

# FIVE MINUTE SETTLEMENT – METERING PROCEDURE CHANGES (PACKAGE 2)

## PROCEDURE CONSULTATION

## DRAFT DETERMINATION STAGE PARTICIPANT RESPONSE TEMPLATE

*Participant: Flow Power*

*Submission Date: 29 Aug 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 ..... 7
- 7. National Metering Identifier..... 8
- 8. NEM RoLR Processes – Part A..... 8
- 9. Service Level Procedure: Metering Data Provider Services ..... 9
- 10. Exemption Procedure: Metering Installation Data Storage Requirements..... 9
- 11. Retail Electricity Market Glossary and Framework ..... 10

## 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 | We suggest that requirements should mention that meters need to be 5-minute compliant and that any new/replacement meters after 1 Dec 2018 must be 5-minute compliant.                |
| 3.4     | “x” values – Calculation and Use                                 | For ACT we have specified if there is a variance. Annual consumption plus an allowance of 2%. Flow power requires confirmation that no other states have the 2% allowance except ACT? |

| Section       | Description                                    | Participant Comments   |
|---------------|--|--|
|               |  | <p>Australian Capital Territory The volume threshold for a <i>connection point</i> must be determined from:<br/>                     (1) the annual consumption over the most recent 12-month period,<br/>                     (2) the annual consumption over the most recent 12-month period plus an allowance of 2%; or</p> <p>If there is an allowance for any other state can that be specified as well please.</p> |
| 12.3,<br>12.7 | Provisions for non-contestable unmetered loads | We note that there is incorrect reference to the NER with respect to the data storage. This is dealt with 7.11.3 in the NER rather than 7.10 mentioned in the document.  |

### 3. Metrology Procedure: Part B

| Section | Description                                       | Participant Comments  |
|---------|---|---|
| 12.3    | Profile Area five-minute load profile calculation | The energy inflows are a sum of bulk supply or should it be GLOPOOL because LR will be replaced by GLOPOOL. |

| Section | Description  | Participant Comments   |
|---------|--|--|
| 12.4    | Applying the five-minute profile to 15-minute and 30-minute metering data for a Profile Area | <p>See we note that clause 12.4 provide guidance on the calculation on 5 - minute profile regarding the actual metering data but was silent on guidance related to UFE.</p> <p>We submit that AEMO should include guidance on the calculation of UFE to allow participants to setup their systems.</p> <p>In addition, we request confirmation that UFE will not have DLF or TLF included. Can that be specified more clearly.</p> |
| 13      | Non-contestable unmetered loads  | Noted.   |
| Various | Inclusion of the word “affected”   | Noted  |

#### 4. MSATS Procedures: MDM Procedures

| Section           | Description                  | Participant Comments   |
|-------------------|------------------------------|--|
| 3.2.15,<br>3.2.17 | Unaccounted for energy (UFE) | Noted  |
| 5.2               | MDP Obligations              | Flow power understanding is that AEMO system will reject files with the same timestamp therefore we suggest that even if one interval in the read file is changed, the file should have a different timestamp as with 5-minute reads there will be 288 intervals. Because for our extremely large customers one interval can make a big \$ value difference, especially if it happens at the time of a high price event. |

|            |                                     |       |
|------------|-------------------------------------|-------|
| 6          | LOAD DATA – INTERVAL NMI DATASTREAM | Noted |
| 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                                 | Noted                |
| Various                             | Reference to NMI Procedures Appendix E                         | Noted                |
| 4.4                                 | Use of LR/ENLR within this Procedure                           | Noted                |
| 4.10                                | NMI Classification Codes                                       | Noted                |
| 4.12.2                              | Datastream Status Codes  | Noted                |
| 4.13.1                              | Consequences of Allocating Certain Metering Installation Codes | Noted                |
| 5                                   | MSATS REPORTS  | Noted                |
| Various                             | References to LR and ENLR                                      | Noted                |
| 11, 13, 15, 16, 17, 20, 21, 22, 23, | Inclusion of NCONUML   | Noted                |

|  |                          |       |
|--|--------------------------|-------|
| 24, 25, 26,<br>27, 30, 31,<br>32, 39, 40 |                          |       |
| 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                |
| 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   | Noted   |
| A.19, A.20 | Non-Contestable Unmetered Load – One NMI With Multiple Devices                       | We suspect the section reference is missing as we are unable to locate it. As such we are unable to provide comments. |

## 8. NEM RoLR Processes – Part A

| Section | Description                                    | Participant Comments   |
|---------|--|--|
| Various | Removal of first and/or second tier references | We note that in the index on page 4 points 12 & 13 refer to term LR instead of ENLR. This needs to be changed. |
| 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                                 | Our understanding is that MDP will be required to provide the files simultaneously to all the parties when PMD is raised. We suggest this to be a part of MDP obligations. |
| 3.7     | Metering Data Processing Requirements                                     | Noted  |
| 3.10.2  | Non-contestable Unmetered Load Calculation Methodologies and Agreed Loads | Noted  |
| 3.12.4  | Delivery of Settlements Ready Data  | Noted  |
| 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 | Noted                |

|   |                     |       |
|---|---------------------|-------|
| 2 | APPLICATION PROCESS | Noted |
|---|---------------------|-------|

## 11. Retail Electricity Market Glossary and Framework

| Section | Description | Participant Comments |
|---------|-------------|----------------------|
| 2.7.7   | Exemptions  | Noted                |
| 5       | GLOSSARY    | Noted                |