

METERING ICF PACKAGE CHANGES

PROCEDURE CONSULTATION

SECOND STAGE PARTICIPANT RESPONSE TEMPLATE

Participant: Vector Metering

Submission Date: 26 October 2020

Table of Contents

- 1. Context 3
- 2. MSATS Procedures: CATS (v4.94) 3
- 3. MSATS Procedures: WIGS (v4.94) 5
- 4. Metrology Procedure: Part A (v7.31) 5
- 5. Metrology Procedure: Part B (v7.03) 5
- 6. Service Level Procedure Meter Provider Services (v1.5)..... 6
- 7. NEM RoLR Processes Part A and Part B (v2.1)..... 6
- 8. Meter Data File Format Specification (v2.2) 7
- 9. Standing Data for MSATS (v4.51) 7
- 10. Retail Electricity Market Procedures – Glossary and Framework (v3.41)..... 8
- 11. Other Issues Related to Consultation Subject Matter..... 8

1. Context

This template is to assist stakeholders in giving feedback about the changes detailed in the initial draft procedures associated with the Metering ICF Package Changes consultation.

The changes being proposed are because of NER rule changes which have occurred requiring changes to AEMO’s Retail Electricity Market Procedures and the following proposed changes by proponents and AEMO to implement recommended process improvements.

2. MSATS Procedures: CATS (v4.94)

| Section | Description | Participant Comments | | | | |
|-------------------------|--|---|-------------------------|--|--------------|--|
| 4.4 Table 4-D | <p>Updated to reflect the current jurisdictional requirements and definitions of Small and Large customers. AEMO also seeks responses to the following questions:</p> <ol style="list-style-type: none"> 1. What other improvements could be made to Table 4-D? 2. What might be any benefits/detriments of the proposed changes to Table 4-D noting that the MWh descriptions for small customers relate to business customers, but not residential customers, for whom the corresponding description is “any MWh”, across “all” jurisdictions? 3. What is the nature of any | <p>It is unclear to Vector Metering that NMI CLASSIFICATION is to reflect the customer classification as determined by the NERL. There are clauses in the NEL that also define small customer and could be equally applied.</p> <p><i>If</i> NCC is to be consistent with the customer definition in the NERL then there should be a direct link.</p> <p>The current definition of NCC in the glossary gives no clarity as it just refers back to the CATS procedure (note: the reference appears to be incorrect)</p> <div data-bbox="1016 1102 1924 1217" style="border: 1px solid #ccc; padding: 5px; margin: 10px 0;"> <table border="1"> <tr> <td data-bbox="1016 1102 1240 1161">NMI Classification Code</td> <td data-bbox="1240 1102 1924 1161">A code used in MSATS that identifies the nature of the flow of electricity through a connection point. See section 4.10 of the CATS Procedures.</td> </tr> <tr> <td data-bbox="1016 1161 1240 1217">NMI Database</td> <td data-bbox="1240 1161 1924 1217">The term used to represent a NMI as specified by MDM to enable the metering data</td> </tr> </table> </div> <p>Suggested redrafting of the table as per below <i>may</i> help clarify</p> | NMI Classification Code | A code used in MSATS that identifies the nature of the flow of electricity through a connection point. See section 4.10 of the CATS Procedures. | NMI Database | The term used to represent a NMI as specified by MDM to enable the metering data |
| NMI Classification Code | A code used in MSATS that identifies the nature of the flow of electricity through a connection point. See section 4.10 of the CATS Procedures. | | | | | |
| NMI Database | The term used to represent a NMI as specified by MDM to enable the metering data | | | | | |

