

# 5MS Program Consultative Forum (PCF) Meeting Notes

MEETING: 11  
 DATE: Friday, 7 June 2019  
 TIME: 10:00 AM – 1:00 PM  
 LOCATION: AEMO Offices Melbourne, Sydney, Brisbane, Adelaide and by WebEx  
 ATTENDEES:

ATTENDEE	ORGANISATION	OFFICE
Darren Pace	Alinta Energy	Sydney
Chris Muffett	AEMO (Chair)	Sydney
Monica Morona	AEMO	Sydney
Blaine Miner	AEMO	Brisbane
Hamish McNeish	AEMO	Brisbane
Sammy Wainrit	AEMO	Melbourne
Sonja Nigmann	AEMO	Melbourne
Greg Minney	AEMO	Melbourne
Robert Lo Giudice	IntelliHUB Pty Ltd	Melbourne
Deb Senior	United Energy	Melbourne
Georgina Snelling	Energy Australia	Melbourne
Cameron Bath	Energy Australia	Melbourne
Panos Priftakis	Snowy Hydro	Melbourne
Malcolm Hempel	Tango Energy	Melbourne
Shaun Cole	Origin Energy	Melbourne
Bree Jeffreys	AEMO	Norwest
David Woods	SA Power Networks	Adelaide
Divya Kapoor	Flow Power	Remote - WebEx
Glen Thomsen	APA Group Pty Ltd	Remote - WebEx
Linda Brackenbury	Plus ES	Remote - WebEx
Paul Greenwood	Vector Advanced Metering Services (Australia) Pty Ltd	Remote - WebEx
Leanne Rees	TasNetworks	Remote - WebEx
Corinna Woolford	Aurora Energy	Remote - WebEx
Jeff Roberts	Evo Energy	Remote - WebEx
Justin Betlehem	AusNet Services	Remote – WebEx
Linda Whatman	Energy Queensland	Remote – WebEx
Nathan Reeve	Energy Australia	Remote - WebEx
Elizabeth Byrne	Stanwell Corporation	Telephone
Owen Self	Stanwell Corporation	Telephone
Nicole Bright	Energex	Telephone

## Preliminary Matters

1. Welcome, introductions and apologies – C. Muffett (slides)

AEMO noted apologies from Graeme Windley (AEMO), Peter Carruthers (AEMO); and Emily Brodie (AEMO).

AEMO noted that the meeting was being recorded for the purposes of preparing meeting notes.

## 2. Minutes and actions from previous meeting – C. Muffett (slides

The PCF confirmed the notes of meeting 10 held on 10 May 2019.

Action 8.9.1 – completed. AEMO provided an update to the Executive Forum, highlighting that consultation regarding cost recovery will commence in July and a milestone has been included for when the cost recovery work will be completed.

Action 9.7.2 – completed. Nominations have now closed for the Readiness Working Group, however, if any members wish to provide a nomination but have not yet done so, they should contact AEMO promptly via [5ms@aemo.com.au](mailto:5ms@aemo.com.au). AEMO also noted that meeting dates have been set for the Readiness Working Group from July to December; and these are available on the 5MS & GS online calendar.

Action 9.9.2 – completed. AEMO have included further detail regarding this as part of the schedule information.

Action 10.2.1 – completed. As noted above AEMO have included a milestone for cost recovery.

Action 10.3.1 – completed. Provided as part of the Systems Workstream Update. AEMO noted that due to the delays related to Metering Package 2 there is some impact to related Technical Specifications.

Action 10.3.2 – completed. Industry Risks and Issues register has been updated.

Action 10.5.1. – completed. Industry Risks and Issues register has been updated.

Action 10.8.1 – completed. AEMO received some feedback regarding the RWG Terms of Reference, these points were predominately seeking clarification and will be discussed at the first RWG meeting.

Action 10.8.2 – completed. AEMO sent a call for nominations via email 14 May 2019.

Action 10.8.3 – completed. AEMO will confirm nominees and send invitations for the RWG meetings week commencing 11 June 2019.

