

Forum meeting record

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| Forum: | NEM Reform Implementation Forum #18 |
| Date: | 23 January 2024 |
| Time: | 1:00PM – 3:00PM AEDT |
| Location: | MS Teams |

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|-----------------------|------------------------|-----------------------|--|
| Kate Goatley | ActewAGL | Sean Harris | Brave Energy |
| Carlo Poliseno | AGL | Siva Sivaprakash | Brave Energy |
| Chris Clarke | AGL | Tennille Pownceby | CitiPower, Powercor & United Energy |
| John Zoch | AGL | Allan Short | CS Energy |
| Rajesh Bikkasani | AGL | Christine Volp | CS Energy |
| Soun Wong | AGL | Gerard Dunne | CS Energy |
| Chris Williams | Alinta Energy | Michael Statham | CS Energy |
| Craig Hamilton | Alinta Energy | Mitchel Taylor | CS Energy |
| Gav Wise | Alinta Energy | Hadi Mostafavi | Endeavor Energy |
| Roy Chaudhuri | Alinta Energy | Simeon Petersons | Endeavour Energy |
| Lori Scarano | Ampol | Cheryle Mcleod | Energy Australia |
| Marian Vasjuta | Ampol | Cheryle Mcleod | Energy Australia |
| Libby Cheng | Arrow Energy | Ranjan Thakur | Energy Australia |
| Renee Tragis | Arrow Energy | Joseph Giddings | Energy One |
| Craig Steele | Aurora Energy | Christine Ward | Energy Q |
| Kevin Bouchard | Aurora Energy | Justin Wearne | Energytiq |
| Vanessa Buxton | Aurora Energy | Adam Spink | Essential Energy |
| Camille Beloria | AusNet Services | Alison Davidson | Essential Energy |
| David Rofe | AusNet Services | Angie Henry-Gawthorne | Essential Energy |
| Justin Betlehem | AusNet Services | Immanuel Alexander | Essential Energy |
| Karthikeyan Bogunuva | AusNet Services | Lauren Macey | Essential Energy |
| Navaneeth Varadarajan | AusNet Services | Melissa Ferris | Essential Energy |
| Rohan Bhosale | AusNet Services | Michael Karanastasis | Essential Energy |
| Stephen Thomson | AusNet Services | Rozalind Bourke | Essential Energy |
| Vannasone Uebergang | AusNet Services | Tim Lord | Essential Energy |
| Sarah Grundy | Brave Energy | Jeff Roberts | Evo Energy |

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|-----------------|--------------------------|-----------------|---|
| Shiv Malhotra | Gentari | Adrian Honey | TasNetworks |
| Arun Sri | Gentrack | Chris Murphy | Telstra Energy |
| Sagar Shah | Hansen | Paul Greenwood | Vector Metering |
| Cliff Senkbeil | Hydro | Dan Hillier | Whit |
| Ben Donnelly | Essential Energy | Lewis Wand | Windlab |
| Victor Sanchez | Iberdrola | Sonia Marmotta | Yuika |
| Dino Ou | IntelliHUB | Wayne Turner | Ausgrid |
| Warren Van Wyk | IntelliHUB | Yvonne Tuckett | Origin Energy |
| Brad Capper | Metropolis | Charmaine Sabay | Australian Energy Market Operator (AEMO) |
| Michelle Kelman | Mondo | Chris Fleming | AEMO |
| Amanda Pollard | Origin Energy | Emily Brodie | AEMO |
| Callum Davey | Origin Energy | Greg Minney | AEMO |
| Karen Tan | Origin Energy | Jim Agelopoulos | AEMO |
| Helen Vassos | PlusES | Jodie House | AEMO |
| Karel Mallinson | Powerlink QLD | Justin Stute | AEMO |
| Nick Gustafsson | Red Energy | Karen Clarke | AEMO |
| Sean Jennings | Red Energy | Karen Wilbrink | AEMO |
| Michael Zhang | SA Power Networks | Lenard Bayne | AEMO |
| Joanne Gordon | SA Power Network | May Cotoner | AEMO |
| Ciro Barbieri | Shell Energy | Monica Morona | AEMO |
| Audrey Follett | Snowy Hydro | Oliver Derum | AEMO |
| Damien Didier | Stanwell | Paul Lyttle | AEMO |
| Suvid Satyawadi | Tally Group | Simon Tu | AEMO |
| Andrew Suwignjo | Telstra Energy | | |

1 Welcome

(Slides 2-4)

- Members welcomed and agenda outlined.
- Participants informed that the meeting will be recorded for the purpose of minute taking only.

