

5MS and GS – Meeting Notes

MEETING: PCF #15
DATE: Thursday, 3 October 2019
TIME: 10:00 AM – 1:00 PM
LOCATION: AEMO Offices in Melbourne, Sydney, Brisbane, and by WebEx

Preliminary Matters

1. Welcome, Introduction, Attendance and Apologies – P. Carruthers (slide 2)

AEMO noted that the meeting was being recorded for the purposes of preparing meeting notes and requested for dial-in attendees to email 5ms@aemo.com.au for inclusion on the attendees list.

2. Minutes and Actions from Previous Meeting – P. Carruthers (slide 5)

PCF members confirmed the notes of Meeting 14, held on 6 September August 2019.

AEMO noted written feedback from Stanwell regarding discussion at agenda item 10; the meeting notes will be updated to more clearly reflect the discussion and the request from participants for Risk R0 to remain “critical”.

The current status of actions is available in the table at the end of the notes.

Matters for Noting

3. Program Update – G. Windley (slides 7-11)

AEMO provided a Program and milestone update and overview, noting that there are no points of concern for milestone delivery at this time.

AEMO provided clarity to Level 1 milestone L1-8, that the date for completion is when all elements are in the Staging Environment at 1 December 2019, rather than the first element on 1 November.

Energex noted that the MNSP accreditation plan is not covered in the Level 2 milestone timeline.

Action 15.3.1: AEMO to include the accreditation plan milestone in the timeline.

AEMO noted the increasing engagement by participants via the 5MS mailbox had created some delays in responses to inquiries and additional resources have been allocated to reduce turn-around times for responses.

AEMO noted the increased focus via AEMO Readiness on the metering aspects of the Program, particularly with the established of the Metering Transition Focus Group.

4. Systems Workstream Update – G. Windley (slides 13-19)

The Systems Workstream update was provided. AEMO noted that the workstream is tracking to the Metering, Dispatch and Settlements Level 2 milestones, with the delivery of Technical Specifications and Staging Environment Software drops continuing to be delivered on time.

Stanwell sought confirmation regarding the Dispatch Technical Specification covering JSON File Format remains in draft and is concerned that further information and detail is required. AEMO clarified later in the meeting the document they were referring to was the user guide which is due to be delivered on 31 October 2019 in accordance with the timelines. However all information that is required to develop the Bidding APIs is provided within the EMMS Technical Specification which was published in July 2019.

AEMO noted that B2M via API would not be going to the 5MS Staging Environment, as the deployment of this is at 30 minutes (and the 5MS Staging environment is for 5-minute functionality only) this will be deployed directly to the pre-production environment.

Participants were requested to provide feedback regarding RM Reports.

Action 15.4.1: Participants to provide feedback regarding the following matters by 18 October:

- **RM reports Change Request – please provide more information re Participant Business Benefit for Continuation of 30-minute RM and Settlement reports.**
- **An indication as to which RM reports are most critical, for AEMO to consider aligning drops into the 5MS Staging environment (noting constraints within our internal delivery).**

5. Readiness Workstream Update – G. Minney (slides 21-24)

The Readiness Workstream update was provided. Readiness milestones have now been finalised in line with discussions with the RWG. AEMO noted that the Readiness Workstream was issuing the draft Strategies as per the milestones.

Stanwell sought clarification on AEMO's approach to the roll-back strategy. AEMO confirmed that the roll-back is in relation to a cut-over roll-back during a system test, not a market roll-back. AEMO has not considered a market roll-back at this time.

Action 15.5.1: AEMO to facilitate discussion at the October RWG to finalise the approach and position in relation to cut-over and market roll-back.

6. Procedures Workstream Update – E. Brodie (slides 26-30)

AEMO noted that the Procedures Working Group has ceased formal meetings and all outstanding packages are nearing completion. AEMO confirmed that it will continue to communicate with PWG members via email.

Stanwell sought clarification in relation to the proposed Reconciliation Support Workshop. AEMO noted that the workshop will be held on 18 November and invitations will be sent to PWG and SWG members.