Action 10.11.1 – outstanding. Note that the status of this action was incorrectly reported during the meeting, as an email had not yet been sent. An email will be sent immediately.

### **Matters for Noting**

## 3. Program Update – S. Nigmann

The 5MS Program update was presented (slides 6-12).

Sonja Nigmann, Senior Program Manager, was introduced, and Sonja introduced Sammy Wainrit as replacing Mal Borschman.

AEMO noted the Procedures workstream continues to track as green. There were a number of miscellaneous items that were delayed by one week; these were published on 6 June 2019, with no consequential impacts.

Stanwell queried AEMOs approach to reporting delays, particularly how a delay could continue enable the status to remain “green”, rather than change to “amber”. AEMO clarified that the assessment referred to the overall workstream and where some of the individual components may be experiencing delays, this does not automatically adjust the entire workstream to an “amber” rating.

Stanwell noted that these deliverables were not considered critical, however sought clarification as to how AEMO developed the assessment. AEMO stated that the assessment of the delay was from an AEMO perspective, as AEMO does not have any information in relation to individual participant program impacts. Stanwell requested AEMO reconsider the reporting of milestone delays, and that potential impacts to participants are taken into account as part of AEMO's assessment of the proposed change and reporting of the status. AEMO agreed that it was important to understand the impact of potential milestone changes, so that this could be considered by the PCF.

**Action 11.3.1 – AEMO to propose an approach to assessing the impacts of potential milestone changes to industry delivery.**

Alinta noted that where Procedures delays have an impact on the Systems workstream or where there are any impacts on the sandpit environment, these may be more likely to have an impact on participant timeframes. AEMO confirmed that it considered that there were no impacts to the sandpit timeframes, however in order to fully understand the impacts to participants; to enable this, AEMO requires feedback from participants on the delay to timeframes.

AEMO noted that the detail of the proposed delays would be better addressed through the Systems Working Group. Members agreed that this would be the appropriate forum to assess the delays in more detail and to better understand the likely impacts to industry from the delays. Members emphasised that the current reporting approach was from an AEMO perspective and did not adequately capture the potential flow on impacts to industry from delays in delivery by AEMO.

AEMO noted that a number of new milestones have been added; two Level 1 milestones and, two Level 2 Dispatch milestones and two Level 2 Metering milestones.

Members questioned the cost recovery milestone completion date of 30 September 2019. AEMO confirmed that this was an error and expected that consultation would take approximately 12-14 months and had set a completion date of September 2020.

Members questioned the classification of the milestones whereby none of the milestones are considered "critical dependencies", noting that it was unlikely that none of the milestones would be free of critical dependencies. AEMO noted that this would be taken as an action to confirm with the Program Manager.

**Action 11.3.2 – AEMO to confirm milestone reporting classifications.**

Members noted that the new Level 2 milestones both referred to Package 2 rather than Package 4 and Package 5. AEMO confirmed that this was an error that would be amended.

Alinta also requested that a description of the Packages also be included. AEMO noted that the Systems Workstream Webpage now had a comprehensive overview of the packages, would address this request.

#### 4. Industry Risks & Issues – C. Muffett

AEMO noted that the intention was to undertake a comprehensive quarterly review of risk and issues at this meeting, however, as the Program Manager was unable to attend this will be moved to the July meeting.

AEMO outlined the changes to the 5MS Industry Risk & Issue Register, which were presented (slides 13-14). The full register is available on the 5MS website [here](#).

Members noted that they had a number of matters to raise, however with the comprehensive review proposed for July, these matters would be best discussed then.

## 5. Change request update – C. Muffett

AEMO presented the approach and detail of Change Requests currently under consideration (slides 15-16).

AEMO has an internal change request process with appropriate governance controls to ensure that AEMO is able to understand and control the scope and program delivery impacts of any change requests.

Alinta noted that there was significant discussion in at the Dispatch Focus Group in relation to the 5-minute pre-dispatch and questioned whether this would be considered in the context of the Change Request. AEMO noted the prior discussion, highlighting that AEMO has also sought additional feedback and received submissions via email from participants. AEMO confirmed that this is not a formal consultation process and views were currently under consideration.

