FIVE MINUTE SETTLEMENT – METERING PROCEDURE CHANGES (PACKAGE 1)

PROCEDURE CONSULTATION

FIRST STAGE PARTICIPANT RESPONSE TEMPLATE

***Participant**: Aurora Energy*

***Submission Date**: 28/12/2018*

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1. Context

This template is to assist stakeholders in giving feedback about the changes detailed in the initial draft procedures associated with the 'Five-Minute Settlement Metering Procedure Changes – Package 1' consultation.

The changes being proposed are as a result of the Australian Energy Market Commission making a final rule to align operational dispatch and financial settlement at five minutes, starting 1 July 2021.

The Rule change requires the collection, storage and delivery of revenue metering data based on five-minute intervals for use in energy settlement, network and retail billing.

2. Metrology Procedure: Part A

Section	Description	Participant Comments
3.9	The end of each TI must be on the hour (EST) and each continuous period of 5 minutes thereafter.	AE unsure if the "Where a metering installation records interval energy data the interval periods are based on TIs, or parts of a TI, 15-minute intervals or 30-minute intervals:" makes sense ? Aurora Energy agrees with the addition
7	Removal of South Australia requirement (2) Removal of Tasmania requirement (2)	Aurora Energy agrees with the removal of point 2
12.2 (f)	Change to clause reference	Aurora Energy agrees with the change
12.8.2(b)	Change in section reference	Aurora Energy agrees with the change

3. Metrology Procedure: Part B

Section	Description	Participant Comments
2.6	Update to page references	Aurora Energy agrees with the change
11.2.1	Update to section reference to Metrology Procedure: Part A	Aurora Energy agrees with the change
11.2.2	Update to section reference to Metrology Procedure: Part A	Aurora Energy agrees with the change
11.2.3	Update to section reference to Metrology Procedure: Part A	Aurora Energy agrees with the change
11.3.1	Update to section reference to Metrology Procedure: Part A 'Half hourly' reference updated to 'Interval'	Aurora Energy agrees with the change
11.3.2	Update to section reference to Metrology Procedure: Part A Change end dates from '23:30' to '23:55'	Aurora Energy agrees with the change
11.4	Update to section reference to Metrology Procedure: Part A	Aurora Energy agrees with the change

Section	Description	Participant Comments
	'Half hourly' reference in formulas updated to 'TI' 'Half hourly' reference updated to 'Five minute' Updates made to formulas	
11.5	Update to section reference to Metrology Procedure: Part A Change end dates from '23:30' to '23:55'	Aurora Energy agrees with the change
11.6	Change end dates from '23:30' to '23:55'	Aurora Energy agrees with the change
12	New section added to detail the conversion of interval metering data, previous section 12, and following section numbering, have been changed due to this insertion	Aurora Energy agrees with the change
13.1.4	Update to section references	Aurora Energy agrees with the change
13.2.2	Update to section reference to Metrology Procedure: Part A	Aurora Energy agrees with the change
13.2.4	Update to section references Update to formulas	Aurora Energy agrees with the change
13.2.5	Update to formulas	Aurora Energy agrees with the change

Section	Description	Participant Comments
13.2.6	Update to section references Update to formulas	Aurora Energy agrees with the change
13.3	Update to section references	Aurora Energy agrees with the change
13.3.2	Update to section reference to Metrology Procedure: Part A	Aurora Energy agrees with the change
13.4	Update to section reference	Aurora Energy agrees with the change
13.5.2	Update to section reference to Metrology Procedure: Part A	Aurora Energy agrees with the change
13.5.4	Update to section reference Update to formulas	Aurora Energy agrees with the change
13.5.5	Update to formulas	Aurora Energy agrees with the change
14.1	Update to section reference	Aurora Energy agrees with the change
14.3	Update to section reference	Aurora Energy agrees with the change

4. Meter Data File Format (MDFF) Specification NEM12 & NEM13

Section	Description	Participant Comments
3.3.3	Included references to five-minute interval metering data	Aurora Energy agrees with the addition
4.3	NMI data details record (200) - Added '5' to the Interval Length field Definition	Aurora Energy agrees with the addition
Appendix H	Section added to include five-minute meter data file example	Aurora Energy – with the interval length moving to 4 demimal places as part of 5ms – is it worth showing this in this example ?

5. Retail Electricity Market Glossary and Framework

Section	Description	Participant Comments
4.4.4	Removal of NEM12 & NEM13 File Clarifications	Aurora Energy agrees with the change
5	Addition of various glossary items, including those from the 'Meter Data Provision Procedure'	Aurora Energy agrees with the change

6. Meter Data Provision Procedure

Section	Description	Participant Comments
1.1	Changes to NER clause references and minor administrative updates	Aurora Energy agrees with the change
1.2.1	Glossary removed and now included in the Retail Electricity Market Procedures – Glossary and Framework document	Aurora Energy agrees with the change
1.2.2	Interpretation section removed from the document	Aurora Energy agrees with the change
1.3	Retail Electricity Market Procedures – Glossary and Framework added as a related document	Aurora Energy agrees with the change

7. Other Issues Related to Consultation Subject Matter

Heading	Participant Comments
Profiling 15 and 30-minute meter reads to 5-minute trading intervals	
• What is your view on the proposed profiling approach for 15 and 30-minute non-controlled load meter reads	At this stage, Aurora Energy is happy with the approach

Heading	Participant Comments
and why?	
• What is your view on the proposed profiling approach for 30-minute controlled load meter reads and why?	Tasmania has very few Controlled load meters and therefore Aurora Energy has no view on this point
• Are there better profiling options to accommodate 5MS, that better achieve the required objectives? What are the pros and cons of these options? How would they be implemented?	At this stage Aurora Energy has no better profiling suggestions
Meter Data Delivery to AEMO	
• What are your views on AEMO transitioning to MDFF and why?	Aurora Energy supports the Transition for AEMO using MDFF.
• What are your views on AEMO supporting the reception of register level meter data and why?	Aurora Energy supports AEMO supporting reception of register level meter data, however, there would need to be a clean up of Registers and Suffix prior to this being used as part of 5MS. It is well known that there is are many variations in both Register and Suffix and these would need to be corrected before using the register.
• What are your views on MDPs sending the same files to both market participants and AEMO, energy and non-	Aurora Energy view is that it we see no reason not to send and use the same files to AEMO. Retailers, DNSP's and other participants use these files currently and see no reason why AEMO could not use the same files, in the same way.

Heading	Participant Comments
energy, and why?	
• What are the main challenges in adopting these proposed changes? How should these challenges be addressed?	Aurora Energy generally does no see an issue adopting the proposed changes. We do believe though that the Register and Suffix issues would need to be fixed before using a register as a single sourse of truth. This is not a small task and would need to be discussed further as there would be potential for large amount of work to occure.