WEM Reform Program Status Update

Presented to WA Electricity Consultative Forum

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12 October 2022

WEM Reform Program Status Update | Sept 2022

Overall Status

Program status has deteriorated to **red** as ongoing increases in estimates of effort required to complete the program are forecast to consume available schedule and budget contingency. AEMO is developing a recovery plan to reduce cost and time required, including prioritisation of essential scope. AEMO remains committed to commencing Market Trial in April 2023, to enable new market start on 1 October 2023.

Key Activities This Period

- **Market Readiness:** Market Readiness Report 4 issued, which suggests for most participants and facility capacity, readiness efforts are on track. Nonetheless, respondents including Western Power, the ERA and some participants report important dependencies on AEMO artifacts and design information
- **Rules**: Continuing to assist EPWA to finalise Tranche 6 of the WEM Rules.
- **Procedures:** Published Undertaking the LT PASA WEM Procedure; presented on Real Time Market Submissions WEMP (8 Sept WRIG) and Technical Specification: Automatic Generation Control, SCADA Dispatch Instructions, and Fast Start Facility Operational Behaviour (8 Sept WRIG and release WC 19 Sept). Notices and Communication WEMP (rescheduled for 12 October WRIG).
- **System Development**: Progressed development and testing work. Highlights:
  - **RTMS**: supported user testing of Release 2 and detailed participant queries regarding system and specifications
  - **WEMDE**: Integration build for RTMS and for integration with energy management system (EMS) completed. Showcase to external participants. **Forecast Integration**: Completed Metrix upgrade and commenced third and final implementation phase.

Focus For Next Period

- **Market Readiness:** Release Survey No.5 (30 Sept).
- **Rules:** Support EPWA as required to finalise Tranche 6.
- **Procedures:** Consult on or finalise WEM Procedures including: Power System Security WEMP; Dispatch Algorithm WEMP and/or ESS Quantity Determination Methodology WEMP.
- **System Development**: Progress development work as follows:
  - **WEMDE**: multiple initiatives to enhance system resilience
  - **WEMDE UI**: Continue B2B planning with a view to sharing overview with market.
  - **Outage Management**: preparing to publish documentation for Forced Outage Submissions to Market Participants.
  - **RCM**: Engage additional external resources to support NAQ engine work. Release 2.1 into production (RCM Portal – non-participant facing)
  - **MT PASA**: Commencing build phase
  - **Settlements**: Finalise IRCR changes, finalise invoice integration, continue formulation coding, commence certification.

Stakeholder Engagement

WRIG 21 Sept	**Market Readiness Survey Release** 30 Sept	**WRIG** 12 Oct	**WA ECF** 12 October	**WRIG** 27 Oct

Questions and Feedback

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