



**Energy Transformation
Implementation Unit**

WEM Reform Implementation Group (WRIG)

Meeting #9

28 January 2021





Ground rules and virtual meeting protocols

- Please place your microphone on mute, unless you are asking a question or making a comment.
- Please keep questions relevant to the agenda item being discussed.
- If there is not a break in discussion and you would like to say something, you can 'raise your hand' by typing 'question' or 'comment' in the meeting chat. Questions and comments can also be emailed to wrig@energy.wa.gov.au after the meeting.
- The meeting will be recorded for minute-taking purposes. Please do not make your own recording of the meeting.
- Please state your name and organisation when you ask a question to assist with meeting minutes.
- If there are multiple people dialling in through a single profile, please email wrig@energy.wa.gov.au with the names of the attendees to be recorded in the minutes.
- If you are having connection/bandwidth issues, you may want to disable the incoming and/or outgoing video.



Agenda



9.30
am

Introductions

Aden Barker | ETIU

9.35
am

Joint Industry Plan – AEMO Implementation Update

Ben Brearley | AEMO

9.45
am

Joint Industry Plan – AEMO Change and Communications Strategy

Stuart Featham, Kristy McGrath | AEMO

10.00
am

Joint Industry Plan – Rule Drafting Plan Updates

Aden Barker | ETIU

10.10
am

WEM Procedures – Feedback

Josephine Nga | AEMO
Lekshmi Jayamohan | Western Power

10.55
am

Next Steps

Aden Barker | ETIU

Joint Industry Plan AEMO Implementation Update

Session Purpose

- Provide awareness of AEMO program and project initiation activities.
- Update on Settlement Enhancements project and participant engagement

AEMO Implementation Program Activities

AEMO have undertaken the following activities of its implementation program, including:

- The final implementation Project Manager has commenced.
- AEMO workshops for review of recently gazetted rules have been endorsed for commencement in early February, aiming to identify any potential impacts to implementation scope and schedule.
- Bids & Offers procurement for technical delivery resources is being finalised, with commencement of execution to start in early March 2021. Technical update to interface design (move to JSON only) with separate comms to be provided to WRIG-IT members next week.
- RCM Implementation Discovery workshops are in progress for solution design and planning.
- Existing Settlements Enhancements project has been formally moved into the WEM Reform implementation program.
- Planning and design continues for the WEM Dispatch Engine (WEMDE) and System Planning projects.
- System development for Constraint Management and Generator Performance Standards (GPS) projects continues.

AEMO Next Steps

- Hold workshops to review gazetted rules and identify scope or timing impacts.
- Commence GPS obligations from 1st February 2021.
- Continue project planning, design and implementation activities.
- Commence detailed Discovery for RCM implementation project.
- Continue / commence development of market readiness and transition deliverables.
- Finalise procurement for Obligation Map, Market Summary and Certification components.



Settlements Enhancements Update

The Settlements Enhancements project is a key step in AEMO's Settlements work program and a precursor project for WEM Reform.

The project objective is to consolidate and simplify WA's Settlements capabilities to ensure that AEMO remains compliant; and to cease the reliance on the end of life POMAX Settlements system. This is being achieved by decommissioning the POMAX Settlements and RCM Settlements systems and extending the 'new' Prudential system to provide a single in-house prudential and settlements calculation engine. From a Participant's perspective, this means that the format of Settlement Statements and Invoices will change, settlement variables will change, and the way in which AEMO provides this information to Participants will change.

AEMO plans to provide the following information to Participants:

4 February 2021 – Web service/Swagger specifications, API calls, and sample responses

April 2021 – Plan for release to Market Trial for Participant testing

May 2021 – Revised WEM Metering, Settlement and Prudential Calculation formulation document and revised WEMS MPI User Guide

AEMO encourages Participants to consider any necessary system changes, and to consider testing and integration with the current Prudential artefacts and APIs in advance of the project's Market Trial period.

Joint Industry Plan AEMO Change and Communications Strategy

Session Purpose

- Seek feedback on key implementation challenges and present on AEMO's proposed communications strategy



AEMO Change and Communications

Please see separate slide deck.

Joint Industry Plan Updates

Session Purpose

- ETIU provide awareness of rule drafting timelines and progress

Rule drafting timeline

Work package	Jan	Feb	March	April
TRANCHE 0 - GAZETTED <ul style="list-style-type: none"> Governance of constraints Technical Rules change management 				
TRANCHE 1 - GAZETTED <ul style="list-style-type: none"> Generator Performance Standards Framework Administrative Package Frequency Operating Standards and Contingency Events Frameworks 				
TRANCHE 2 - GAZETTED <ul style="list-style-type: none"> Foundation Market Parameters (incl. STEM) Frequency Co-optimised ESS Operating States and Tech Envelope Scheduling and Dispatch Outage Management and Commissioning Tests Operational Planning (PASA) WEM Monitoring and Compliance Market Settlement 				
TRANCHE 3 - GAZETTED <ul style="list-style-type: none"> Reserve Capacity Mechanism (RCM) Prioritisation and Network Access Quantities Framework Participation of storage/hybrid facilities in the RCM RCM changes consequential to SCED 				
TRANCHE 4 <ul style="list-style-type: none"> Transitional Arrangements (e.g. ESS accreditation) 				
TRANCHE 5 <ul style="list-style-type: none"> Non-Cooptimised ESS Framework Market Information Framework Market Power Mitigation Reliability Standards Framework Participation and Registration framework 				

WEM Procedures

Session Purpose

1. AEMO to discuss Generator Monitoring Plans feedback
2. Western Power to discuss:
 - Generator Performance Standards for Existing Transmission Connected Generating Systems feedback.
 - Generator Model Submission and Maintenance feedback.

WEM Procedures

WRIG Schedule – through to end-Q1 2021

Meeting	Owner	Project	Topic/Procedure
28 January	AEMO	System Planning Reform	Generator Monitoring Plans - Feedback
	Western Power	System Planning Reform	Generator Performance Standards for Existing Transmission Connected Generating Systems
	Western Power	System Planning Reform	Generator Model Submission and Maintenance
25 February	AEMO	System Planning Reform	PASA Reporting
	AEMO	System Planning Reform	PASA Low Reserve Planning
	AEMO	System Planning Reform	Credible Contingency Events - Feedback
25 March	AEMO	WEMDE	SCADA/Comms and Fault Recorder standards

Next Steps

Looking towards future WRIGs





Next Steps

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- AEMO – will continue to refine and update the JIP milestones for its Program as well as ETIU, Western Power and AEMO
 - Market Participants – asked to consider what key activities and milestones can be added to the JIP to represent ‘shared’ content (e.g. IPPs)
 - AEMO to provide updates on development of Market Trial, Readiness and Transition scope and share further thinking on detail, sequencing and timing of documents (potential for second WRIG sub-group to be called to support this work)
 - AEMO to scope and schedule forward WRIG-IT Meetings (with next session planned for 4 Feb-21)
 - ETIU provide feedback on Coordinator of Energy’s GPS-related WEM Procedures

WRIG Members – please continue to provide offline feedback, queries and suggestions on topics you would like further information on