AEMO noted that Mandatory Restrictions amendments were also under consideration and the AEMO had assessed the likely impact to the 5MS package will be minimal. Members noted that this assessment was from an AEMO perspective.

Alinta sought further clarification in relation to pre-dispatch considerations. AEMO noted a view from industry that pre-dispatch changes are necessary as part of 5MS. AEMO is considering the most appropriate approach to pre-dispatch changes and whether this should occur as part of 5MS or as a parallel activity.

Members noted implementing as a parallel activity, would create a risk that these would be delayed until after 5MS commencement. AEMO noted that view and request that if participants have specific knowledge of cost impacts in this area that it would include that as part of pre-dispatch considerations.

AEMO also requested feedback from participants regarding the ongoing reporting of Change Requests to the PCF. Members confirmed that Change Requests should continue to be reported via the PCF, noting that while information will come from technical workstream it was important for this Forum to maintain visibility of the updates and potential impacts.

Tango Energy requested clarification in relation to the numbering of change requests, were there change requests that would not be presented to the PCF. AEMO confirmed that the Change Request register included a number of internal requests, which were also being managed on the same register. As they were not related to stakeholder activities and were not necessary to discuss with the PCF.

## 6. Procedures Workstream Update – B. Miner

5MS procedure workstream update was presented (slides 17 to 23).

AEMO noted that Metering Package 2 was delayed, this is the most substantial Package that would be consulting on over the life of the Project. The delay was taken on the basis that the AEMO 5MS & GS team wanted to ensure the necessary quality of the documents being consulted on.

Intellihub queried whether AEMO had received any submissions on Metering Package 2 that have raised concerns that may have an impact on Metering Package 3. AEMO confirmed that no submissions had been received at this stage.

Stanwell sought clarification regarding the requirement for a 1 July 2021 due date of the NMI, CATS and WIGS Procedures. AEMO noted that, for example, the CATS Procedure needed to allow for the introduction of additional NMI classification codes that are required to ensure the accurate allocation of energy to support UFE publication requirements from 1 July 2021. As such, a new version of the CATS Procedure will be included in the second stage draft determination with an effective date of 1 July 2021. The existing CATS Procedure relating to February 2022 will remain to specify changes to the Local Retailer rule in MSATS.

Energex sought confirmation regarding the versions of the documents and queried if the various versions of the consultation documents will be compiled for further consultation. AEMO confirmed that there are number of concurrent changes and that the Metering team would consolidate final versions in the future.

Stanwell noted the date for Metering Package 2 was September 2019 and questioned if this was a change. AEMO will confirm the date of the revised consultation date, which was delayed by three weeks.

Members requested further information in relation to the topics of discussion within the Reconciliation Support Workshop. AEMO noted that there were seven key areas of discussion and these are covered in the meeting notes available [here](#).

### **Mandatory Restrictions**

AEMO is currently considering its approach to mandatory restrictions systems and procedures, with an update provided to participants (slide 24).

#### **7. Systems Workstream Update – H. McNeish**

The Systems workstream update was presented (slides 25 to 29).

AEMO noted that an update on the milestones had been provided already and the focus would be on the impacts from the Procedures delay. AEMO noted that there would be no impacts to the draft version of the documents, which have now been provided as anticipated. However, the provision of the final documents will be delayed to align to the Procedures delay. AEMO clarified that the 5MS staging environment has not been impacted by the changes in these timelines.

Stanwell noted that there appeared to be less detail in the specific Program stream reporting than in previous Forums. AEMO confirmed that, as part of the Milestone Management framework outlined at PCF Meeting 8, AEMO's approach is now to provide the Level 2 "traffic light" reporting across the Program. This ensures that information provided to the PCF will be at a higher level, looking at each Package as a whole, while the workstream meetings will consider matters in more detail.

Members raised concern that they were now having difficulty in understanding the status of Systems work in relation to the change in reporting. AEMO clarified that all workstreams remain "green" from an AEMO perspective. As discussed earlier in the PCF, while there are some individual delays, there are no overall delays to workstreams.

#### **8. Readiness Workstream Update – G. Minney**



The Readiness workstream update was presented (slides 30 to 33).

