Meeting Notes
Power of Choice – Industry Test Working Group

MEETING:	Power of Choice – Industry Test Work Group
DATE:	Wednesday, 5 April 2017
TIME:	10:30am – 2:30pm
LOCATION:	Melbourne, Sydney, Brisbane and teleconference
MEETING #:	3

ATTENDEES:

NAME	COMPANY
Tim Sheridan	AEMO (Chair)
Amale Yamak	AEMO
Matthew Stuchbury	AEMO
Samudra Arachchige	AEMO
Sumathi Chatna	AEMO
Noura Elhawary	AEMO
Jennifer Fikret	AEMO
Peter Almonte	ActewAGL Distribution
Tim Walker	ActewAGL Distribution
Alena Chia	Active Stream Pty Ltd
Daniel Paterson	Active Stream Pty Ltd
Jonathan Ganley	Agility
Andrew Peart	AGL Energy Limited
Sanhita Dutta	AGL Energy Limited
Sandra Jones	Alinta Energy Retail Sales
James Rowbottom	Aurora Energy
Paul Willacy	Aurora Energy
Jennifer Brown	Ausgrid
Peter Gilligan	Ausgrid
Anil Ramakrishnah	AusNet Services
Donna Kyle	AusNet Services
Shikha Gupta	Brave Energy Systems
Sarah Palmer	CovaU
Anna Russo	Endeavour Energy
Jackie Mayo	Energex Limited
Charles Coulson	Energy Australia
Steven Tadic	Energy Australia
Vishnu Vijayan	Energy Australia
Gurvir Singh	Energy Australian Energy Market Operator
Martin Andonovski	Ergon Energy
John Snow	Ergon Energy
Claire Tamplin	ERM Power Limited
Debbie Voltz	Essential Energy

Craig Taylor	Hansen Technologies
Ferouza Saran	Jemena Electricity Networks
Clinton Gadsden	Lumo Energy
Ray Lynch	Lumo Energy
Jaya Mukherjee	Lumo Energy
Josh Allen-Nelson	Metering Dynamics
Chantal Wright	Momentum Energy
Abhijit Gharde	Origin Energy
Ciro Barbieri	Origin Energy
Jason Groom	Origin Energy
Malcolm Hempel	Pacific Hydro
Gaz Dongol	People Energy
Raymond Huisman	Powercor
Brendan Jones	Powercor
Joseph Warda	Powermetric
Tammy Flannagan	SA Power Networks
Neville Lewis	Select Data and Measurement Solutions
Chris Reilly	Stanwell Corporation
Adrian Honey	Tas Networks
Brian Oliver	TasNetworks
Ben Davidson	United Energy Distribution
Tony Cartwright	United Energy Distribution
Paul Greenwood	Vector AMS

Meeting Notes (red text highlights action items)

1. **Industry Test Strategy (version 0.2)**

    - Amale Yamak presented the second draft the second draft of the Industry Test Strategy.

    - Questions and comments from the ITWG at the meeting included:

        o 2.3.5   Bilateral transactions – agreement needs to be made on file formats and if it would be beneficial to include them in the Test Strategy. Currently, this is not part of industry testing, however, participants can test with another counterpart participant outside of industry testing.

        o When will the SMP Tech Guide be released? The draft will be released on 17 April. The content being worked on by the SWG will include web services technical guide, however, API will be sourced and LVI.

        o R35 & R36 – transaction acknowledgement – What will this impact and clarity is sought on the operations of acknowledgement with participants. M. Stuchbury noted acknowledgements will not be changing within the schema.

        o Is Network billing in scope? This will need to be considered and was raised by AGL. The PCF have requested AEMO to list some items that are out of scope. The timeframe for answer/classification is unknown. AEMO to clarify if network billing is out of scope in the industry test strategy.

<u>Assumptions</u>

o Test registration form to be uploaded available separately on the ITWG webpage.

o AEMO noted that none of the test phases are mandatory. However, participants were strongly encouraged to participate in all phases of testing.

o Is there a contingency for testing to be conducted outside the allocated test execution timeframes? AEMO recommended participants include in the Readiness Report if they cannot participate in any testing cycles.

o How often will AEMO perform any data refreshes during these cycles? AEMO indicated it will endeavour to minimise the number of data refreshes, with one scheduled just prior to phase one and another prior to market trial around mid-August.

o Will data refreshes and alignments across industry be included in the strategy or plan? The last data refresh was 30 March and the next one can be discussed in working groups. AEMO to provide further details on the data refresh prior to the industry testing dates as they are required in the next few weeks to allow for planning and for participants to align internal to AEMO's refresh pre-production date.

