

5MS Program Consultative Forum (PCF) Meeting Notes

MEETING: 7
 DATE: Friday, 8 February 2019
 TIME: 10:00 AM – 1:00 PM
 LOCATION: AEMO Offices Melbourne, Sydney, Brisbane, Adelaide and Video/Teleconference

ATTENDEES:

ATTENDEE	ORGANISATION	OFFICE
Dean Lane	Origin Energy	Sydney
Darren Pace	Alinta Energy	Sydney
Chris Muffett	AEMO (Chair)	Sydney
Emily Brodie	AEMO	Sydney
Austin Tan	AEMO (Secretariat)	Sydney
Hamish McNeish	AEMO	Brisbane
Oliver Jessup	Stanwell Corporation	Brisbane
Graeme Windley	AEMO	Melbourne
Malcolm Borschman	AEMO	Melbourne
Peter Spittle	Jemena	Melbourne
Robert Lo Giudice	IntelliHub Pty Ltd	Melbourne
Justin Betlehem	Ausnet	Melbourne
Chris Streets	AGL Energy Services	Remote - WebEx
David Woods	SA Power Networks	Remote - WebEx
Divya Kapoor	Flow Power	Remote - WebEx
Georgina Snelling	Energy Australia	Remote - WebEx
Glen Thomsen	APA Group Pty Ltd	Remote - WebEx
Paul Willacy	Aurora Energy Pty Ltd	Remote - WebEx
Linda Brackenbury	Plus ES	Remote - WebEx
Paul Greenwood	Vector Advanced Metering Services (Australia) Pty Ltd	Remote - WebEx
Stephanie Lommi	Lumo Energy Australia Pty Ltd	Remote - WebEx
Mark Williamson	Energy Queensland	Telephone
Prabpreet Calais	Australian Energy Market Commission (AEMC)	Telephone
Jeff Roberts	Evo Energy	Telephone
Piera Lorenz	Telstra	Telephone
Peter van Loon	Powershop	Telephone
Corinna Woolford	Aurora Energy	Telephone
Leanne Rees	TasNetworks	Telephone

Preliminary Matters

- Attendees were noted and welcomed to the Program Consultative Forum (PCF).
- The PCF confirmed the minutes of meeting number six held on 4 December 2018. The actions from meeting six have been reviewed and updated (see list below).

Matters for Noting

3. Program Update – G Windley (Slides 4-8)

AEMO presented a high-level transition plan for Dispatch and Bidding, Metering and Settlement systems. These included key milestones on procedure updates, the industry development schedule, AEMOs integration plan and the stakeholder engagement forums. The purpose is to show where participant plans fit into the industry schedule. AEMO requested feedback from participants, to update the transition plan for the following PCF.

AEMO noted that the 5MS program will be gradually transitioning to market readiness activities. More information on the high-level market readiness strategy will be presented at the coming PCF meetings.

Action 7.3.1: AEMO to present the 5MS high-level market readiness strategy in subsequent PCF meetings

4. Industry Risks & Issues – G. Windley (Slides 9-10)

The Industry Risk/Issue Register is available on the 5MS website [here](#).

The current risks and issues were reviewed by members, and a number of minor changes proposed. An updated version of the register will be distributed with the meeting notes, and also updated on the 5MS website.

Stanwell raised concerns that any participant systems would also need to be considered if there are any unexpected procedural changes that affect IT systems. Stanwell also suggested that the Industry Risk/Issue Register should include risk ratings. AEMO agreed and include risk ratings from AEMOs perspective going forward.

Powershop requested further details on AEMO's engagement plan with small participants. AEMO noted that this plan was develop last year and is being refined over time. AEMO is currently working with Telstra on its engagement approach with small participants, and welcomes any further suggestions from the PCF.

AGL suggested that AEMO should increase engagement with the AEMC to consider the impact of any further Rule changes on scheduling and resourcing of the 5MS program.

Origin requested the date for Risk 06 be moved out to 30 June 2021, before the program go live.

AEMO proposed the addition of the issue surrounding AEMO support for participant programs in 2022, leading up to the 1 December 2022 mandatory go live for new and replacement meters.

Action 7.4.1: AEMO to assign risk ratings to risk items in the Industry Risk/Issue Register

5. Procedures Work Stream – E. Brodie (Slides 11-14)

AEMO noted that procedures work stream is progressing well, with formal consultations now well underway.

AEMO reiterated that pre-consultation activities including PWG engagement and circulation of High-Level Impact Assessments is intended as early engagement between AEMO and the 5MS working groups. Commencement of the formal consultation occurs when the Notice of Consultation is published on AEMO's website. Formal submissions to the consultation are required for feedback to be considered in the draft and final determinations.

AEMO reminded participants that submissions on the draft report for Metering Package 1 is due to close soon on 15 February 2019. First round consultation submissions on the 5MS Settlement Revisions Policy will be due 22 February.

The next PWG is scheduled for 14 February, with the Dispatch Focus Group to follow on 15 Feb. The Metering and Settlements Focus Groups are planned for February/March.

6. Systems Work Stream – Mal Borschman (Slides 23-28)

Overall the system workstream is in a good position, with required key resources in place. Dispatch, Settlements and Metering workstreams are tracking well. Vendor negotiations in the retail stream is in finalisation, with development work expected to start February 2019.

The next Systems Working Group is planned for Monday 18th February 2019.

Origin queried the current level of engagement with the industry on the Technical Specification documents, HLIAs on development packages and scheduling of market trials. AEMO noted that currently the Systems Working Group (SWG) is the main forum these discussions, however will consider the suggestion from Origin to engage more broadly with the industry.

