5MS Procedures Working Group (PWG) Meeting Notes

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| MEETING: | 5 |
| DATE: | Monday 19 November 2018 |
| TIME: | 10:00 AM - 1:00 pm |
| LOCATION: | AEMO Offices Melbourne, Sydney, Brisbane, Adelaide and Video/Teleconference |

Attendees:

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| **Attendee** | **Organisation**  |  |
| Shaun Cole | Origin Energy | Melbourne |
| Justin Betlehem | AusNet Services | Melbourne |
| Georgina Snelling | Energy Australia | Melbourne |
| Rajib Balasubramanian | Jemena | Melbourne |
| Mark Riley | AGL | Melbourne |
| Chantal Wright | Momentum | Melbourne |
| David Ripper | AEMO | Melbourne |
| Jason Pereira | Landis & Gyr Pty Ltd | Sydney |
| Emily Brodie | AEMO | Sydney |
| Austin Tan | AEMO | Sydney |
| Adam Gritton | Stanwell Corporation Limited | Brisbane |
| Yenyen Relingo | Energy Queensland | Brisbane |
| Carolyn Hope | Energy Queensland | Brisbane |
| Sharleen Flanagan | ERM Power Limited | Brisbane |
| Blaine Miner | AEMO | Brisbane |
| Adrian Honey | TasNetworks | Dial in |
| Martin Ralph | Hydro Tasmania (Hydro-Electric Corporation) | Dial in |
| David Woods | SA Power Networks | Dial in |
| Piera Lorenz | Telstra | Dial in |
| Divya Kapoor | Flow Power | Dial in |
| Chris Streets | AGL Energy Services | Dial in |
| Paul Greenwood | Vector Advanced Metering Services | Dial in |
| Jeff Roberts | Evoenergy | Dial in |
| Tim Lloyd | Essential Energy | Dial in |
| Anders Sangkuhl | Alinta Energy Retail Sales | Dial in |
| Ingrid Farah | Ergon Energy | Dial in |
| Jonathan Briggs | Metering Dynamics | Dial in |

1. **WELCOME, INTRODUCTION and APOLOGIES** – Emily Brodie (AEMO) – Slide 1 to 2

Attendees were welcomed to the fifth Procedures Working Group meeting.

AEMO acknowledges that its video conferencing facilities are currently being upgraded and apologises for sound quality issues.

**MINUTES & ACTIONS FROM PREVIOUS MEETING** – Emily Brodie (AEMO) – Slide 3 to 6

The Procedures Working Group confirmed the minutes of PWG meeting number four held on 11 October 2018.

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

1. **PROCEDURES WORKSTREAM UPDATE, INCLUDING FOCUS GROUP UPDATES** – Emily Brodie (AEMO) – Slide 7 to 11

The procedures workstream is tracking well with a few 5MS related consultations commencing or underway. Consultation on Settlements Estimations will commence 26 November, with consultation for Settlement Revisions to commence 14 December. Consultation for Metering Package 1 is currently underway, with first stage submissions due 28 December, and the final rule expected on 22 March 2019.

Consultation on the Credit Limit Procedure (CLP) has been delayed to early 2019. This is because AEMO has identified that the reallocation procedures will likely have an impact on the CLP.

The Settlement Focus Group and Dispatch Focus Group is reconvening on 26 November and 27 November in Melbourne.

AEMO noted that the meeting invites for the Settlements Focus group has been extended to others that were not on the nominations list. AEMO reiterated that the number of attendees is limited to facilitate productive discussion.

1. **DEBRIEF ON METERING FOCUS GROUP** – David Ripper (AEMO) – Slide 12 to 19

The second Joint Metering/Systems Focus Group was held on 12 November. Topics discussed at the workshop are as below:

* AEMO’s program for transitioning to 5-minute meter data
* Profiling methods for converting 15 and 30-minute reads to 5-minute resolution for non-controlled loads and controlled sample meters
* Alignment to B2B processes for register level meter data and non-energy meter data
* File size and communications capability
* Potential removal of various RM reports

More information on the discussion and outcomes are available in the PWG 5 Meeting Pack. This will be made available at: <http://www.aemo.com.au/Electricity/National-Electricity-Market-NEM/Five-Minute-Settlement/Procedures-Workstream/Procedures-Working-Group>

A question was raised concerning the treatment of solar under the proposed profiling methodology for non-controlled meters. AEMO responded that the impact of solar would be picked up in the net meter reads supplied to AEMO from MDPs.