7. Change Request Update

CR04 – the work associated with implementing Fast Start Inflexibility Profiles (FSIP) under this Change Request (CR) has been accepted and incorporated into the work program.

AEMO noted that in order to take price sensitivities aspect of CR04 forward for evaluation that a new CR would be created to enable these matters to be managed independently. AEMO recognises participants request to assess price sensitivities, but in order to run price sensitivities request, without compromising AEMO delivery of 5-minute data, there are a number of challenges. AEMO will be seeking participant feedback via the Dispatch Focus Group, to identify benefits to participants as part of the evaluation.

Action 15.7.1: AEMO to seek feedback from the Dispatch Focus Group on Pre-dispatch CR04 price sensitivities.

CR18 – has been approved and accepted into the Program. It is able to be removed from the CR “under consideration” list.

CR19 – AEMO seeking additional information on this matter from PCF and SWG members.

CR26 – activities have been placed on hold as AEMC review Mandatory Restrictions.

AEMO highlighted a proposed new CR on 30-minute trading information. The intended approach is to work with the SWG under which participants are seeking this information and to refine the request and understand the preferred approach for aggregation

Action 15.7.2: AEMO to work with the SWG to seek information and direction in relation to the proposed 30-minute trading information CR.

8. Draft Market Readiness Strategy – Emily Brodie (slides 35-37)

AEMO received 10 responses on the Draft Strategy. The final Market Readiness Strategy will be published by 15 November 2019.

9. Round 2 – Interim Readiness Reporting Update – G. Minney (slides 39-48)

AEMO provided an overview of the responses from the Round 2 of Interim Readiness Reporting.

AEMO received some additional feedback from the RWG in regard to undertaking the final questionnaire and reporting, which will be incorporated into the final questionnaire and report (Round 3).

AGL commented on the observation that Generators appear to be answering questions in relation to Global Settlement, noting that it responded to the questionnaire as both a generator and retailer in one. This may be causing the anomaly in the questionnaire responses.

Action 15.9.1: PCF Members to provide feedback in relation to AEMO’s assumption that there are no impacts from Global Settlement to generators – PCF members to advise if Global Settlements does impact generators.

Matters for Discussion

10. Industry Risks & Issues Register (slides 50-57)

AEMO noted that the Risks & Issues discussion was structured to discuss the new and more critical matters first. Additionally, AEMO has revised the full Register to include a Residual Risk rating.

R14 (new) – Accepted

- Participants noted the need for further discussion and advice from the RWG, focusing on the need to ensure that the actions and approach better align to the risk
 - For example, Transition Focus Group to develop transition plans, communications of industry Readiness, etc

R15 (new) – Accepted

- AEMO will have more clarity on the risk once the MSP accreditation strategy is finalised

- Participants suggested that it would be more appropriate for this risk to be split into separate risks for AEMO and MSPs; there are different risks and therefore different mitigation strategies for each component for the risk
- RWG will provide further guidance on how to manage the risk and appropriate mitigations

R16 (new) – Accepted

R17 (new) - Accepted

- AEMO created this risk following discussion at PCF #14.
- AEMO outlined the relevant activities that had been carried out over the past 12 months in the actions section.
- Stanwell noted that in terms of business efficiency, it was important to consider the access to and quality of technical specifications and other documents, which will impact the ability of industry to understand likely costs.
- Stanwell also noted the various timelines provided across forums impacts participants' ability to understand the timing of deliverables and important dates.
- **Action 15.10.1: AEMO to review how to better present multiple timeframes in a consolidated form.**
- **Action 15.10.2: Seek SWG to provide feedback on the clarity of technical specifications at draft and final stages.**
- AGL noted that industry cost considerations are a matter for the organisation's management and board.
- Further, AGL noted the critical deliveries being undertaken by AEMO, for example the MDM platform, it was important to keep these cost discussions balanced with the need for a quality delivery to industry.
- IntelliHUB noted that Origin had raised the potential for a rule change amendment at the last PCF meeting. Origin advised that no rule change had been submitted.

