

Forum meeting record

Forum:	P2265 – IESS Working Group Meeting #3
Date:	Wednesday 29 June 2022
Time:	10am – 12pm
Location:	Via MS Teams

Attendees:

Name	Company
David Nazareth	Wirsol
Oscar Carlberg	Alinta Energy
Carlo Polisenno	AGL Energy
Sarah Jane Derby	Origin Energy
Dev Tayal	Tesla
Helen Vassos	Plus ES
Marika Suszko	Energy Australia
Ronny Schnapp	Neoen
Angela Sheehy	Stanwell
Tom Meares	AEMC
Carla Ziser	AEMO
Deep Juneja	AEMO
Emily Brodie	AEMO
Kate Reid	AEMO
Paul Carpenter	AEMO
Susan McPherson	AEMO
Tom Meares	AEMC

MEETING NOTES

1. Welcome (Emily Brodie, Slide 2)

Attendees were welcomed to the third IESS Working Group meeting. AEMO noted that the meeting was being recorded for the purposes of preparing meeting notes. Agenda was presented.

2. Notes, actions, and feedback from previous WG meeting (Emily Brodie, Slide 6)

AEMO reviewed the action items from Meeting 2 (Wednesday 25 May).

No questions or feedback was received on the notes and actions from Meeting 2. As such, the minutes were endorsed and will be finalised and published on the IESS WG webpage.¹

3. Project Update (Emily Brodie, Slides 7-8)

AEMO gave a run-down of the IESS Indicative industry timeline which shows where milestones have firmed up and what actions have occurred.

Regarding the Industry Test Plan, it is proposed that industry test activities for initial release are undertaken as BAU (as discussed in further detail during the 'Industry readiness' component of the meeting – see section 6)

4. Procedure's update (Emily Brodie, Slides 9-15)

AEMO announced it had appointed an IESS project procedure lead: Nicole Nsair.

Timelines have not yet settled for Retail and B2B, and Registrations. For Registrations, AEMO said it is still gathering requirements internally and starting to look at the new DC coupled policy for IESS in July. AEMO noted there is an AEMC rule change on foot around the process of consulting on procedures;² AEMO will review the final determination and rule and ensure its IESS procedure change processes align.

Important dates (indicative):

Connection and Registrations

- Change marked procedure published: 1/11/2022
- Feedback Due: 15/11/2022
- Procedure Published: 29/11/2022

¹ <https://aemo.com.au/en/consultations/industry-forums-and-working-groups/list-of-industry-forums-and-working-groups/iess-working-group>

² <https://www.aemc.gov.au/rule-changes/improving-consultation-procedures-rules>

Operations and Dispatch (Dispatch procedure)

- Change marked procedure published: 21/7/2022
- Feedback due: 12/8/2022
- Procedure published: 1/9/2022

Forecasting and Planning

- Change marked procedure published: 22/8/2022
- Feedback due: 5/9/2022
- Procedure published: 19/9/2022

Settlements

- Issues paper published: 5/9/2022
- Submissions due: 3/10/2022
- Draft determination published: 14/11/2022
- Submissions due: 12/12/2022
- Final determination published: 20/12/2022

5. HLD/Strawperson Update (Carla Ziser, Slides 16-19)

AEMO said High Level Design (HLD) Update will reflect changes since initial publication and stakeholder feedback.

The Strawperson has been developed to align with the HLD and provide additional information on participant impact. AEMO said the two documents aim to guide participants through the scope of the changes and allow participants to start planning on likely system changes needed.

AEMO walked through the main IESS changes (please refer to Slide 18 for full list of changes and affected participants).

AEMO outlined the Consultation approach, in particular key dates including:

- Publication of Draft implementation Strawperson and HLD: Early July
- Written stakeholder feedback on draft Implementation Strawperson: 12 Aug
- Publication of Final implementation Strawperson: 1 Sep

AEMO will release an Issues paper on aggregate dispatch conformance in July, allowing stakeholders to provide collective feedback on the High-Level Design, Strawperson and issues paper.

6. Introduction to IESS industry readiness (Emily Brodie, Slides 20-23)

AEMO gave context around industry readiness for IESS.

Initial release for 31 March 2023: AEMO has to be ready (Optional participation any time from the release date).

Final release for 3 June 2024: AEMO has to be ready (Affected participants need to be ready for mandatory changes by the **release date**).

AEMO said to be aware that IESS is one project amongst a suite of NEM2025 activities. As we start our readiness journey, we need to be cognisant that other programs are running in parallel. Therefore IESS may look to align industry readiness with other initiatives where it makes sense to do so.