2 Actions & Feedback from Previous Meeting

(Slides 5-6)

- All action items were closed.

3 2024 / 2025 Release Summary

Greg Minney (Slides 7-8)

- A high-level summary of external milestones against all in-flight initiatives summarising from the previous period with details outlined on slide 8 of the accompanying slide pack.
- AEMO highlighted that as initiatives are committed for implementation, they are added to the 2024 / 2025 Release Summary.

4 March 2024 Release

Chris Fleming (Slides 9-12)

Progress Update

- An update on the metering Exemptions Automation was provided with the following points raised.
 - MSATS defect release is planned to go into pre-prod on 30 January 2024.
 - Informal Industry testing has commenced and will conclude at the end of January 2024
 - Formal testing will commence 31 January through to 1 March 2024.
 - The draft Go-Live plan for March 2024 was distributed to participants for review and with feedback due 22 January 2024. The final version is planned to be published on 6 February 2024
 - The MSATS deployment for this release will be Sunday 3 March, followed by procedure effective date for Metering Exemptions on Monday 4 March 2024.
- Further details are outlined on slide 10 of the accompanying slide pack.
- No changes were made to the March 2024 milestones timeline.

| Raised By | Question/Comment | Response |
|-------------------------------------|---|---|
| Ciro Barbieri – Shell Energy | <p>AEMO (Metering Exemption / IESS Teams), it seems the changes for Standing Data for MSATs v5.62 effective 4th March have been incorrectly reversed on the v5.7 effective 02 Jun for IESS.</p> <p>The field length for Meter Malfunction Exemption Number has been regressed to VARCHAR2(8) instead of VARCHAR2(15).</p> | <p>Until a consultation has completed i.e. a Final Determination is published, the proposed changes of the consultation are not considered final. V5.7 was approved as Final prior to 5.62 so it reflected the final changes at that point in time. As at 4 March Meter Malfunction Exemption Number will be VARCHAR2(15). This is also reflected in the r42 B2M schema. In these situations, AEMO performs a procedure consolidation process as the effective date approaches to ensure that changes associated to previous consultations are 'consolidated' into an updated version of the document, in this instance v5.71 which would contain the 15 character field length</p> |

5 June 2024 Release

Slides 13-34)

Release Update & Milestone Review

Greg Minney (Slides 16-19)

- AEMO advised since the previous meeting three milestones have been achieved with further details outlined on slide 17 of the accompanying slide pack.
- AEMO noted that the Settlements component of PDSE was made available to industry on 15 December and the BDU component of PDSE is on track. AEMO advised that the draft Data model scripts for PSDE was release on 22 November 2023 with the Market Trail plan release on 18 January 2024.

| Raised By | Question/Comment | Response |
|--------------------------------|--|---|
| Allan Short – CS Energy | The date has moved for EMMS for Pre-Prod. Have there been changes to the testing date (milestone ID IES-218) | Reported date for pre-prod deployment of data model 5.3 have shifted from previous milestone issue.to accommodate dependency with pre-prod data refresh. Milestone table updated and re-issued to clarify |

Pre-Prod Refresh Timing & Approach

Greg Minney (Slides 20-21)

- AEMO outlined the proposed dates an outage timing for the pre prod refresh with detailed information available on slide 21 of the accompanying slide pack. In addition, AEMO outlined the effective dates of refreshes with further information outlined on slide 21 of the accompanying slide pack. AEMO noted that further settlement runs will be re executed in MSATS to align data in the wholesale system.
- It was noted that the refresh needs to be scheduled immediately after the Metering Exemptions Industry test to enable sufficient time and metering data to be available to perform the IESS Market Trials.

Contingency Approaches & Trigger Points

Greg Minney (Slides 22-24)

- AEMO provided details for the contingency approach for the IESS June release with detailed information outlined on slide 23 and 24 of the accompanying slide pack. AEMO are seeking feedback on the identified IESS contingency scenarios and proposed approach.