R18

- A new risk raised by Energy Queensland following on from RWG discussions, that an additional risk to R02 is created, to reflect the interim deliveries across the program and managing readiness against the deliveries.
- Origin supported the approach for a separate as the issues would have a separate set of actions.
- AEMO noted that it would take the discussion to the RWG and finalise the approach to creating a new risk and identifying actions

I05

- Noted
- Participants noted that the issue was green and should remain as such for this time.

I06

- Noted
- AEMO noted that uncertainty would remain until the relevant strategies are developed.

I07

- Noted
- Stanwell noted that a number of items are being moved to the RWG to be dealt with and requested clarification as to how and where these are being addressed.
- AEMO noted that these matters have been included in the strategies that have been released in draft form in recent weeks. AEMO is seeking feedback from participants on the draft strategies to ensure that they adequately address matters discussed in the PCF and RWG.
- Origin suggested that the RWG have a specific Out-of-Session meetings, for instance a specific risk & issue discussion, to enable matters to be progressed in a more time sensitive manner.

- **Action 15.10.3: OOS RWG meeting/s to discuss the Industry Risks and Issue Register.**

R02

- Origin noted that in line with earlier discussions that R02 will be split to separate transition delivery for AEMO and industry.

R06

- Noted
- Stanwell noted that clarity was required as to how AEMO would determine or understand how AEMO will develop an understanding of industry priorities. AEMO noted this point and the importance of continuing to work

R01

- Energy Queensland suggested an action related to providing more information regarding decisions from working groups and providing access to transitional plans on the website.
- AEMO confirmed that the Readiness Workstream webpage will be updated shortly to allow for inclusion of draft documents as they are released and sought further information from EQ regarding decision reporting beyond the actions list.
- Origin sought clarification as to how participants that were not members of the PCF, particularly small participants, were being assessed for Readiness activities and progress.
- **Action 15.10.4: AEMO to provide an update as to how it will include non-PCF industry participants, particularly small participants, in the Readiness Reporting commencing in 2020.**

R03a

- Close risk as the stream is winding up and no further consultation will occur over the summer period
- Origin noted that participants not engaged in the work streams, particularly procedures, may have difficulty to track matters where they are transitional matters and not in the final procedures, due to the lack of linkages between working group discussions, transitional provisions and procedures.
- **Action 15.10.5: Review the small participant action plan to ensure that transitional provisions are visible and linked to procedures.**
- Origin noted that a residual issue remains. AEMO recommended that this matter is added to R14 and addressed through this risk.

R03b

- Origin noted that the language needed to be updated to reflect the new terminology in relation to UAT (User Acceptance Testing).
- **Action 15.10.6: AEMO to update to reflect revised terminology from UAT to Industry Test and Market Trial.**

R08

- Origin sought clarification regarding the intent of this risk.
- AEMO confirmed that this was included at the request of the PCF/PWG that subsequent Procedures amendments are identified/required as part of implementation.

AEMO sought feedback from PCF members in relation to the approach to the quarterly review of the Industry Risk and Issues Register.

Participants noted general support for the approach, noting that it may be worthwhile for AEMO to seek written feedback ahead of each PCF and to ensure that actions against the risks and issues were clearer.

Action 15.10.7: AEMO to review risk and issue actions for significant items to ensure that they are more clear and “actionable” activities, to enable improved tracking and reported.

11. Staging Environment – G. Windley (slides 59-64)

AEMO provided an overview to the Staging Environment as an initial testing environment for industry to test their interfaces to trial industry system builds as well as identifying any defects in AEMO’s systems.

Origin questioned if AEMO would be communicating known defects to participants to ensure general awareness. AEMO agreed this would be good to implement.

Action 15.11.1: AEMO to provide confirmation of an approach to communicating known Staging Environment defects to participants.

12. Cost Consultation: Draft Report update – P. Carruthers (slide 65)

AEMO noted that the Draft Report and Determination was released on 24 September 2019, which noted that it was determined that the project met two of the three criteria to be a declared NEM project. <https://www.aemo.com.au/Stakeholder-Consultation/Consultations/Declared-NEM-Project--5MS-Program>.

AEMO highlighted that the Draft is open for consultation until 9 October 2019. Upon consideration of the AEMO will publish the Final Report and Determination by 20 November 2019.

