

FIVE MINUTE SETTLEMENT – METERING PROCEDURE CHANGES (PACKAGE 1)

PROCEDURE CONSULTATION

SECOND STAGE PARTICIPANT RESPONSE TEMPLATE

Participant: Flow Power

Submission Date: 14 Feb 2019

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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
3.2	A type 4A or 5 metering installation must have an optical port that meets the AS 1284.10.2 or AS 62056.21 or a computer serial port to facilitate downloading of 90 days of interval energy data for each Datastream associated with the metering installation in 90 seconds or less.	Agree to this update
3.5	Jurisdictional Update	Agree to this update
3.9	The end of each TI must be on the hour (EST) and each continuous period of 5 minutes thereafter.	<ol style="list-style-type: none"> 1. We note that the term TI is defined in Retail electricity market procedures-glossary and framework. However, in practice Metrology procedure would be read as a stand alone. Since the term TI might mean different things to different people, in order to provide clarity we

Section	Description	Participant Comments
		<p>request that this term to be replaced with trading interval across the document.</p> <p>2. The first paragraph of clause 3.9 makes specific reference to 3.9 (b) and (c) in that it refers to the 15 min and 30 min intervals. To be consistent with this approach we suggest this paragraph to also address 3.9 (a) by making the following changes-</p> <p>Replace the sentence “ Where a metering installation... T1, 15 min”</p> <p>With</p> <p>“ Where a metering installation... T1, 5 minute,15 min”</p>
6	Jurisdictional Update	Agree to this update
7	Jurisdictional Update	Agree to this update
9.3	Jurisdictional Update	Agree to this update
12.2	Jurisdictional Update	Agree to this update
12.4	Jurisdictional Update	Agree to this update
12.5	To validate that all metering data stored in the metering data services database is consistent with the energy data stored in the metering installation or the Physical Inventory (as applicable),	Agree to this update.

3. Metrology Procedure: Part B

Section	Description	Participant Comments
2.3	Jurisdictional Update	Agree to this update
2.4	Change to 'F' Metering Data Quality Flag	Noted
2.6	Page number links replaced with section links	Noted
3.3.8	Change to Type 18 – Alternative wording	Noted
3.3.11	Addition of Type 21 - Five-minute Conversion No Historical Data	Noted
4.3.3	Chnages to Type 53 - Revision of Substituted Metering Data	Noted
4.3.9	Addition of Type 59 – Five-minute Conversion No Historical Data	<p>We note that Type 21 also relate to Sub for 5 minute conversion with no historical data. However, no explanation is given for the difference between the two types.</p> <p>Please provide explanation.</p>

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

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

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

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

Section	Description	Participant Comments
3.3.3	Included references to five-minute interval metering data	Noted

4.3	NMI data details record (200) - Added '5' to the Interval Length field Definition	Noted
Appendix H	Section added to include five-minute meter data file example	Noted

5. Retail Electricity Market Glossary and Framework

Section	Description	Participant Comments
2.6.3	Update to TI	Noted
4.4.4	Removal of NEM12 & NEM13 File Clarifications	Noted
5	Updates to various Glossary items	Noted

6. Meter Data Provision Procedure

Section	Description	Participant Comments
1.1	Changes to NER clause references and minor administrative updates	Noted

Section	Description	Participant Comments
1.2.1	Various updates	Noted
1.2.2	Interpretation section removed from the document	Noted
1.3	Retail Electricity Market Procedures – Glossary and Framework added as a related document	Noted
2.3	Update to section (d)	Noted
3.4	Removal of 'single'	Noted
4.1	Change to character length	Noted

7. Other Issues Related to Consultation Subject Matter

Heading	Participant Comments
Profiling 15 and 30-minute meter reads to 5-minute trading intervals	No comments
Meter Data Delivery to AEMO	No comments

