

CHANGE PACK & REPORT – FINAL DETERMINATION

MSATS PROCEDURES:

Consumer Administration and Transfer Solution
(CATS) Procedure Principles and Obligations Version
4.0

Procedure for the Management of Wholesale,
Interconnector, Generator and Sample (WIGS) NMIs
Version 4.0

PREPARED FOR: National Electricity Market
PREPARED BY: Retail Markets and Metering
VERSION NO: 1.00
DATE: 26/03/2014



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1. Background

AEMO utilises a central system called Market Settlement and Transfer Solution (MSATS) to manage consumer transfers. MSATS also administers notifications of transactions to market participants and retains the data needed to facilitate wholesale settlement. The MSATS Procedures have been in operation since 1 January 2002 and have been revised a number of times in order to support ongoing business improvement.

The recommended process improvements under consultation will become MSATS Procedures:

- Customer Administration and Transfer Solution (CATS) Procedure Principles and Obligations Version 4.0,
- Procedure for the Management of Wholesale, Interconnector, Generator and Sample (WIGS) NMIs Version 4.0.

Scope of Changes

- **003 Removal of reference to settlements process**

This change proposes to remove “Note 1” and the references to it regarding the codes for the AEMO settlements process in clause 4 of the procedures. The NMI class mentioned in this note is not used for reconciling pool settlements and thus this statement is not correct. “Note 2” has also been identified as obsolete and is also proposed to be removed.

- **004 MSATS Changes for NSW NECF**

With the commencement of the National Energy Customer Framework in NSW on 1 July 2013, the NSW Government has requested changes to ensure that participants are compliant with the obligations. The NSW Government has provided a transitional period to allow time for the procedure changes to occur.

The changes will remove the NSW jurisdictional references in the Procedures and in for the relevant CR transactions to ensure that the Customer Threshold Code is mandatory for National Metering Identifiers (NMI) in NSW.

- **007 Update Change Request end dates**

~~This change proposes to remove the provision of ‘end dates’ on some Change Requests (CRs). The reason for this change is that for any retrospective “Create” CR, it should not be possible for a participant to provide an Actual End Date, as the change request type indicates the creation of a record not the end dating of a record. high end date. If a participant wishes to retrospectively update information for a specific period in the past, they should use the appropriate “Change” CR.~~

At the Draft Determination stage, Ausgrid raised concerns regarding the 007 Update Change Request end dates. As a result of further testing by AEMO and Ausgrid, it is recommended that the requirements and issues are clearly identified and potential solution options considered prior to making any procedure changes. The final

determination is that the change for 007 Update Change Request end dates will not be implemented as part of the MSATS Procedures v4.0.

- **008 Correction to Backdate a NMI Initiation Rules**

Changes are required to the WIGS Procedures for 'CR5001 Maintain NMI – Backdate a NMI' to the Initiation Rules and LNSP Obligations. These changes are procedural only, and were omitted from a previous consultation (CATS v2.5 and WIGS 1.2 in 2005/2006) when adding the ability for the LNSP to raise the CR5001.

- **005 Minor Changes**

In addition, some minor changes were identified and have been included in this consultation.

This document lists the proposed changes to the CATS Procedure, WIGS Procedure and associated MSATS configuration rules (if any). The proposed changes under consultation have a proposed effective date of 15 May 2014.

2. Purpose of this document

This document proposes changes to the MSATS Procedures. The current procedures as of 15 May 2013 are documented in the ***MSATS Procedures: CATS Procedure Version 3.8*** and ***WIGS Procedure Version 3.8*** and are available on AEMO's website.

Updates proposed in this document that affect NMI's with classification will be incorporated in the ***MSATS Procedures: CATS Procedure Version 4.0***. Similarly, updates that affect NMI's with classifications Wholesale, Interconnector, Generator, and Sample will be incorporated in the ***WIGS Procedure Version 4.0***.

3. The Consultation Process

The process and date plan for the changes proposed in this document is as follows:

Action	Start Date	End Date	Notes
Issue Notice of Consultation	15/11/2013	15/11/2013	(Complete)
Participant submissions are to be provided to AEMO	23/12/2013	23/12/2013	within 25 business days after the Notice of Consultation is issued (Complete)
AEMO considers all valid submissions and shall create the Draft Determination report (including the change marked MSATS Procedure version 3.8	24/12/2013	22/01/2014	within 20 business days of the submission close date (Complete)
AEMO Publish Draft Determination and Report	23/01/2014	23/01/2014	(Complete)
Participant submissions are to be provided to AEMO	24/01/2014	10/02/2014	within 10 business days after the Draft Determination is published (Complete)
AEMO considers all valid submissions and shall create the Final Determination report (including the change marked and clean versions of the MSATS Procedure version 3.8	11/02/2014	03/03/2014	within 30 business days of the submission close date (Complete)
AEMO Publish Final Determination	26/03/2014	26/03/2014	(Complete)
Proposed Effective Date of the MSATS Procedures 4.0	15/05/2014	15/05/2014	