A question was raised concerning the proposed 1 July 2022 end date for interval meter reads being provided to AEMO via MDMF. AEMO responded that AEMO was allowing a 12-month transition from the Rule commencement date, to have all interval meter reads being delivered via MDFF. This date was discussed in the Metering Focus Group workshop on the 12 Nov 2018 and no concerns were raised by MDPs in attendance.

A suggestion was made to check with the NMI Standing Data project to see if there were any implications on the RM reports being identified for retirement.

**ACTION 5.3.1**: AEMO to check whether there are any dependencies between the RM reports that have been identified for retirement the NMI Standing Data project.

1. **METERING PACKAGE 2 INTRODUCTION** – David Ripper (AEMO) Slide 20 to 22

AEMO provided an overview of the procedures expected to be covered in Package 2. The package will consider any requirements coming out of the Global Settlements Final Rule, to be released on 6 December, and the 5MS Rule. Package 2 is expected to be released for first stage consultation in April 2019.

AEMO will present high level impact assessments on this package in January 2019. The Consultation paper will be released in April 2019, with the final procedure and determination due to August 2019.

1. **DEBRIEF ON DISPATCH FOCUS GROUP** – Emily Brodie (AEMO) – Slide 23 to 31

The second dispatch focus group had a good turnout and was a productive session. Topics that were discussed include:

* Extending and expanding 5-minute pre-dispatch
* Use of 5-minute data in 30-minute processes
* Transition to 5-minute bidding. AEMO will start to accept 5-minute bids 3 months before 5MS go live
* Participants plans to transition
* Dispatch instruction timing
* “Zero” fixed load

AEMO acknowledges that there has been interest from participants to align the electricity trading day with gas trading day. If this change were to occur, it would be out of the scope of 5MS and would require a rule change. Participants would need to present a case for change and engage with AEMO.

A question was raised concerning default bids. AEMO clarified that any default bids submitted in 30 minute format before commencement of 5MS will be converted to 5 minutes in accordance with a 5MS transitional rule [NER 11.103.07].

1. **GENERAL QUESTIONS** – Emily Brodie (AEMO) – Slide 34

One Participant noted that there might be opportunities to coordinate 5MS forums with other AEMO industry events. AEMO will continue to monitor for any future opportunities to synchronise 5MS forums with other events when possible.

It was noted that the Distributed Energy Resources (DER) program is ramping up and would potentially cross-over with the 5MS program. A presentation on the DER program is planned for the next Program Consultative Forum (PCF). AEMO will update the PWG on possible impacts to 5MS as relevant.

**ACTION 5.6.1**: AEMO to update PWG on any possible impacts of the DER program to the 5MS program

1. **FORWARD MEETING PLAN** – Emily Brodie (AEMO) – Slide 32 to 33

Attendees were thanked for their attendance and advised of future PWG meetings for 2018:

* Thursday, 13 December 2018
* Monday, 21 January 2019

Procedures focus groups:

* Settlements focus group – Monday 26th November, Melbourne
* Dispatch focus group – Tuesday 27th November, Melbourne

Next Program Consultative Forum

* Tuesday 4 December

Next Executive Forum

* Tuesday 12 February 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>.

