



**Energy Transformation
Implementation Unit**

WEM Reform Implementation Group (WRIG)

Meeting #11

25 March 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

Dora Guzeleva | ETIU



9.35
am

Joint Industry Plan – Plan Updates

Jai Thomas & Dora Guzeleva | ETIU
Stuart Featham & Mariusz Kovler | AEMO
Mark McKinnon | Western Power
Ben Connor | Synergy



10.00
am

Joint Industry Plan – Market Readiness Engagement & Reporting Strategy

Kristy McGrath & Mariusz Kovler | AEMO



10.30
am

WEM Procedures

Chris Wilson & Clayton James, Rebecca Petchey, Toby Price and
Alex Gillespie | AEMO



10.55
am

Next Steps

Dora Guzeleva | ETIU

Joint Industry Plan Updates

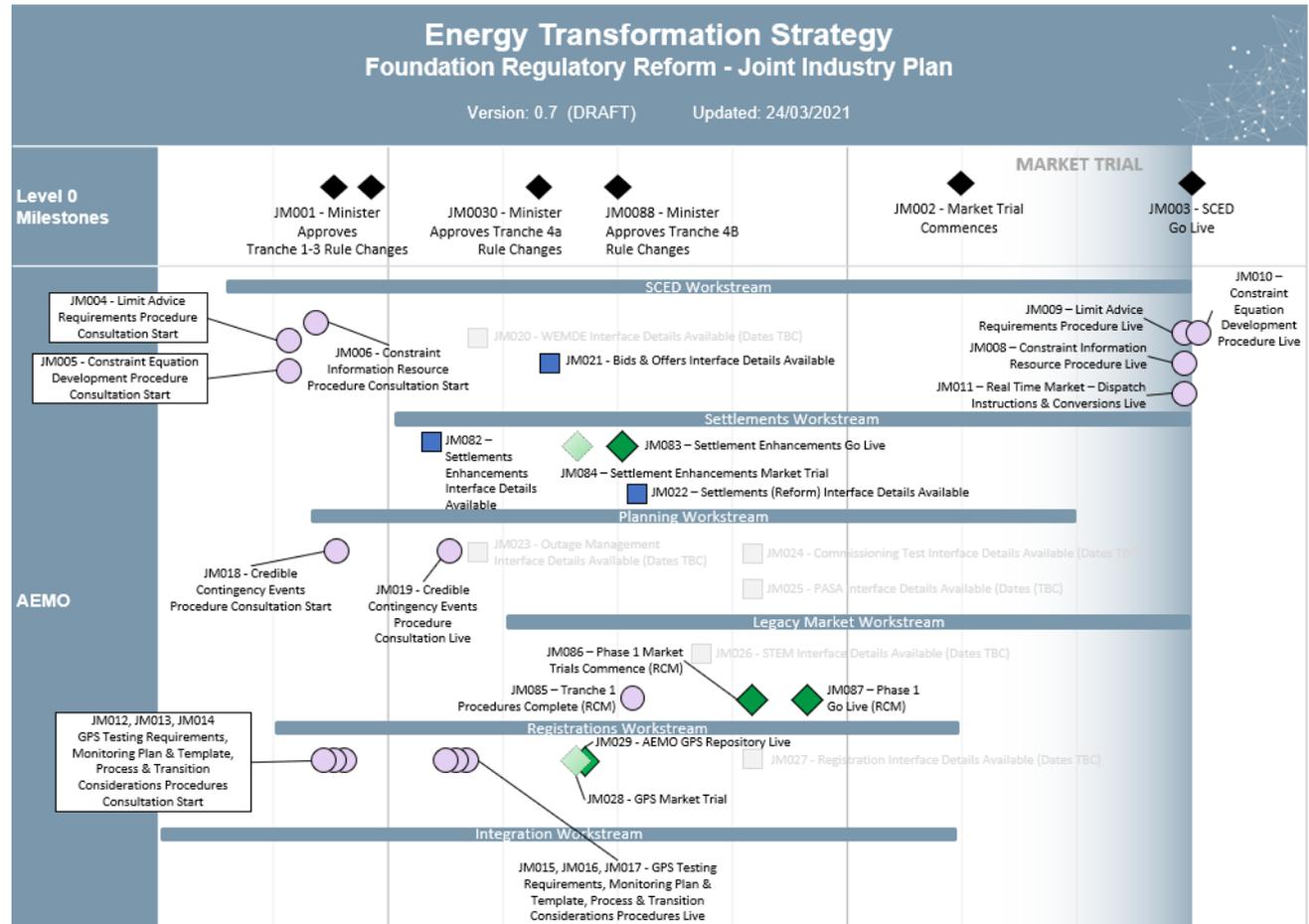
Session Purpose

- 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

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	March	April	May	June	July	August
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 						
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:

