

FIVE MINUTE SETTLEMENT – METERING PROCEDURE CHANGES (PACKAGE 2)

PROCEDURE CONSULTATION

DRAFT DETERMINATION STAGE PARTICIPANT RESPONSE TEMPLATE

<https://aemo.com.au/Stakeholder-Consultation/Consultations/Five-Minute-Settlement---Metering-Procedure-Changes---Package-2>

Participant: Evoenergy

Submission Date: 15 August 2019

Table of Contents

- 1. Context 3
- 2. Metrology Procedure: Part A..... 3
- 3. Metrology Procedure: Part B..... 4
- 4. MSATS Procedures: MDM Procedures..... 5
- 5. MSATS Procedures: CATS Procedure Principles and Obligations..... 6
- 6. MSATS Procedures: Procedure for the Management of Wholesale, Interconnector, Generator and Sample (WIGS) NMIs 9
- 7. National Metering Identifier..... 9
- 8. NEM RoLR Processes – Part A..... 10
- 9. Service Level Procedure: Metering Data Provider Services 10
- 10. Exemption Procedure: Metering Installation Data Storage Requirements..... 11
- 11. Retail Electricity Market Glossary and Framework 12

1. Context

This template is being provided to assist stakeholders in giving feedback about the changes specified in the 'Five-Minute Settlement Metering Procedure Changes – Package 2' Draft Procedures.

Please note, the change marked versions of the Draft Procedures highlights the changes required between the first stage Initial Draft Procedures and the second stage Draft Procedures.

The changes being proposed seek to enable the implementation of:

- The Five-Minute Settlement (5MS) Rule
- The Global Settlement (GS) Rule
- Changes to the delivery, format and content contained in the meter data files sent to AEMO.

2. Metrology Procedure: Part A

Section	Description	Participant Comments
3.1	Requirements under National Measurement Act and Use of Standards	Noted
3.4	“x” values – Calculation and Use	Noted
12.3, 12.7	Provisions for non-contestable unmetered loads	Noted

3. Metrology Procedure: Part B

Section	Description	Participant Comments
12.3	Profile Area five-minute load profile calculation	Noted
12.4	Applying the five-minute profile to 15-minute and 30-minute metering data for a Profile Area	Agree
13	Non-contestable unmetered loads	Agree with new wording
Various	Inclusion of the word “affected”	<p>AEMO consultation response was:</p> <p><i>Consistently added “affected” to clarify that the ENLR (where appropriate) is to be notified.</i></p> <p>Also note that Stanwell commented with:</p> <p><i>We do note, however, that an ENLR’s involvement is only required where relevant (and not where the relevant connection point is not part of an embedded network).</i></p> <p>“Affected” has not been added throughout as noted by AEMO, so still some ambiguity over interpretation, especially around notifying or getting agreements for ‘Agreed method’ types or Type 18 – Alternative. Adding affected or where applicable would remove that ambiguity.</p>

4. MSATS Procedures: MDM Procedures

Section	Description	Participant Comments
3.2.15, 3.2.17	Unaccounted for energy (UFE)	Noted
5.2	MDP Obligations	<p>Why is point 5.2(c) in this document? Should be included in the CATS Procedures as it relates to updating MSATS, and need to define clearer rules.</p> <p>Propose add to CATS section 4 <i>new</i> 4.12.5 (see proposed wording in CATS procedures response), and exclude from this document.</p> <p>Why does Datastream now have a capital S? No other procedure has this. Is intent for DataStreamType to be referred to as one word?</p>
6	LOAD DATA – INTERVAL NMI DATASTREAM	<p>Why does Datastream now have a capital S? No other procedure has this. Is intent for DataStreamType to be referred to as one word?</p> <p>Why is point (b) in this document? Should be in the CATS Procedures, under section 4, as it relates to updating MSATS. Delete from this document.</p> <p>“N” is not a current allowed value. Please provide a definition and indicate where this is listed in current published rules.</p>
9.11- 9.14	MDM RM Reports	Noted

