

5MS and GS Readiness Working Group – Meeting Notes

MEETING: Readiness Working Group # 20
 DATE: Tuesday, 9 February 2021
 TIME: 10:00 AM – 12:00 PM
 LOCATION: WebEx

Attendees

Attendee	Organisation	Location
Greg Minney	AEMO (Chair)	Remote - WebEx
Anne-Marie McCague	AEMO	Remote - WebEx
Austin Tan	AEMO	Remote - WebEx
Amit Kumar	AEMO	Remote - WebEx
Blaine Miner	AEMO	Remote - WebEx
Graeme Windley	AEMO	Remote - WebEx
Ian Devaney	AEMO	Remote - WebEx
Jim Agelopoulos	AEMO	Remote - WebEx
Liz Bernhardt	AEMO	Remote - WebEx
Monica Narayan	AEMO	Remote - WebEx
Sangeeta Pai	AEMO	Remote - WebEx
Simon Tu	AEMO	Remote - WebEx
Tui Grant	AEMO	Remote - WebEx
Collette Reedy	Actew AGL	Remote - WebEx
Andrew Peart	AGL Energy	Remote - WebEx
Gail Mitchell	AGL Energy	Remote - WebEx
Subhra Sekhar Kar	AGL Energy	Remote - WebEx
David Rundell	Alcoa	Remote - WebEx
Natasha Rajdev	Alinta Energy	Remote - WebEx
Naomi Donohue	APA Group	Remote - WebEx
Craig Eadie	Aurora Energy	Remote - WebEx
Kevin Boutchard	Aurora Energy	Remote - WebEx
Peter Gilligan	Ausgrid	Remote - WebEx
Wayne Turner	Ausgrid	Remote - WebEx
Vesna Dulovic	Ausnet	Remote - WebEx
Con Michailides	AusNet Services	Remote - WebEx
Mahdi Maleki	Ausnet Services	Remote - WebEx
Greg Szot	CitiPower / Powercor	Remote - WebEx
Ramesh Khadka	Electranet	Remote - WebEx
Kingson Asirrajan	Energy Australia	Remote - WebEx
Luke Emrose	Energy Australia	Remote - WebEx
Joseph Giddings	Energy One	Remote - WebEx

Nicole Bright	Energy Queensland	Remote - WebEx
Tilin Yi	EnergyAustralia	Remote - WebEx
Ingrid Farah	Ergon Retail	Remote - WebEx
Ben Johnson	ERM Power	Remote - WebEx
Rob Oshlack	ERM Power	Remote - WebEx
Alison Davidson	Essential Energy	Remote - WebEx
Helen Rickards	Essential Energy	Remote - WebEx
Tim Lloyd	Essential Energy	Remote - WebEx
Joe Milazzo	Evo Energy	Remote - WebEx
Luke Garrett	Evoenergy	Remote - WebEx
David McKenzie	Flower Power	Remote - WebEx
Natalie Junge	Infigen	Remote - WebEx
Jayendra Weerawardana	Insight Power	Remote - WebEx
Warren Van Wyk	Intellihub	Remote - WebEx
David Le Page	Jemena	Remote - WebEx
Didier Pyndiah	Jemena	Remote - WebEx
Joseph Lyttleton	Jemena	Remote - WebEx
Leon Vilfand	Jemena	Remote - WebEx
Marina Bakh	Jemena	Remote - WebEx
Matthew Mullen	Jemena	Remote - WebEx
Rajiv Kumar Balasubramanian	Jemena	Remote - WebEx
Tejas Vadera	Jemena	Remote - WebEx
Dan Hiller	Meridian Energy	Remote - WebEx
Justin Stute	Mondo	Remote - WebEx
Neville Lewis	Mondo	Remote - WebEx
Richard Metherell	Mondo	Remote - WebEx
Fergus Stuart	Origin Energy	Remote - WebEx
Greg Mcleod	Origin Energy	Remote - WebEx
Linda Brackenbury	PlusES	Remote - WebEx
Dean Knight	Powerlink	Remote - WebEx
Karel Mallinson	Powerlink	Remote - WebEx
Mark Reid	Red / Lumo	Remote - WebEx
Nick Gustafsson	Red and Lumo Energy	Remote - WebEx
Andrew Wilkins	SA Water	Remote - WebEx
David Woods	SAPN	Remote - WebEx
Kam Vessali	Secure Meters	Remote - WebEx
Kerrye Bradford	Secure Meters	Remote - WebEx
Eileen Hayes	Snowy Hydro	Remote - WebEx
Sandra Ho	Snowy Hydro	Remote - WebEx
Adam Nielson	Stanwell	Remote - WebEx
Owen Self	Stanwell	Remote - WebEx
Rossi Mangano	Stanwell	Remote - WebEx