- Rules analysis and resulting baseline schedule impact assessment approaching completion – initial engagement with ETIU has commenced
- Continued development of the Test and Trial strategy, Operational Readiness strategy and Market Readiness strategy deliverables
- Bids & Offers workpackage technical delivery commenced
- RCM Phase 1 requirements backlog and technical elaboration is complete (some RLM/Registrations impacts). Procurement activity has progressed
- WEMDE Commencement of procurement activity for Dispatch Engine critical path items delivery
- Constraints Management, Settlements Enhancements and Generator Performance Standards (GPS) projects continue. Commencing service transition and market trial (GPS) activities in the coming quarter
- Technical platform (cloud and on-premise) design is approaching completion to support future projects.

AEMO Next Steps

- Continue Operational and Market Readiness activities
- Continue Bids & Offers technical delivery
- Complete RCM (Phase 1) Procurement activity
- Complete WEMDE Procurement activity
- Continue GPS, Constraints Management and Settlements Enhancements system development and service transition
- WRIG-IT scheduled for 21 April (Settlement Enhancements, GPS, Bids & Offers, Market Test)

Joint Industry Plan

Market Readiness Engagement & Reporting Strategy

Session Purpose

- Provide an overview of the Market Readiness Strategy
- Highlight key aspects of the strategy; and
- Provide clarity on next steps and consultation process.

Market Readiness Engagement & Reporting Strategy

The Market Readiness, Engagement & Reporting Strategy is designed to guide AEMO and WEM participants' readiness activities, including setting out the approach for monitoring and reporting on industry readiness for WEM Reform.

Market Readiness is comprised of four deliverables:

Desired Outcome	Deliverable
Market readiness can be measured and everyone can see progress against the market go-live date. Stakeholders understand how they will be engaged and participate during the readiness process.	 Market Readiness Engagement & Reporting Strategy
Market Participants understand how to test against AEMO platforms	 Industry Testing & Market Trial Strategy
Market Participants understand the scope and timing of Market Trials	 Market Trial Definition
Everyone understands the plan to transition from the old to the new market and how the go/no-go decision will be made.	 Market Transition Strategy & Plan

