

5MS Readiness Working Group (RWG) Meeting Notes

MEETING: 2
 DATE: Friday 26 July 2019
 TIME: 10:00 AM – 1:00 PM
 LOCATION: AEMO Offices Melbourne, Sydney, Brisbane, Adelaide and by Webex

Attendee	Organisation	
Aakash Semby	Simply Energy	Melbourne
Justin Stute	Mondo	Melbourne
Tariq Pervas	Red/Lumo	Melbourne
Panos Priftakis	Snowy Hydro	Melbourne
Peter Wijtzes	AGL	Melbourne
Wayne Rau	Simply Energy	Melbourne
Greg Szot	Powercor	Melbourne
Wayne Turner	Ausgrid	Melbourne
Greg Minney	AEMO	Melbourne
Tui Grant	AEMO	Melbourne
Samantha Markham	AER	Sydney
Emily Brodie	AEMO	Sydney
Monica Morona	AEMO	Sydney
Austin Tan	AEMO	Sydney
Adam Neilson	Stanwell Corporation	Brisbane
Elizabeth Byrne	Stanwell Corporation	Brisbane
Jonathon Briggs	Metering Dynamics	Brisbane
Nicole Bright	Energy Queensland	Brisbane
Blaine Miner	AEMO	Brisbane
Adrian Honey	TasNetworks	WebEx / Dial In
Alison Davis	Evo Energy	WebEx / Dial In
Amanda Jose	Jemena	WebEx / Dial In
Corinna Woolford	Aurora Energy	WebEx / Dial In
David Ovington	Hydro Tasmania	WebEx / Dial In
David Woods	SA Power Networks	WebEx / Dial In
Dino Ou	Endeavour Energy	WebEx / Dial In
Greg McLeod	Origin Energy	WebEx / Dial In
Ingrid Farah	Ergon Energy	WebEx / Dial In
Jack Yates	CQ Partners	WebEx / Dial In
Jacob Lee	Energy Queensland	WebEx / Dial In
Jeff Roberts	Evo Energy	WebEx / Dial In
Jonathan Briggs	Metering Dynamics	WebEx / Dial In
Kevin Webster	Jemena	WebEx / Dial In
Mark Reid	Red/Lumo	WebEx / Dial In
Paul Greenwood	Vector	WebEx / Dial In
Sewwandi Charman	Origin Energy	WebEx / Dial In
Sharleen Flanagan	ERM Power	WebEx / Dial In
Snehal Jogiya	ERM Power	WebEx / Dial In
Suresh Maguluri	Hydro Tasmania	WebEx / Dial In
Tim Lloyd	Essential Energy	WebEx / Dial In
Tony Bergmeier	Snowy Hydro	WebEx / Dial In
Warren Van Wyk	IntelliHUB	WebEx / Dial In
Wyane Rau	Engie	Webex / Dial In
Yvonne Tuckett	Origin Energy	WebEx / Dial In
Peter Carruthers	AEMO	WebEx / Dial In

1.0 Welcome and Introduction – G. Minney (Slides 1 - 2)

Attendees were welcomed to the second Readiness Working Group (RWG). Attendance was captured and it was noted to attendees that the meeting would be recorded for the purpose of preparing meeting notes.

2.0 Minutes & Actions from previous meeting – E. Brodie (Slides 3 - 5)

The meeting minutes for the previous RWG held on 27 June were confirmed. The actions from meeting one have been reviewed and updated. Please refer to the meeting pack and list below for more details.

AEMO acknowledged that additional feedback was received in the 5MS mailbox from RWG members. These included requests for specific readiness definitions, proposals for additional groups, and also suggestions on structure and content for readiness documents.

3.0 Market Readiness Strategy Update – E. Brodie (Slides 6 - 7)

AEMO informed the RWG that it is tracking to release the draft market readiness strategy for RWG comment ahead of the indicative date of 30 August.

The RWG agreed that 3 weeks is an appropriate amount of time to provide feedback on the draft market readiness strategy.