Industry Readiness Update

Emily Brodie (Slides 25-29)

- AEMO provided an IESS readiness update since the previous Implementation forum meeting. Key activities are outlined on slide 26 of the accompanying slide pack. In addition, AEMO outlined upcoming activities that will take place before the next Implementation forum meeting with details outlined on slide 27 of the accompanying slide pack.
- AEMO provided an update on IESS transition plan with detailed information available on slide 28 of the accompanying slide pack. AEMO anticipate publishing the final transition plan on 31 January 2024.

| Raised By | Question/Comment | Response |
|-------------------------------|--|--|
| Wayne Turner - Ausgrid | Where 2 NMIs are going to 1, is AEMO updating NMI status to X of the one no longer required? | Part of the process to move BDUs to a single NMI, the transition will include updating the existing Generator NMI to reflect the BDU changes and set the existing Load NMI to Extinct ('X'). The update will be completed in-line with the affected market participants. |

Market Trial Planning

Chris Fleming (Slides 30-33)

- AEMO are seeking feedback on the Market Trail strategy by 2 February 2024 and can be emailed to IESS@aemo.com.au. Detailed information is available on slides 31, 32 of the accompanying slide pack.

| Raised By | Question/Comment | Response |
|------------------------------------|--|--|
| Tim Lord – Essential Energy | The transition plans imply that market participants apply to AEMO, and then they will apply the new NCC values as part of the "AEMO to apply code to as part of BAU registration process. However, the CATS Procedures implies that the LNSP is responsible for NCC standing data. Is it correct that the LNSP can / should only set the NCC values (LARGE, SMALL, NREG) and only AEMO can send the NCC values TRIS, DRIS, DGENERATOR? | Correction to details provided at the Implementation forum. AEMO will be responsible for assigning the NMI Classifications for GENERATR, DGENERATR, TIRS or DIRS, where the NMI is classified in conjunction with a Participant registration process. |

6 August 2024 Release

Greg Minney (Slides 35-41)

SCADA Lite – Scope/Context/Milestones

- AEMO provided a brief update on the status of the SCADA lite release with key activities outlined on slide 41 of the accompanying slide pack.
- External Milestones and activities will be confirmed for this initiative, with go-live expected in 3rd quarter 2024

7 September 2024 Release

Greg Minney (Slides 42-45)

Retail Improvements – Scope & Timings / Milestones – including Spec timings

- AEMO advised that the final report for the procedures has been published. Detailed information relating to the September 2024 release is outlined on slides 43, 44 and 44 of the accompanying slide pack.
- AEMO noted that the retail improvements release is scheduled for 29 September 2024 with procedure effective dates for in scope ICF's in September and November.
- AEMO will confirm milestone dates for this release within the next period

8 December 2024 / June 2025 FPP Release

Progress Summary

Oliver Derum (Slides 47-52)

- AEMO provided a brief on the FPP technical design with key information outlined on slide 47 of the accompanying slide pack.
- AEMO advised that the overall status is Green. Further information on the FPP release is available on slide 50 of the accompanying slide pack. AEMO noted that the readiness approach for non-financial operation including participant test support requirements will be provided on 1 February 2024.
- AEMO advised that a FPP Year Ahead webinar is planned for 23 February 2024 with invites to be issued soon. Participants who attend the Implementation Forum will receive this invite.

Industry Readiness Approach

Karen Wilbrink (Slides 53-59)

- AEMO provided an overview of the FPP industry readiness approach with key activities outlined on slide 54 of the accompanying slide pack. In addition, AEMO outlined further context on the FPP readiness approach with detailed information for each stage outlined on slides 57 and 58 of the accompanying slide pack.
- AEMO advised that the initiative readiness approach including the proposed approach for each readiness element of the framework will be published on the 1 February 2024.

9 Other Initiatives

IDAM, IDX & Portal Consolidation Business Case Process

(Slides 60-63)

- Taken as read.

10 Stakeholder Engagement

Monica Morona (Slides 64-66)

Stakeholder Sentiment Survey – Verbal Update

(Slide 65)

- AEMO provided members with results from the recent Stakeholder Sentiment Survey. Further information and findings are outline on slide 65 of the accompanying slide pack.

Upcoming Engagements

(Slide 66)

- NEM Reform program meeting schedule was provided.

11 General Questions and Other business

(Slide 67)

Queries and feedback may be sent to NEMReform@aemo.com.au.

OPEN ACTION ITEMS

(Item = Meeting # – Agenda # – Reference)

| Item | Topic | Action | Responsible |
|----------|---------------------------------------|---|--------------|
| 17.8.0.1 | December 2024 / June 2025 FPP Release | Participants to forward feedback and/or request clarification on the proposed readiness approach by emailing FPPconsultation@aemo.com.au . | Participants |

CLOSED ACTION ITEMS

(Item = Meeting # – Agenda # – Reference)

| Item | Topic | Action | Responsible |
|----------|-----------------------|---|-------------|
| 16.5.0.1 | November 2023 Release | AEMO to assess the volume of NMIs without a structured address in MSATS and consider LNSP reporting | AEMO |