



Government of Western Australia
Energy Policy WA

WEM Reform Implementation Group (WRIG)

Meeting #6

24 June 2021

Working together for a
brighter energy future.

Housekeeping

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.

Title: Agenda

9.30am **Item 1: Introductions**
Dora Guzeleva | ETIU

9:35am **Item 2: Joint Industry Plan – Plan Updates**
Dora Guzeleva | ETIU
Mariusz Kovler | AEMO

9:50am **Item 3: Market Readiness Meeting Update and Survey Process**
Kristy McGrath & Mike Reid | AEMO

10:00am **Item 4: Procedure Updates**
Rebecca Petchey & Clayton James | AEMO

10:50am **Item 5: Settlement Enhancements Go-Live Update**
Mariusz Kovler | AEMO

10:55am **Item 6: Next Steps**
Dora Guzeleva | ETIU

Note: WRIG-IT will follow straight after at 1100

Joint Industry Plan Updates

Session purpose

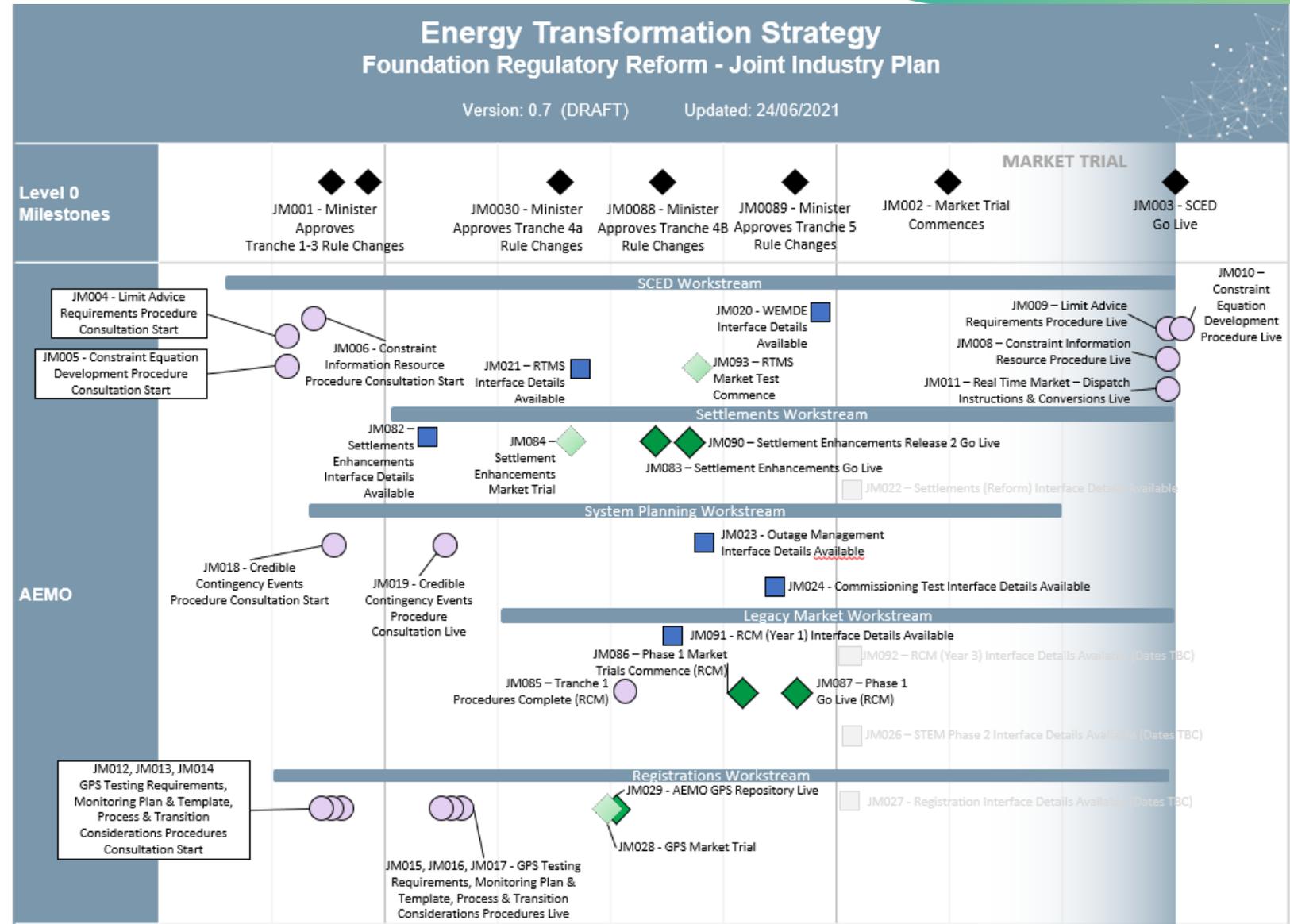
- ETIU provide awareness of rule drafting timelines and progress
- AEMO, Western Power and Synergy to update on progress to run through key JIP Milestones

