

## 5MS Program Consultative Forum (PCF) Meeting Notes

MEETING: 5  
 DATE: Monday, 5 November 2018  
 TIME: 10:00 AM – 1:00 PM  
 LOCATION: AEMO Offices Melbourne, Sydney, Brisbane, Adelaide and Video/Teleconference

### ATTENDEES:

ATTENDEE	ORGANISATION	OFFICE
Hamish McNeish	AEMO	Brisbane
Blaine Miner	AEMO	Brisbane
Robert Pane	Intergen	Brisbane
Graeme Windley	AEMO	Melbourne
Justin Betlehem	AusNet Services	Melbourne
Shane McCarthy	Hydro Tasmania	Melbourne
Georgina Snelling	Energy Australia	Melbourne
Peter Spittle	Jemena	Melbourne
Robert Lo Giudice	Acumen Metering	Melbourne
Darren Pace	Alinta Energy	Melbourne
Chris Muffett (Chair)	AEMO	Sydney
Emily Brodie	AEMO	Sydney
Linda Brackenbury	Plus ES	Sydney
Dean Lane	Origin Energy	Sydney
David Woods	SA Power Networks	Telephone
Jennifer Fikret (Secretariat)	AEMO	Telephone
Rahman Qazi	Endeavour Energy	Telephone
Piera Lorenz	Telstra	Telephone
Stephanie Lommi	Red/Lumo	Telephone
Divya Kapoor	Flow Power	Telephone
Trevor Lane	Powercor	Telephone
Peter Van Loon	Powershop	Telephone
Josh Sheen	Arrow	Telephone
Heath Frewin	ENA	Telephone
Neville Lewis	Select Solutions	Telephone
Caroline Hope	Energex	Telephone
Paul Willacy	Aurora Energy	Telephone
Paul Greenwood	Vector AMS	Telephone
Mark Maolia	Hansen	Telephone
Andrew Jumeau	Evo Energy	Telephone
Prabpreet Calais	AEMC	Telephone

### Preliminary Matters

- Attendees were noted and welcomed to the Program Consultative Forum.
- The Program Consultative Forum confirmed the minutes of meeting number four held on 4 October 2018.

The actions from meeting four have been reviewed and updated (see list below).

## Matters for Noting

### 3. Program Update – G. Windley (Slide 5)

Transparency on AEMO's external architecture was requested which has traditionally, only been provided regarding impacts on external stakeholders.

**Action 5.3.1.** Understand what AEMO are prepared to share with the industry with regard to internal architecture – G. Windley

The impact of AEMO's DER program overlapping with 5MS is being looked at presently. The reference to DER in the meeting pack is to the DER Register and not the entire DER Program.

Market trials will commence from Dec 2020 to May 2021. The original sandbox environment will go ahead with further details to be determined closer to these dates. Ramp ups would need to be discussed and a decision on how AEMO's support will need to be decided upon. All functionality will go in as per the current schedule. AEMO's systems will be ready on 1 July, however Victoria may have an opportunity to have a slower ramp up.

Monday's Metering FG discussed the process. Contact Emily Brodie for further information.

### 4. Industry Risks & Issues – G. Windley (Slides)

Industry Risk/Issue Register is available [here](#).

R06 and R09 – discussion with forum concluded both risks are to remain, however risk 6 is to be rewritten to be about timeline slippage and responsibility escalated to the EF.

I04 – AFMA meeting scheduled for December. Close issue.

R07 – Leave open.

**Action 5.4.1.** Update Industry Risk Register – G. Windley

### 5. Procedures Work Stream – E. Brodie (Slides 10 & 11)

Metering procedures changes – Package 1 was released last week. Submissions close 28 December giving stakeholders more time to make submissions beyond the minimum requirement and also allowing AEMO time to respond within its maximum timeframe

Next week's Metering FG will discuss issues pertaining to Package 1. On the release of the Consultation AEMO notified industry via their website, an AEMO Communications mail out and a separate email sent Friday to 5MS CRM groups. Participants were encouraged to email [5ms@aemo.com.au](mailto:5ms@aemo.com.au) if there are any queries.

Focus Groups names will no longer be called "Joint" as they are all integrated with the Systems work. The "Joint" and "Systems" will be removed from the name for simplicity.

A rundown of the Procedure tracking was given.

### 6. Systems Work Stream – H. McNeish (Slides 13-14)

Web interface was reviewed in the Dispatch FG. Discussion has been had on P5 and the Group are looking at extending this. Please send any feedback to be included in the

discussion.

AEMO needs to implement a 30-minute PASA as it is required under the rule. Industry would need to put in a rule change for 5 Minute to be included.

**Action 5.6.1** Distribute Dispatch FG to be distributed to PCF notes where this was discussed and ensure they are included on AEMO's website. E. Brodie

The SWG Meeting focussed on the new bidding format, conferred on the end-to-end sandbox environment (schedule for this is to be determined), enabling testing earlier in participant's own environments prior to getting into official testing.

The SWG to be held on 21 Nov will look at a high-level impact assessment, planned schedule, Web API's and review the position of the joint focus group.

## 7. Stakeholder Update (Slide 16)

5MS and Global Settlements factsheets are to be released shortly, along with the summaries of one on one meetings in the next two weeks.

Participant were encouraged to complete the Stakeholder Engagement Survey [here](#).

2019 proposed meeting calendar up to July has been circulated to 5MS Groups.

## Matters for Discussion

### 8. Update of Drafting Amendments (Slides 17-21)

AEMO's rule change request to amend problematic areas.

