

5MS Readiness Working Group (RWG) Meeting Notes

MEETING: 8
 DATE: Wednesday 12 February 2020
 TIME: 10:00 AM – 12:00 PM
 LOCATION: AEMO Offices Melbourne, Sydney, Brisbane, Adelaide and by Webex

Attendee	Organisation	Location
Andrew Peart	AGL	Melbourne
Wayne Rau	ENGIE	Melbourne
Tui Grant	AEMO	Melbourne
Craig Shelley	AEMO	Melbourne
Anne-Marie McCague	AEMO	Melbourne
Greg Minney	AEMO	Melbourne
Austin Tan	AEMO	Sydney
Emily Brodie	AEMO	Sydney
Blaine Miner	AEMO	Brisbane
Adrian Honey	TasNetworks	WebEx / Dial In
Cameron Bath	EnergyAustralia	WebEx / Dial In
Christophe Bechia	Red/Lumo	WebEx / Dial In
Con Michailides	Ausnet	WebEx / Dial In
David McKenzie	Flow Power	WebEx / Dial In
David Woods	SAPN	WebEx / Dial In
Dino Ou	Endeavour Energy	WebEx / Dial In
Elizabeth Byrne	Stanwell	WebEx / Dial In
Fergus Stuart	Origin	WebEx / Dial In
Greg Szot	CitiPower/Powercor	WebEx / Dial In
Linda Brackenbury	PLUS ES	WebEx / Dial In
Mark Lee	Momentum Energy	WebEx / Dial In
Mark Reid	Red/Lumo	WebEx / Dial In
Matt Porter	Evoenergy	WebEx / Dial In
Mohan Gunatilake	Alinta Energy	WebEx / Dial In
Nathan Reeve	EnergyAustralia	WebEx / Dial In
Nick Gustafsson	Red/Lumo	WebEx / Dial In
Nicole Bright	Energy Queensland	WebEx / Dial In
Paul Willacy	Aurora	WebEx / Dial In
Prabpreet Calais	AEMC	WebEx / Dial In
Sabrina Akhter	Flow Power	WebEx / Dial In
Samantha Markham	AER	WebEx / Dial In
Sandra Ho	Snowy Hydro	WebEx / Dial In
Stephen Wilson	Hydro Tasmania	WebEx / Dial In
Steve Smith	Eureka	WebEx / Dial In
Tim Lloyd	Essential Energy	WebEx / Dial In
Gerard Dunne	Stanwell	WebEx / Dial In
Warren van Wyk	Intellihub	WebEx / Dial In

Note: some attendees who joined through WebEx and phone 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 and Introduction – G. Minney (Slides 1 - 2)

Attendees were welcomed to the 8th Readiness Working Group (RWG). Attendance was captured.

2.0 Minutes & Actions from previous meeting – G. Minney (Slide 3 - 4)

The meeting notes for the previous RWG held on 15 November were confirmed. The actions from meeting 7 have been reviewed and updated. Please refer to the meeting pack and list below for more details.

3.0 Reschedule of B2M APIs – G. Minney (Slide 5 - 6)

AEMO noted that there has been a delay to the planned B2M via APIs release date of 17 March 2020. The new proposed date of 7 December 2020 aligns with AEMO's new metering solution (MDM) go-live date.

In response to a query from Origin, AEMO clarified that the proposed delivery of B2M via API capability is aligned and integrated with the MDM platform when it is deployed in December 2020. This release is a milestone that is currently reported and monitored at the SWG and PCF.

4.0 Workstream Update – G. Minney, Tui Grant , E. Brodie (Slides 7 - 20)

AEMO queried the RWG if there was interest in having an RWG standing agenda item covering 5MS program implementation milestones consistent with the monthly PCFs. It was agreed that upcoming milestones associated with readiness and potential milestone changes will be reported by exception at future RWGs.

AEMO presented an overview of Readiness papers, noting that the two outstanding papers (Industry Contingency Plan and MSP accreditation update plan) are on track to be finalised in the coming weeks.

AEMO reminded participants that the first Readiness reporting survey has been released, and will be closing on Friday 14 February 2020. Results of the survey will be circulated to the RWG on 28 February.

AEMO presented a recap of past Readiness stakeholder engagement events, and queried the RWG if there was interest in an open forum on the Staging Environment through WebEx in March. The purpose of this is to give participants the opportunity to ask any questions regarding the 5MS staging environment. The RWG agreed that organising this would be useful.