Adrian Honey	TasNetworks	Remote - WebEx
Paul Greenwood	Vector Metering	Remote - WebEx
Mark Leschke	Yurika	Remote - WebEx
Andre Williams	-	Remote - WebEx
Kat Tristram	-	Remote - WebEx
Roger Helbig	-	Remote - WebEx
Tony Stone	-	Remote - WebEx

1. Welcome, Introduction, Attendance and Apologies – G. Minney (slide 1 - 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.

2. Minutes and Actions from Previous Meeting – A. McCague (slide 5 - 6)

The actions from meeting RWG #19 have been reviewed and updated. Please refer to the meeting pack and list below for more details.

3. 5MS Program Update – G. Minney (slide 7 - 16)

AEMO noted that the industry provided feedback for AEMO to proceed with Option 1 of the retail platform go-live deferral. AEMO presented indicative impact to participants as a result of the deferral, and the actions taken to mitigate these impacts.

In response to participant queries, AEMO noted that:

- the updated functionality deployment matrix will be re-issued with the new retail platform go-live dates.
- information on UFE will be available on the AEMC website, and also through the information sessions that AEMO organised.
- the retail preproduction dates, settlements go-live dates, and checkpoint criteria will be confirmed at the executive forum on 11 February 2021.
- it will provide the RWG with more information on the regulatory roadmap update when available.
- more information on the checkpoint criteria for Option 1 of the retail platform go-live will be presented at the executive forum on 11 February 2021.

Action 20.3.1: AEMO to provide update to RWG on update on Regulatory roadmap

4. Testing Update – T. Grant (17 - 20)

AEMO provided an update on the staging environment, including an update on the outstanding defects. AEMO noted that an outage is taking place from 8 February to 12 February to migrate across to the end state solution for MSATS, this outage does not impact the staging environment for dispatch, bidding, and settlements.

AEMO also noted that invitation retail industry testing is currently being rescheduled to address participant timing and resourcing.

5. Transition Focus Group / Metering Transition Plan Update – B. Miner (slide 21 – 28)

AEMO provided an overview of the TFG meeting held on 29 January 2021, including proposed changes to the MTP, a summary of the rollout plans, and upcoming MTP activities. More information is provided on slides 22 to 28 of the meeting pack.

In response to participant queries, AEMO noted that:

- currently 30 and 15 minute metering data via B2M is expected to be available on 31 May, however AEMO will advise if there are any changes when the next MTP is circulated
- schema updates are not required to update existing codes in MSATS, but will be required to receive populated TNI2 values or new RM reports

- templates to facilitate the provision of metering rollout plans will be circulated this week
- the R41 schema B2B process allows a retailer to request a network business to set up a new NCONUML NMI class code, however existing arrange should be able to support this process
- the ERCF would be the best forum for participants to get information on the level of support AEMO will be providing in relation to provide bulk updates
- the MSDR working group will consider the transition arrangements to support the changing requirements to populate the Meter Read Type Code

AEMO requested that participants provide accurate and up to date statuses on MTP activities when responding to the latest readiness survey.

6. Industry Risks and Issues Register – A. McCague (slide 29 – 34)

AEMO facilitated a review session of the existing risks, their current ratings and to consider their controls.