Proposed approach to IESS industry readiness

AEMO said in terms of initial release (31 March 2023), it is likely that no additional industry readiness support above BAU will be required. IESS initial release does not require cross – industry coordination and AEMO’s support hub is available for participants 24/7.

For the Final release (3 June 2024), an industry readiness strategy will need developing in consultation with the IESS WG (Feb – May 2023).

Wirsol had a question regarding the Market and Settlement process; need to be ready by 3 June 2024. AEMO said there will be consultation, and that the settlements formulas are set in the rule. AEMO will need to make changes to its settlements system to reflect the new calculations, as well as industry need to make its own changes to ensure they are ready. There will also be a market trial. The IESS WG can look to the 5MS market trial as an example. The IESS market strategy (indicatively developed with IESS WG Feb to May 2023) will pick up all the activities that AEMO and market participants need to do, and then plan them out to ensure everyone is on track to hit the go-live date.

Wirsol noted that in most of the diagrams provided, the meter is shown at the physical point of connection, but in some cases the metering is on the specific units themselves, is there a calculation modification which will prevent Marginal loss factor and Distribution loss factor charges being applied to internal movement of energy behind the site’s physical point of connection? (E.g. Solar or wind charging a BESS or powering an on site load). AEMO response was that the NMI meter should be at the grid point of connection, whereas the operational meters for bidding and dispatch are at the resource level. But if this isn’t clear on the soon to be released HLD, then we should note it back in feedback by 12 Aug 22.

ACTION 3.1: Working Group members to provide initial feedback on the IESS industry readiness approach to IESS@aemo.com.au by Fri 15 Jul 2022.

Feedback will form part of a future IESS WG discussion on readiness, TBC later this year.

7. Industry risk and issues (Emily Brodie, Slides 24-30)

AEMO noted that the IESS industry risks and issues register is being introduced to effectively communicate, monitor and manage industry risks and issues. This register is separate to AEMO’s internal register for managing its own project risks.

AEMO went through the proposed IESS risk management regime, including timings and activities related to the evaluation of risks and issues at IESS WG meetings.

ACTION 3.2: Working Group members to provide feedback on the risk register and risk management approach to IESS@aemo.com.au by Friday 15 July 2022, in particular how appropriate is this proposed risk management approach, and what are the gaps.

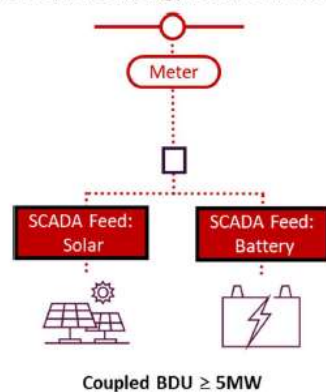
8. Forward Plan (Emily Brodie, Slides 31-32)

AEMO shared a summary of activities over the next few months from June – August and beyond. (Please refer to slide 32 for full detail). Stakeholder enquires to be sent to IESS@aemo.com.au

9. General questions and close (Emily Brodie, Slide 33)

Question 1: WIRSOL asked a question around the scheduled coupled production unit, with battery and VRE behind the inverter. Would the inverter’s internal meters suffice so long as they were available to AEMO via SCADA as per Figure 6? Or would there need to be revenue quality meters on each of the solar and BESS inputs to each inverter? AEMO said it could just be an operational feed, so SCADA feeds would suffice.

Figure 6 Separate SCADA feeds for each technology resource in a scheduled coupled production unit.



Question 2: WIRSOL asked if there has been any update on a simplified project development timeline which will show when projects can conduct connection applications, physically connect/energise to the grid, conduct hold point testing ready for 3 Jul 2024 go live date. AEMO said that this will be looked at in the readiness preparation phases. AEMO said that transitional processes will be in place now. Intention is that if we submit a registration today, it will use the current processes, with a view to changing over to the new IRP and BDU categories on 3 Jun 2024 without needing to re-demonstrate performance standard capability.

ACTION ITEMS RAISED AT WORKING GROUP MEETING

Item	Topic	Action	Responsible	Due date
3.1	Industry Readiness Approach	Working Group members to provide initial feedback on the IESS industry readiness approach to IESS@aemo.com.au	WG Members	Friday 15 July 2022
3.2	Risk and Issues	Working Group members to provide feedback on the risk register and risk management approach; in particular how appropriate is this proposed risk management approach, and what are the gaps.	WG Members	Friday 15 July 2022