

# FIVE MINUTE SETTLEMENT – METERING PROCEDURE CHANGES (PACKAGE 1)

## PROCEDURE CONSULTATION

## FIRST STAGE PARTICIPANT RESPONSE TEMPLATE

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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.	
7	Removal of South Australia requirement (2) Removal of Tasmania requirement (2)	
12.2 (f)	Change to clause reference	
12.8.2 (b)	Change in section reference	

### 3. Metrology Procedure: Part B

Section	Description	Participant Comments
2.6	Update to page references	
11.2.1	Update to section reference to Metrology Procedure: Part A	
11.2.2	Update to section reference to Metrology Procedure: Part A	
11.2.3	Update to section reference to Metrology Procedure: Part A	
11.3.1	Update to section reference to Metrology Procedure: Part A  'Half hourly' reference updated to 'Interval'	
11.3.2	Update to section reference to Metrology Procedure: Part A  Change end dates from '23:30' to '23:55'	
11.4	Update to section reference to Metrology Procedure: Part A  'Half hourly' reference in formulas updated to 'TI'	

Section	Description	Participant Comments
	'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'	
11.6	Change end dates from '23:30' to '23:55'	
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	
13.1.4	Update to section references	
13.2.2	Update to section reference to Metrology Procedure: Part A	
13.2.4	Update to section references  Update to formulas	
13.2.5	Update to formulas	
13.2.6	Update to section references	

Section	Description	Participant Comments
	Update to formulas	
13.3	Update to section references	
13.3.2	Update to section reference to Metrology Procedure: Part A	
13.4	Update to section reference	
13.5.2	Update to section reference to Metrology Procedure: Part A	
13.5.4	Update to section reference Update to formulas	
13.5.5	Update to formulas	
14.1	Update to section reference	
14.3	Update to section reference	

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

Section	Description	Participant Comments
3.3.3	Included references to five-minute interval metering data	
4.3	NMI data details record (200) - Added '5' to the Interval Length field Definition	
Appendix H	Section added to include five-minute meter data file example	

## 5. Retail Electricity Market Glossary and Framework

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

## 6. Meter Data Provision Procedure

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

## 7. Other Issues Related to Consultation Subject Matter

Heading	Participant Comments
Profiling 15 and 30-minute meter reads to 5-minute trading intervals	
<ul style="list-style-type: none"> <li>What is your view on the proposed profiling approach for 15 and 30-minute non-controlled load meter reads</li> </ul>	

Heading	Participant Comments
and why?	
<ul style="list-style-type: none"> <li>What is your view on the proposed profiling approach for 30-minute controlled load meter reads and why?</li> </ul>	
<ul style="list-style-type: none"> <li>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?</li> </ul>	
Meter Data Delivery to AEMO	
<ul style="list-style-type: none"> <li>What are your views on AEMO transitioning to MDFF and why?</li> </ul>	<p>Jemena have no objection on AEMO transitioning to MDFF format</p> <p>MDFF is an existing tried and tested format for B2B' transfers</p> <p>Transitioning to MDFF would reduce complexity and would standardise the file format across B2B and B2M region</p> <p>Decommissioning of MDMF should result in operational efficiencies</p> <p>Speed to market - change to one supported schema can be consumed by FRMP, LR and AEMO</p>
<ul style="list-style-type: none"> <li>What are your views on AEMO supporting the</li> </ul>	<p>Jemena have no objection on AEMO supporting the reception of register level meter data</p>

Heading	Participant Comments
<p>reception of register level meter data and why?</p>	<p>Retailers already receive the register level meter data</p> <p>Access to granular register level data should give AEMO detailed breakdown of each register per connection point</p> <p>AEMO could apply analytics on the data supplied to identify patterns and predict trends</p>
<ul style="list-style-type: none"> <li>What are your views on MDPs sending the same files to both market participants and AEMO, energy and non-energy, and why?</li> </ul>	<p>Retailers already receive energy and non-energy data, no issue in sending that across to AEMO</p>
<ul style="list-style-type: none"> <li>What are the main challenges in adopting these proposed changes? How should these challenges be addressed?</li> </ul>	<p>Increase in file size for interval data sent to AEMO (integration &amp; performance impact: external)</p> <p>Change in xml schema moving away from B2M to B2B schema (current B2B schema version or a new version would be provided)</p> <p>Upstream impact - Accommodate 5 min data for Type 5 meters. Network impact, application impact (UIQ, IEE). (Integration impact: Internal)</p> <p>Transition period queries</p> <ul style="list-style-type: none"> <li>Resend request post cut off (MDM or MDFF format)</li> <li>Estimated data sent pre cut off and actuals available post cut off (MDM or MDFF format)</li> </ul> <p>Go live date - Is it going to be a set date or on a case by case basis per MDP</p>

Heading	Participant Comments
	<p>Change in file validation process at AEMO's end</p> <p>Jemena to send the file at current times, contention issues if any need to be handled at AEMO's end (incl. any AEMO outages)</p> <p>Would there be a window to revert to old process post cut off for P1 incidents if any</p> <p>Volume testing (internal integration and external integration)</p> <p>Increased testing effort as a change to one schema would require E2E testing with all 3 entities (FRMP,LR and AEMO)</p> <p>Internal application report changes if any</p>