

5MS Industry Testing Working Group (ITWG)

Meeting Notes

MEETING: 4
 DATE: Wednesday 25 March 2020
 TIME: 10:00 AM – 12:00 PM
 LOCATION: Webex

Attendee	Organisation	Location
Andrew Peart	AGL	WebEx
Gail Mitchell	AGL	WebEx
Subhra Sekhar Kar	AGL	WebEx
Jaya Mukherjee	Alinta	WebEx
Vesna Dulovic	AusNet	WebEx
Dino Ou	Endeavour Energy	WebEx
Nicole Bright	Energex	WebEx
Mark Briordy	Energy Australia	WebEx
Om Yadav	Energy Australia	WebEx
Andrew Lenga	Engie	WebEx
Drew Pass	Engie	WebEx
Sharleen Flanagan	ERM Power	WebEx
Dickson Abeydeera	Jemena	WebEx
Matthew Mullen	Jemena	WebEx
Sreeni Srirangam	Metering Dynamics	WebEx
Greg McLeod	Origin Energy	WebEx
Frank Sama	PlusES	WebEx
Audrey Follett	Snowy Hydro	WebEx
Adrian Honey	Tas Networks	WebEx
Raj Adyanthaya	Vector	WebEx
Jonesda		
Abel Lee	AEMO	WebEx
Amit Kumar	AEMO	WebEx
Anne-Marie McCague	AEMO	WebEx
Armando Estrella	AEMO	WebEx
Greg Minney	AEMO	WebEx
Scott Maskiel	AEMO	WebEx
Vamsi Kandimalla	AEMO	WebEx
Vishnu Vijayan	AEMO	WebEx

Note: some attendees may not have been identified. Please advise via email to 5ms@aemo.com.au if you attended the meeting but have not been noted above.

1.0 Welcome – Vishnu Vijayan (Slides 1 - 2)

Attendees were welcomed to the Fourth Industry Testing Working Group (ITWG).

2.0 Open actions – Vishnu Vijayan (Slide 3)

AEMO provided an update on the open action items from previous ITWGs.

Action item 2.5.1, the update is that the test plan is yet to be prepared. However, the release scopes are presented in ITWG for discussion. Scope of release 3 was presented in ITWG #3 and scope of release 4 is presented in ITWG #4. An updated scope for release 3, merging MDM and B2M via APIs was included in the agenda for ITWG #4 and was presented. This approach is considered to provide enough time for discussions and to prepare the test plans based on the discussion outcomes. This approach will also help us in reducing the number of amendments to the test plan.

Action item 2.6.1, update for ITWG is that AEMO's performance testing team prepared and presented the Performance Test Strategy to internal stakeholders. It is currently being updated to include the feedback. ITWG will be able to provide the timelines in ITWG #5 and will keep this item open until ITWG #5.

Action item 3.4.1, Updated scope of release 3, including B2M via APIs was presented in ITWG #4.

Action item 3.4.2, RM reports will be generated based on the meter reads received. Report will show data at Net stream level if the meter reads are received at the Net stream level that is registered in CND5 table.

Action item 3.4.3, an email was sent to ITWG participants on 17-Mar-2020 with the list of RM reports.

Action item 3.4.4, a discussion item added to the agenda of ITWG #4 and was discussed.

Action item 3.4.5, AEMO updated that there are no impacts to BAU activities if participants switch to the latest schema before 5MS go-live. aseXML schema is backward compatible and will support existing functionalities.

Origin, Alinta and AGL enquired if the participants need to upgrade the schema for 5MS go-live. AEMO answered that the schema upgrade is required for 5MS go-live as it will enable the participants to use the new NMI classification codes and the updated Reports changes.

Action item 3.4.6, an update was provided to participants that the AEMO team is awaiting confirmation from IEC about the date discrepancies in the effective dates of B2B procedure, MSATS Standing Data with Release 3. AEMO will provide an update via email as soon as we hear from internal teams.

Action item 3.4.7, AEMO updated that the go-live date for Customer Switching will be confirmed on 31-March-2020. AEMO will provide an update as soon as the date is confirmed.

Action item 3.4.8, a discussion item added to the agenda of ITWG #4 and was discussed.

Action item 3.6.1, AEMO updated that the EMMS data in staging environment is the production data as at 22-February-2020.

3.0 Release 1 – Reallocations – Vishnu Vijayan, Amit Kumar (Slides 4 – 5)

AEMO provided an update of Industry Testing of Reallocations release. AEMO mentioned that an issue related to alerts and email was identified in Pre-Prod and the fix for the issue was already deployed. Release 1 will be going live as planned on 1-Apr-2020.

4.0 Release 3 – MDM and B2M APIs – Vishnu Vijayan (Slides 6 - 10)

Scope of Release 3 was updated to include the B2M via APIs functionality and the updated scope was presented. Industry test scope for MDM and B2M via APIs as mentioned in the Industry Test Strategy document was presented and walked through.

Origin energy pointed out that the dates planned for Industry Testing don't align with the dates mentioned in the 5MS key dates document. Also asked to confirm the end date for Industry Testing of release 3 is 01-Dec-2020 (Action 4.4.1). AEMO mentioned that the dates are currently set to 01-Dec-2020. Also that the dates will be revisited and adjusted if required (Action 4.4.2).

Origin energy enquired about PMS reports. AEMO clarified that PMS reports are in fact RM reports that are used for Performance Monitoring and accessed by Metering participants.

Action 4.4.1: AEMO to confirm the Industry Testing end date for Release 3.

Action 4.4.2: AEMO to check if the Industry Testing start and end dates need realignment with dates mentioned in other industry documents.

