed PV (roof top PV) tripping.

Stakeholder questions:

Jenny Laidlaw (RCP) asked; was any registered generation lost in the 18 September event?

- The 18th September was only a line trip.
- During the event of the 2nd January, Yandin and Warradarge tripped

Jo-Anne Chan (Synergy) queried Has AEMO been able to estimate the potential costs associated with the increased requirements?

- Currently the margin values establishes the cost of Spinning Reserve. AEMO is working with the ERA to establish the size of the change. ERA has published an issues paper and are currently in the process of modelling the impact.

Ian Porter (SEN) asked; Has the low voltage ride-through for inverters recently approved by Standards Australia been implemented for the WEM because this will partly address the disturbance impact you outlined?

- There are three categories of analysis when it comes to DVP (Pre 2015, Post 2015 and Future). This is being considered in the analysis looking forward.

5.3. Q4 2020 Quarterly Energy Dynamic (QED) Report

Erika Canuti (AEMO) presented the key findings, trends and outcomes from the Quarter 4 2020 QED report.

5.4. Reserve Capacity Update

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

- Procurement activities have been completed and finalising the block load set for the development of 2021 WEM Electricity Statement of Opportunities (ESOO).
- In accordance with the Market Rules, the Request to collect Information has been sent out for the long-term projected assessment of system adequacy. The due date for the request is 15 February 2021.
- An ESOO survey was released on 22 January 2021 to collect feedback from Stakeholders on what aspects of the ESOO they find valuable.
- Reserve Capacity rules – the team is working to develop practicable timelines for the 2021 and the 2022 Reserve Capacity cycle. To be published on AMEO's website in March 2021.

6. AEMO Project Updates

6.1. 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)

6.2. WEM Reform Implementation Update

Stuart Featham (AEMO) provided a progress update on WEM Reform activities noting:

- Key milestone of ETIU and the government gazettal of the Tranche 1-3 rule modifications
- AEMO's Program – 6 of 10 implementation projects are up and running, either in planning or execution. The projects are Generator performance, Constraints, WEMD, System planning, Digital Platform (underlying architecture) and RCM project. There are another four implementation projects to be initiated this year, they are, Settlements, Registration, STEM and Simulation of the WEMD dispatch. Because of a big dependency on the Settlement Enhancements project, that used to be a stand-alone project, it has been brought into the WEM Reform program and are now managing it within the program.
- WRIG:
  - Earlier this month there was the first deep dive with the WEM Reform Implementation Group IT Members to prepare for market trial planned for April 2020.
  - There have been three WRIG meetings since the last WAECF (25 November 2020), about trying to advance the joint industry plan, still work to complete on this.

- The initial scope of the Market Readiness, Market Trial and Market transition strategies was introduced and will come back to WRIG with another round of detail.
- The WRIG's are also being used to take the industry through Procedure topics and early consultation before formal consultation on those documents. The WRIG will continue to be used for that purpose.

- AEMO conducted an independent health check of the program. It was focused internally on the way AEMO has been set up, approach to scope, program structure, how the program is being managed in the broader portfolio. The review has been taken to AEMO's internal steering committee where the recommendations have been approved and those changes are underway.
- An Expression of Interest went out late 2020 for techincal and IT support resources. The first RFP for technical support services go out to support the Bids and Offers component of the WEMD project. Have also gone out to Market for support in developing a new Market Design Summary, which is due out in April 2021.

7. Other Business

Cameron Parrotte (AEMO) announced Daniel Westerman has been appointed as AEMO's new CEO and will officially start mid-May.

Stephen Elliot (RCP) reminded stakeholder of the due date for submissions for the rule change proposal on Relevant Level Method is due 11 February 2021.

8. Next Meeting

Dean Sharafi (AEMO) informed participants that the date for the next WAECF is scheduled for 14 April 2021. The meeting was closed at 2:45 pm.