| **Item** | **Topic** | **Action required** | **Responsible** | **By** |
| --- | --- | --- | --- | --- |
| **PWG 2** |
| 1.6.2 | Packaging and Prioritising Procedures | Participants to provide AEMO with feedback on the prioritisation of procedures. Email feedback to 5ms@aemo.com.auNo feedback received, assume packaging is suitable. At this stage not planning to alter proposed timing. Ricky Brooks, Stanwell – reallocations package occurring late Q1 Q2 and parties may be entering into reallocation contracts. **ACTION:** PWG members to provide information to AEMO about the suitability of reallocation procedure package timing. **ACTION:** AEMO is still considering timing, to be finalised in December after the Settlements Focus Group.**ACTION**: Prudentials date on Draft Document to be amended for correct year | PWG membersPWG membersAEMOAEMO | 14/8/2018COMPLETEDecember PWG meetingCOMPLETE |
| 1.8.1 | Metering Procedures | The metering focus group and the SWG are to investigate whether there are data volume delivery constraints because of 5MS or global settlements with the current delivery timeframes. PCF and PWG to be informed of progress.Under discussion and will inform PCF and PWG of developments. | David Ripper (AEMO)ONGOING | 24/08/2018Ongoing |

| **Item** | **Topic** | **Action required** | **Responsible** | **By** |
| --- | --- | --- | --- | --- |
| **PWG 3** |
| 3.3.1 | 5MS Drafting Amendments | The PCF is seeking input from the PWG on the potential 5MS drafting amendments around a bidding data soft cutover, and other areas of the 5MS rule. | PWG membersONGOING | 31/12/2018 |
| 3.4.1 | Prudentials Procedures | PWG to provide feedback on whether a reduced consultation for the CLP procedure would be appropriate | PWG members | COMPLETE |
| 3.4.2 | Prudentials Procedures | PWG to provide feedback on proposed options to update the CLP procedures | PWG members | COMPLETE |
| 3.5.1 | General Questions | Investigate the risks and benefits associated with the alignment of the electricity trading day with either the gas trading day or the calendar day. Report back to the Dispatch Focus Group and PWG. | Gary Eisner (AEMO) | COMPLETE |
| **Item** | **Topic** | **Action required** | **Responsible** | **By** |
| **PWG 4** |
| 4.1.1 | Transitional Arrangements | AEMO will communicate its high-level transition plan across metering, settlements and dispatch at the December PCF, PWG and SWG meetings | AEMO | December PWG meeting |
| 4.2.1 | PWG scheduling | AEMO to confirm new date of PWG 5 | AEMO | COMPLETE |
| 4.3.1 | Settlements Procedures - Miscellaneous | PWG to provide feedback on proposed changes to the Settlement Guide to Ancillary Services Payment and Recovery, and AEMO’s proposed consultation approach. | PWG | COMPLETE |
| 4.3.2 | Settlements Procedures - Miscellaneous | PWG to provide feedback on proposed changes to settlement guides and overview documents, and AEMO’s proposed consultation approach. | PWG | COMPLETE |
| 4.3.3 | Transitional Arrangements | AEMO to advise PWG on existing forums that could be used for discussions relating to transitional arrangements for settlements. | AEMO | COMPLETE |
| 4.3.4 | Transitional Arrangements | PWG to provide feedback if a separate focus group to discuss settlements transitional arrangements will be beneficial and what suitable timing would be. | PWG | COMPLETE |
| 4.3.5 | Settlements Procedures - Miscellaneous | PWG to provide feedback on proposed changes to the NEM Settlements Revision Policy, and AEMO’s proposed consultation approach. | PWG | COMPLETE |
| 4.4.1 | Dispatch Procedures – Spot Market procedures | PWG to provide feedback on proposed changes to the dispatch package of spot market procedures, and AEMO’s proposed consultation approach. | PWG | COMPLETE |
| 4.6.1 | Settlements Procedures - Miscellaneous | PWG to provide feedback from participants if a Settlements Working Group will be required to discuss potential 5MS and Global Settlement issues. | PWG | COMPLETE |
| 4.5.1 | Metering Procedures | Local Retailers and Distributors to provide information about off-market unmetered loads. | PWG | 4/12/2018 |
| **PWG 5** |
| 5.3.1 | Metering Procedures | AEMO to check whether there are any dependencies between the RM reports that have been identified for retirement the NMI Standing Data project. | AEMO | 13/12/2018 |
| 5.6.1 | DER Program | AEMO to update PWG on any possible impacts of the DER program to the 5MS program | AEMO | Ongoing |