5.0 Release 4 – Settlements and Dispatch & Bidding – Armando Estrella, Vishnu Vijayan, Scott Maskiel (Slides 11 - 24)

Scope of Release 4 – Settlements, Dispatch and Bidding as mentioned in the Test Strategy document was presented and walked through. AEMO updated that some participants are already using the staging environment to test the release 4 functionalities. Participants are encouraged to use the staging environment for testing the Bidding and Dispatch functionality via FTP, API and browser.

ERM Power enquired if there is any benefit of testing in Staging if a participant is not ready with changes. AEMO mentioned that the participant can access staging environment when they are ready with the changes.

ERM also enquired if AEMO could provide an indication of the participation rate of testing in Staging environment. AEMO mentioned that around ten participants are accessing staging environment at the participant ID level.

Alinta enquired the benefit of adding the interval length column as the data model is backward compatible. AEMO responded that the addition of interval length column is based on the request from participants in the settlement reconciliation forum to identify the settlements runs associated to 30-min and 5-min data. This indicator need not be used but it is there for participants who choose to use.

Origin energy mentioned if AEMO could provide a view about if more time is required to test Release 4 as only 3-4 weeks are allocated currently. AEMO took an action item to review the testing window allocated for Release 4 (Action 4.5.1). Also mentioned that the IT focus groups will define the test scope for the release and hence the testing window might be sufficient.

Action 4.5.1: AEMO to review and confirm if the testing window for Release 4 is adequate.

6.0 Discussion on testing Settlement files in Release 3 – Vishnu Vijayan, Scott Maskiel (Slides 25 - 26)

AEMO updated that this discussion item is included based on the action item 3.4.8 from ITWG #3. Based on the internal discussions it has been identified that the settlement run can be tested in Release 3. Settlement run and subsequent invoices will be generated on the current settlements solution as it is in production when release 3 goes live. AEMO also mentioned that the tests need to be performed again in release 4 against the new settlements solution.

Alinta enquired if a participant can test settlements in release 4 if they are not ready during release 3. AEMO advised that the staging environment is relatively static and should have 30 min settlement runs and then 5min settlement runs and global settlements run. Settlement files should be available there ready for participants to consume. If a participant is not ready during release 3 or in staging, it is possible to test in release 4.

7.0 Metering transition – Industry Testing – Greg Minney (Slides 27 - 33)

AEMO mentioned that this discussion item is added as per the action item 3.4.4. from ITWG #3. Key principles and focus areas of Metering transition plan is explained and mentioned that the ITWG focus groups for release 3 will consider the transition focus areas during the test scenario identification and planning.

AGL enquired if any CATS transactions will be received for datastream updates. AEMO answered that the applicable CATS transactions will be send out when the participants update the datastreams using CATS change requests.

8.0 March Staging Release for Settlements – Vishnu Vijayan (Slides 34 - 38)

AEMO provided updates on Staging environment. Explained different dropped to staging environment from retail, settlements and dispatch & bidding streams. Provided an update on the Settlements package that was deployed on 16-Mar-2020. Explained the activities and their schedule planned in the staging environment for the Settlements solution. Also mentioned that there will be Q&A sessions organised to review the results from staging activities.

Engie enquired the availability of settlement calendars and date ranges in Staging environment. AEMO updated that the calendar for reallocations are already available. Also requested to send email to 5ms mailbox if any clarification is required.

9.0 Release 3: Test Planning activities – Focus Group – Vishnu Vijayan (Slides 39 - 40)

AEMO explained the purpose of the ITWG focus group and the activities the focus group will perform. AEMO requested participants across various NEM roles to send out their nomination by 10-Apr-2020 if they are interested in participating and representing NEM roles in the ITWG focus group. First ITWG focus group is planned to be scheduled for 24-Apr-2020.

Alinta requested to consider the scenarios provided by Alinta for release 2 to be included in the scope for release 3. AEMO agreed.

Action 4.9.1: AEMO to send out nomination request email for ITWG – Focus Group.

10.0 Forward Meeting Plan – Vishnu Vijayan (Slides 41 - 44)

AEMO presented the proposed scheduled for upcoming ITWG meetings. Also mentioned that the walk through of test plan for release 3 will be added into the agenda for ITWG #5.

Origin enquired the updated dates for IT test plans to be available. AEMO took this as an action item to provide the update. (Action 4.10.1).

Action 4.10.1: AEMO to provide the updated dates for releasing IT test plans.

Attendees were thanked for their attendance and advised of future ITWG meetings and the methods to engage with 5MS program.

Further information on the 5MS program, and a calendar of all meeting and forum dates can be found via the following link: <http://aemo.com.au/Electricity/National-Electricity-Market-NEM/Five-Minute-Settlement>.



Item	Topic	Action required	Responsible	By
4.4.1	Release 3 – MDM and B2M APIs	AEMO to confirm the Industry Testing end date for Release 3.	AEMO	29-Apr-2020
4.4.2	Release 3 – MDM and B2M APIs	AEMO to check if the Industry Testing start and end dates needs realignment with dates mentioned in other industry documents.	AEMO	29-Apr-2020
4.5.1	Release 4 – Settlements and Dispatch & Bidding	AEMO to review and confirm if the testing window for Release 4 is adequate.	AEMO	29-Apr-2020
4.9.1	Release 3: Test Planning activities – Focus Group	AEMO to send out nomination request email for ITWG – Focus Group.	AEMO	03-Apr-2020
4.10.1	Forward Meeting Plan -General	AEMO to provide the updated dates for releasing IT test plans.	AEMO	29-Apr-2020