4.0 Transition Principles and Approach – G. Minney (Slides 8-21)

AEMO presented the development approach of the overall transition strategy, noting that the Transition and Go-Live Strategy document will be developed in collaboration with the RWG.

In response to a participant query, AEMO clarified that cutover planning will also include rollback strategy. Support will be provided in the immediate post go-live period to scope out any issues. A suggestion was made to include supporting early operations as a transition strategy principle.

Stanwell queried if the Industry Cutover and Transition Strategy is the same as the Transition and Go-live Strategy. AEMO clarified that both of these names refer to the same document and will ensure they are aligned going forward to Transition and Go-Live Strategy

In response to a question from Origin, AEMO confirmed that the transition of standing data is also in the transition scope.

Origin queried if any consideration has been given to mitigate the risk of implementation for the period between the January to March. AEMO responded that the transition roll-out of MDFF Delivery window can be flexible, and that on AEMO's acceptance of MDFF format reads settlement will still occur on a 30 minute basis and reports will still be in 30 minute format

AEMO noted that the Transition Strategy consolidates the transitional approaches developed within individual workstreams to provide a program level transition plan in line with the transition strategy principles.

AEMO presented the high level transition plan, noting that it will be a staged approach for system implementations.

AEMO also noted the capability to accept MDFF format meter data will be supported from November 2019 from an AEMO perspective, as highlighted in some earlier timelines. This is different to the January to March indicative window where MDPs will commence their transition to providing settlement data in the MDFF format

Origin questioned if the MDM platform will be a hard transition or a parallel run. AEMO clarified that the go-live dates on the staged transition slides represent a production ready environment, with AEMO and industry testing already completed.

Hydro Tasmania queried if MDP's have to wait until AEMO coordinates the transition for each MDP. AEMO clarified that the transition approach will be defined in the transition plans for metering activities, and be subject to any required metering accreditation update.

In response to a query from Endeavour Energy asking when MSATS will be updated to accept the new standing data, AEMO noted that the transition plans reflect the timeframes for the Standing Data updates based on the availability of the necessary capability and configuration in the market systems.

AEMO noted that metering transition activities will have to be completed before 1 July 2021 to enable UFE reporting capability by 1 July 2021, and key 5MS market activities

In response to a query by Origin, AEMO noted that any 5 minute settlement data received before 1 July 2021 will be aggregated into 30 minute granularity. All communications and reports will maintain a 30 minute granularity.

In response to a query from Stanwell, AEMO clarified that 5 minute bidding will be supported from April 2021, however this is not mandatory until 1 July 2021.

AEMO noted that no B2B impacts have been identified, however this has been captured as a risk in the industry register. AEMO will reassess the impacts to the 5MS and GS program if any changes from B2B are identified.

AEMO noted that meters that are not 5-minute capable by 1 July 2021 will be profiled to 5 minute granularity. This include accumulation meters and meters that provide 30 minute information.

Essential Energy queried if MDPs have to be accredited to support 5 minute data capability. AEMO noted that the extent of the accreditation update required would be dependent on the level of system and process change required by individual MDPs.

Simply Energy queried if the industry transition and testing of the bidding platform also includes FCAS bidding or energy bidding only. AEMO clarified that FCAS was part of the scope of 5MS, and will reflect this in the transition plan.

AEMO presented on the expect impacts on participants for each release, noting that the information provide is intended as a starting point for discussion.

In response to a participants query, AEMO noted that the B2B delivery of MDFF 5 minute data will be resolved bilaterally by the MDP and retailer.

SA Power Networks requested for AEMO to distinguish between activities that are between AEMO and a participant, and other activities that are between two participants. AEMO noted that this feedback will be taken under consideration for future artefacts.

Origin questioned if there is a transition plan for non-contestable unmetered loads. AEMO clarified that this is included in the metering transition plan, and will likely require interactions between Retailers, DBs and MDPs.