13. Vendor Information Session – G. Windley (slide 67)

AEMO highlighted the approach to the Vendor information session and proposed agenda. The invitation to the vendor information session has been sent out.

Action 15.13.1: PCF members to advise AEMO of any further vendors that should be included in the invite list.

Other business

14. General Questions – P. Carruthers (slide 63)

No questions raised.

15. Forward Meeting Plan – P. Carruthers (slide 64-66)

Origin noted that the forward agenda should include the opportunity for new risks and risk updates to be included in the November agenda.

AEMO proposed that the PCF meeting for January is skipped and 2020 PCF meetings are commenced in February.

AEMO noted that the next Executive Forum meeting would be held on 11 November 2019.

The meeting closed at 1:00pm.

Item	Topic	Action required	Responsible	Status
PCF 15				
15.3.1	Program Update	AEMO to include the accreditation plan milestone in the timeline.	AEMO	Update for review at PCF #16
15.4.1	Systems Workstream Update	Participants to provide feedback regarding the following matters by 24 October: <ul style="list-style-type: none"> • RM reports Change Request – please provide more information re Participant Business Benefit for Continuation of 30-minute RM and Settlement reports. • An indication as to which RM reports are most critical, for AEMO to consider aligning drops into the 5MS Staging environment (noting constraints within our internal delivery). 	PCF Members	Responses due 24 October 2019
15.5.1	Readiness Workstream update	AEMO to facilitate discussion at the October RWG to finalise the approach and position in relation to cut-over and market roll-back.	AEMO	RWG #5 – 22 October 2019
15.7.1	Industry Risks & Issues Register	AEMO to hold discussion with and seek feedback from the Dispatch Focus Group on Pre-dispatch CR04	AEMO	Update for review at PCF #16
15.7.2	Industry Risks & Issues Register	AEMO to work with the SWG to seek information and direction in relation to the proposed 30-minute trading information CR.	AEMO	Update for review at PCF #16
15.7.3	Industry Risks & Issues Register	PCF Members to provide feedback in relation to AEMO assumption that there are no impacts from Global Settlement to generators if there are alternative views	PCF Members	24 October 2019
15.7.4	Industry Risks & Issues Register	AEMO to review how to better present multiple timeframes in a consolidated form.	AEMO	Update for review at PCF #16

15.7.5	Industry Risks & Issues Register	SWG to provide feedback on the clarity of technical specifications at draft and final stages.	SWG	SWG #15 – 21 October 2019
15.7.6	Industry Risks & Issues Register	OOS RWG meeting/s to discuss the Industry Risks and Issue Register.	RWG	RWG #5 – 22 October 2019
15.7.7	Industry Risks & Issues Register	AEMO to provide an update as to how it will include non-PCF industry participants, particularly small participants, in the Readiness Reporting commencing in 2020.	AEMO	Update for review at PCF #16
15.7.8	Industry Risks & Issues Register	Review the small participant action plan to ensure that transitional provisions are visible and linked to procedures.	AEMO	Update for review at PCF #16
15.7.9	Industry Risks & Issues Register	AEMO to update to reflect revised terminology from UAT to Industry Test and Market Trial.	AEMO	Update for review at PCF #16
15.7.10	Industry Risks & Issues Register	AEMO to review risk and issue actions for significant items to ensure that they are more clear and “actionable” activities, to enable improved tracking and reported.	AEMO	Update for review at PCF #16
15.11.1	Staging Environment	AEMO to provide confirmation of an approach to communicating Staging Environment defects to participants.	AEMO	Update for review at PCF #16
PCF 14				
14.3.1	Industry Risks and Issues Register	AEMO to review the Industry Risks and Issues Register and the cost efficiency of AEMO’s approach to Program delivery, both in relation to AEMO and Industry.	AEMO	Closed
14.10.1	Vendor Engagement	PCF Members to provide AEMO with a list of all relevant vendors to ensure that they are able to be included in the October 2019 vendor information session.	PCF Members	Closed
14.11.1	Industry Engagement Structure	PCF Participants to provide views and comments on the future of AEMO’s engagement.	PCF Members	Responses due 21 October 2019