

MSATS Standing Data Review

- MSDR Second Draft Determination and Report
- MSATS Procedures – WIGS
- MSATS Procedures – CATS
- Standing Data for MSATS Guideline
- Retail Electricity Market Procedures Glossary & Framework
- Exemption Procedure Meter Installation Malfunctions
- Metrology Procedure Part A

CONSULTATION – Second Draft Stage

CONSULTATION PARTICIPANT RESPONSE TEMPLATE

Participant: AusNet Services (including Mondo)

Completion Date: 24 July 2020

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1. Context

This template is to assist stakeholders in giving feedback to the questions raised in the Second Draft Report about the proposed changes to the MSATS Standing Data, and to the second draft changes highlighted in **YELLOW** in the change marked versions of the different procedures and guidelines released in the second draft stage of consultation.

2. Questions raised in the MSATS Standing Data Review Second Draft Report

2.1 Material Issues

Information Category	Question No.	Question	Participant Comments
Metering Installation Transformer Information	1.	The proposed CT/VT fields values and validations, as listed above, are provided as examples to stimulate feedback from participants. AEMO notes some feedback that options are missing for CT Types, to allow for HV CTs and LV Special CTs. What is the list of values and validations that you need or want for the enumerated list for the various CT/VT fields? (In the absence of any such feedback, the list proposed by AEMO would provide the initial values for the CT/VT fields)?	The proposal of an enumerated list may mean particular configurations for CT/VT combinations are not captured. The CT values do not cater for 1 amp secondary, nor other primary values that are in the field, e.g. 100: 1, 150: 1 etc. Given the range of various CT types for HV, we recommended that where the site is HV, the fields should be populated by the MP in a free text field rather than an enumerated list.

3. Proposed Changes in MSATS Procedures – CATS

Please provide feedback to the the changes highlighted in **yellow** in the change marked version of the document

Section No/Field Name	Participant Comments
2.2 (r)	No comment
2.2(s)	No comment
2.3(r)	No comment
2.3(s)	No comment
2.3(t)	No comment
2.6(k)	No comment
2.6(l)	No comment
2.9(k)	Clarify in the procedure when a DPID and GNAF PID are applicable, either by referencing the contents of another section/paragraph or another document/glossary/procedure.
9.3.4(c)	<p>ConnectionConfiguration – Clarification on whether the phases (2nd char) is based upon the meter installed (i.e. 1 -3 phase) or based upon the network connection to the site and whether the site is capable of having, for example, 3 phase or what is actually used on the site (which would be an MC obligation).</p> <p>GPS Co-ordinates will be populated with best estimate values (site location) where the site has “No Access”.</p>

Section No/Field Name	Participant Comments
	<p>GPS Co-ordinates for existing sites should be populated by the MC and not the LNSP, since MCs can be the contestable party and are subjected to more commercial pressures, therefore its better regulatory practice to assign the responsibility to the MC.</p> <p>Regulated businesses should not cross-subsidise contestable businesses. We reluctantly agree to populating GPS Co-ordinates for all NMIs (incl existing sites), however this should be an MC/MP obligation and not the LNSP.</p> <p>Rectify section numbering, under 9.3.4 (a,b,c) are repeated.</p>
9.3.4(e)	No comment
9.4.4(c)	Rectify section numbering, under 9.4.4 (a,b,c) are repeated.
9.4.4(d)	<p>AusNet Services see no value is updating existing sites with the “House To” field, since GPS Co-ords is mandatory and more accurate.</p> <p>“House To” should only be populated for new sites going forward as part of structured addresses.</p> <p>If ‘House To’ is mandated for existing sites then we request that a minum transition period of 36 months inline with GPS Co-ords.</p>
10.1.4(c)	No comment
10.1.4(e)	No comment
10.2.4(g)	No comment

Section No/Field Name	Participant Comments
10.3.4(h)	No comment
10.4.4(g)	As above comments
10.5.4(g)	As above comments
12.3.4 (d)	No comment
15.1.4(f)	No comment
Table 16-C	<p>ConnectionConfiguration – Specify the meaning and expected values of the two characters.</p> <p>Suggest simpler definition for TNICode2 - TNI Code assigned by AEMO to a cross boundary NMI being supplied energy by an adjacent distribution network.</p> <p>CurrentTransformerLocation – Provide an example of expect values</p> <p>CurrentTransformerRatio - The primary and secondary currents of a CT expressed as a ratio. E.g. 100:5</p> <p>CurrentTransformerTest – Provide an example value or express what the value should be</p> <p>VoltageTransformerLocation – Provide an example of expect values</p> <p>VoltageTransformerRatio – The Primary wire coil voltage vs the Secondary wire coil voltage expressed as a ratio. E.g. 500kV : 110V</p>