Item 1 – Typographical errors – Closed.

Item 2 – AEMO using 5 Minute data to calculate MLFs – Rule change to be requested (Required by 1 Jul 21).

Item 3 – Soft cutover – no feedback received.

Item 4 – 5-minute pre-dispatch – Rule change to be requested (prior to 1 Jul 2021).

Collation of amendment list will continue until December 2018 and only includes areas of the rules requiring amendment to make 5MS function.

Feedback set out to be differentiated between procedures and rule changes to provide clarity.

**Action 5.8.1.** AEMO to investigate how co-ordination to occur across workstreams. C. Muffett

Expedited rule change process (2 months) will be used if possible.

No need for a rule change for pre-dispatch sensitivities as they are not precluded in the NER.

### 9. Update on non-mandatory components – C. Muffett (Slides 22-24)

Non-mandatory items are items not directly required to implement 5MS.

Timelines – some work completed, however further details are required and will be brought to the next PCF.

Items 1, 2 and 3 - Unify meter data delivery – part of Metering Package 1 outlines AEMO's position and is subject to consultation and awaiting feedback.

Item 4 – Overhaul dispatch interface – SWG and Dispatch Focus Group are providing feedback. AEMO is proceeding based on a technology change.

Item 5 – Energy Storage System changes – no impact on 5MS.

Item 6 – Decommission sample meters – not appropriate for AEMO to presume this as part of 5MS. Arrangement for both 5-minute and 30-minute profiles, however primary responsibility belongs to jurisdictions. To be removed from list.

Item 7 – Reallocation – scope of reallocation may involve different options to be considered. To be discussed at Settlement Focus Group on 26 Nov.

Incremental Timeline – benefits of change beyond what is needed for 5MS and weighing up against timeline impacts to AEMO will be what the recommendations are based on.

Further updates will be provided at future PCFs.

#### **Other Business (Slide 26-28)**

##### 10. General Questions – C. Muffett

Forward meeting plan was provided.

The Forum requested the length of the meeting remain at three hours.

##### 11. Next meeting

The next Program Consultative Forum meeting is scheduled for Tuesday, 4 December at 10 am.

The meeting closed at 11.45am.

12. Update of Previous Action Points & New Actions Raised

Item	Topic	Action required	Responsible	By
<b>PCF 2</b>				
2.3.2	Potential Drafting Amendments	<p>Action on industry to consider all items and provide details to assist AEMO to make representation to the AEMC.</p> <p>AEMO to accommodate plan to include drafting amendments into procedures.</p> <p>4 Oct - Currently being progressed as part of the consultation on procedures. Action ongoing.</p>	Chris Muffett	<p>Completed 5 Nov. 18 CLOSE</p>
<b>PCF 3</b>				
3.1.1	Program Update High Level status	<p>AEMO to consider items discussed in one-on-one meetings being published.</p> <p>4 Oct – To be published towards end October 2018.</p>	Gary Eisner	<p>OUTSTANDING To be distributed to PCF in 2 weeks</p>
<b>PCF 4</b>				
4.3.1	Program Update	<p>Provide information to the next PCF Forum regarding DER activities and their impact on 5MS.</p>	Graeme Windley	<p>5 November C. Cormack DER Lead to speak at next PCF. OUTSTANDING</p>
4.3.2	Program Update	<p>AEMO CTO to attend next Executive Forum</p>	Graeme Windley	<p>13 November J. Locandro (CTO) will be at Exec Forum on 13 Nov. CLOSE</p>

4.4.1	Industry Risk and Issues	Updated 5MS schedule to be included in future PCF packs to assist vendor planning.	Graeme Windley	5 November Complete CLOSE
4.4.2	Industry Risks and Issues	Participants to supply list of their vendors to AEMO to be circulated anonymously.	Chris Muffett	4 December Vendor list to be distributed OUTSTANDING
4.4.3	Industry Risks and Issues	Arrange vendor briefing session	Chris Muffett	5 November Scheduled for 13 December CLOSE
4.5.1	Procedures Work Stream	Distribute Dispatch and Systems Meeting Pack to a wider audience to supply feedback.	Emily Brodie	5 November Complete CLOSE
4.5.2	Procedures Work Stream	Check if Dispatch Market Suspension Pricing consultation period can be extended and let G. Snelling know.	Emily Brodie	5 November Complete CLOSE
4.9.1	Non-mandatory Changes	AEMO to provide further information and place non-mandatory items into the overall timeline to show the implications.	Chris Muffett	5 November Complete CLOSE
4.9.3	Non-mandatory Changes	Progress decommissioning of sample meters – being locked into 5-Minute Settlement timelines.	Chris Muffett	5 November Complete CLOSE
<b>PCF 5</b>				
5.3.1	Program Update	Understand what AEMO are prepared to share with the industry with regard to internal architecture.	Graeme Windley	4 December

5.4.1	Industry Risks and Issues	R06 and R09 - Rewrite descriptions to articulate impacts.	Graeme Windley	4 December
5.6.1	Systems Work Stream Update	Distribute Dispatch FG notes to be distributed to PCF and ensure they are included on AEMO's website.	Emily Brodie	4 December
5.6.2	Systems Work Stream Update	Victorian MDs & MDP do not need to deliver full 5MS compliance until 1 December 2022. PWG to discuss transition requirements and the role required AEMO leading up to this date.	Emily Brodie	31 March 2019
5.8.1	Matters for Discussion	AEMO to investigate how co-ordination to occur across workstreams.	Chris Muffett	4 December