

MINUTES – WA Generator Forum (WAGF)

MEETING: 2
 DATE: Wednesday, 5 July 2017
 CONTACT: WAgeneratorforum@aemo.com.au

ATTENDEES:

NAME	COMPANY
Andrew Winter (Chair)	AEMO
Courtney Roberts (Secretariat)	AEMO
Greg Ruthven	AEMO
Teresa Smit	AEMO
Paul Elliott	AEMO
Mehdi Toufan	AEMO
Jessica Kitchen	AEMO
Nicole Markham	AEMO
Dean Sharafi	AEMO
Martin Maticka	AEMO
Yadi Kaler	Alinta
Gareth Williams	Alinta
Tim Rosser	Blair Fox
Adam Stephen	Bluewaters Power
Daniel Kurz	Bluewaters Power
Chris Armstrong	CleanTech Energy (dial-in)
Zhang Fan	Collgar Wind Farm
Steve Gould	Community Electricity
Elizabeth Walters	ERA
Adrian Theseira	ERA
Wendy Ng	ERM Power
Matthew Bowen	Jackson McDonald
Patrick Peake	Perth Energy
Jenny Laidlaw	Rule Change Panel
Andrew Woodroffe	SkyFarming
Susanna Floth	SkyFarming
Antoine Le-Ray	Synergy
John Lorenti	Synergy
Angelina Cox	Synergy
Andrew Everett	Synergy
Andy Wearmouth	Synergy
David Willey	Western Power
Ross Davies	Western Power
Lekshmi Jaya Mohan	Western Power
Seán McGoldrick	Western Power

1. Welcome

Andrew Winter (Australian Energy Market Operator (AEMO)) opened the meeting at 1:00pm and welcomed attendees to the second AEMO WA Generator Forum (WAGF).

Andrew Winter noted that all actions from the previous meeting had been addressed. AEMO sought stakeholders' endorsement to the minutes from the previous meeting (5 April 2017). No further comments were raised. AEMO to publish the minutes from the previous meeting as final on the website (action item 1.1).

2. Power System Security – Generator performance requirements

Teresa Smit (AEMO) presented on the changes and generation requirements going forward on the system to ensure system security. The following points were noted:

- It was questioned whether the enhanced technical requirements will apply to only new generation. Teresa Smit responded that it will apply to new generators for now but the necessity for some requirements to apply to existing generators may be considered depending on system requirements as well as the impact of actually implementing these changes.
- It was questioned whether the extra capabilities are commercially available or already incorporated into wind turbines. It was advised that the extra capabilities have been implemented and further details will be explored. The cost impact is not expected to be substantial but needs to be confirmed
- It was raised whether there would be discrimination between small and large generators. It was advised that requirements may differ for small generators. There is discussion in the National Electricity Market (NEM) that this requirement will apply to generators larger than 5MW but the appropriate size needed to be determined for the WEM.
- It was noted that the introduction of requirements related to Rate of Change of Frequency (RoCoF) should be carefully studied and located. Working with manufacturers to put in low cost mechanisms is feasible but will require significant consultation.
- Instead of considering technical limitations, the preference is to talk about sourcing new products that will allow all generation to contribute to stability.
- Stakeholders questioned the timeline for the changes discussed. It was advised that this will depend on the introduction of new generation.
- An update on generator requirements will be presented at the next WAGF meeting (action item 2.1).

3. Generator Interim Access update

Ross Davies (Western Power) provided an update on the status of the Generator Interim Access (GIA). The following points were noted:

- Western Power has held a number of GIA related forums and briefings since the last WAGF in April. Generators are invited to subscribe to the GIA distribution list by contacting Ross Davies.
- Certified Reserve Capacity (CRC) for GIA generators has been considered. The method determining the constrained access entitlement has been developed and AEMO has confirmed the document requirements for CRC.
- Market Rules associated with the deferral of the 2016 and 2017 Reserve Capacity Cycles were gazetted on 29 June 2017.
- Draft GIA ETAC will be available by Friday 7 July 2017.
- Planning and design phase of GIA tool is on track and due for completion next week before rolling straight into execution. Testing and commissioning is scheduled to commence early 2018 with a target in service date for 1 July 2018.
- Aiming to make a decision on whether the GIA tool can support generators less than 10MW by end of July 2018.
- Next Western Power GIA forum will be scheduled late July/early August.