In response to a participant query, AEMO noted that any B2M APIs will be in addition to existing capabilities, including existing APIs and FTP capability. Further details will be provided in the 5MS systems working groups.

AEMO noted that a Transition Focus Group will be established to engage with participants on the Transition and Go Live Strategy. The first working group is expected to be held in Melbourne on 30 August. AEMO will be sending through a call for nominations to the RWG and participants are invited to nominate the appropriate representative in their organisation to attend.

AEMO invited RWG members to provide feedback on the presented transition approach at RWG 2 in-line with participant's own implementation programs.

Action 2.4.1: AEMO to align dates and labelling of MDFF format data transition on staged transition timeline

Action 2.4.2: AEMO to reflect UFE publication milestone of 1 July 2021 on staged transition timeline

Action 2.4.3: RWG members to provide feedback on the presented transition approach at RWG 2 in-line with participant's own implementation programs.

5.0 Industry Testing Approach – T. Grant (Slides 18-20)

AEMO noted that when changes are introduced into production, AEMO will conduct the below three types of testing.

- Industry Testing
- Invitation Industry Testing
- Market Trials.

AEMO will make the Pre-Production system available for participants to perform bi-lateral testing at any time. A 5MS Staging environment will also be made available by 1 November to allow participants who are ready to test/verify changes to their solutions prior to these changes being available in Pre-Prod and Production. More information on the different types of testing can be found in in the meeting pack.

In response to a question from Origin, AEMO clarified that the industry will have full visibility of the outcomes of Market Trials and Invitation Industry Testing. Any defect identified in pre-production can be made available to the RWG and Testing Working Group. Release notes for Pre-Prod releases will also be made available.

Red/Lumo queried if the MSATs changes includes any data changes such as structure or format changes to existing fields. AEMO advised that this work is still under progress however no re-configuration or NMI Standing data changes has been identified so far to support implementation of the new MDM. If there is a new schema it will be published by the Systems Working Group.

A participant queried if retailers are expected to be ready for testing during the entire period from November 2020 to May 2021. AEMO noted that the testing period is currently being finalised and will depend on the implementation strategy. Participation in testing is not mandatory but highly encouraged.

Tasnetworks questioned if participants are able to test the population of standing data during Pre-Prod. AEMO advised that participants will be able to test the full functionality of the system during Pre-Prod.

AEMO noted that bi-lateral industry testing can be done at any time, even while AEMO is conducting Market Trials. The full solution is expected to be available in the 5MS Staging Environment by mid-2020.

In response to a participant query, AEMO will confirm if and when the draft report on UFE publication will be made available to participants.

In response to a question from Origin, AEMO offered to make available the scope of the internal testing that will be done on the MDM.

Action 2.5.1: AEMO to confirm if and when the draft report on UFE publication will be made available to participants.

6.0 Interim Readiness Reporting – E. Brodie (Slides 21-24)

AEMO presented on the background, timelines and approach of Interim Readiness Reporting.

Energy Queensland requested for AEMO to provide specific dates on when the Interim Readiness Reporting surveys will be distributed. AEMO will provide these dates when available.

Stanwell requested if numbers can also be published. AEMO reiterated that this will be made available when appropriate, ensuring that confidentiality will not be breached.

AEMO noted that the outputs of the Interim Readiness Reporting will depend on the inputs provided by the PWG. AEMO encouraged the RWG to go beyond answering just the multiple choice questions and provide additional feedback in the comments section, emphasising that any received feedback will be held confidential.

7.0 Deliverable Timing Feedback – G. Minney (Slides 26-29)

AEMO noted that it is considering merging the Industry Test and Market Trial Strategy deliverables into a single deliverable to support an overall view of all testing phases at strategy level. Plans that support the strategy will still remain independent.

AEMO is also considering delaying engagement on the Metering Service Provider Accreditation Update Plan from August to October. This is because potential inputs from Metering Package 2 will only be finalised then.

The RWG was invited to provide any feedback on the above two items.

