MSATS Standing Data Review

- MSDR Second Draft Determination and Report
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- Retail Electricity Market Procedures Glossary & Framework
- Exemption Procedure Meter Installation Malfunctions
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CONSULTATION – Second Draft Stage

CONSULTATION PARTICIPANT RESPONSE TEMPLATE

***Participant**: Ausgrid*

***Completion Date**: 27 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 table proposed by AEMO does not include 1amp secondary currents, which are quite common, this is an important piece of information and a different type of HV meter is required. Ausgrid suggests that two fields, primary (ratios as per AEMO's proposed table) and secondary (5A or 1A) may be more appropriate.

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)	Agree
2.3(s)	Agree
2.3(t)	This clause contradicts clause 14, Drawing 3 in the proposed Metrology Procedure Part A.
2.6(k)	No Comment
2.6(l)	No Comment
2.9(k)	No Comment
9.3.4(c)	In NSW as the LNSP does not make the connection to the network (the ASP does) and this is the service connection not the metering point location, therefore the LNSP cannot populate the GPS coordinates, this would need to be completed by the MP when installing the meter. In addition, at the time of the NMI creation and publication to MSATS as Greenfield status, the GPS coordinates are not known as the work has not yet been conducted. The LNSP cannot populate the GPS coordinates ant the new NMI creation stage.

Section No/Field Name	Participant Comments
	Shared isolation point flag is not required as new NMIs would not have a shared isolation point. Meter Serial ID, meter model and meter manufacturer, how is the LNSP supposed to publish this information when the meter has not yet been installed? Move the publication of this date to Clause (e) (ie. may populate not must populate)
9.3.4(e)	LNSP cannot publish Transformer details for a new NMI (greenfield) as it has not yet been installed, and the LNSP cannot install meters.
9.4.4(c)	No Comment
9.4.4(d)	No Comment
10.1.4(c)	No Comment
10.1.4(e)	No Comment
10.2.4(g)	No Comment
10.3.4(h)	GPS coordinates may not be available as it may have been a third party (eg. ASP) removing the metering, for example if a customer removes a controlled load Type 5 or 6 meter due to it being no longer required.
10.4.4(g)	GPS coordinates may not be available as it may have been a third party (eg. ASP) removing the metering, for example if a customer removes a controlled load Type 5 or 6 meter due to it being no longer required.

Section No/Field Name	Participant Comments
10.5.4(g)	No Comment
15.1.4(f)	No Comment
Table 16-C	Ausgrid supports the inclusion of GPS coordinates for rural installations and agrees with the proposed timeframes for population as proposed by AEMO. Ausgrid's rural meter reading routes are "car" routes due to the distance between sites, thefore additional equipment can be provided to the meter reader to capture GPS coordinates for rural sites. Ausgrid again suggests that rural towns should not require GPS coordinates as these will have similar limitations as urban locations. Ausgrid does not support the inclusion of GPS Coordinates for non rural connection points (including rural townships). Current meter reading hardware and collection systems used by Ausgrid does not support the collection of GPS coordinates. The accuracy of coordinates for non-rural sites may not always be accurate due to many meter locations being indoors and other barriers that prevent capturing an accurate GPS coordinates. Ausgrid is not supportive of inaccurate information in MSATS. For most non-rural metering points, the meter location description is a much more appropriate tool to locate the metering point (eg. LHS, veranah, floor 4 RHS of lifts). As identified by AEMO on mutli floor sites, the GPS coordinates would not be of any use any it does not also identify the level. Ausgrid believes that the investments participants will be required to make to capture this inform will not exceed the benefits, particularly if the GPS coordinates are not accurate. Ausgrid suggests that AEMO conduct a cost benefit analysis to justify why this investment should be made by participants for data that 1) may not be accurate, and 2) is used for only a small number of sites.

Section No/Field Name	Participant Comments
	Ausgrid would like to offer another solution, that if a MC/MP cannot locate a meter point and would want the network to conduct an investigation and collect GPS coordinates, that the MC request the FRMP to send a meter investigation B2B service order requesting GPS coordinates be obtained. This way an appropriately qualified person with specific training and equipment can be sent to site to accurately capture GPS coordinates and the network can recover the costs associated with capturing this data. In most cases in an urban environment, the meter location details should be enough for the MP to find the metering point, for the rare cases where they cannot locate the metering point, the proposed B2B SO process above can be utilised, hence reducing costs to capture GPS coordinates for all NMIs for the small number of times where GPS coordinates are required.

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)	Shared Isolation point, Connection Configuration and GPS coordinates should not be include in the WIGS procedures as they are not relevant to these types of metering installations.
4.3.4(h)	AEMO has stated previously that CT/VT information was not required to be published in MSATS for Wholsale, Interconnector and cross boundary NMIs.
5.2.4(c)	GPS coordinated should not be include in the WIGS procedure.
5.2.4(d)	AEMO has stated previously that CT/VT information was not required to be published in MSATS for Wholsale, Interconnector and cross boundary NMIs.
5.3.4(f)	AEMO has stated previously that CT/VT information was not required to be published in MSATS for Wholsale, Interconnector and cross boundary NMIs.
5.4.4(f)	AEMO has stated previously that CT/VT information was not required to be published in MSATS for Wholsale, Interconnector and cross boundary NMIs.
9.1.4(b)(iii)	AEMO has stated previously that CT/VT information was not required to be published in MSATS for Wholsale, Interconnector and cross boundary NMIs. Shared Isolation point, Connection Configuration and GPS coordinated should not be include in the WIGS procedure.

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	Agree with proposed changes, however would like to provide the following feedback. GPS Coordinates should not be required for BULK, XBOUNDARY and INTERCON. See CATS table 16C comments above for the inclusion of GPS coordinates.
Table 6 CATS_NMI_DATA	Agree with proposed changes, however would like to provide the following feedback. ConnectionConfiguration – We are unsure why this is required as the MP would generally have a number of metering configurations with them on site. There will be difficulty in distinguishing between 2 and 3 phase installations as many have the same meter model (eg. Email SDM meters are both 2 and 3 phase). In addition there are a number of sites in Ausgrid where there are 2 phases connected to the premises one phase for domestic load and the other for controlled load, is this a 1 or 2 phase connection? These sites will be difficult to accurately capture. Ausgrid proposes that a more relevant and important configuration detail is whether it is WC or CT connected, where character 1 is “L”. First Charater - H or L Second Character - W or C Ausgrid agrees with AEMO in having SectionNumber and DP Number as required for NSW.
Table 8 CATS_REGISTER_IDENTIFIER	Agree with proposed changes.

Section No/Field Name	Participant Comments
Table 15 Valid Meter Use Codes	Ausgrid does not understand whu UNMETERED has been added as a type of meter use. If the NMI is an unmetered supply, wouldn't the meter use code be revenue as the data is calculated for revenue billing?
Table 16 Valid Time of Day Codes	Agree with proposed changes.
Section 13	Agree with proposed changes.
Table 43 CATS_Meter_Register	Agree in line with above comments.
Table 46 CATS_NMI_Data	Agree in line with above comments.
Table 49 CATS_Meter_Register	Agree in line with above comments.
Table 52 CATS_NMI_Data	Agree in line with above comments.

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	Diagram 3 – Once the Shared Fuse Arrangement has been fully resolved, should these not be updated to N? This seems to contradict clause 2.3 (t) of the draft CATS procedures.

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	Agree
2.2	Agree
Appendix A	Agree
Appendix B	Agree

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	Agree.

Section No/Field Name	Participant Comments
Shared Fuse Arrangement	

9. Other Issues Related to Consultation Subject Matter

Heading	Participant Comments