

5MS and GS Program Consultative Forum – Meeting Notes

MEETING: Program Consultative Forum #32
 DATE: Friday, 23 April 2021
 TIME: 10:00 AM – 12:00 PM
 LOCATION: Webex

Attendees

Attendee	Organisation	Location
Peter Carruthers (Chair)	AEMO (Chair)	Remote - WebEx
Anne-Marie McCague	AEMO	Remote - WebEx
Blaine Miner	AEMO	Remote - WebEx
Carol Bosnjak	AEMO	Remote - WebEx
Graeme Windley	AEMO	Remote - WebEx
Greg Minney	AEMO	Remote - WebEx
Jim Agelopoulos	AEMO	Remote - WebEx
Liz Bernhardt	AEMO	Remote - WebEx
Monica Narayan	AEMO	Remote - WebEx
Peta Hatzikides	AEMO	Remote - WebEx
Rowena Leung	AEMO	Remote - WebEx
Collette Reedy	Actewagl Retail	Remote - WebEx
Prabpreet Calais	AEMC	Remote - WebEx
Craig Oakeshott	AER	Remote - WebEx
Joanna Gall	AER	Remote - WebEx
Sam Markham	AER	Remote - WebEx
Sue Richardson	AgilityCIS	Remote - WebEx
Tristan Whitley	AgilityCIS	Remote - WebEx
Mike Stockley	AGL	Remote - WebEx
David Rundell	Alcoa	Remote - WebEx
Shane Murray	Arrow Energy	Remote - WebEx
Wayne Turner	Ausgrid	Remote - WebEx
Stephen Thompson	Ausnet Services	Remote - WebEx
David Jenkins	CS Energy	Remote - WebEx
Edmund Hon	Edify	Remote - WebEx
Ramesh Khadka	Electranet	Remote - WebEx
Dino Ou	Endeavour Energy	Remote - WebEx
Andrew Fooks	Energy Australia	Remote - WebEx
Cameron Bath	Energy Australia	Remote - WebEx
Mai Huynh	Energy Australia	Remote - WebEx
Nicole Bright	Energy Queensland	Remote - WebEx
Steve Blair	Energy Queensland	Remote - WebEx

Linda Whatman	Ergon	Remote - WebEx
Jeff Roberts	Evo Energy	Remote - WebEx
David McKenzie	Flow Power	Remote - WebEx
Anthony Croce	Infigen Energy	Remote - WebEx
Natalie Junge	Infigen Energy	Remote - WebEx
Robert Lo Giudice	Intellihub	Remote - WebEx
Joseph Lyttleton	Jemena	Remote - WebEx
Rajiv Balasubramanian	Jemena	Remote - WebEx
Nick Gustafsson	LUMO	Remote - WebEx
Cindy Matthews	Metering Dynamics	Remote - WebEx
Suresh Maguluri	Mondo	Remote - WebEx
Fergus Stuart	Origin Energy	Remote - WebEx
Linda Brackenbury	Plus ES	Remote - WebEx
Eugene Tverdolov	Powercor	Remote - WebEx
Dean Knight	Powerlink Queensland	Remote - WebEx
Karel Mallinson	Powerlink Queensland	Remote - WebEx
David Woods	SA Power	Remote - WebEx
Audrey Follett	Snowy Hydro	Remote - WebEx
Justin Stute	Spotless	Remote - WebEx
Owen Self	Stanwell	Remote - WebEx
Rossi Mangano	Stanwell	Remote - WebEx
Adrian Honey	Tasnetworks	Remote - WebEx
Paul Gazzignato	Tasnetworks	Remote - WebEx
Danii Upham	Yurika	Remote - WebEx
Matthew Kennett		Remote - WebEx
Rich O'Conner		Remote - WebEx
Sam Martin		Remote - WebEx

1. Welcome, Introduction, Attendance and Apologies – P. Carruthers (slides 2 - 4)

AEMO noted that the meeting was being recorded for the purposes of preparing meeting notes and requested for dial-in attendees to email 5ms@aemo.com.au for inclusion on the attendees list. The meeting notes for the previous PCF held on 18 March 2021 were confirmed.

2. Minutes and Actions from Previous Meeting – AM. McCague (slides 5 - 7)

The actions from meeting PCF #31 and from Executive Forum held 25 March 2021 have been reviewed and updated. Please refer to the meeting pack.

3. Program Update – R. Leung, G. Windley (slides 8 - 10)

AEMO provided an update on the 5MS Program timeline. Key callouts are noted on slide 9.

Slide 10 provided a status update for each IT system. It was noted that the Retail workstream is amber. This gives an overall amber status for AEMO's 5MS Program.