AEMO presented an update of the Industry Testing Working Group (ITWG), the timelines for test plans, and on the Staging Environment for Settlements.

Origin queried if the dates for test plans can be brought forward. AEMO noted that the current thinking was to bring forward engagements with participants through the ITWG to expand the definition of the scope of each of the proposed test phases. AEMO also noted that the timings for developing test plans for B2M via API has not yet been finalised.

In response to a query from Origin, AEMO clarified that the Settlements staging release will only include manufactured data. AEMO also noted that the new RM reports will be included in the release.

AEMO provided an update on the various ongoing procedure changes. These are currently managed through the ERCF and B2B working group. More details can be found in the meeting pack.

In response to a query from Origin, AEMO noted that although there are no specific questions in readiness reporting addressing procedure changes, participants can raise any procedural issues affecting readiness through the free-text sections of readiness reporting.

AusNet noted that as feedback to Metering Package 3 (MP3), many MDPs raised significant issues with the requirement to have the RegisterID=NMI Suffix. AEMO noted that while there may be differing views regarding this requirement, as long as the requirement exists, the implementation approach of this activity would need to be considered by the TFG.

AEMO presented the timeframes for prospective 5MS metering procedure changes, noting that there may be a need to do procedure changes to metering procedures if issues emerge through readiness and implementation activities. Given the consultation timeframes and effective date requirements, the latest dates to start a full procedure consultation are:

- 1 Oct 2020 if including Metrology procedures
- 1 Jan 2021 if not including Metrology procedures

AEMO noted that there will be a “Wash-up” consolidation of procedures. This can occur in short-form consultation as each separate change has already been consulted on previously. Energy Queensland queried if this consultation will be made via the ERCF. AEMO will take an action to confirm this.

Ausnet highlighted that any procedures changes that result in system changes present a big risk to their program. Origin agreed and noted that these changes would be very challenging while in parallel managing internal timelines, Industry Testing and Market Trials. AEMO noted that its program would assess the potential implications of any procedure changes on its 5MS and GS systems as required. Other procedure changes that do not impact the 5MS and GS build will be managed through the BAU release cycles.

Action 8.4.1: AEMO to organise an open forum relating to its Staging Environment over WebEx in March

Action 8.4.2: AEMO to provide additional details regarding the “Wash-up” consolidation of metering procedure changes

5.0 Metering Transition Plan – A.Tan, E. Brodie (Slides 21 - 24)

AEMO provided a summary of the key feedback themes received during the Metering Transition Plan (MTP) draft consultation, and also how issues arising from MTP implementation will be managed. More details can be found in the meeting pack.

Origin queried the timing of allowing NCULs to be created from December 2020, highlighting that this may impact the capability deployments of receiving Participants. AEMO noted that in previous focus groups, a one month window was scheduled for May 2021, to allow for the updates of required new NMI classification codes. However, due to the volume of NMIs associated to NCULs, it was thought that a larger transition window would be more appropriate. It was also noted that networks should seek agreement from Local Retailers prior to NCUL NMI classifications being applied in Production.

Energy Queensland noted that the 1 May 2021 transition window for NMI class codes is appropriate, as long as all participants are ready to go in this window. Energy Queensland appreciated that a bigger transition window is also appropriate for NCULs, however early engagement is crucial.

The RWG agreed that it would be preferable for the Transition Focus Group (TFG) to reconvene as soon as possible to discuss the metering transition implementation details. It did not believe that it was necessary to wait for the results from the first round of readiness reporting to reconvene this group. AEMO noted that the TFG should decide the ongoing meeting cadence when it reconvenes.

AusNet commented that the Metering Transition Plan should include details on how activities in the transition plan would be implemented and also recommended that a new column in the MTP should be created to detail how these activities would be executed. AEMO noted the suggestion and commented that these details will be discussed at the TFG.

Action 8.5.1: AEMO to schedule the next Transition Focus Group

Action 8.5.2: RWG to suggest agenda items for discussion at the TFG, including any queries relating to the Metering Transition Plan

6.0 Industry Contingency Plan – G. Minney (Slides 25 - 27)

AEMO provided a summary of feedback to the Industry readiness contingency plan, noting that the final plan will be published on Friday 28 February. More details can be found in the meeting pack.

7.0 MSP Accreditation Update Plan – E. Brodie, C. Shelley (Slides 28 - 30)

AEMO provided a summary of feedback to the MSP accreditation update plan, noting that the final plan will be published on Friday 21 February.