Joint Industry Plan

Updates and run through

EPWA, AEMO, Western Power and Synergy to run through key milestones, status and changes in JIP.

Updated JIP and Milestone log will be circulated/published alongside WRIG Meeting Minutes.



Joint Industry Plan

Rule Drafting Timeline

Work package	April	May	June	July	August	Sept	Oct	Nov
TRANCHE 0 - GAZETTED <ul style="list-style-type: none"> Governance of constraints Technical Rules change management, etc 								
TRANCHE 1 - GAZETTED <ul style="list-style-type: none"> Generator Performance Standards Framework 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 Scheduling and Dispatch Market Settlement, etc 								
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, etc 								
TRANCHE 4A - GAZETTED <ul style="list-style-type: none"> Transitional Arrangements (e.g. ESS accreditation) Changes and Rules commencement to facilitate 2021 RCM, etc. 								
TRANCHE 4B (July/August) <ul style="list-style-type: none"> UFLS & System Restart Remaining changes to facilitate 2021 and 2022 RCM Changes and Rules commencement to facilitate 2022 RCM 								
TRANCHE 5 (December) <ul style="list-style-type: none"> Non-Cooptimised ESS Framework Market Information Framework Reliability Standards Framework Participation and Registration framework Intermittent Loads 								
Drafting instructions and rule drafting	Stakeholder consultation			Ministerial approval, publication of the Amending Rules and Gazetta				

AEMO Implementation Program Activities

AEMO's implementation program update includes the following:

- Continued Operational and Market Readiness activities – on boarded Market Readiness Lead (Mike)
- Settlement Enhancements Pen Test completed, Market Trial in June, Release **Go Live 1st July > 1st August**
- WEMDE contracting with preferred supplier, ramping up internal team and resource, sprint planning
- Continued RTMS sprints, WRIG-IT engagement and specification release
- GPS Project Completed UAT, Service Transition & Pen Testing. Go Live release pending
- Constraints sprints continued – likely scope and schedule impact
- RCM (Phase 1) sprint 4 of 18 commenced – velocity improving. NAQ model requirements documented.
- System planning projects backlog commenced, ETC stories completed in July
- Initiating Registration and RCM Phase 2 projects

AEMO Next Steps

- Continue Operational and Market Readiness activities
- Go live releases of Settlements Enhancements, Digital Platform and GPS.
- Settlements Enhancements Release 2 sprints
- Commenced WEMDE resources and sprints first week of July.
- Complete System Planning projects backlog
- Planning upcoming releases

Readiness Working Group

Session Purpose:

- Share discussion items, meeting outcomes and feedback on criteria
- Define next meeting items

Readiness Working Group (RWG)



Actions

- New members: Alinta; Bluewaters; ERM
- Confirmed qualified use of identifiable information for Synergy
- Minor adjustments to Strategy and Terms of reference to sharpen survey focus and consistency
- Members to review internal work programs as part of preparing to define specific criteria

Survey and reporting schedule

- First survey to be released 30/06
- AEMO has emailed WEM participants to confirm individual respondent
- First and second survey will address general criteria
- Third survey and on will address specific readiness criteria



WEM Procedures

Session purpose: AEMO to discuss

- **Feedback for the Electric Storage Resource Obligation Intervals (ESROI) WEM Procedure**
- **Scenarios Modelling (ST and MT PASA) WEM Procedure**

