

## MINUTES – WA Electricity Consultative Forum (WAECF)

MEETING: WAECF 23  
 DATE: Tuesday, 3 December 2019  
 CONTACT: [WAelectricityforum@aemo.com.au](mailto:WAelectricityforum@aemo.com.au)

### ATTENDEES:

NAME	COMPANY
Martin Maticka	AEMO (Chair)
Laura Tomkins	AEMO (Secretariat)
Robin Parsons	AEMO
Cameron Parrotte	AEMO
Paul Elliott	AEMO
Mark Katsikandarakis	AEMO
Thomas Killin	AEMO
Rick Dolling	AEMO
Stuart MacDougall	AEMO
Stuart Featham	AEMO
Greg Ruthven	AEMO
Sam Lei	Alinta Energy
Michelle Nguyen	Alinta Energy
Rachel Langford-Ely	APA
Paul Arias	Bluewaters Power
Gemma O'Reilly	Collgar Wind farm
Krystof Rezek	CleanTech Energy
Kristen McKenzie	CleanTech Energy
Rachelle Gill	Energy Policy WA
Irina Stankov	ERA
Wendy Ng	ERM Power
Steve Gould	Eureka Energy
Aden Barker	ETIU
Bronwyn Gunn	ETIU
Peter Kolf	KPK Specialist Advisory Services Pty Ltd
Patrick Peake	Perth Energy
Jayesh Halai	Perth Energy
Jean-Philippe Montandon	Perth Energy
John McLean	PSC
Jenny Laidlaw	Rule Change Panel
Andrew Woodroffe	SkyFarming
Susanna Floth	SkyFarming
Jo-Anne Chan	Synergy
Rod Littlejohn	Tersum Energy
Charles Crew	Western Power

## 1. Welcome and Previous meeting minutes

Martin Maticka (AEMO) opened the meeting at 1:00pm, welcomed attendees to WAECF No.23 and gave an Acknowledgement of Country.

The minutes from the previous WAECF (8 October 2019) were endorsed. AEMO to publish the minutes as final on the website (Action Item 1.1).

## 2. System Low

Charles Crew (Western Power) presented on the recent System Low events and touched on:

- The drivers and issues
- What System Low is
- History and forecast
- Evolution of the issue
- Generator stability
- Operational plan at 1100MW (Spring 2019)
- 1-2-year treatment plan and;
- DER management strategy

## 3. Market Analytics: Q3 2019 Quarterly Energy Dynamic Report (QED) and October 2019 Price Floor Events

Rick Dolling (AEMO) provided an overview of the recently published QED report. The report aims to provide energy market participants, businesses, consumers, governments and other interested parties with information on the market dynamics, trends and outcomes during Q3 2019. Key insights that were discussed at the WAECF were:

- Minimum Demand
- Generation by Fuel Type
- LFAS and Backup LFAS
- Electricity Prices
- Negative Prices

Rick also provided an overview of the October 2019 Price Floor Events, where for the first time since the WEM commenced in 2006, the Balancing Price cleared at the Minimum STEM Price of -\$1,000/MWh, this occurred for 3 intervals between the weekend of Saturday 12 and Sunday 13 October 2019. Prior to this the record minimum Balancing Price was -\$193.86/MWh.

In parallel AEMO has commenced a review of the tie-breaking process used in the BMO and may propose an update to the Market Procedure. A workshop with Market Participants was held immediately after the WA ECF to discuss this matter.

There was a conversation amongst the room where the following points were raised and discussed:

- Backup LFAS
- Essential System Services and Price limits
- PV Uptake

## 4. STEM Delay Events in October 2019

Mark Katsikandarakis and Thomas Killin (AEMO) presented on the STEM delay events that occurred on 12 and 31 October 2019, where AEMO experienced unplanned IT issues which impacted AEMO's market systems and supporting processes. As a result of these issues, AEMO delayed the STEM for Trade Dates 13 October 2019 and 1 November 2019 in accordance with the WEM Rules. AEMO provided an overview of each event, AEMO's operational actions and the root cause of each event. AEMO sought feedback from Market Participants on its operational processes in response to contingent events that may impact the STEM going forward.

Some of the feedback received from participants was:

- To have a standardised timeframe
- Whatever the new timeframe is, it must be kept to in order to offer certainty
- Notifying Market participants as early as possible there is an issue (even a potential issue)
- A two-hour delay preference was the consensus

All other feedback is requested to [wa.operations@aemo.com.au](mailto:wa.operations@aemo.com.au).

Paul Arias (Bluewaters) asked the question, if there was a link between the lack of web services and submissions not being updated on the Negative Price event on 12 October?