AEMO noted that the first RWG will be held on 27 June and invites would be sent to participants week commencing 10 June.

#### 9. Stakeholder Update – M. Morona

The Stakeholder workstream update was presented (slides 34 to 41).

### **Matters for Discussion**

#### 10. Global Settlement recap and integration approach – C. Muffett

AEMO noted that GS is a key area for the Program delivery, it is an integral part of the reforms envisioned with the AEMC rule change finalised in December 2018. Further detail on the GS rule is available on the AEMO website [here](#).

AEMO noted that 1 July 2021 is the point at which AEMO will commence publishing the UFE data. However, there will be no change to Settlement by Difference until 6 February 2022.

Energy Australia queried if there would be draft or informal reports published after the commencement of UFE data collection and prior to February 2022 commencement date. AEMO noted that a final approach is yet to be confirmed.

Moving forward, AEMO will produce an annual report on UFE and this will be an important and significant data point, whereby AEMO will be seeking to identify UFEs and making recommendations to improve the situation via specific actions to assist in the reduction of UFEs over time.

Alinta questioned why AEMO was unable to provide this information at this time to start the process of assessment of UFE. AEMO noted that it is unable to do this as it currently does not receive UFE data. From 1 July 2021, AEMO will commence receiving this data, however, there will be no change to Settlements processes and financial transactions until February 2022.

Members sought clarification as to why AEMO is seeking a soft launch for UFE reporting, however they expect to receive all data from that point rather than the 2022 commencement date. AEMO confirmed that for the industry to be at a point to be ready for the commencement of the change to Settlements processes in 2022, the early provision of data to AEMO in July 2021 is integral.

Members commented that this was a substantial change to AEMO settlements. This is on top of significant change that has occurred over recent years and the cost burden that this places on customers. AEMO confirmed that this was a significant change, particularly for local retailers. However, the rule change has been made and this matter would have been considered by AEMC at the time of the rule change. AEMO confirmed that its role is to manage the rule change implementation in a way that is as cost effective as possible and reduces the impact to consumers.

AEMO's systems are being developed to accommodate both 5MS and GS. The benefit of this is that when it comes to the process of market trials, AEMO will have the capability of testing under various scenarios.

Members questioned if AEMO would be changing the LR role for all participants. AEMO confirmed that the transition to Global Settlement would be handled by a change of roles – in particular the Local Retailer for distribution-connected customers would be changed to

“GLOPOOL”. AEMO also needs to consider how the transition is managed as part of the market trial approach, not just as part of the cutover process, to ensure that it is seamless for industry.

#### 11. Industry and market testing approach – T. Grant

Main focus of this testing to ensure that participants are receiving the response they expect to/from the AEMO's systems.

AEMO is undertaking testing with Power of Choice learnings in mind and will ensure that testing will be undertaken to benefit the maximum number of participants. All testing will take place in the pre-production environment. However, changes will be made available in the pre-testing environment for all participants who are seeking to do either bilateral or independent testing ahead of schedule.

Alinta sought clarification that all sand pit environments will be available for all streams. AEMO confirmed that this was the case. However, AEMO noted that in the case of Settlements, AEMO would not be undertaking a weekly run for participants to consume, AEMO will undertake a number of runs and make these available. This approach has been selected due to the practicalities facing the amount of data generated from these runs and this level of complexity will not be able to be provided as part of these mock up. This data is reliant on provision by MDPs in the appropriate fashion and AEMO is not expecting that this would be possible in the testing environment.

Members noted the complexity of shifting from 30-minute to 5-minute and how we deal with information that is present in both states. AEMO noted that it will be very difficult to undertake complete end-to-end testing, however, where possible AEMO will commit to undertake this.

AEMO noted it will be engaging with the industry to ensure testing of all the scenarios that may need to be rolled out.

#### 12. Cutover and transition approach – G. Minney

AEMO noted that there will be a number of periods and multiple cutovers timeframes that will need to be taken into account for Readiness planning and as part of developing the scope of IT system development.

