

5MS Industry Testing Working Group (ITWG)

Meeting Notes

MEETING: 1
 DATE: Thursday 12 December 2019
 TIME: 11:00 AM – 2:00 PM
 LOCATION: AEMO Office Melbourne and by Webex

Attendee	Organisation	Location
Adrian Honey	TasNetworks	Melbourne
Alex Alexander	AEMO	Melbourne
Amit Kumar	AEMO	WebEx / Dial In
Andrew Peart	AGL	Melbourne
Anne-Marie McCague	AEMO	Melbourne
Audrey Follett	Snowy Hydro	WebEx / Dial In
Cathy Nguyen	Powercor	Melbourne
Damien Banky	AGL	Melbourne
Dickson Abeydeera	Jemena	Melbourne
Dino Ou	Endeavour Energy	WebEx / Dial In
Emily Brodie	AEMO	Melbourne
Frank Sama	PlusES	Melbourne
Greg McLeod	Origin Energy	Melbourne
Greg Minney	AEMO	Melbourne
Jacob Lee	Energy Queensland	WebEx / Dial In
Jaya Mukherjee	Alinta Energy	Melbourne
Nicole Bright	Energy Queensland	WebEx / Dial In
Parineeta Shetty	Citipower	Melbourne
Raj Adyanthaya	Vector Metering	Melbourne
Rajiv Balasubramanian	Jemena	Melbourne
Sharleen Flanagan	ERM Power	WebEx / Dial In
Sreenivasa Srirangam	Metering Dynamics	WebEx / Dial In
Steve Smith	Metering Dynamics	WebEx / Dial In
Subhra Sekhar Kar	AGL	Melbourne
Suraj Vittala	IntelliHub	WebEx / Dial In
Tui Grant	AEMO	Melbourne
Varun Dewan	ENGIE	Melbourne
Vesna Dulovic	Ausnet	Melbourne
Vishnu Vijayan	AEMO	Melbourne

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 – Emily Brodie (Slides 1 - 5)

Attendees were welcomed to the first Industry Testing Working Group (ITWG). Presented the organisation structure of key AEMO contacts in 5MS/GS and introduced the AEMO testing team. Attendance was captured.

2.0 Re-cap on 5MS and GS – Emily Brodie (Slides 6 - 12)

AEMO provided a re-cap on 5MS and GS explaining the purpose of rule, key areas affected, important dates and what AEMO and participants need to do.

No questions were asked.

3.0 Purpose, Expectations and Logistics – Tui Grant (Slides 13 - 19)

AEMO provided a walkthrough of all forums related to 5MS/GS and explained how different working groups work together and how and ITWG discusses .

AEMO explained the purpose and objectives of ITWG. Scope of ITWG, expectations from ITWG, like monthly meetings, preparation required by participants are also explained to the participants. Escalation matrix for raising any issues are explained as well.

Discussed the proposed approach for developing the test plans for each IT cycles. This also highlighted the points to be considered while planning, executing and reporting in IT cycles.

No questions were asked.

4.0 Industry Testing and Market Trials Strategy – Tui Grant (Slides 20 - 25)

AEMO provided an overview of the Industry Testing and Market Trials strategy. Discussed about the test environments, test objectives, test execution approach, test tool, defect management process and test communications etc.

Discussed about the different deliverables from ITWG and about the test plan for B2M APIs. Proposed dates for the deliverables are also discussed.

AGL queried the reason for planning market trials for Global Settlements after 1 July 2021. Also pointed out that the participants will be able to monitor the UFE results in production after 5MS goes live. AEMO provided clarification stating the current plan allows prioritisation of activities for participants and allows ensuring complete readiness for GS. AEMO also pointed out that the proposed dates will allow industry to use data from production after 5MS going live and that will support accurate testing of GS.

AEMO noted that point 5 in slide 21 (Overview) should be read as 5 Minute Settlements and UFE calculation.

Origin energy indicated their agreement to AGL's suggestion of including the GS testing along with 5MS market trials. Also, pointed out that the systems and changes to test GS will be available during 5MS testing and it would require data that supports testing.