4. Retail Reporting – G. Windley (slides 11 - 16)

It was confirmed that AEMO would issue the Go/No-Go email on 14-May-21 for the Retail Go-Live on 31-May-21. A checkpoint meeting with PCF will be arranged for 07-May-21.

The Retail status remains amber. There are a small number of defects that need to be remediated but none of the defects currently open are considered a blocker for 31-May-21.

AEMO noted that system stability has improved. Previously, manual restarts were necessary if the system lost connectivity. It is now restarting automatically.

A discussion took place on the testing of the volumes of CATS messages. AEMO noted that expected production level volumes were being tested though day in the life testing.

Post meeting note:

Summary of volumes being tested – see Appendix One.

Action 32.4.1: AEMO to incorporate likely 5MS CATS transaction volumes into scope for planned post day 1 performance testing

AEMO noted that there are approximately 30 Severity 3 (Sev 3) defects impacting core functionality. The impact of these is currently being assessed. On average, it takes 1 to 2 weeks for a defect to be fixed but that depends on the severity and complexity of the defect. The program is working with AEMO business teams on workarounds.

AEMO noted that there will be a proposal discussed with the RWG to extend the B2B outage through to the morning of 31-May-21. It is currently scheduled from 06:00 to 00:00 on Sunday 30-May-21. The extension would allow for some extra time for cutover if needed, reducing the likelihood of a roll-back should issues be encountered during the weekend cutover. AEMO will consult with RWG and MDPs.

A discussion took place on the escalating Covid situation in India. AEMO noted that planning is taking place to ensure that colleagues in India are supported. AEMO is working with TCS to put in place contingency plans that avoids single points of failure for critical items.

5. Readiness Working Group Update – G. Minney (slide 17 - 22)

AEMO provided a summary of the Market Trial planning that has been completed with the Market Trial Focus Group, as set out on slide 18.

AEMO provided an update in the Settlements Industry Test and the Retail Invitation Industry Testing as set out on slide 19.

Slide 21 sets out the initial observations from Readiness Survey Round 7 which closed 15-April-21.

AEMO provided a view on the upcoming topics that will be discussed at the RWG, ITWG and TFG, as set out on slide 22.

6. Industry Risks and Issues – AM. McCague (slide 23 - 30)

AEMO provided a review of the industry risks and issues under the following three themes:

- Retail delay
- AEMO and industry readiness
- Volume of regulatory change

The following changes to the risks were agreed:

- R33 – no change
- R34 – no change
- R11 – agreed to change as set out on slide 26
- R19 – no change
- R37 – agreed to close risk
- R06 – agreed to change as set out on slide 27
- R09 – agreed to change as set out on slide 27
- R30 – no change
- R28 – agreed to close risk

Slide 28 provides a high-level summary of changes to other risks relating to the PCF.

Action 32.6.1: AEMO to update Industry Risks and Issues Register in line with discussions at RWG and PCF.

7. Contingency Planning – P. Carruthers, G. Minney, AM. McCague (slide 31 – 40)

AEMO provided an overview of the Industry Contingency Plan that was developed in consultation with the RWG.

AEMO noted that the contingency planning for the Retail solution, which was the subject of the discussion during the PCF, focused on the most likely risk associated with the Retail solution that could impact the 5MS commencement on 01 October 2021. This risk is set out on slide 35.

The risks explored the scenario that AEMO's new Retail platform was not deployed for the scheduled go-live of 31-May-21 or the back-up date of 21-June-21. This could result in a compressed Market Trial and limited time to sufficiently trial the end-to-end 5MS solution prior to market commencement on 1 October 2021. The scenario assumes that AEMO's Retail MDM solution would be live and operating in 30-min mode, however the solution would not be available in 5-min mode.

AEMO confirmed that there are currently no defects or issues identified that would indicate this scenario would be realised. If something arises it will be unexpected. The type and impact of the issue that may arise would have to be assessed at the time. An issue with a lower impact could have a short delay and could be compensated within the timelines, potentially with a compressed Market Trial. The first approach will be to maintain the 01 October 2021 by taking remediation action.

AEMO confirmed that other risks exist, for example the risk of a critical defect arising during Market Trial. AEMO noted that it intends to use the learnings from the work on this Retail risk and apply them to any other risk that may arise that could impact 01 October 2021.

Action 32.7.1: AEMO to consider how the timeline could be compressed if an unknown issue arises that could impact 01-Oct-21 rule commencement.

AEMO does not expect the discussed scenario to impact MSATS receiving MDFF in 5-min intervals.