*Post meeting note:* In response, AEMO has confirmed:

- Web-services were unavailable between approximately 5:00AM and 10:40AM. Participants were advised of the restored web-services at 11:03AM after successful verification by AEMO. Manual submissions via the MPI remained operational.
- The -\$1,000/MWh interval on 12 October 2019 occurred at 1:00PM. Gate-closure for this interval occurred at 11:00 AM.
- During the period where web-services were unavailable, the forecast Balancing Price for the 1:00 PM interval fluctuated between \$26.98/MWh and -\$1,000/MWh.
- Therefore,
  - Market Participants ability to update their Balancing via the MPI remained unaffected during this incident.
  - Submissions via web-services prior to gate closure for the 1:00PM interval may have been impacted.

## 5. AEMO Operational Updates

### 5.1 AEMO Project Updates

Stuart Featham (AEMO) provided an update of progress on AEMO's major projects. Key points were:

- Good progress being made on the delivery of both the PSO and SMST projects with Feb 2020 and March 2020 delivery dates respectively
- WEM Reform market design progressing well with AEMO planning to commence industry forums on implementation planning early in 2020
- Completion of the Malaga to Norwest Data Centre Move and implementation of the Spinning Reserve Full Runway Method Rule Change (2018\_06)
- Commencement of three new AR5 projects – Business Continuity Capability (backup control room), Metering System Upgrade and STEM Code re-write. Further updates will be provided on the Metering and STEM projects as Market Participant testing requirements are understood.

Paul Elliot (AEMO) provided an update on the System Management (SM) Market Participant Interchange (MPI) Changes including:

- SM MPI domain will be brought in-house (AEMO domain) as part of the SMST project delivery
- New user accounts are created in the AEMO domain for active participants (who have accessed the SM MPI in the last 12 months).
- Participants who have not logged on in that last 12 months are encouraged to register by 31 January 2020
- Rule Change 2013\_15 will result in minor changes to the current SM MPI, prior to SMST cut-over. Go-live date is 1 February 2020
- AEMO will host SM MPI Demo sessions, the first to be held 23 January 2020. Invites will be sent.

Nicole Markham [Nicole.markham@aemo.com.au](mailto:Nicole.markham@aemo.com.au) can be contacted for further information on changes and demo sessions.

### 5.2 P1272 – Projects Status

Stuart MacDougall (AEMO) provided a status update on the Reduction of Prudential Exposure (RoPE) project. The following updates were provided:

- The purpose of the project is to improve the accuracy of a Market Participant's Outstanding Amount, to reduce the likelihood of default levies if a Market Participant were to default, and to be the foundation for any future changes to the Credit Limit methodology.
- The project is developing a system to perform all settlement calculations daily. This system will be used to determine a Market Participant's Outstanding Amount (as part of this project) and potentially be used as the basis for a future settlement system (as part of a future project)

- AEMO has published a [draft formulation](#) of the calculation engine which is currently being verified by its auditors. Market Participants are encouraged to provide feedback on the formulation's content and structure.
- Market Participants will continue to be consulted on Market Participant trials through AEMO's Rule Change Working Groups.
- Market Participants will be engaged through the Procedure Change process to modify the current Outstanding Amount calculation, where the estimation methodology on inputs to the calculation engine will be formalised.
- Subject to the Market Procedure Change process, the project is on track for completion in the first half of 2020.

## 6. Stakeholder Updates

### 6.1 Energy Transformation Implementation Unit (ETIU) - Energy Transformation Strategy (ETS) high level update

Aden Barker (ETIU) provided an update on ETS activities including:

- Improving access (inclusive of changes to RCM)
  - One-on-one meetings have finished with regards to Capacity Credit rights and the allocation framework
    - 14 meetings have taken place thus far
    - Looking at Taskforce approval in the new year
    - Update to be provided at the TDOWG scheduled for 17 December 2019
- DER Roadmap
  - 50 one-on-one meetings plus various forums
  - The draft will be going to the Minister and be considered by the Taskforce in the coming weeks
  - Expected public release February 2020
- Whole of System Planning (WoSP)
  - Already had the public release of the assumptions and methodology document. Feedback on this document is welcomed.
  - Providing an update to MAC on 11 February 2020
- WEM Reform
  - Tech Rules Change Management and Frequency Operating Standards is considered approved by the Taskforce. Papers will be available online shortly.
  - The Taskforce will be meeting later in December to consider the more detailed content of the ESS Scheduling and Dispatch Settlements, that was taken through the last TDOWG, which includes the implementation of the 5-minute Settlement.
  - Papers will potentially be out prior to Christmas.