Section No/Field Name	Participant Comments
	<p>VoltageTransformerTest – Provide an example value or express what the allowed values should be</p> <p>SharedIsolationPointsFlag – Should be set as ‘Unknown’ by default, pre-populated by AEMO. Initially.</p>

4. Proposed Changes in MSATS Procedures - WIGS

Please provide feedback to the the changes highlighted in **yellow** in the change marked version of the document

Section No/Field Name	Participant Comments
4.3.4(c)	No comment
4.3.4(h)	No comment
5.2.4(c)	GPS Co-ordinates – Confirm MPB must provide GPS co-ords of the meter/meter box, and not the connection point/site established by the LNSP at time of NMI creation.
5.2.4(d)	No comment
5.3.4(f)	No comment
5.4.4(f)	No comment
9.1.4(b)(iii)	No comment

5. Proposed Changes in Standing Data for MSATS Guideline

Please provide feedback to the the changes highlighted in yellow in the change marked version of the document

Section No/Field Name	Participant Comments
Table 3 CATS_METER_REGISTER	<p>GPS Co-ordinatesLat & GPS Co-ordinatesLong – Defintion states that they are Mandatory for “ All meters where the site postcode is a “Designated regional area postcode”” – Please clarify against the current AEMO determination that states ALL NMIs must have GPS co-ords after 3 years.</p> <p>ReadtTypeCode - Suggest that AEMO populate all the VIC AMI RWDs (Type 5) to indicate 30 min and then we update as the MPB converts and reprograms the meter to 5 min - rather than participants send a CR for every site (750K+).</p> <p>AusNet Services does not agree with setting the fourth char to “D” where a site cannot be converted to 5min due to de-energisation. Prefer to leave the site set to “30min”.</p> <p>This obligation introduces complex and costly system rule changes for very little benefit.</p>
Table 6 CATS_NMI_DATA	<p>Suggest for TNICode2 - TNI Code assigned by AEMO to a cross boundary NMI that identifies the TNI that typically supplies the energy (i.e. by an adjacent distribution network). This value must correspond to a valid code in the CATS_TNI_Codes table.</p> <p>DeliveryPointIdentifier – Specify conditions when this value should be populated</p>
Table 8 CATS_REGISTER_IDENTIFIER	No comment

Table 14 Valid Transformer Fields values	CT Values that are used by AusNet Services (Mondo)
	100/1
	100/5
	1000/1
	1000/5
	120/5
	1200/5
	125/5
	1250/1
	15/1
	150/1
	150/5
	1600/5
	20/5
	200/1
	200/5
	2000/1
	2000/5
	25/5

Section No/Field Name	Participant Comments
	250/1 250/5 2500/5 30/5 300/1 300/5 3500/1 40/5 400/1 400/5 450/5 50/1 50/5 500/1 500/5 60/5 600/1

Section No/Field Name	Participant Comments
	600/5 75/5 800/1 800/5 900/1 900/5
Table 15 Valid Meter Use Codes	No comment
Table 16 Valid Time of Day Codes	No comment
Section 13	No comment
Table 43 CATS_Meter_Register	No comment
Table 46 CATS_NMI_Data	No comment
Table 49 CATS_Meter_Register	No comment
Table 52 CATS_NMI_Data	No comment

6. Proposed Changes in Metrology Procedure Part A

Please provide feedback to the the changes highlighted in yellow in the change marked version of the document

Section No/Field Name	Participant Comments
14. SHARED FUSE ARRANGEMENTS	No comment

7. Proposed Changes in Exemption Procedure Meter Installation Malfunctions

Please provide feedback to the the changes highlighted in yellow in the change marked version of the document

Section No/Field Name	Participant Comments
1.1	No comment
2.2	No comment
Appendix A	No comment
Appendix B	No comment

8. Proposed Changes in Retail Electricity Market Procedures - Glossary and Framework

Please provide feedback to the the changes highlighted in yellow in the change marked version of the document

Section No/Field Name	Participant Comments
5. GLOSSARY Shared Fuse Arrangement	No comment

9. Other Issues Related to Consultation Subject Matter

Heading	Participant Comments
GPS Co-ordinates for large HV metered customers	Perhaps there could be some security and privacy issues that should be considered if prescriptive asset location details, particularly for some critical HV metered customers (e.g. Dept of Defense sites) are stored in MSATS, and participants systems, and published more broadly compared to today. This may require sites to be exempt from provision of accurate GPS location details to be provided to the market.
Alignment of changes with other industry initiatives	Preferably we should avoid incremental changes to the 5MS/GS scope of work. Would recommend commencing the MSR data transition window at the tail end of 5MS/GS go-live. (Oct 2021).