4. Proposed Changes

This section lists the changes proposed by participants or by AEMO since the last completed consultation *MSATS Procedures*:

- Section 4.1 covers the proposed changes to the CATS Procedure Version 3.8
- Section 4.2 covers the proposed changes to the WIGS Procedure Version 3.8

NOTE: All proposed additions to the MSATS Procedures are highlighted in red colour text. All proposed deletions for the MSATS Procedures are highlighted in red strike through text. Example: ~~Reference~~.

Additional Submissions Received

Written submissions have been received from the following Market Participants providing an overall agreement to the changes proposed to the MSATS Procedures under this consultation and thus have not been included in the table below:

- Energex
- Energy Australia

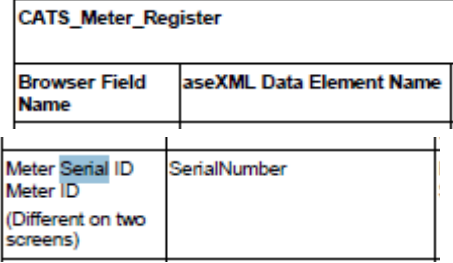
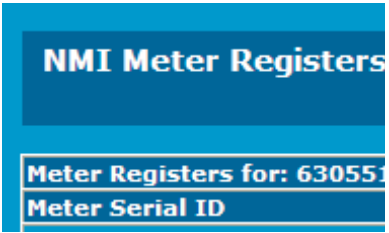
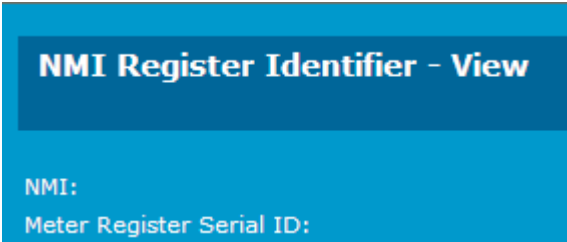
4.1 Proposed Changes to the CATS Procedure

Item	ID	Description	Participant Responses to Draft Consultation	Rating	Final Determination										
1		PROPOSED / REQUESTED CHANGES													
4.1.1	003	<ul style="list-style-type: none"> • Remove reference in Notes section relating to reconciling for pool settlements: <p>Clause 4.9 NMI Classification Codes</p> <ol style="list-style-type: none"> The NMI classification code enables the MSATS system to be informed of the nature of the flow of electricity at the connection point to which the NMI information applies, for example: generator, interconnector. The NMI classification codes 'LARGE' and 'SMALL' are used by these procedures. They are parameters that can be used when defining change reason codes, application time frames and objection rules. The NMI classification codes 'LARGE' and 'SMALL' are based on the total annual load of the NMI as per Table 4-E. The NMI classification codes 'LARGE' and 'SMALL' relate to a NMI and not to a site. NMI classification codes 'LARGE' and 'SMALL' allow the objection rules for small and large connection points to be different if required by a Jurisdiction. The valid NMI classification codes are specified in Table 4-E. <p>Table 4-E – NMI classification codes</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Description ⁽⁴⁾ ⁽²⁾</th> </tr> </thead> <tbody> <tr> <td>EPROFILE</td> <td>External Profile Shape</td> </tr> <tr> <td>GENERATR⁽⁺⁾</td> <td>Generator</td> </tr> <tr> <td>INTERCON⁽²⁾</td> <td>Interconnector</td> </tr> <tr> <td>LARGE ⁽³⁾ ⁽¹⁾</td> <td>Victoria: >=160 MWh NSW: >=160 MWh</td> </tr> </tbody> </table>	Code	Description ⁽⁴⁾ ⁽²⁾	EPROFILE	External Profile Shape	GENERATR ⁽⁺⁾	Generator	INTERCON ⁽²⁾	Interconnector	LARGE ⁽³⁾ ⁽¹⁾	Victoria: >=160 MWh NSW: >=160 MWh	<p>AGL</p> <p>AGL supports the change on the basis AEMO has advised this change is purely a procedural change and will not result in any changes to the Settlements system or reconciliation processes.</p> <p>BMRG Comments</p> <p>The BMRG unanimously agreed that no further changes will be made.</p>		AEMO notes the comments from AGL and that there will be no changes to the Settlements system or reconciliation processes as a result of this amendment.
Code	Description ⁽⁴⁾ ⁽²⁾														
EPROFILE	External Profile Shape														
GENERATR ⁽⁺⁾	Generator														
INTERCON ⁽²⁾	Interconnector														
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WHOLESALE ⁽⁴⁾	Wholesale Transmission Node Identifier																		
4.1.2	004	<ul style="list-style-type: none"> Remove NSW jurisdictional references as per NSW Government request: <p>Clause 2.4 Local Network Service Provider</p> <p>The current LNSP must:</p> <ul style="list-style-type: none"> (e) Adopt the role of RP, MP and MDP as required by the National Electricity Rules and any derogation to the National Electricity Rules. (f) Allocate a NMI and NMI checksum for each connection point in accordance with the NMI Procedures and clause 7.3.1(e) of the National Electricity Rules. (g) Provide the average daily load to the current MDP at the time of the creation of a NMI. (h) Provide an update of the average daily load to the current MDP where the LNSP becomes aware of an expected change in the ADL of greater than 20%, other than by advice from the MDP. (i) Except for NMIs in NSW Update the Customer Threshold Code within five business days of becoming aware that the existing Customer Threshold Code is incorrect for NMIs with a Customer Classification Code of 'BUSINESS' and a NMI status of 'A' or 'D'. (j) Update or remove, as required, the Customer Threshold Code for a NMI within five business days of the Customer Classification Code being changed to 'RESIDENTIAL'. (k) Provide DLF codes and values to AEMO for the initial population of the DLF 	<p>BMRG Comments</p> <p>The BMRG unanimously agreed with the changes as per the Draft Determination and have no further comments on this item.</p>		AEMO notes that no specific feedback was received with the Draft Determination and no further changes have been made.														