AEMO proposed three new risks:

- R34 – Will be reassessed after round 6 of readiness reporting results are released
- R35 – Will be managed by the TFG
- R36 – Will be managed by the TFG

AEMO noted that it performed a risk assessment of existing risks with the PCF, and advised the RWG that the following risks were updated:

- R11 – Change trend to worsened, until results of readiness reporting round 6 is reviewed
- R28 – Trend is now improving as dependencies between retail and settlement solution deployments are now removed

7. Procedures Update – S. Tu (slide 35 - 38)

AEMO presented an update on the procedure consultations related to 5MS/GS, noting that any changes have been highlighted in the meeting pack. AEMO also noted that links have now been included in the meeting pack for ease of reference.

Please refer to slides 36 to 38 of the meeting pack for more information.

8. Dispatch / Bidding Update – I. Devaney (slide 39 – 45)

AEMO provided an update on the bidding and dispatch platform, noting that deployments are progressing on schedule.

AEMO noted that:

- performance testing of the new 5-minute Bidding Service has commenced in February 2021. There was no expected or observed impact to industry testing during AEMO's first round of testing.
- remediation work is underway for a number of 5-minute Bidding Service functions and also for the Web Bidding Screens. More information can be found on slide 43 and 44 of the meeting pack.
- feedback on the 5-minute Bidding Service go-live plan is due on 22 February 2021, with the final plan to be issued on 8 March 2021

9. Settlements Update – M. Hillaby (slide 46 - 47)

AEMO noted that the Settlements platform go-live date will be deferred in line with the Retail platform go-live date. More details will be provided at the next RWG.

10. Readiness Survey – A. Tan (slide 48 – 50)

AEMO noted that two new questions were added to the readiness survey, relating to bilateral testing and also generators participation in the preproduction environment and bidding transition period.

11. Forward Plan and Other Business – G. Minney (slide 51 - 54)

AEMO presented the proposed topics for the upcoming RWGs and ITWGs in 2021. AEMO reminded the RWG that the last day to provide a response to the sixth readiness reporting survey will be 11 February 2021, with the next RWG to be held on 2 March 2021. Attendees were thanked for their attendance and advised of future in-session RWG meetings.

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
11.3.1	Readiness Reporting	AEMO to consider providing additional guidance alongside readiness reporting survey questions	AEMO	Completed
11.3.2	Readiness Reporting	AEMO to include latest MTP with readiness reporting survey	AEMO	Completed
11.3.3	Readiness Reporting	AEMO and RWG to consider alternative ways of communicating readiness reporting survey results	AEMO / RWG	Completed
11.4.1	Proposed milestone changes	AEMO to update charts on proposed AEMO system deployment milestone changes	AEMO	Completed
11.4.2	Proposed milestone changes	AEMO to consider extending the 30 minute settlement trial so that it can be commenced before December 2020	AEMO	Completed
11.4.3	Proposed milestone changes	AEMO to investigate any impacts on Recipient created tax invoices (RCTI) and provide feedback to or seek further info from the RWG	AEMO	Completed
11.4.4	Proposed milestone changes	RWG to provide feedback on impact of settlements 'like-for-like' delivery, including impacts on RM 16 and RM 27	RWG	Completed
11.4.5	Proposed milestone changes	AEMO to confirm if there are any changes to the format of settlement reports that are used by participants for settlement reconciliation purposes (e.g. RM 16 and RM27)	AEMO	Completed
11.4.6	Proposed milestone changes	AEMO to update table in slide 27 to clarify that MDFF acceptance relates to metering data files (not settlement files)	AEMO	Completed
11.4.7	Proposed milestone changes	AEMO to provide explanation of how 5-min bilateral testing will be supported	AEMO	Completed
11.4.8	Proposed milestone changes	RWG to provide feedback in response template on impact of MDM milestone change and proposed deployment milestone changes for dispatch and settlements	RWG	Completed
11.6.1	Proposed 12-month deferral	AEMO to update Gantt to reflect NCONUML datastream activation	AEMO	Completed
11.6.2	Proposed 12-month deferral	RWG to provide information on how AEMO would support a multi-speed transition (some participants continuing to current timeline, some participants deferring to proposed timeline)	RWG	Completed
11.6.3	Proposed 12-month deferral	AEMO capture and manage the risk of a multi-speed transition (some participants continuing to current timeline, some participants deferring to proposed timeline) in the 5MS industry risks and issues register	AEMO	Completed