<u>Milestones</u>

o Participants indicated that they want to see specific testing cycle dates and milestones in the industry test strategy. AEMO will update the Test Strategy will update the milestone dates and update the Test Plan, testing cycles dates.

o EN/MC test execution timeline need to be updated. Currently scheduled to commence from April to July. AEMO indicated it would update the EN/MC test execution timeline and milestones in the industry strategy to reflect the commencement of phase 1 in May.

o Some participants indicated they would like to see non-functional testing in scope exclusion. Should participants would be privy to AEMO's internal non-functional testing results? AEMO indicated that it won't be communicating its own internal non-function testing results and will ensure all internally testing internally is completed before the pre-prod environment goes live.

o AEMO to confirm when daily meetings will commence, including scope and approach for how these meeting will be run. Currently, it was agreed to have a morning and afternoon meetings just for the initial testing phase until the process is cemented.

o 6.4.3 Configuration Management – Industry Testing Manager will keep record of participant software build versions. The group agree this detail was not required and could be removed.

o Entry Exit criteria – end to end and UAT results will be reviewed internally. AEMO indicated it would add end-to-end and remove UAT.

o The forum was asked what if entry and or exit criteria is not met and will this stop testing? This will need to be on a case by case basis with guidance from the ITWG.

o Participant IDs will need to be assigned by AEMO before new participants can participate in testing. This includes e-hub accreditation before they go participants can commence SMP testing.

o Will there be communication when updates are made to the pre-production environment? AEMO informed the group there will always be notification and release notes. Defects will be discussed through the ITWG and planned steps to solve them. AEMO indicated it would include details on suspension and resumption of updates to the pre-prod environment.

o Risks and issues raised from testing and will be captured in the PCF Program Risks and Issues Register. Testing related risks and issues will be communicated by AEMO to ITWG participants.

2. EN/MC Test Plan (version 0.2)

- Sumathi Chatna presented the second draft of the EN/MC Industry Test Plan.
- Questions and comments from the ITWG at the meeting included:
  - AEMO to the align dates in the EN/MC test plan with the dates in the industry test strategy.
  - What's the timeline for new participants to register? Specifically new participants that need ID's to be established? AEMO indicated it would confirm these details in the plan.
  - To access MSATS is a user name and password required? AEMO noted these details would be provided during accreditation and pre-production assessment.
  - What impact will the B2B schema changes on R36 (arriving in June) have on EN/MC testing? AEMO indicated it does not anticipate any impact.
  - Industry Test Cycles – Do cycle 1, 2 and 3 have different functionality? No in terms of EN/MC requirements, code from AEMOs point of view would be there from day one.
  - Appendix A Registration Form. The group agree a separate registration form would be need to be raised for each phase of testing.
  - AEMO confirmed there be separate test plans for phase 2 (B2B industry test) and phase 3 (market trial)?
  - A final date for submitting registration for EN and MC was requested – extended through to 20th April. If the registration is not submitted, participants may not be eligible to participate in phase 1 testing. There may be a risk that participants may not have someone to test with. AEMO will be scheduling test cycles in advance. AEMO needs to be advised who will be registering in order to organise the testing calendar (schedule). It is important to keep communication lines open between AEMO and participants.
  - Entry criteria – copy of production data at a certain point in time will be communicated to all participants.

3. EN/MC Test Workbook (version 0.2)

- Sumathi Chatna and Samudra Arachchige presented the second draft of the EN/MC Test Workbook.
- Questions and comments from the ITWG at the meeting included:
  - What are the new roles in first tab of the work book for EN MC? Is an EN Manager a role? Yes it is. RP in MSATS will always be Metering Co-ordinator. LNSP is the EN Manager.
  - The group discussed the best way to review the workbook. It was suggested to have an end to end scenario, which will give the vanilla flavour, and from there have different scenarios. Following this, there is a need to break down roles and it can be difficult to do this in a group this size. Option 1 would be to do it as a smaller focus group, line by line then return to the ITWG group with changes or option 2 would be a larger existing ITWG and go through them as a larger group with consensus.
  - AEMO indicated it would re-send version 0.2 of the workbook.
  - Scenario Options tab - AEMO to add dependencies into version 0.3 of the workbook including any updates from the industry feedback.
  - Feedback - if there are high or low priority test case scenarios they need to send through the POC email mail box address. There is a fair bit of co-ordination required for test case/scenarios from the industry participant's to go through and assist in the creation of the test steps. AEMO will upload into HP QC and created a folder structure.

3. Next Meetings (details to be confirmed)

- POC-ITWG: 28 April 2017(via teleconference and webinar)
- POC-ITWG: 12 May 2017 (in person at AEMO's Melbourne offices)

4. Actions Summary

- Post meeting actions for the POC-RWG are summarised below.

Item	Topic	Action required	Responsible	By
1	Draft documentation	Resend latest drafts of the industry test strategy, EN/MC industry test plan and workbook to the ITWG for review	AEMO	4-Apr-17
2	Industry Test Strategy	Send feedback to AEMO via POC inbox	ITWG	12-Apr-17
3	Industry Test Strategy	Confirm if network billing is out of scope	AEMO	21-Apr-17
4	Industry Test Strategy	Upload test registration form on the ITWG webpage.	AEMO	21-Apr-17
5	Industry Test Strategy	Specify dates for pre-production data refreshes	AEMO	21-Apr-17
6	Industry Test Strategy	Confirm when daily ITWG meetings will commence and how meetings will be run	AEMO	21-Apr-17
7	EN/MC Test Plan	Ensure start and end dates for EN/MC test cycles align with the industry test strategy	AEMO	21-Apr-17
8	EN/MC Test Plan	Confirm date for participants to register for EN/MC testing	AEMO	21-Apr-17
9	EN/MC Test Plan	Send feedback to AEMO via POC inbox	ITWG	12-Apr-17
10	EN/MC Test Workbook	Send feedback to AEMO via POC inbox	ITWG	12-Apr-17