AEMO noted that the majority of MSPs are now engaging with AEMO to commence accreditation activities. It was also noted that a re-accreditation update guide was sent out to assist MSPs with determining if they may require re-accreditation. This is due on 28 February for Group 1 participants and 31 March for Group 2 participants.

8.0 Cutover Approach for Reallocations – G. Minney (Slides 31 - 33)

AEMO presented the release timeline for the reallocations system. Production release is scheduled for 1 April 2021. More details can be found in the meeting pack.

AEMO noted that during the industry testing period for reallocations, AEMO is considering hosting a daily issues resolution conference call to support participants.

In response to a question from Energy Queensland, AEMO confirmed that the date for preproduction deployment for reallocations is 26 February 2020.

9.0 Forward meeting plan and general questions – G. Minney (Slides 36 - 37)

AEMO proposed content on future agenda items based on survey responses received from participants and invited feedback from the RWG to confirm intent and coverage of those items.

Energy Queensland commented that any transition activities discussed at the TFG should also be considered at the future RWGs. It was suggested that AEMO could set up a standing section in the RWG pack to facilitate the two way flow of information.

AEMO emphasised that further details regarding the implementation of the metering transition plan would be developed through the TFG and SWG, with updates to RWG.

AEMO highlighted that the Metering Transition Plan is monitored through Readiness reporting at the sub-category level, as opposed to the activity level and asked the RWG to consider if visibility at the activity level is also required. AGL indicated that reporting at the sub-category level is sufficient as long as any lack of progress at the activity level can be adequately reported. AEMO also noted that the Readiness reporting plan will be reviewed at the next RWG after the first round of readiness reporting is completed.

Origin raised a transition risk regarding the uncertainty on how Metering Transition Plan activities will be implemented, in particular standing data updates. AEMO agreed and will propose this as a new risk to the Industry Risks and Issues Register.

AEMO noted that, if required based on participant feedback, the PCF will meet on the 19 February to discuss the re-alignment of milestones.

Attendees were thanked for their attendance and advised of future RWG meetings:

- Wednesday 11 March 2020
- Tuesday 14 April 2020

Next Systems Working group:

- Monday 17 February 2020
- Monday 16 March 2020
- Wednesday 22 April 2020

Next Program Consultative Forum

- Wednesday 19 February 2020 (Out of session)
- Thursday 5 March 2020
- Thursday 9 April 2020

Next Executive Forum

- 12 March 2020

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>.

Action 8.9.1: AEMO to consider creating a dedicated section in the RWG pack to facilitate the flow of information between TFG and RWG.

Action 8.9.2: AEMO to propose a new risk to the Industry Risks and Issues Register regarding the uncertainty on how Metering Transition Plan activities will be implemented, in particular standing data updates.



Item	Topic	Action required	Responsible	By
1.1.1	Welcome and Introduction	Participants to confirm to 5MS@aemo.com.au if required to be added to the RWG distribution list.	RWG	Completed
1.8.1	Market Readiness Strategy	RWG to provide feedback to AEMO on indicative timelines presented.	RWG	Completed
1.9.1	Interim Readiness Reporting	AEMO to release proposed interim reporting commencement dates to RWG.	AEMO	Completed
1.9.2	Interim Readiness Reporting	AEMO to provide the RWG with a draft interim readiness report structure for comment.	AEMO	Completed
1.10.1	Forward Meeting Plan	RWG members to provide proposed content/topic areas for upcoming RWG meetings.	RWG	Completed
2.4.1	Transition Timeline	AEMO to align dates and labelling of MDFF format data transition on staged transition timeline.	AEMO	Completed
2.4.2	Transition Timeline	AEMO to reflect UFE publication milestone of 1 July 2021 on staged transition timeline.	AEMO	Completed
2.4.3	Transition Strategy	RWG members to provide feedback on the presented transition approach at RWG 2 in-line with participant's own implementation programs.	RWG	Completed
2.5.1	UFE publication	AEMO to confirm if and when the draft report on UFE publication will be made available to participants.	AEMO	Completed
2.7.1	Readiness Deliverables	RWG to provide feedback on approach to merge Industry Test and Market Trial Strategy deliverables.	RWG	Completed
2.7.2	Readiness Deliverables	RWG to provide feedback on approach to delay engagement on the Accreditation Update approach from August to October.	RWG	Completed
2.8.1	RWG Content	RWG to provide feedback on proposed content and suggest content for future RWGs.	RWG	Completed