5. MSATS Procedures: CATS Procedure Principles and Obligations

Section	Description	Participant Comments
2.3	Local Network Service Provider	Agree, wording is clear and concise
Various	Reference to NMI Procedures Appendix E	Noted
4.1	New wording added	Noted to refer to CATS
4.4	Use of LR/ENLR within this Procedure	<p>This sentence does not read well “Where an ENLR is has no role in the Change Request, the relevant field specifies LR.”</p> <p>Proposed reword to:</p> <p><i>If an ENLR has no role in the Change Request, the relevant field specifies LR.</i></p>
4.10	NMI Classification Codes	Noted
4.12.2	Datastream Status Codes	<p>Where is the DataStream type table to describe the correct use.</p> <p>Correct spelling of datastreamm to datastream</p>
4.12.5	Datastream Type Codes	<p>New clause, with current allowed values. Wording should be</p> <p>4.12.5. Datastream Type Codes</p> <p>(a) In the MDM process, the Datastream Status Code is used in combination with the Datastream Type Code to determine whether a</p>

		<p>Datastream suffix is to be used in the settlements process or where any other metering data has been configured to support the calculation of Unaccounted for Energy (UFE).</p> <p>(b) The Datastream Type Codes in MSATS are defined in Table 4-xx</p> <table border="1"> <thead> <tr> <th data-bbox="1025 395 1167 464">Code</th> <th data-bbox="1167 395 1435 464">Name of code</th> <th data-bbox="1435 395 1921 464">Description of code</th> </tr> </thead> <tbody> <tr> <td data-bbox="1025 464 1167 616">I</td> <td data-bbox="1167 464 1435 616">Interval data</td> <td data-bbox="1435 464 1921 616">Applies when a Datastream at the NMI is included in NEM <i>settlements</i> calculation</td> </tr> <tr> <td data-bbox="1025 616 1167 804">C</td> <td data-bbox="1167 616 1435 804">Consumption data</td> <td data-bbox="1435 616 1921 804">Applies when a Datastream at the NMI is an accumulation meter and where Datastream is included in NEM <i>settlements</i> calculation.</td> </tr> <tr> <td data-bbox="1025 804 1167 956">1</td> <td data-bbox="1167 804 1435 956">Non-market Active Import</td> <td data-bbox="1435 804 1921 956">Applies when a Datastream at the meter is not included in NEM <i>settlements</i> calculation.</td> </tr> <tr> <td data-bbox="1025 956 1167 1107">2</td> <td data-bbox="1167 956 1435 1107">Non-market Active</td> <td data-bbox="1435 956 1921 1107">Applies when a Datastream at the meter is not included in NEM <i>settlements</i> calculation.</td> </tr> <tr> <td data-bbox="1025 1107 1167 1251">3</td> <td data-bbox="1167 1107 1435 1251">Non-market Reactive Import</td> <td data-bbox="1435 1107 1921 1251">Applies when a Datastream at the meter is not included in NEM <i>settlements</i> calculation.</td> </tr> </tbody> </table>	Code	Name of code	Description of code	I	Interval data	Applies when a Datastream at the NMI is included in NEM <i>settlements</i> calculation	C	Consumption data	Applies when a Datastream at the NMI is an accumulation meter and where Datastream is included in NEM <i>settlements</i> calculation.	1	Non-market Active Import	Applies when a Datastream at the meter is not included in NEM <i>settlements</i> calculation.	2	Non-market Active	Applies when a Datastream at the meter is not included in NEM <i>settlements</i> calculation.	3	Non-market Reactive Import	Applies when a Datastream at the meter is not included in NEM <i>settlements</i> calculation.
Code	Name of code	Description of code																		
I	Interval data	Applies when a Datastream at the NMI is included in NEM <i>settlements</i> calculation																		
C	Consumption data	Applies when a Datastream at the NMI is an accumulation meter and where Datastream is included in NEM <i>settlements</i> calculation.																		
1	Non-market Active Import	Applies when a Datastream at the meter is not included in NEM <i>settlements</i> calculation.																		
2	Non-market Active	Applies when a Datastream at the meter is not included in NEM <i>settlements</i> calculation.																		
3	Non-market Reactive Import	Applies when a Datastream at the meter is not included in NEM <i>settlements</i> calculation.																		

