

MEETING: **P2265 IESS – Working Group – Meeting #1**  
 DATE: Wednesday 27<sup>th</sup> April 2022  
 TIME: 10.00-12.00pm  
 LOCATION: Microsoft Teams

## ATTENDEES

NAME	COMPANY
Colm Ahern	Ace Power
Shane Humphreys	Ace Power
Kurt Winter	AGL
Marika Suszko	AGL
Nick Finch	Akaysha Energy
Oscar Carlberg	Alinta Energy
Jacqui Mills	Clipsal Solar
Stuart Hillen	Energy Australia
Mark Williamson	Ergon Energy
Chris Wilson	Firm Power
Julien Tissandier	Intergen Energy
Robert Pane	Intergen Energy
Toby Roberts	Intergen Energy
Sharon Tissai-Krishna	Maoneng
Ronny Schnapp	Neoen
Helen Vassos	Plus ES
Steve Frimston	Shell Energy
Dev Tayal	Tesla
Ben Kearney	Windlab
Emily Brodie	AEMO
Peter Carruthers	AEMO
Trent Morrow	AEMO
Celestino Velasco	AEMO
Gareth Morrah	AEMO
Ulrika Lindholm	AEMO
Jeremy Dzau	AEMO
Clint Gadsen	AEMO
Sean Seeliger	AEMO

NOTE: some attendees who joined through Teams and phone may not have been identified. Please advise via email to [IESS@aemo.com.au](mailto:IESS@aemo.com.au) if you attended the meeting but have not been noted above.

Working Groups members are reminded of AEMO's request for businesses to send one primary member and one alternative member to the meetings.

## MEETING NOTES

<p><b>1. Welcome (Emily Brodie, AEMO, Slides 1-4)</b></p> <p>Attendees were welcomed to the first IESS Working Group meeting. AEMO noted that the meeting was being recorded for the purposes of preparing meeting notes. Agenda was presented.</p>	
<p><b>2. Context (Peter Carruthers, AEMO, Slides 5-9)</b></p> <p>AEMO gave an overview of the Energy Security Board (ESB) Post – 2025 Electricity Market Design Program and AEMO’s role therein including a multi-year implementation running from 2019 – 2025 and beyond.</p> <p>AEMO outlined the 4 major reform workstreams put forward, including the initiatives:</p> <ul style="list-style-type: none"> <li>- Resource Adequacy Mechanisms</li> <li>- Essential System Services Scheduling and Ahead Mechanisms</li> <li>- Integration of DER and Flexible Demand</li> <li>- Transmission and Access</li> </ul> <p>The Program requires significant regulatory implementations which should be 1. successful and 2. Implemented in an efficient manner; The NEM 2025 roadmap supports AEMO and stakeholders in navigating the breadth of ESB reforms over the coming years. The key benefit of the roadmap is that it can be used to inform implementation decisions.</p> <p>Industry and AEMO are “in this together”, building and developing the roadmap as a team through the <a href="#">Reform Delivery Committee</a> (comprises representatives from across the industry, including consumer representation).</p> <p>Version 1 of the NEM 2025 Implementation Roadmap is to be published on the Reform Delivery Committee webpage (27 April release). AEMO is holding a stakeholder forum on 11 May 2022 and responses to the Information Paper are due on 20 May. See details on how to get involved in the meeting pack.</p> <p>While these structures are put in place, IESS is needs to begin its implementation to meet the regulatory deadlines. The IESS project is beginning ahead of the NEM 2025 program, but will integrate with the program as it evolves.</p>	
<p><b>3. Working Group purpose and expectations (Emily Brodie, AEMO, Slide 10)</b></p> <p>AEMO ran through the IESS WG purpose and noted the expectations set out in the draft Terms of Reference document.</p> <p>Working Group members to review the draft Terms of Reference Document and inform if anything is missing or needs clarifying. The file can be found here: <a href="#">iess-draft-terms-of-reference.pdf (aemo.com.au)</a></p> <p>AEMO noted the meetings would be monthly, with AEMO endeavouring to provide a slide pack 5 business days ahead so that members have sufficient time to prepare.</p>	<p><b>ACTION 1: Working Group members to review the draft Terms of Reference Document and provide feedback by Fri 13<sup>th</sup> May.</b></p>
<p><b>4. Rule Overview (Trent Morrow, AEMO, Slides 11-13)</b></p> <p>AEMO provided the background context to the IESS rule and explained the key elements of rule change for Registration, Participation and Scheduling, and Settlement.</p> <p>AEMO outlined that a participant with grid-scale storage will need to transition to the new Integrated Resource Provider (IRP) category and most storage units will need to transition to the new bi-directional unit classification. Energy Australia asked about the different classification for pumped hydro units. AEMO explained that resources that</p>	