4. Ancillary Services Report 2017

Mehdi Toufan (AEMO) presented a summary of the Ancillary Services Report submitted to the Economic Regulation Authority (ERA). The following points were noted:

- Stakeholders questioned the availability of Dispatch Support Services (DSS) in the future. Mehdi Toufan responded that if the units are decommissioned then the DSS will not be available to AEMO to use.
- Dean Sharafi advised that Kalgoorlie units will continue under a different arrangement. It was questioned if this was a new contract that has been negotiated, to which Dean Sharafi responded that this is a matter for Western Power to consider.

5. Annual Tolerance Range Review and Facility Tolerance Range Request

Nicole Markham (AEMO) provided an overview of the annual Facility Tolerance Range review in accordance with clause 2.13.6G of the Market Rules that is currently out for consultation. It was noted that the consultation period closes on 14 July.

6. System Management operations in new location

Paul Elliott (AEMO) presented on the System Management operations with the transition to the new Perth CBD location. The following points were noted:

- New phone numbers will be implemented with old numbers being retained in the back up facility.
- Stakeholders questioned if there will be changes to the Market Participant Interface (MPI) noting that outages are currently logged through the Western Power MPI. It was advised that work is underway for a new AEMO owned system but for now, Market Participants are to continue to use SMMITS which Western Power will continue to support.

7. AEMO's submission on RC_2017_02

Dean Sharafi presented AEMO's submission to RC_2017_02 Implementation of 30-minute Balancing Gate Closure as per the presentation.

8. Market Participant Matters – Generator Compliance

Lekshmi Jaya Mohan (Western Power) presented on Western Power's Generator Compliance Monitoring Program. In addition to the presentation, the following was discussed:

- Western Power has developed a template and guideline document to assist Generators in establishing and maintaining a compliance monitoring program for their power generating equipment.
- Western Power would continue managing the compliance monitoring. It was noted AEMO performs this function on the east coast.
- Incident investigation is undertaken by Western Power following major system events, which shows how the generators responded for an event and whether the performance was as expected. Generator should notify Western Power if there are any non-compliances with the Technical Rules.
- Generators are responsible for managing the compliance monitoring program which needs to be agreed and reviewed by Western Power. The results of the tests and data needs to be submitted to Western Power.

9. Other business

No other business was raised.

10. Future agenda items

A number of agenda items were discussed for future Forums:

- Improved system tools for dispatch, forecast, etc. (Action 10.1 AEMO present on this issue at a future Forum).
- How batteries will play a role in system security. It was noted Western Power has supported a Rule Change to the Australian Energy Market Commission regarding technical requirements. (Action 10.2 AEMO to present on battery issues as they relate to system security, peak demand etc. at a future Forum)
- In its AR4 submission to the Economic Regulation Authority, Western Power has considered Smartgrids. This includes advanced metering and communication platforms. A microgrid pilot is also being undertaken at Kalbarri.
- Case study reviews of issues being experienced in other markets globally, and distributed generator and management of the network in the NEM (Action 10.3 AEMO to present on this issue at a future Forum).

11. Next meeting

The next WAGF meeting will be scheduled in quarter 3. Stakeholders will be advised by email. Andrew Winter thanked stakeholders for their attendance and closed the meeting at 2.45pm.

Action items raised at meeting - WA Generator Forum

Item	Topic	Action required	Responsible	By
1.1	Previous meeting minutes	AEMO to publish the minutes from the previous meeting as final on the website.	AEMO	July 2017
2.1	Power System Security – Generator performance requirements	AEMO to provide an update on generator requirements at the next WAGF.	AEMO	September 2017
10.1	Future agenda items	AEMO to present on improved system tools for dispatch, forecast, etc. at a future WAGF.	AEMO	TBC
10.2	Future agenda items	AEMO to present on battery issues as they relate to system security, peak demand etc. at a future WAGF.	AEMO	TBC
10.3	Future agenda items	AEMO to present case study reviews of issues being experienced in other markets globally, and distributed generator and management of the network in the NEM at a future WAGF.	AEMO	TBC