WEM Procedures

WRIG Schedule

Meeting	Owner	Project	Topic/Procedure
24 June	AEMO	RCM	Electric Storage Resource Obligations Intervals – Feedback
	AEMO	System Planning	Scenarios Modelling (ST and MT PASA)
29 July	AEMO	WEMDE (RTMS)	Participant Submissions
	AEMO	RCM	Certification of Reserve Capacity
26 August	AEMO	WEMDE	Real-Time Market Timetable
28 October	AEMO	System Planning	Declaring Emergency Operating States

WEM Procedures

Upcoming Consultation

Date	Owner	Project	Topic/Procedure
Est. 25 June	AEMO	System Planning	Credible Contingency Events
Est. 02 July	AEMO	RCM	RCM Facility Class and Indicative Facility Class
Est. 02 July	AEMO	Digital	Data and IT Interface Requirements

Upcoming Publication

Date	Owner	Project	Topic/Procedure
01 July	AEMO	RCM	Electric Storage Resource Obligation Intervals
01 July	AEMO	RCM	Facility Sub-Metering

WEM Procedure Timeline

Revised timeline to be published prior to the next WRIG. Any questions regarding the current timeline can be sent to WA.ETS@aemo.com.au.

Generator Performance Standards

Update on Generator Monitoring Plans

- **Transitional Rules:**
 - Require Participants to send through a proposed Generator Monitoring Plan by **1 August 2021**
 - Participants may seek an extension from AEMO to this timeframe in writing, but must show reasonable progress is being made
 - Extension requests must be sent at least 20 Business Days before the date, i.e. by **COB 5 July 2021**
- **To support Participants in managing these requirements:**
 - AEMO will provide a Generator Monitoring Plan form to support participants, and will provide guidance to help in drafting their Generator Monitoring Plans (even though they may not be finalised yet)
 - We can process requests for extensions via the wa.sm.operations@aemo.com.au mailbox
 - Supporting information to show reasonable progress includes identifying the Participant's plan for GPS registration with Western Power and Generator Monitoring Plan development/submission timeframes
 - For other queries on Generator Monitoring Plans, please use the WEM.GPS@aemo.com.au mailbox
 - We will send a reminder to participants including information on where to access the form on our website, and the contact point for extension requests

Settlement Enhancements Go-Live Update

Session purpose:

AEMO to advise on change to go-live for Settlement Enhancements

Settlements Enhancements

Update on go-live: minor delay of release date

- **Settlement Enhancements Release 1 has been pushed back a month (1 July to 1 August 2021)**
- **Two key drivers:**
 1. Calculation of the IRCR
 - An issue with the integration of the new PaSS system is preventing the IRCR calculation from completing successfully
 - AEMO has been working on a fix over the past month but it hasn't been possible to complete and test to the point where WA Market Ops is ready to accept
 - An additional month has been allocated to allow a controlled, detailed acceptance of the fix
 2. Feedback from participants
 - PaSS is the most significant change in the market since the introduction of the Balancing Market (2012) and warrants a 4 week market trial period
 - Market participant feedback identified several suggested improvements and a small number of minor bugs AND some would prefer for more time
- **AEMO considers the decision appropriately balances timeliness against risks to settlements, while also permitting better product functionality and participant testing and readiness**

Settlement Enhancements

Revised timings

- **Revised target date for production deployment of the Settlements Enhancements Release 1: 1 August 2021.**
- **Scheduled for first statements to be issued in the new system as follows:**
 - STEM for trading week 30/21 on Fri, **6 Aug 2021**
 - Non-STEM initial for Jun 2021 on Mon, **9 Aug 2021**
 - Non-STEM Adjustments for Aug 2020, Nov 2020 and Feb 2021 on Mon, **16 Aug 2021.**

Next Steps

Looking towards future WRIGs

Next Steps

- **Multiple WRIG-IT meetings scheduled**
- Today: Web Services for Real-Time Market Submissions (RTMS)
- 19 July 2021: User Interface for RTMS
- 5 August 2021: DSP schema and Web Services updates
- 26 August 2021: Submission validation rules and Market Participant testing
- **Market Readiness Survey to be released 30 June with reporting end of July**
- **Readiness Working Group #3 scheduled for 20/07**
- **WRIG Members – please continue to provide offline feedback, queries and suggestions on topics you would like further information on**