<p>have a dead band (those not able to move linearly between consumption and generation) will need to maintain scheduled load and scheduled generating unit classifications for dispatch purposes.</p>	
<p><b>5. AEMO IESS Project (Slides 14-40)</b></p> <p><b>Project Overview (Celestino Velasco, AEMO)</b></p> <p>AEMO set out the IESS project approach/structure and introduced the core IESS Team Leads, noting the team can be contacted via: <a href="mailto:iess@aemo.com.au">iess@aemo.com.au</a>.</p> <p><b>Indicative Schedule (Celestino Velasco, AEMO)=</b></p> <p>AEMO ran through the IESS indicative industry timeline, noting the dependencies with other projects and initiatives. Part of the approach is to engage industry early. along with industry readiness engagement, including test and market trial preparation.</p> <p><b>System heatmaps (Celestino Velasco, AEMO)</b></p> <p>AEMO walked through the high-level system change heat maps.</p> <p>AEMO is seeking feedback/early comments on the schedule and system heatmaps, initially in mid-May and on an ongoing basis.</p> <p><b>IESS High Level Design (Emily Brodie, AEMO)</b></p> <p>AEMO noted that the initial HLD was published in December, with a Q&amp;A session conducted in February 2022. Stakeholder feedback received in February has been considered for the next iteration of the HLD and will be published shortly.</p> <p>AEMO explained the HLD purpose is to outline AEMO’s system and operation changes as well as assist stakeholders to start scoping their own IESS obligations.</p> <p>Next steps for the HLD :</p> <ul style="list-style-type: none"> <li>- <b>April/May</b> AEMO to develop the implementation straw person.</li> <li>- <b>May/June</b> the IESS WG to provide feedback on IESS straw person.</li> <li>- <b>June</b> AEMO expects to publish next iteration of HLD.</li> </ul> <p><b>Proposed Procedure change approach (Gareth Morrah, AEMO)</b></p> <p>AEMO walked through the proposed procedure change approach.</p> <p>AEMO noted that efficient procedure change grouping and scheduling needs to consider the initial and final IESS go-lives (Mar-23 and Jun-24) as well as system development dependencies and IESS NER requirements.</p> <p>Working Group members were asked to provide feedback on proposed procedure change approach, including scope and grouping.</p> <p>Working Group members were invited to participate in pre-consultation on the Power System Dispatch procedure, please email <a href="mailto:iess@aemo.com.au">iess@aemo.com.au</a> if this is of interest.</p> <p>AEMO noted that the AEMC used the IESS rule changes as an opportunity to spring clean the rules, resulting in new definitions needing a lot of administrative changes.</p> <p>Neoen queried to the additional workload created by the IRP category. AEMO noted that AEMO implements it in accordance with the rule.</p>	<p><b>ACTION 2: Working Group members to provide feedback/early comments on the indicative project schedule and system heatmaps initially by Fri 13 May and on an ongoing basis.</b></p> <p><b>ACTION 3: Working Group members to provide feedback on proposed procedure change approach, including scope and grouping by Fri 13 May.</b></p> <p><b>ACTION 4: Working Group members to notify AEMO of any interest in pre-consultation on the Power System Dispatch procedure.</b></p>

<p><b>Proposed stakeholder engagement approach (Ulrika Lindholm, AEMO)</b></p> <p>AEMO set out the proposed stakeholder engagement approach, and its focus. Working Group members were thanked for their commitment to the project.</p> <p>A set of objectives for the Working Group, and engagement and communication channels to enable effective consultation on the implementation were proposed.</p> <p>A survey is to be conducted to get gather feedback and insight on WG members' areas of focus for the implementation. Link to survey: <a href="https://office.com/Integrating Energy Storage Systems (IESS) Working Group Survey - April 2022">Integrating Energy Storage Systems (IESS) Working Group Survey - April 2022 (office.com)</a></p>	<p><b>ACTION 5: Working Group members to complete IESS Working Group survey.</b></p> <p><b>ACTION 6: Working Group members to provide feedback on proposed stakeholder engagement approach by Fri 13 May</b></p>
<p><b>6. Forward Agenda (Ulrika Lindholm, AEMO, Slides 41-42)</b></p> <p>AEMO proposed a Forward Agenda to the group including a summary of activities and publications that stakeholders may wish to engage with AEMO on over the coming three months' period. A standing agenda for the monthly Working Group meetings was also proposed, including: Notes and Actions from previous meeting, Project Update, Procedure Update, HLD Implementation update and Forward Plan.</p>	
<p><b>7. General Questions and Close (Emile Brodie, AEMO)</b></p> <p>No general questions or comments from the audience. Attendees were thanked for their attendance and contributions.</p> <p>AEMO offered to engage with members via email or via calls on a one-to-one basis via <a href="mailto:ies@ieso.com.au">ies@ieso.com.au</a></p>	

## ACTION ITEMS RAISED AT WORKING GROUP MEETING

Item	Topic	Action	Responsible	Due date
1.1	Terms of Reference Document	Review the draft Terms of Reference Document and provide any feedback.	Working Group members	Fri 13 <sup>th</sup> May
1.2	Schedule and heatmap	Notify Celestino/Emily of any schedule concerns and any early comments on heatmaps.	Working Group members	Fri 13 <sup>th</sup> May and ongoing
1.3	Procedure change approach	Provide feedback on proposed procedure change approach, including scope and grouping.	Working Group members	Fri 13 <sup>th</sup> May
1.4	Early engagement on dispatch procedure	Notify AEMO of any interest in pre-consultation on the Power System Dispatch procedure.	Working Group members	Fri 13 <sup>th</sup> May
1.5	IESS Working Group survey	Complete IESS Working Group survey.	Working Group members	Fri 13 <sup>th</sup> May
1.6	Engagement approach	Provide feedback on proposed stakeholder engagement approach.	Working Group members	Fri 13 <sup>th</sup> May