2.8.2	Readiness Deliverables	AEMO to consolidate and discuss Readiness Workstream deliverables with the RWG, including the draft and final dates for each deliverable.	AEMO	Completed
2.9.1	Vendor Engagement	RWG to provide feedback on areas that AEMO could consider further vendor engagements, including approach, areas of significance and timing.	RWG	Completed
2.9.2	Readiness Risks	RWG to provide feedback on the proposed approach to managing readiness issues and risks.	RWG	Completed
3.4.1	Software drops	AEMO to provide RWG with definitions of what is included in the package content of each software drop.	AEMO	Completed
3.5.1	Readiness Risks	AEMO to refine approach to managing industry risks and issues identified by the RWG.	AEMO	Completed
3.5.2	Readiness Risks	AEMO to align cadence of RWG readiness risk assessment sessions with the quarterly PCF risk assessment sessions.	AEMO	Completed
3.5.3	Readiness Risks	AEMO to consider updating R11 in the industry risk register to reflect deliverables that are sequenced over time instead focusing on the final 5MS go-live date.	AEMO	Completed
3.7.1	Focus Groups	RWG to provide suggestions for focus groups and/or topic areas.	RWG	Completed
4.2.1	Reconciliation Support Workshop	AEMO to consider combining the Settlement Managers Working Group with the reconciliation support workshop.	AEMO	Completed
4.4.1	Readiness Reporting	AEMO to provide more information on how readiness reporting can be 'actionable'.	AEMO	Completed
4.5.1	Contingency Arrangements	AEMO to consider including a 'shadow box' (or similar indication) for contingency arrangements on the transition Gantt chart.	AEMO	Completed
4.5.2	Contingency Arrangements	AEMO to consider scheduling arrangements for developing agreed contingency scenarios and incorporation into transition plans	AEMO	Completed
4.6.1	Readiness Risks	AEMO to consider proposing a new risk in the industry risk register to manage any risks arising from transitional requirements not defined in procedures.	AEMO	Completed



4.6.2	BSB working group	AEMO to include B2B working group debriefs on the RWG forward agenda when appropriate.	AEMO	Completed
4.6.3	Metering Transition	AEMO to confirm Rule requirements relating to 5 minute metering data (delivery and reception) pre 1 July 2021.	AEMO	Completed
4.6.4	Readiness Risks	AEMO to propose a new risk in the industry risk register to manage risk arising from the ambiguity of 5 minute responsibilities pre-1 July 2021.	AEMO	Completed
4.7.1	Readiness Reporting	RWG to provide feedback on the proposed structure of the industry readiness reporting plan.	RWG	Completed
5.6.1	B2M APIs, Reallocation APIs	RWG members to provide indication of their intent and timing (if known) to implement Reallocation APIs or B2M APIs as components of their programs	RWG	Completed
5.6.2	Focus Groups	RWG to provide feedback on timing, duration, format and requests for pre-meeting materials for the RWG risks and issues workshop, and industry testing and cutover focus groups.	RWG	Completed
5.8.1	MSP accreditation plan	RWG to provide feedback on the proposed MSP accreditation approach.	RWG	Completed
5.9.1	Readiness documents	AEMO to develop a consolidated view of the engagement timelines for all readiness documents.	AEMO	Completed
6.1.1	Contingency Planning	AEMO to categorise the contingency strategies to reflect the pre-existing risks and actions.	AEMO	Completed
7.5.1	Readiness Reporting	RWG to provide feedback on the Industry readiness reporting proposed approaches	RWG	Completed
7.8.1	B2M API	RWG to provide feedback on the impact to their organisations programs if the B2M API cutover milestone shifts.	RWG	Completed
8.4.1	Workstream update	AEMO to organise open forum for Staging Environment over WebEx in March	AEMO	March
8.4.2	Metering Procedures	AEMO to provide additional details regarding the “Wash-up” consolidation of metering procedure changes	AEMO	Wed 11 Mar



8.5.1	Metering Transition Plan	AEMO to schedule the next Transition Focus Group	AEMO	Completed
8.5.2	Metering Transition Plan	RWG to suggest agenda items for discussion at the TFG, including any queries relating to the Metering Transition Plan	RWG	Fri 21 Feb
8.9.1	Forward meeting plan and general questions	AEMO to consider creating a dedicated section in the RWG pack to facilitate the flow of information between TFG and RWG.	AEMO	Wed 11 Mar
8.9.2	Forward meeting plan and general questions	AEMO to propose a new risk to the Industry Risks and Issues Register regarding the uncertainty on how Metering Transition Plan activities will be implemented, in particular standing data updates.	AEMO	Thu 5 Mar