11.6.4	Proposed 12-month deferral	AEMO to consolidate multi-speed transition feedback and provide to RWG	AEMO	Completed
11.6.5	Proposed 12-month deferral	AEMO to provide clarification on the impact to the MMS data model version 5 under the proposed 12-month deferral scenario	AEMO	Wed 3 Jun
11.6.6	Proposed 12-month deferral	RWG to provide feedback in response template on proposed transition and testing approach under the proposed 12-month deferral scenario	RWG	Completed
11.7.1	“Minimum criteria” and 5MS go/no-go decisions	RWG to provide feedback on proposed ‘minimum criteria’ for commencement	RWG	Completed
11.7.2	“Minimum criteria” and 5MS go/no-go decisions	AEMO to publish final contingency plan, considering RWG feedback on ‘minimum criteria’	AEMO	Completed
11.8.1	Bidding transition plan	RWG to provide feedback on bidding transition approach	RWG	Completed
11.8.2	Bidding transition plan	AEMO to confirm whether FCAS bidding is out of scope	AEMO	Completed
11.8.3	Bidding transition plan	AEMO to discuss bidding transition approach with the Dispatch Focus Group	AEMO	Completed
12.6.1	Working groups	RWG to provide feedback on proposal for RWG to be expanded to include SWG members, and for the working group to take an end-to-end systems and readiness view.	RWG	Completed
12.7.1	Industry testing	AEMO to update industry testing slides with clarifications	AEMO	Completed
12.7.2	Industry testing	AEMO to provide more details on the testing scope (e.g. test objective, key participants, key scenarios)	AEMO	Completed
12.7.3	Industry testing	RWG to provide feedback on their testing requirements for Dispatch, Settlement and Retail systems in pre-production	RWG	Completed
12.8.1	Readiness reporting	RWG to provide feedback on the readiness reporting approach if there is a delay to the 5MS and GS commencement dates	RWG	Completed
12.8.2	Readiness reporting	RWG to provide feedback on the proposed bar chart format for readiness reporting results	RWG	Completed
12.8.3	Readiness reporting	RWG to provide suggestions on any changes to the readiness reporting plan	RWG	Completed

12.8.4	Readiness reporting	AEMO and the RWG to consider how readiness reporting results can be used to consider if the industry is tracking to plan for 5MS and GS	RWG / AEMO	Completed
14.5.1	Regulatory Roadmap	AEMO to circulate regulatory roadmap workshop slide pack to RWG	AEMO	Completed
14.6.1	Retail Procedures	AEMO to add details of any aseXML schema impacts to the AEMO Retail Systems Impact for a Procedure issue.	AEMO	Completed
14.7.1	Transition Risks	RWG to consider their organisation's exposure to the risk of a 'big bang' delivery of 5min metering data in Production i.e. waiting until 5MS commencement to deliver/receive 5min metering data for the first time in Production.	RWG	Completed
14.7.2	Readiness Reporting	RWG to provide feedback on proposed approach to track if industry is on track for 5MS and GS commencements	RWG	Completed
14.11.1	Transition Approach	AEMO to include transition diagrams in the functionality matrix document	AEMO	Completed
14.12.1	Metering Transition Plan	RWG to provide feedback on the proposed changes to the MTP, and inform AEMO if a more restrictive or flexible transition period is preferred for MSATs Standing Data Creation and Maintenance activities	RWG	Completed
14.13.1	RM Reports	AEMO to confirm if Participants will receive push reports if there is no data missing	AEMO	Completed
14.13.2	GLOPOOL Updates	AEMO to confirm the timeframes and the approach for the transition of GLOPOOL	AEMO	Mon 14 Sep
14.14.1	Retail Platform Go-live Plan	RWG to provide feedback on the proposed high level structure of the Retail platform go-live plan	RWG	Completed
15.3.1	AEMO Data Model	RWG to identify existing wholesale representative for the Market Systems User Group (MSUG) and contact 5MS mailbox if there is no existing representative	RWG	Completed
15.3.2	Settlements Platform	RWG to provide feedback on the proposed settlements platform go-live date of 19 April 2021, including any impacts to participants' programs, testing requirements, and any suggested mitigations	RWG	Completed
15.7.1	Testing	RWG to inform AEMO if their organisation is able to assist AEMO with preparing the testing approach, or executing formal invitation testing of the retail platform	RWG	Completed

