

Minutes

Meeting:	AEMO Procedure Change Working Group (APCWG)
Date:	Tuesday, 17 January 2023
Time:	10:00am – 10:32am
Location:	Virtual meeting
Teleconference details:	MS Teams

Attendees:

Name	Company
Adam Kew	Western Power
Aditi Varma	Western Power
Alex Gillespie	AEMO
Andrew Scarfone	Perth Energy
Bobby Ditric	Lantau Group
Cameron Owens	Synergy
Christina Madsen	AEMO
David Antuar	My IT Consultants
Douglas Ferreira	AEMO
Eddy Buckovic	Red Hill Energy
Fernando Gonzalez Breijo	Naturgy
Grace Liu	AEMO
Graham Miller	AEMO
Hari Sridhar	Transalta
Harry Street	Entego
James Maxwell	Synergy
Jenny Laidlaw	Energy Policy WA
John Nguyen	Perth Energy
Judy Hunter	Western Power
Lucy Wu	South32
Mark Mckinnon	Western Power
Martin Maticka	AEMO
Mena Gilchrist (Chair)	AEMO
Natalia Kostecki	AEMO
Paul Arias	Shell Energy
Penny Ling	Metro Power
Peter Huxtable	Water Corporation
Rick Dolling	AEMO
Sam Robinson	APA Group

Name	Company
Sarah Bartley	Galetech Group
Sophie Maio	Synergy
Stefan Scagnetti	Bluewaters
Toby Price	AEMO
Tom Butler	AEMO
Vlasta Barac	Metro Power

1 Welcome

- Mena Gilchrist (Chair) opened the meeting with an acknowledgement of country.
- Stakeholders were reminded that the session is being recorded.
- Mena introduced Alicia Volvricht, who presented on the proposed amendments to the WEM Procedure: DER Register Information.

2 WEM Procedure: DER Register Information

- Alicia commenced the presentation by providing an overview of the proposed changes to the WEM Procedure, including
 - incorporation of Electric Vehicle Supply Equipment (EVSE) in accordance with the [Electric Vehicle Action Plan: Preparing WA's electricity system for EVs](#);
 - integration of changes following amendments to the Australian Standard AS/NZS 4777.2:2015 which has been superseded by the Australian Standard AS/NZS.2.2020 in December 2021;
 - minor changes to reflect changing operational expectations of Distributed Energy Resources (DER), such as the implementation of Emergency Solar Management in March 2022;
 - minor changes to improve completeness and quality of data; and
 - migration to AEMO's new WEM Procedure template and editorial changes.
- It was noted the Procedure Change Proposal was published on 12 December 2022, with consultation closing on 24 January 2023. AEMO is targeting to release the Final Report early March this year, dependant on feedback received from stakeholders as part of the consultation process.
- Alicia advised the Procedure Change Proposal was prompted largely by Energy Policy WA's [Electric Vehicle Action Plan: Preparing WA's electricity system for EVs](#) and the WA DER Roadmap, arising the need to ensure Electric Vehicle charge points are captured in the DER Register to assist with forecasting impacts of Electric Vehicle's on the grid.
- AEMO is proposing to target updates to AEMO's systems to reflect changes to the WEM Procedure to be completed mid-year 2023 and testing of data exchanges between AEMO and Western Power would be completed subsequently, with timings for testing to be confirmed with Western Power.
- Amendments to the WA DER Register Technical Specification which supports the DER Register Information Procedure will also be required and undertaken as part of the implementation phase.

- AEMO is not intending to change the existing structure of the DER Register Data Model, however explained proposed amendments to include nine new data fields and minor amendments to some of the existing DER Register Information data fields.
- The DER Register was initially developed to accommodate Small Generation Units and Storage works which are defined by their ability to inject energy into the SWIS. The proposed amended WEM Procedure now considers that DER can be characterised with three different operating modes that could all be provided from a single Small Generating Unit or Storage Works:
 - Injection of electricity (i.e., generation or export)
 - Withdrawal of electricity (i.e., load, consumption or import); and
 - Storage of electricity (i.e., potential energy stored as electrical energy)
- Alicia explained proposed modifications to the DER Register Information to capture other DER technologies, including adding Electric Vehicle Supply Equipment (EVSE) and amending other data fields to clarify where they are applicable to generation versus loads.
- Further amendments have been made to modify the existing DER Register Information to adapt to other operational changes which have occurred since the implementation of the DER Register, to increase AEMO's visibility, such as the Emergency Solar Management Scheme which was introduced in March 2022. Amendments have been proposed to include import limits (where applicable) and to introduce new data categories for 'Authorised Agent' and 'DER Management Method', where enabled and required by the Network Operator.
- Alicia discussed proposed amendments made to the WEM Procedure to consider changes in accordance with the new Australian Standards AS/NSZ.4777.2.2020, which came into effect from 18 December 2021. Amendments will significantly reduce data requirements to be provided under the superseded Australian Standards AS/NSZ.4777.2.2015.
- Alicia explained AEMO has also taken the opportunity to make other minor amendments to the WEM Procedure to reinforce the completeness and quality of the DER Generation Information. The changes are consistent with, and clarify the current WEM Procedure and include:
 - amendments to definitions and existing paragraphs to better align with requirements under the WEM Rules;
 - inclusion of the requirement for AEMO to publish the WEM DER Register Technical Specification on the WEM Website;
 - clarifications regarding the process for exception management;
 - changes to Appendix A to provide clarity regarding category descriptions and understand how the models work together;
 - a new column under Appendix A to outline that data fields are mandatory or optional;
 - removal of direct copies of WEM Rules clauses;
 - editorial changes and correction of minor typographical errors; and
 - migration to AEMO's new WEM Procedure template.
- Feedback is being sought as to whether:

- stakeholders consider the amendments will assist in achieving the appropriate level of visibility to support the [Electric Vehicle Action Plan: Preparing WA's electricity system for EVs](#);
 - there is any additional information AEMO should collect as part of the DER Generation information;
 - there are any other relevant issued that have not been considered; and
 - the viability of commencing the revised WEM Procedure on 2 October 2023.
- Alicia opened the floor for any questions or feedback.
 - Aditi Varma asked when AEMO would be releasing the Technical Specifications. Alicia advised that this will not be available until the WEM Procedure change is complete, but anticipates the Technical Specification to be finalised approximately around May.
 - Aditi advised that they would reach out to AEMO offline.

3 Next Steps and Other Business

- Alicia advised stakeholders could reach out with feedback directly to AEMO's DER team at WADERProgram@aemo.com.au and submit formal feedback to wa.marketdevelopment@aemo.com.au by 5:00pm on 24 January 2023.
- Mena re-iterated Alicia's offer regarding contacting AEMO's DER team directly for informal feedback and opened the floor for any other business.
- There being no other business, the meeting was closed at 10:32am