WA DER Program Update

Presented to WA Electricity Consultative Forum

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2 March 2022

WA DER Program

March 2022

- **Technology Integration**
  - AEMO and Western Power have developed tools to assess the performance of DER during system disturbances and will continue to analyse system performance during fault events.
  - AEMO has developed and is now validating dynamic models to more accurately model system behavior inclusive of DER and Load behavior.
  - AEMO has been supporting Western Power in the development of revised under-frequency load shedding arrangements in light of DER. Roles for DER during system restart are also being considered.
  - The development of CSIP-AUS as a foundational specification for DER interoperability and control requirements is being considered in light of the development of this nationally.
- **Project Symphony**
  - Pilot DMO platform has been established with further development required to enable the integration and operation of test scenarios for Project Symphony.
  - Foundational test strategy and research plans are under development to maximise learnings from the project for AEMO.
  - Detailed design completed with partners for 2 out of four test scenarios.
- **WEM Participation**
  - AEMO is developing requirements for visibility of DER aggregations as a foundational step in enabling development of these solutions in the WEM and SWIS.
  - Ongoing engagement with EPWA who is leading development of policy and WEM requirements.

Participant Engagements

WA DER Market Participation Forum — **15 March 2022**

- Program and Project status updates
- Technical deep dives

WA DER Market Participation Forum — **15 June 2022**

WA DER Market Participation Forum — **13 Sept 2022**

WA DER Market Participation Forum — **13 Dec 2022**

Questions and Feedback

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