15.7.2	Testing	RWG to provide a list and description of any required testing that cannot be carried out in 5MS Staging, is unacceptably complicated by the requirement to re-point from one environment to another, and cannot wait until the functionality has been deployed into the pre-production environment	RWG	Completed
15.7.3	Testing	AEMO to update the Industry Risks and Issues Register with the mitigation measures agreed at the RWG	AEMO	Completed
15.12.1	RM20 Report	RWG to provide feedback on proposed simplification to the RM20 PPS Report	RWG	Completed
15.13.1	Cutover Focus Group	RWG to nominate Cutover Focus Group members	RWG	Completed
16.9.1	Global Settlement	AEMO to provide RWG with implementation approach, timeframes and testing approach of Global Settlement changes (e.g. LR to GLOOPOOL transition).	AEMO	Completed
16.9.2	Global Settlement	AEMO will confirm considerations for the provision of Tier 2 accumulation meter data to LRs post GS go live	AEMO	Completed
16.11.1	Transition Focus Group	AEMO to organise a separate focus group session to discuss the potential system impacts associated to the anticipated volume of MTP related CATS CR transactions and notifications.	AEMO	Completed
16.12.1	Retail platform industry go-live plan	RWG to provide feedback on the Retail platform industry go-live plan	RWG	Completed
16.13.1	Readiness reporting	AEMO to make a recommendation to the PCF regarding if 5MS readiness reporting should incorporate considerations involving customer switching and WDR.	AEMO	Completed
17.4.1	Procedural updates	AEMO to confirm with RWG timing and 5MS impact of NCONUML NMI class codes related changes in the schema	AEMO	Completed
17.6.1	Cross boundary meters	AEMO to establish with DNSPs the extent that cross boundary meters will be compliant by 1 October 2021, and any potential industry impacts of non-compliance.	AEMO	Completed
17.7.1	Readiness reporting	AEMO to remove questions related to 5MS and GS program establishment from readiness surveys	AEMO	Completed

17.7.2	Readiness reporting	AEMO to consider how to incorporate monitoring of the impacts to 5MS from other regulatory change happening in October 2021 (i.e. Customer Switching, WDR).	AEMO	Completed
17.9.1	Settlements platform timelines	AEMO to update settlements staging, pre-production and production timelines diagram legend	AEMO	Completed
18.5.1	Industry testing	AEMO to circulate copy of test scenarios for industry testing to the RWG	AEMO	Completed
18.5.2	Industry testing	AEMO to send sample aseXML reports to relevant participants	AEMO	Completed
18.5.3	Retail platform cutover	MDPs to advise if they are able to continue delivering metering data in MDMT in the event of a rollback during the retail cutover	RWG	Completed
19.2.1	B2B schema changes	AEMO to confirm that NCONUML NMI class codes related changes in the B2B schema relates to the NCONUML CustomerType field and not the ability for all NCONUML to use B2B (even if the field does not apply to them)	AEMO	Tue 9 Feb
19.7.1	Metering rollout plans	MCs and MDPs who did not provide a rollout plan update to AEMO in Dec 2020 to forward one to the 5MS inbox as soon as possible	RWG	Fri 29 Jan
19.9.1	Industry testing	AEMO to provide a list of the UAT Bidding Service defect fixes that will be put into pre-production in February 2021 before they are applied	AEMO	Tue 9 Feb
19.13.1	Retail platform cutover	MDPs to advise if they are able to continue delivering metering data in MDMT in the event of a rollback during the retail cutover	RWG	Fri 29 Jan
20.3.1	Regulatory roadmap	AEMO to provide update to RWG on update on Regulatory roadmap	AEMO	Tue 2 Mar