Action 7.6.1: AEMO to discuss suggestions for engaging more broadly with the industry on technical documentation.

7. Stakeholder Update – C. Muffett

AEMO reminded participants that a dedicated 5MS web location to access 5MS specific consultations has been launched. This website provides a summary of key dates and materials for each work package. The actions log is also now online to coordinate issues and actions coming out of the 5MS program.

AEMO noted that it will be commencing a further round of 1 on 1 discussions with the industry. Fact sheets that provide further detail specific to participant roles are planned for development in March.

Currently AEMO is recruiting additional resources to support the stakeholder engagement activities.

Matters for Discussion

8. AEMO architecture for 5MS – Satheesh Kumar

AEMO presented an overview of the 5MS architecture. This included uplifts on system applications, integrations, data, infrastructure and security to meet the 5MS and GS rule change requirements.

The 5MS architecture will be presented again at the Systems Working Group on 18 February 2019.

9. Non-mandatory components – C. Muffett

AEMO noted that the 3 metering components are no longer considered as optional components in light of GS final determination – AEMO has outlined a proposed approach in

the draft determination for Metering package #1. Reallocation changes are being considered in light of feedback from Settlements Focus Group

AEMO reiterated that Energy Storage system changes are still under consideration, and only applies to grid scale batteries over 5MW. Hence it is distinct from the DER program.

New items that were included involve AEMO working with HydroTas to identify possible options and benefits of alternative settlement approaches to reduce impact on participant systems. AEMO is also working with Energy Queensland to identify possible options and benefits for AEMO to deliver more granular intermediate energy data, and possibly reduce the need for participants to independently perform profiling and reconciliation.

Action 7.9.1: PCF to provide feedback on level of interest in participating in workshop on reconciliation and profiling.

Other Business (Slide 30-31)

10. General Questions – C. Muffett

There were no general questions.

11. Next meeting

The next Program Consultative Forum meeting is scheduled for Friday, 8 March at 10 am.

The meeting closed at 12.17 pm.

12. Update of Previous Action Points & New Actions Raised

Item	Topic	Action required	Responsible	By
PCF 2				
PCF 3				
3.1.1	Program Update High Level status	AEMO to consider items discussed in one-on-one meetings being published. 4 Oct – To be published towards end October 2018.	Gary Eisner	8 Feb: Fact sheet has been distributed CLOSE
PCF 5				
5.3.1	Program Update	Understand what AEMO are prepared to share with the industry regarding internal architecture.	Graeme Windley	8 Feb: AEMO technology architecture covered as part of PCF #7 CLOSE
5.6.2	Systems Work Stream Update	Victorian MPs & 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	8 Feb: Has now been identified as an industry issue CLOSE
5.8.1	Matters for Discussion	AEMO to investigate how co-ordination to occur across workstreams.	Chris Muffett	8 Feb: AEMO is putting together an AEMO meeting calendar, and a consultation calendar. Proposing to present an early draft at the next PWG on 14 February, and bring back to PCF meeting. OUTSTANDING
PCF 6 – New Actions				
6.3.1	DER Program	Distribute next month's DER program timeline for DER to give industry an understanding of high level timings.	Chris Cormack	8 Feb: To be followed up for next meeting. OUTSTANDING

6.4.1	Program Update	Industry moving to five-minute settlement anytime from Jul 2021 to Dec 2022 and a testing environment. Discuss requirements and consider impacts across SWG and PWG.	Emily Brodie Peter Spittle Justin Betlehem Robert Lo Giudice	8 Feb: As per Action 5.6.2, this is now raised as an industry issue. CLOSE
6.4.2	Program Update	Robert Pane (Infigen), Owen Self (Stanwell) and Hamish to follow up timing of the industry's program and possible emerging risk with a relationship to R02.	Hamish McNeish	CLOSE
6.4.3	Program Update	AEMO to consider if readiness can be bought forward with respect to procedures, systems and resources.	Graeme Windley & Chris Muffett	8 Feb: Will be reviewed as part of readiness strategy discussions OUTSTANDING
6.5.1	Risks and Issues	Review risks and issues quarterly at the PCF	Chris Muffett	8 Feb: Review of industry risks/issues as part of PCF #7 CLOSE
6.5.2	Risks and Issues	Review and amend due date for R06.	Graeme Windley & Chris Muffett	8 Feb: Actioned as part of risk register review at PCF #7 CLOSE
6.7.1	Systems Workstream	Updated vendor list to be re-circulated.	Gary Eisner	CLOSE
6.7.2	Systems Workstream	Re-send invite.	Jenny Fikret	CLOSE
6.7.3	Systems Workstream	Vendor feedback to be reviewed.	Chris Muffett and PCF members	CLOSE
6.9.1	Matters for Discussion -Recap of Technology Update from Executive Forum	G Windley to come back with benefits and API costs.	Graeme Windley	8 Feb: Update to be provided at next meeting OUTSTANDING

6.10.1	Other business	Review technology options for PCF, including webinar	Chris Muffett	8 Feb: Webex is now preferred technology option. CLOSE
7.3.1	Readiness	AEMO to present the 5MS high-level market readiness strategy in subsequent PCF meetings	Chris Muffett	NEW
7.4.1	Industry Risks and Issues	AEMO to assign risk ratings to risk items in the Industry Risk/Issue Register	Graeme Windley	NEW
7.6.1	Systems Workstream	AEMO to discuss suggestions for engaging more broadly with the industry on technical documentation.	Malcolm Borshman	NEW
7.9.1	Other business	PCF to provide feedback on level of interest in participating in workshop on reconciliation and profiling.	PCF members	NEW