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		<p>code in the MSATS system.</p> <p>(l) Update MSATS NMI status to “D” (De-energise) within five business days of the Connection Point being de-energised. The proposed change date shall be the day after the de-energisation for an interval metered connection point or the day of the de-energisation for a Basic metered connection point. .</p> <p>(m) Provide to AEMO by a date defined in the Rules a matching list of DLF codes and associated DLF values.</p> <p>(n) Update the MSATS NMI Status to ‘A’ (Active) within five business day of the connection point being re-energised. The proposed change date shall be the day the connection point is re-energised.</p> <p>(o) Update the MSATS NMI Status to X (Extinct) within five business days of becoming aware of the abolition of the Connection Point. The proposed change date shall be the day after the connection point was removed for an interval metered connection point or the day of the removal for a basic metered connection point.</p> <p>(p) Ensure that network tariff details for each NMI in its area are stored in the Network Tariff Code field at the Register ID level.</p> <p>(q) Subject to any applicable jurisdictional restrictions, use reasonable endeavours to provide NMI and NMI Checksum (other than when this detail is available in MSATS NMI Discovery) to the new FRMP within one business day of a NMI Discovery follow up request for this information from the new FRMP for premises identified in the request by reference to any of the following:</p> <ul style="list-style-type: none"> o a unique meter identifier held by the Local Network Service Provider: or o a street address; or o the code (DPID) used by Australia Post to provide a unique identifier for postal addresses. <p>i. If a computer search by the LNSP does not produce a unique match for the information provided by the retailer, the LNSP must provide the retailer with any computer matches achieved up to a maximum of 99.</p> <p>(r) Subject to any applicable jurisdictional restrictions, provide <i>NMI Standing Data</i> (other than data available via MSATS NMI Discovery or the MSATS C7 report) to the new FRMP within two business days of a request from the new FRMP for premises identified in the request by reference to the NMI and Checksum for the premises.</p> <p>(s) Consider and action as necessary within two business days any requests from incorrectly assigned Participants to correct a Create NMI Change Request in MSATS.</p> <p>(t) Consider and action as necessary within two business days any requests from other CATS Participants to correct erroneous NMI standing data.</p> <p>(u) Provide, on request from a new FRMP who undertakes the role of Embedded Network Local Retailer, a set/range of NMIs and their checksum to that new FRMP for allocation by that FRMP to the child connection points of an embedded network within 2 business days of receiving the request.</p> <p>(v) Provide, on request from a current FRMP who undertakes the role of Embedded Network Local Retailer, one or more NMIs and their checksum to that current FRMP for allocation by that FRMP to the newly formed child connection points of an embedded network within 2 business days of receiving</p>			