		4	Non-market Reactive	Applies when a Datastream at the meter is not included in NEM <i>settlements</i> calculation.
		P	Profile Data	Applies when a Datastream at the NMI is for loading sample metering data.
		N	**please define for N as applicable**	
4.13.1	Consequences of Allocating Certain Metering Installation Codes	Refer to the above Do you propose to reduce this down to the 4 (i.e.: 1, 2, 3, and 4) if so, please provide additional detail and rationale.		
5	MSATS REPORTS	Looks nice		
Various	References to LR and ENLR	Noted		
11, 13, 15, 16, 17, 20, 21, 22, 23, 24, 25, 26, 27, 30, 31, 32, 39, 40	Inclusion of NCONUML	Noted		
Various	Updated table references	Noted		

6. MSATS Procedures: Procedure for the Management of Wholesale, Interconnector, Generator and Sample (WIGS) NMIs

Section	Description	Participant Comments
1.4	WIGS Codes and Rules for a Change Request	Noted to refer to CATS
Various	Inclusion of "NREG" NMI Classification Code	Noted
Various	Inclusion of "BULK" NMI Classification Code	Noted
Various	Inclusion of "XBOUNDRY" NMI Classification Code	Noted
Various	Inclusion of "DWHOLSAL" NMI Classification Code	Noted
Various	Provisions for embedded network local retailers (ENLR)	Noted
Various	Removal of Local Retailer (LR) references	Noted

7. National Metering Identifier

Section	Description	Participant Comments
VRH	Effective date updated to 1 July 2021	Noted

Appendix E	Inclusion of appendix to better communicate NMI Classification and Role requirements	Noted
2.4	Allocation of NMIs for non-contestable unmetered loads	Noted
6	Changes to DATASTREAM SUFFIX	Agree
A.19, A.20	Non Contestable Unmetered Load – One NMI With Multiple Devices	Agree

8. NEM RoLR Processes – Part A

Section	Description	Participant Comments
Various	Removal of first and/or second tier references	Not removed from following clauses 103.2 (a)(ii) Note 105-A table
Various	Provisions for ENLR	Noted

9. Service Level Procedure: Metering Data Provider Services

Section	Description	Participant Comments
2.4	Specific obligations for MDP - Category D	Noted
3.7	Metering Data Processing Requirements	3.7 1(f) The note should be moved down a level to make it clearer, and look like this.

		<p>(f) ensure standing data contained in the 200 record of the Meter Data File Format (MDFF) file is accurate.</p> <p>Note: Where the MSATS Datastream table reflects a Net Level Datastream Suffix, the standing data provided in the 200 line of an MTRD MDFF NEM12 200 line will be used by AEMO to identify the individual Register Level Datastream Suffix(s) that constitute the 'Net'.</p>
3.10.2	Non-contestable Unmetered Load Calculation Methodologies and Agreed Loads	(b)(ii) please correct spelling error of Metrology.
3.12.4	Delivery of Settlements Ready Data	Agree
3.12.5	Method of Delivery of Data	Noted
5	METER CHURN DATA MANAGEMENT	Noted

10. Exemption Procedure: Metering Installation Data Storage Requirements

Section	Description	Participant Comments
1.1	Purpose and scope	Noted
1.2	Definitions and interpretation	Please address inconsistent application of notes or footnotes; 1.2 (b) has a clarity note; 2.1 (b) has the same information re: Victorian Ministerial Order as a footnote.

2	APPLICATION PROCESS	2.7 (b) check that there is a space after 'days'. PDF appears to have none
---	---------------------	--

11. Retail Electricity Market Glossary and Framework

Section	Description	Participant Comments
2.7.7	Exemptions	Noted
5	GLOSSARY	Noted