Action 2.7.1: RWG to provide feedback on approach to merge Industry Test and Market Trial Strategy deliverables.

Action 2.7.2: RWG to provide feedback on approach to delay engagement on the Accreditation Update approach from August to October.

8.0 Forward Meeting Plan – G. Minney (Slides 45-47)

AEMO presented on the proposed content for future RWG's, and invited participants to provide feedback and suggest any additional content.

AEMO noted that it will consolidate the Readiness Workstream deliverables as agreed with the RWG, and will confirm the draft and final dates for each deliverable.

AEMO noted that the Transition Focus Group will be held in August to engage with participants on the transition strategy. This will be followed by the Testing Focus Group as testing activities commence, and that the Cutover Focus Group will likely start early next year. The established Metering Focus Group will continue to support the Readiness Workstream.

Attendees were thanked for their attendance and advised of future RWG meetings for 2019:

- Tuesday 27 August 2019
- Tuesday 24 September 2019
- Monday 28 October 2019

Upcoming focus groups:

- Transition Focus Group – 30 August 2019

Next Procedures Working group:

- Monday 12 August 2019

Next Systems Working group:

- Monday 19 August 2019

Next Program Consultative Forum

- Thursday 8 August 2019

Next Executive Forum

- Thursday 7 August 2019

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 2.8.1: RWG to provide feedback on proposed content and suggest content for future RWGs

Action 2.8.2: AEMO to consolidate and discuss Readiness Workstream deliverables with the RWG, including the draft and final dates for each deliverable.

9.0 General Questions – G. Minney (Slide 48)

AEMO requested the RWG to provide feedback on areas that AEMO could consider further vendor engagements, including approach, areas of significance and timing. It was noted that

the timing for vendor engagement should be after September as key documents are still under development before then.

AEMO presented on the approach to managing readiness issues and risks. The RWG agreed that readiness risks should be captured in the same 5MS risk register, and suggested that they be classified as readiness items.

Action 2.9.1: RWG to provide feedback on areas that AEMO could consider further vendor engagements, including approach, areas of significance and timing.

Action 2.9.2: RWG to provide feedback on the proposed approach to managing readiness issues and risks.

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	n/a
1.8.1	Market Readiness Strategy	RWG to provide feedback to AEMO on indicative timelines presented.	RWG	Fri 12 Jul
1.9.1	Interim Readiness Reporting	AEMO to release proposed interim reporting commencement dates to RWG.	AEMO	Fri 5 Jul
1.9.2	Interim Readiness Reporting	AEMO to provide the RWG with a draft interim readiness report structure for comment.	AEMO	Fri 26 Jul
1.10.1	Forward Meeting Plan	RWG members to provide proposed content/topic areas for upcoming RWG meetings.	RWG	Fri 12 Jul
2.4.1	Transition Timeline	AEMO to align dates and labelling of MDFF format data transition on staged transition timeline.	AEMO	Tues 27 Aug
2.4.2	Transition Timeline	AEMO to reflect UFE publication milestone of 1 July 2021 on staged transition timeline.	AEMO	Tues 27 Aug
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	Thu 15 Aug
2.5.1	UFE publication	AEMO to confirm if and when the draft report on UFE publication will be made available to participants.	AEMO	Tues 27 Aug
2.7.1	Readiness Deliverables	RWG to provide feedback on approach to merge Industry Test and Market Trial Strategy deliverables.	RWG	Thu 15 Aug
2.7.2	Readiness Deliverables	RWG to provide feedback on approach to delay engagement on the Accreditation Update approach from August to October.	RWG	Thu 15 Aug
2.8.1	RWG Content	RWG to provide feedback on proposed content and suggest content for future RWGs.	RWG	Thu 15 Aug



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	Tues 27 Aug
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	Thu 15 Aug
2.9.2	Readiness Risks	RWG to provide feedback on the proposed approach to managing readiness issues and risks.	RWG	Thu 15 Aug