This component

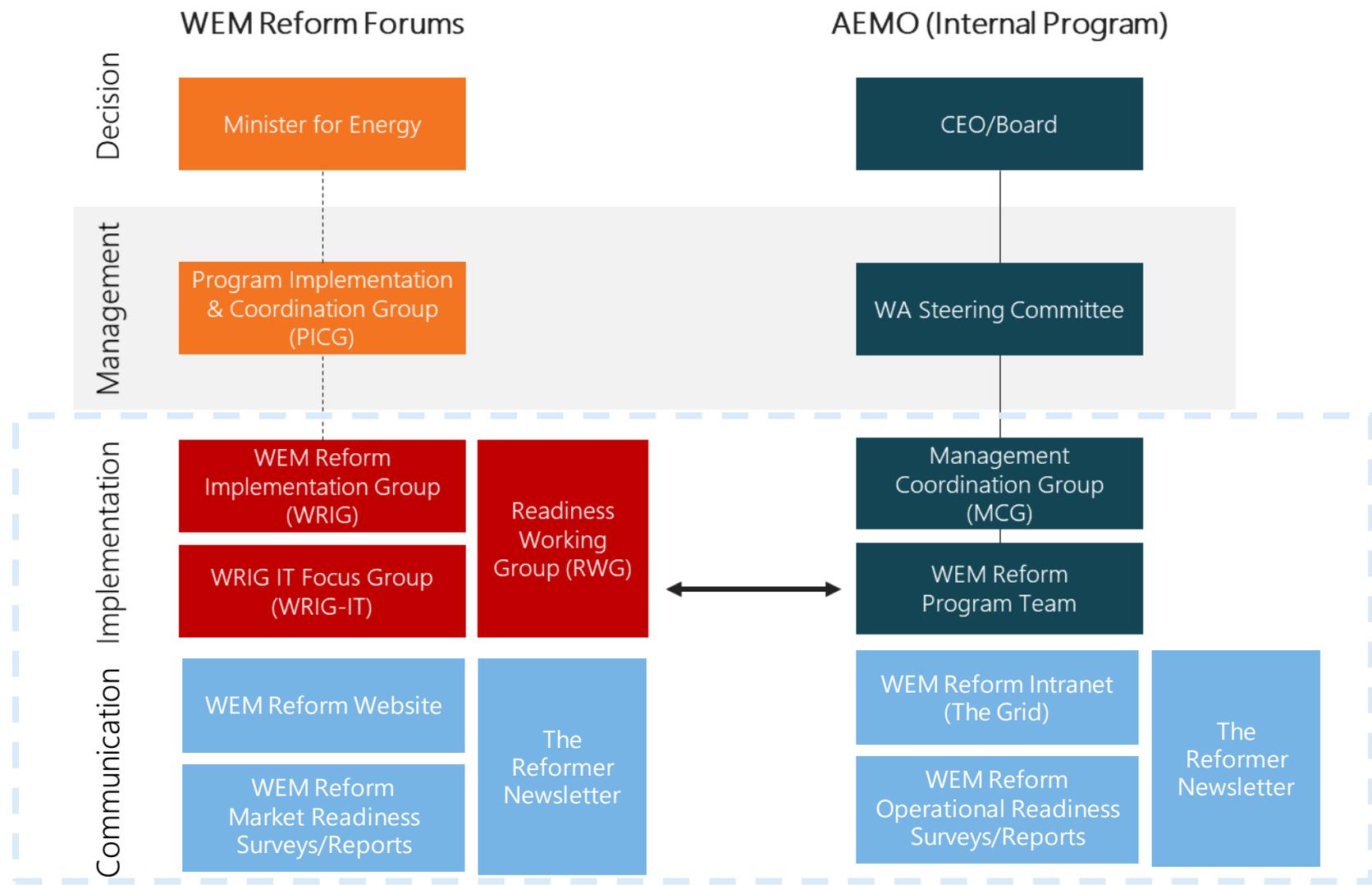
Market Readiness & Engagement Strategy

Market Readiness Principles



Market Readiness & Engagement Strategy

Market Readiness Forums & Engagement





Market Readiness & Engagement Strategy

General Market Readiness Reporting Criteria

Program Setup

- Project Funding Secured
- Project Plan Established
- Project Governance
- Project Team Onboarded

Program Execution

- Program Delivery Completion
- Agreements with Suppliers
- New Risks or issues to report
- Risk and issues requiring update

Specific market readiness criteria will be based on capability required to participate in the new SCED market. Industry consultation will be performed via the Readiness Working Group prior to finalisation of the criteria.

Market Readiness & Engagement Strategy

Market Readiness Upcoming Milestones



Early April 2021: Publish Market Readiness Strategy for initial consultation



Mid-April 2021: Specific readiness criteria consultation via RWG



End April 2021: Release of detailed readiness reporting calendar



Early May 2021: Publish Market Readiness Strategy for second round consultation



End May 2021: Release of Readiness Assessment Questionnaire #1



Mid June 2021: Publish Industry Readiness Report #1

WEM Procedures

Session Purpose

- AEMO to discuss:
 - Basis of SCADA Points Requirements
 - ESR Metering
 - ESR Obligation Intervals
 - Forward view of Procedure topics and WEM Procedure timeline

WEM Procedures

WRIG Schedule

Meeting	Owner	Project	Topic/Procedure
25 March	AEMO	WEMDE	SCADA Point Requirements
	AEMO	RCM	Defining ESR Obligation Intervals
	AEMO	RCM	ESR Metering
29 April	AEMO	RCM	RCM Registration
	AEMO	WEMDE	High Speed Recorder Requirements
27 May	AEMO	WEMDE	ESS Accreditation Update
24 June	AEMO	WEMDE	Participant Submissions
	AEMO	System Planning	Scenarios Modelling (ST and MT PASA)

WEM Procedures

Procedure Timeline

Timeline Headings:

Procedure Name	Topic	Project	New/ Re-write /Update	Size of change (L, M, S)	Last date topics to be taken to WRIG	WEM Procedure Consultation
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Things to note:

- Information is subject to change. Changes will be advised as soon as possible.
- WRIG Slides should be consulted for forward plan of topic presentations.
- Head of power clauses will be included in the next revision for easy identification of relevant WEM Rule clauses.

Queries: WA.ETS@aemo.com.au

Next Steps

Looking towards future WRIGs





Next Steps

- 
- AEMO to share updated full Procedure list
 - AEMO to send invitation for WRIG-IT Meeting scheduled for 21 April
 - AEMO to seek nominations for Readiness Working Group
 - AEMO to publish draft Market Readiness and Market Test Strategy documents
 - WRIG Members – please continue to provide offline feedback, queries and suggestions on topics you would like further information on