AEMO presented three potential contingency options that have been identified. These are set out on slides 36 and 37.

AEMO confirmed that they were interested in receiving feedback from participants which would then help the three market bodies (AEMC, AER, AEMO) understand the preferred contingency approach for a given set of circumstances, and help inform which regulatory tool would be the most appropriate.

AEMC confirmed that the duration of GS soft-start was selected based on industry feedback when the rule was being developed. AEMC is interested in receiving feedback (through AEMO) on the possibility of compressing this timeline.

AEMO confirmed that the Regulatory Implementation Roadmap would need to be revised if the 5MS rule commencement was delayed. AEMO noted that a delay to 5MS rule commencement from 01 October 2021 would impact WDR and may impact Customer Switching. It was noted that it is not anticipated that a short delay would impact MSDR and MCPI, however a longer delay would have to be assessed. MSDR and MCPI are linked to the GS commencement so a change to the GS commencement date would likely impact MSDR and MCPI.

Action 32.7.2: AEMO to confirm the impact of a change to the 5MS commencement date on other regulatory implementation programs.

Slide 38 shows the interaction with the AEMO decision making process and an indicative timeline for the AEMC rule change process. AEMO considers that by mid-June that there will be sufficient information to assess whether there would be any further delays in the Retail workstreams, if there are actions that can be put in place to avoid impacting the rule commencement date or whether it is necessary to consider using a contingency option.

AEMO confirmed that the rule process could not be shortened as it is set out in legislation. However, the notice period provided to participants could be shortened and work could be done in advance of the consultation to shorten the amount of time between the submission from AEMO and the consultation.

AEMO also noted that the new commencement date does not need to be confirmed at the time of the rule change submission, which allows for more time for AEMO and industry to assess the impact of the issue and identify an appropriate date in parallel with the AEMC process.

AEMO requested feedback against the questions set out on slide 39 and noted that further feedback is welcome. Feedback will be shared with AEMC and AER but will be anonymised prior to sharing with the PCF.

8. Forward Meeting Plan – AM. McCague (slide 41 - 43)

The agenda for upcoming PCF meetings and calendar of industry working groups are set out in the slides.

9. Meeting Closed - P. Carruthers (slide 44 -45)

Meeting closed.

ACTION ITEMS

No.	Status	Topic	Action	Owner	Due By	Comment
32.4.1	Open	Retail Reporting	AEMO to incorporate likely 5MS CATS transaction volumes into scope for planned post day 1 performance testing	AEMO	TBD	
32.6.1	Open	Industry Risks and Issues	AEMO to update Industry Risks and Issues Register in line with discussions at RWG and PCF.	AEMO	19-May-21	
32.7.1	Open	Contingency Planning	AEMO to consider how the timeline could be compressed if an unknown issue arises that could impact 01-Oct-21 rule commencement.	AEMO	19-May-21	
32.7.2	Closed	Contingency Planning	AEMO to confirm the impact of a change to the 5MS commencement date on other regulatory implementation programs.	AEMO		Provided to RWG.

Appendix 1: Volume testing for Performance:

MDM Meter Read* Ingestion Summary - 10 Hours		
File Type	Expected	Ingested
B2M MTRD Interval 30 Min	787800	798791
B2M MTRD Interval 5 Min	400000	395826
B2M MDMT Interval	1702000	2160790
B2M MDMT Basic	95000	96500
Total	2984800	3451907

* Read = 1 day's worth of reads per NMI

File Processing Count Details - Expected vs Achieved		
API		
File Type	Expected in 10 hours	Achieved in 10 hours
RM9_ActualvsEstimate_Report	210	210
RM11_MissingData_Report	790	793
RM13_NMIDataStreamsHistory	3530	3552
RM16_SettlementReconciliation_Report	3130	3132
RM17_Level3SettlementReconciliation	18700	18703
RM20_PPS_Report	60	61
RM21_Level2SettlementReconciliation	300	301
RM22_DataEstimation	30	31
RM26_SubstitutionEstimation_Report	1060	1062
RM37_HPMissingData_Report	790	793
RM38_DataStreamMissingData	790	793
RM39_MismatchData	790	793
RM41	10	13
RM45	10	13
B2B_MTRD_30Min_1MB	180	181
B2B_MTRD_5Min_10MB	10	11

B2M_MDMT_Basic	190	193
B2M_MDMT_Interval	460	588
FTP		
B2B MTRD Interval 30 Min	1620	1621
B2B MTRD Interval 5 Min	72	73
B2M MTRD Interval 30 Min	264	264
B2M MTRD Interval 5 Min	40	40