AEMO suggested that the current plan for GS testing can be re-visited during early 2020 and the scheduled dates may be changed based on feedback and answers from participants and other focus groups.

AGL suggested that the market rials for 5MS and GS should test calculation and reconciliation of UFE. Origin pointed out that the accuracy of test results is depended on the distributors updating the latest data in MSATS.

Action 1.4.1: ITWG members to discuss with their project team when they expect to be in apposition to test GS as the ITWG is reviewing the earliest possible start time for this particular activity and will base it on participant readiness.

AEMO mentioned about volume testing requested by some participants in other 5MS forums and updated that a risk item is raised in RWG for the same and also the overall performance testing is an item discussed in RWG. It is also pointed out that the volume testing at an industry level may not be practical if the goal of each participant from this testing is different. AEMO also pointed out that the metering participants may not be able to generate the meter data to support the volume testing. AEMO is planning to build a tool that will be used in test data generation for internal testing purposes.

Origin energy queried if participants will get a visibility of AEMO's performance test results. AEMO mentioned about non-functional testing performed in previous projects and how the results were made available to participants. Also suggested that test summary reports will be made available to the ITWG and if required the same can be done for test plans as well. AEMO also mentioned that they will try to find out if the performance test results from previous projects like POC can be accessed to share with ITWG.

Origin energy also queried about the timelines proposed for AEMO's performance testing.

Origin energy queried if AEMO will be providing data for GS market trials and AEMO responded that the 19k NMIS will be live before GS market trials and providing data for all meters for testing needs to be planned as a group during the test planning.

AGL queried about the time period available in pre-prod environment for each release and AEMO clarified that the functionality will be in pre-prod 4 weeks before the production go-live date.

AEMO mentioned about a potential change in the test management tool and AGL queried if the same will be updated in the test strategy if the new tool is finalised. AEMO answered that the update will be done if the tool change is finalised.

As a response to a query by Origin energy, AEMO mentioned that the participant mapping for the market trials and industry testing will be done as part of the test planning activities as a group in ITWG. Testing of AS-IS scenarios and cut-over scenarios etc will be planned in the ITWG workshops before the test cycle.

As a response to Origin's query about making the test plans available earlier than planned, AEMO highlighted the dependency on RWG and other forums from ITWG in finalising the test plans. Also, the dependency on platform readiness and transition plan. AEMO suggested participants to check with their readiness representatives about their transition plan. AEMO also suggested that the delivery timelines for the test plans can be re-visited at a later point of time. It was also pointed out that all the dates in the strategy are indications only.

5.0 Release 1: B2M APIs – Tui Grant (Slides 26 - 27)

AEMO provided an overview of the changes introduced by Release 1, B2M APIs and also mentioned that the proposal of invitation IT is accepted by participants.

Action 1.5.1: ITWG members to nominate themselves for IT of Release 1: B2M via APIs if they are interested in participating.

Alinta energy asked about the due date for the above action item and AEMO suggested it to be early Jan'20.

Origin asked about if AEMO can provide any updates on the proposed aseXML schema changes. AEMO responded that the changes will be aligned to a BAU release as mentioned in SWG.

6.0 Release 2: Reallocations – Tui Grant (Slides 28 - 29)

AEMO provided an overview of the changes introduced by Release 2 for Reallocations. Also provided an update on the Reallocations functionality in staging environment and how some participants are using the environment efficiently.

AGL asked about the methods for notifying any defects encountered in Staging environment and AEMO confirmed that all defects can be send to 5MS mailbox. Alternatively, participants can contact AEMO helpdesk or directly contact Tui or AEMO test leads.

7.0 Forward Meeting Plan – Tui Grant (Slides 30 - 35)

AEMO presented the proposed content for upcoming ITWG meetings.

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
1.4.1	Test strategy > Overview	ITWG members to discuss with their project team when they expect to be in apposition to test GS as the ITWG is reviewing the earliest possible start time for this particular activity and will base it on participant readiness.	ITWG	29-Jan-2020
1.5.1	Release 1: B2M APIs	ITWG members to nominate themselves for IT of Release 1: B2M via APIs if they are interested in participating	ITWG	03-Jan-2020