AEMO will be engaging with the RWG regarding the proposed implementation strategies throughout July and August for the release of a draft strategy in September 2019 and finalisation by January 2020.

Alinta sought clarification regarding the approach to the Readiness workstream in dealing with specific areas of interest or issues. AEMO confirmed that the Readiness workstream is intending to take a similar approach to the PWG and SWG to create specific focus groups to deal with particular issues or areas of focus. This has been highlighted in the RWG establishment information.

Alinta also queried that with nominations now received, is AEMO confident that the correct business members have been put forward, do they have the right skill set. AEMO confirmed a good coverage of participants types. AEMO have highlighted the need to ensure that those businesses not attending will be captured to ensure we have a broader coverage and views.

AEMO noted that in the first RWG meeting AEMO will be reviewing the expectations and requirements of participation to make sure individual participants skill sets and experience are aligned.

**Other business**

13. General questions – C. Muffett

No further questions raised.

14. Forward meeting plan – C. Muffett

The next Program Consultative Forum meeting is scheduled for Thursday 4 July at 10 am.

The meeting closed at 12:35pm.

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Item	Topic	Action required	Responsible	By
8.9.1	Matters for Discussion – Recap from Executive Forum	Provide further info on cost recovery to the PCF and EF	Peter Carruthers	Completed AEMO will continue to provide updates on the consultation approach and timing
9.4.1	Preliminary Matters – Minutes and Actions from previous meetings	R02 – AEMO to consider a response strategy to manage the risk of participants not being ready as part of the readiness workstream	Graeme Windley	Completed AEMO provided the approach to be used to manage this, and as requested this has been included in the meeting notes
9.7.2	Readiness Workstream	Consider nominations for Readiness Working Group ahead of formal establishment	PCF members	Completed. Nominations have now closed for the Readiness Working Group.
9.9.2	Industry timelines	Provide more definition in regard to aligning schedules and proposed start date of market trials	Graeme Windley	Completed. AEMO have included further detail regarding this as part of the schedule information.
10.2.1	Cost recovery	AEMO to include a milestone for cost recovery consultation process.	Chris Muffett	Completed. As noted above AEMO have included a milestone for cost recovery.
10.3.1	Systems Workstream	AEMO to provide an update to the PCF regarding metering technical specifications following the 20 May SWG at the June PCF, as relates to the delay to Metering Package 2 publication.	Hamish McNeish	Completed. Provided as part of the Systems Workstream Update. AEMO noted that due to the delays related to Metering Package 2 there has been an impact to the relevant Technical Specifications to the same date.
10.3.2	Risks and Issues	AEMO to include B2B consequential impacts to the 5MS Industry Risks and Issues register.	Graeme Windley	Completed.

				The Industry Risks and Issues register has been updated.
10.5.1	Procedures	AEMO to include a risk on the 5MS Industry Risks and Issues register that the 5MS/GS implementation rule change could trigger consequential procedure changes.	Graeme Windley	Completed. The Industry Risks and Issues register has been updated.
10.8.1	Readiness Workstream	Participants to provide comments on the RWG TORs via 5ms@aemo	PCF Participants	Completed. AEMO received some feedback regarding the RWG Terms of Reference, these points were predominately seeking clarification and will be discussed at the first RWG meeting.
10.8.2	Readiness Workstream	AEMO to send out a formal call for nomination for the RWG via email, outlining the relevant skills and knowledge required.	Greg Minney / Monica Morona	Completed. AEMO sent a formal call for nominations via email 14 May 2019.
10.8.3	Readiness Workstream	Participants to provide RWG nominations	PCF Participants	Completed. AEMO will confirm nominees and send invitations for the RWG meetings week commencing 11 June 2019.
10.11.1	General questions	AEMO to email to SWG and Dispatch FG seeking information on the merits / benefits and costs of pre-dispatch	Chris Muffett	Outstanding Email to be sent immediately.
11.3.1	Program Update	AEMO to propose an approach to assessing the impacts of potential milestone changes to industry delivery.	Graeme Windley	4 July 2019
11.3.2	Program Update	AEMO to confirm milestone reporting classifications	Graeme Windley	4 July 2019