Aden added there is a special TDOWG meeting scheduled for 11 December 2019 to discuss the Constraint Governance framework. Stuart Featham (AEMO) noted that a TDOWG was scheduled for Tuesday, 17 December and invitations/agenda were to be circulated shortly.

### 6.3 Rule Change update

Jenny Laidlaw (RCPWA) provided an update on:

RC\_2014\_03 Administrative improvements to the outage process

- A call for further submissions will be issued, targeting 13 December 2019 with responses due 17 January 2020.

RC\_2014\_09 Managing Market Information

- A Final Rule Change Report will be published in mid-December 2019.

RC\_2017\_02 Implementation of a 30-Minute Balancing Gate Closure

- A second workshop was held on 18 October 2019.
- The next step is to publish a Draft Rule Change Report targeting early February 2020.

RC\_2018\_05 ERA Access to market information and SRMC investigation process

- The Final Rule Change Report was published on 28 June 2019.

- The Amending Rules contain protected provisions, so the Amending Rules have been sent to the Minister for approval. The Minister has extended his deadline for his decision five times, and a decision is now due 16 December 2019.
- The Amending Rules will commence 2 January 2020, pending Ministerial approval.

RC\_2019\_04 Administrative Improvements to Settlement

- AEMO submitted the Rule Change Proposal which was published on 27 November 2019. Submissions are due 31 January 2020.

RC\_2019\_05 Amending the Minimum STEM Price definition and determination

- Synergy submitted the Rule Change Proposal which was published on 30 October 2019. Submissions are due 18 December 2019.

Other Rule Change Panel-related matters:

- North Country Spinning Reserve Issue:
  - The MAC discussed this issue again on 15 October 2019 and 26 November 2019.
  - AEMO has held several additional meetings with Western Power, EPWA, RCP Support and the directly impacted generators.
  - Discussions are still ongoing, and RCP Support does not know if any parties are planning to develop and submit a Rule Change Proposal to address this matter.
- Market Participant Fee calculation manifest error
  - AEMO has identified what appears to be a manifest error in the calculation of the Market Participant Fee (clause 9.12.1) that results in Market Generators being charged Market Participant Fees but Market Customers being paid Market Participant Fees.
  - The MAC discussed this on 26 November 2019 and recommended that the Panel develop a Fast Track Rule Change Proposal to correct the error. The Panel will consider this in early December 2019.

The next MAC meeting is scheduled for 11 February 2020.

## 7. End of year wrap up and look ahead to 2020

Cameron Parrotte (AEMO) provided participants with an overview of AEMO activities from 2019 discussing in detail the following points:

- Electricity Statement of Opportunity (ESOO) published 14
- Assignment of Capacity Credits for Capacity year
- WEM Registrations
- WEMS releases
- Average Balancing prices
- LFAS Prices
- Operational Demand
- Non-Scheduled Generation Fraction
- Uncontrolled Generation
- System Management activities
- Energy Transformation Strategy

The focus for AEMO for 2020 will be to continue to work with ETIU and industry to progress the ETS, in terms of implementation, timeframes and what this looks like. WoSP due for completion mid-2020. Expecting the DER Roadmap to become public by March/April 2020. Conclude market design for Foundation Regulatory Frameworks and undertake consultation on rule and regulatory change and on top of this continuing to keep the lights on, run the market, system upgrades, implement rule changes and deliver on other AR5 capital programs.

Cameron then touched on the Key Focus areas for 2019-20 Summer readiness including:

- Management of Low Load periods
- Contingency plans for bushfires and lightning
- Several new non-scheduled generators will be connected through the Generator Interim Access (interim constrained access arrangement) by winter 2020.
- Minimising planned outages during the summer months
- Training and commissioning activities associated with the System Management System Transition (SMST) and Power System Operations (PSO) projects once they reach completion.

Cameron thanked participants for their attendance to the forums and welcomed any feedback.

#### **8. Other Business**

No other business was raised

#### **9. Next meeting**

Martin Maticka (AEMO) outlined dates for upcoming forums and that meetings will be held on Wednesday during 2020. The next WAECF meeting is scheduled for 12 February 2020.. The meeting was closed at 3.00 pm.

**Action items raised at meeting – WA Electricity Consultation Forum**

<b>Item</b>	<b>Topic</b>	<b>Action required</b>	<b>Responsible</b>	<b>By</b>
1.1	<b>Previous meeting minutes</b>	AEMO to publish the minutes from the previous WAECF as final on the website.	AEMO	Completed
11.1	<b>PV Forecast</b>	AEMO to further investigate the suggestion of publishing PV generation AEMO has accounted for in generating the Load Forecast for each Trading Interval.	AEMO	Ongoing