

# SDWIG MINUTES

**MEETING:** DEIP – Standards, Data and Interoperability Working Group #5  
**DATE:** Tuesday, 18 August 2020  
**TIME:** 14:00 – 16:00  
**LOCATION:** WEBEX

## ATTENDEES:

COMPANY / DEPARTMENT
AEMO
ESB
ARENA
CSIRO
AER
ENA
CEC
Standards Australia
ANU
ECA
AGL
Refrigerants Australia
CER

## APOLOGIES:

COMPANY / DEPARTMENT
Australian Energy Council
PIAC
Ausgrid

## Actions

**Action 2.1:** SDIWG members to nominate members for the DER Device Standard Taskforce by Monday, 31 August 2020

**Action 2.2:** AEMO to circulate presentation from AGL regarding 4777.2 feedback for further discussion and feedback.

**Action 2.3:** SDIWG to raise regulation and governance issues relating to voltage management with DEIP Steering Group.

**Action 2.3:** SDIWG members to provide feedback regarding the Technical Integration of DER future priorities (Agenda item 4) by Friday 4 September 2020.

**Action 2.4:** WA DER program to maintain regular updates with DEIP Steering Group, DEIP SDIWG, DEIP Access and pricing, and DER Device Standard taskforce where relevant.

**Action 2.5:** AEMO to develop letter of support for 4777.2 for endorsement by SDIWG

**Action 2.6:** SDIWG members are requested to advise of future agenda items to be considered two weeks in advance of following meeting.

Minutes:

**Items to note**

***Agenda item 2 – Previous Action Items***

To Note:

- Action 2.1: The Battery standard proposal developed by DNV-GL is in final stages of preparation. This will be progressed to the relevant Standards Australia committee shortly.
  - Letter of support will be shared by AEMO on behalf of the SDIWG to Standards Australia.

Discussion:

- Action 2.6: (AGL) It was raised that AGL have presented some concerns regarding AS/NZS 4777.2 and will share this presentation with AEMO and discuss in further detail with relevant audiences as required.
  - AGL are preparing a submission through their representatives via the formal process run by Standards Australia.
- (Various members) Further concerns were raised within the SDIWG regarding the voltage management settings and consistency/regulation across jurisdictions.
  - These issues are outside of the AS/NZS 4777.2 standard and relate to the governance and regulatory structure of voltage management
  - It was identified that further investigation, discussion and way forward was required in relation to this issue.
  - SDIWG to raise regulation and governance issues relating to voltage management with DEIP Steering Group for consideration.

***Agenda Item 3 – DER Device Standard Taskforce ToR + member nomination***

Discussion:

- (Refrigerants Australia) The scope is not written in a way that is focused on input from device/appliance manufactures
- (ECA) Clarification is required on how this taskforce (and the SDIWG) are different from the ESB governance committee being proposed
  - (AEMO) It was clarified that this group has been established to provide oversight, alignment and guidance on priorities for the technical integration of DER, that Standards Australia will then implement. However, the exact structure of the interrelationship between working groups/taskforces and the ESB governance proposal is yet to be finalised, and is not expected to be finished and in place for 12-18 months
  - It is suggested that the ESB governance is looking at this from the highest level and expert advice from this group will be provided upwards to ESB in the form of informed recommendations and advice.
  - (AER) At this stage ESB governance is a concept and currently undergoing consultation – we are a fair way away from knowing what that group looks

like. This WG may feed into that governance structure or may wrap up but that is unknown at this stage.

- (ECA) Request that the Taskforce ToR refer to trigger points to review the continued requirements for the taskforce and note specifically the ESB governance outcomes.
- Regarding membership – AER, CER & AEMC do not current foresee a requirement for representation as part of the DER Device Standard Taskforce.
  - All members of SDIWG to propose members for the Taskforce by 31 August 2020.

#### ***Agenda Item 4 – WA Roadmap Alignment***

Discussion:

- (ANU) Is Action 3 of the DER Roadmap in regard to Operating Envelopes being conducted in conjunction with ANU?
  - It was noted that knowledge sharing on related projects across Australia needs to be facilitated
- It was noted that a number of the Roadmap actions in relation to the technical integration of DER challenging deadlines - I.e. Inverter performance Standards by May/June 2021 – this is not in line with the current Standards Australia timeline and therefore needs to be completed outside of this to meet deadlines.
- (AER) Question around policy – in future where households have multiple inverters for different appliances (solar, EVs, hot water systems, pool pumps etc.), the focus is not the inverter, but more the household and the communication requirements to the household as a whole that we want to consider.
  - (ANU) Noted that ANU will contact AER to discuss this concept offline.
- It was noted that knowledge sharing and learnings from the program is an important component of the DER Orchestration project (Project Symphony) and that regular updates on the implementation of the WA Roadmap be provided to the DEIP Steering Group, DEIP SDIWG, DEIP Access and pricing, and DER Device Standard taskforce where relevant. .
  - AEMO have taken this as an action for future meetings.

#### ***Agenda Item 5 – Technical Integration of DER future priorities***

AEMO presented an overview of its view of future DER technical integration priorities in order to have a discussion with SDIWG members to:

- Gather feedback from the WG regarding these priorities.
- Contextualise these priorities across the industry.
- Identify any priorities members consider are missing
- To help start a process to develop an industry action plan of forward priorities for DER technical integration.

For Discussion:

- (ESB) Are these priorities feeding in to specific AEMO plans and/or how does this fit with the outcomes from the RIS and the April 2019 technical integration report? Will

the feedback being provided contribute to specific future pieces of work, or for discussion purposes only?

- (AEMO) Through this presentation, AEMO are seeking feedback regarding prioritisation and consensus with what needs to be worked on and in what order. This is about identifying some of the issues and programs of work that can be escalated to DEIP steering group or ESB and also consider which organisation is best positioned to take these work programs forward.
- (ECA) why do we think that the bulk system operator (AEMO) should 'care' about DER rather than just what happens at the connection point? I just keep thinking that framing the discussion about how to dynamically coordinate 10 million premises as part of the bulk power system rather than a system of systems approach.
- (AER) How is cyber being considered/prioritised? It has been identified as a gap (preliminary finding only) in the State of the DER Technical Integration study.
  - This should be considered by the Cyber Security Taskforce.
- It was decided that more time was needed to discuss this issue after more fuller consideration by SDIWG members. As such, SDIWG members were asked review the future priorities provided by AEMO regarding the Technical Integration of DER and to provide feedback in advance of the next meeting where they will be for discussed.

•

#### **.Agenda Item 6 – Other Business**

To Note:

- Request from ARENA for members to participate in the upcoming webinar regarding DER Integration maturity assessment:  
<https://www.bigmarker.com/farrierswier/ARENA-DER-technology-integration-report-webinar>
- (ECA) Language needs to change. The objective isn't "DER Integration" - making DER fit with the existing system, and likewise, it isn't "Renewables Integration". The framing needs to be "DER Optimisation", and "Renewables Transition". Not what we need to happen in the next few years - but what it needs to look like when we have vastly reduced number of thermal generators.
- Further discussion on items raised in "other business" to be addressed at the next SDI WG meeting.

#### **Next Meeting:**

- Wednesday, 16 September 2020
- 2.00pm – 4.00pm

#### **Further questions/feedback:**

- Stuart Johnston: [Stuart.Johnston@aemo.com.au](mailto:Stuart.Johnston@aemo.com.au)
- DER Program – Data, Standards and Interoperability team: [DERSDI@aemo.com.au](mailto:DERSDI@aemo.com.au)