| Section | Description | Participant Comments | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|----------------------|--------------------|---------------------------------|------------------------------|------------------------------------|------------------------------|-----------------------|------------------|-----------------|------------|----------|-----------------|----------|----------|--------------|-----------|--------------|-----------------|----------|--------------|----------|-----------|--------------|--|--|--|
| | <p>inconsistencies which may exist?</p> <p>4. What consequential changes are necessary to the Code Information?</p> <p>5. What, if any, are the unintended consequences of the proposed changes?</p> | <table border="1"> <thead> <tr> <th>Customer Description</th> <th>Jurisdiction</th> <th>Annual Consumption</th> <th>NMI Classification</th> </tr> </thead> <tbody> <tr> <td rowspan="5">Residential Customer (as per NERL)</td> <td>Australian Capital Territory</td> <td rowspan="5">Any</td> <td rowspan="5">SMALL</td> </tr> <tr> <td>New South Wales</td> </tr> <tr> <td>Queensland</td> </tr> <tr> <td>Tasmania</td> </tr> <tr> <td>South Australia</td> </tr> <tr> <td>Victoria</td> </tr> </tbody> </table> | Customer Description | Jurisdiction | Annual Consumption | NMI Classification | Residential Customer (as per NERL) | Australian Capital Territory | Any | SMALL | New South Wales | Queensland | Tasmania | South Australia | Victoria | | | | | | | | | | | | | |
| Customer Description | Jurisdiction | Annual Consumption | NMI Classification | | | | | | | | | | | | | | | | | | | | | | | | | |
| Residential Customer (as per NERL) | Australian Capital Territory | Any | SMALL | | | | | | | | | | | | | | | | | | | | | | | | | |
| | New South Wales | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Queensland | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Tasmania | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | South Australia | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Victoria | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Customer Description</th> <th>Jurisdiction</th> <th>Annual Consumption</th> <th>NMI Classification</th> </tr> </thead> <tbody> <tr> <td rowspan="6">Business Customer (as per NERL)</td> <td>Australian Capital Territory</td> <td><100 MWH</td> <td>SMALL</td> </tr> <tr> <td rowspan="2">New South Wales</td> <td>>=100 MWH</td> <td>LARGE</td> </tr> <tr> <td>Queensland</td> <td></td> <td></td> </tr> <tr> <td rowspan="2">Tasmania</td> <td><150 MWh</td> <td>SMALL</td> </tr> <tr> <td>>=150 MWh</td> <td>LARGE</td> </tr> <tr> <td rowspan="2">South Australia</td> <td><160 MWh</td> <td>SMALL</td> </tr> <tr> <td>Victoria</td> <td>>=160 MWh</td> <td>LARGE</td> </tr> </tbody> </table> | Customer Description | Jurisdiction | Annual Consumption | NMI Classification | Business Customer (as per NERL) | Australian Capital Territory | <100 MWH | SMALL | New South Wales | >=100 MWH | LARGE | Queensland | | | Tasmania | <150 MWh | SMALL | >=150 MWh | LARGE | South Australia | <160 MWh | SMALL | Victoria | >=160 MWh | LARGE | | | |
| Customer Description | Jurisdiction | Annual Consumption | NMI Classification | | | | | | | | | | | | | | | | | | | | | | | | | |
| Business Customer (as per NERL) | Australian Capital Territory | <100 MWH | SMALL | | | | | | | | | | | | | | | | | | | | | | | | | |
| | New South Wales | >=100 MWH | LARGE | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Queensland | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Tasmania | <150 MWh | SMALL | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | >=150 MWh | LARGE | | | | | | | | | | | | | | | | | | | | | | | | | |
| | South Australia | <160 MWh | SMALL | | | | | | | | | | | | | | | | | | | | | | | | | |
| Victoria | | >=160 MWh | LARGE | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Customer/Site Description</th> <th>NCC</th> </tr> </thead> <tbody> <tr> <td>Generator</td> <td>GENERATR</td> </tr> <tr> <td>External profile shape</td> <td>EPROFILE</td> </tr> <tr> <td>Interconnector</td> <td>INTERCON</td> </tr> <tr> <td>Wholesale Transmissio</td> <td>WHOLESALE</td> </tr> </tbody> </table> | Customer/Site Description | NCC | Generator | GENERATR | External profile shape | EPROFILE | Interconnector | INTERCON | Wholesale Transmissio | WHOLESALE | | | | | | | | | | | | | | | | | | |
| Customer/Site Description | NCC | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Generator | GENERATR | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| External profile shape | EPROFILE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interconnector | INTERCON | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wholesale Transmissio | WHOLESALE | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Section | Description | Participant Comments |
|---------|-------------|----------------------|
| | | |

3. MSATS Procedures: WIGS (v4.94)

| Section | Description | Participant Comments |
|---------|-------------|----------------------|
| | | |

4. Metrology Procedure: Part A (v7.31)

| Section | Description | Participant Comments |
|---------|-------------|----------------------|
| | | |

5. Metrology Procedure: Part B (v7.03)

| Section | Description | Participant Comments |
|---------|-------------|----------------------|
| | | |

6. Service Level Procedure Meter Provider Services (v1.5)

| Section | Description | Participant Comments |
|---------|-------------|----------------------|
|---------|-------------|----------------------|

7. NEM RoLR Processes Part A and Part B (v2.1)

| Section | Description | Participant Comments |
|---------|-------------|----------------------|
|---------|-------------|----------------------|

8. Meter Data File Format Specification (v2.2)

| Section | Description | Participant Comments |
|---------|-------------|----------------------|
|---------|-------------|----------------------|

9. Standing Data for MSATS (v4.51)

| Section | Description | Participant Comments |
|-----------|---|---|
| 8 Table 7 | Amended description of Data Element 'AveragedDailyLoad' | <p>As indicated in the first round, the requirements of setting an ADL for 'reactive' energy datastreams should be clearly specified.</p> <p>While some examples are illustrated in the 'AEMO 5MS/GS CNDS & Meter Data Delivery Clarifications' power point presentation, this document is not a procedure or a guideline. AEMO should add relevant examples into the Standing data for MSATS procedure.</p> <p>Requirements to populate the ADL in the NDS row should clearly indicate that an ADL value is not required for non <i>Active Energy</i> datastreams.</p> |

10. Retail Electricity Market Procedures – Glossary and Framework (v3.41)

| Section | Description | Participant Comments |
|---------|-------------|----------------------|
|---------|-------------|----------------------|

11. Other Issues Related to Consultation Subject Matter

| Participant Comments |
|----------------------|
| |