Item	ID	Description	Participant Responses to Draft Consultation	Rating	Final Determination								
		<p>the request.</p> <p>Removal of Footnote 1 The Customer Threshold Code is not mandatory for NMIs in NSW. See also section 4.10.2.</p>											
4.1.3	004	<ul style="list-style-type: none"> Remove NSW jurisdictional references as per NSW government request: <p>Clause 4.10.2 Customer Threshold Code</p> <p>(a) The Customer Threshold Code enables MSATS to be informed of the consumption for the consumer at a single connection point to which the NMI information applies.</p> <p>(b) The Customer Threshold Code is based on the LNSPs determination of the annualised consumption for the consumer at a single connection point to which the NMI information applies.</p> <p>(c) The Customer Threshold Code relates to a consumer's consumption at a NMI and is separate to and additional to the NMI Classification Code.</p> <p>(d) The Customer Threshold Code is mandatory for all NMIs with a NMI status of 'A' or 'D' and a Customer Classification Code of 'BUSINESS'.</p> <p>(e) The Customer Threshold Code is not mandatory for NMIs in NSW.</p> <p>(f)(e) The valid Customer Threshold Codes are specified in Table 4-G.</p> <p>Table 4-G – Customer Threshold Codes</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>LOW</td> <td>Consumption is less than the lower consumption threshold as defined in the National Energy Retail Regulations, or in over-riding jurisdictional instruments.</td> </tr> <tr> <td>MEDIUM</td> <td>Consumption is equal to or greater than the lower consumption threshold, but less than the upper consumption threshold, as defined in the National Energy Retail Regulations, or in over-riding jurisdictional instruments.</td> </tr> <tr> <td>HIGH</td> <td>Consumption is equal to or greater than the upper consumption threshold as defined in the National Energy Retail Regulations, or in over-riding jurisdictional instruments.</td> </tr> </tbody> </table>	Code	Description	LOW	Consumption is less than the lower consumption threshold as defined in the National Energy Retail Regulations, or in over-riding jurisdictional instruments.	MEDIUM	Consumption is equal to or greater than the lower consumption threshold, but less than the upper consumption threshold, as defined in the National Energy Retail Regulations, or in over-riding jurisdictional instruments.	HIGH	Consumption is equal to or greater than the upper consumption threshold as defined in the National Energy Retail Regulations, or in over-riding jurisdictional instruments.	<p>BMRG Comments</p> <p>The BMRG unanimously agreed with the changes as per the Draft Determination and have no further comments on this item.</p>		AEMO notes that no specific feedback was received with the Draft Determination and no further changes have been made.
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HIGH	Consumption is equal to or greater than the upper consumption threshold as defined in the National Energy Retail Regulations, or in over-riding jurisdictional instruments.												
4.1.4	005	<ul style="list-style-type: none"> Update definition of Datastream type to add consistency <p>Clause 44.4 NMI Discovery – NMI Standing Data Access Rules (stage 2)</p> <p>(a) This clause 44.4 specifies the NMI standing data that is available to retailers and network service providers who do not have an explicit informed consent from a consumer.</p> <p>(b) A Local Network Service Provider must:</p> <ol style="list-style-type: none"> Only carry out a stage 2 NMI Discovery on any NMI or NMI's where they are assigned a role as the current LNSP. Only perform stage 2 NMI search activity within its local area for the purpose of responding to a request from a retailer to assist in the resolution of a NMI data 	<p>AGL</p> <p>A code representing the name of the parent for any associated embedded network - up to 10 characters</p> <p>***</p> <p>Table 44-C shows MSATS Name as 'Meter Serial Number'</p> <p>Standing data for MSATS procedures and</p>	<p>L</p> <p>L</p>	<p>AEMO notes the feedback from AGL and proposes the following changes:</p> <p>AEMO notes that AGL's proposal to remove character lengths (see below) is the recommended change and therefore this change is not required.</p> <p>***</p> <p>The column header will remain as MSATS name. AEMO notes the use of several terms and proposes to use the term 'Meter Serial ID' as this is used in the MSATS Procedures.</p>								


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		<p>problem, or to perform quality checks of its data within the MSATS system.</p> <p>(c) The NMI data access rules define:</p> <ol style="list-style-type: none"> 1. Which role can initiate a request for NMI standing data. 2. Which standing data items will be returned when a request is submitted to the MSATS system. <p>(d) The NMI data access rules may be defined by Jurisdiction.</p> <p>(e) The valid NMI standing data items that would be returned to a FRMP or LNSP in all Jurisdictions on a successful data access request are specified in Table 44-C. Further details of each data item can be found in the MSATS standing data tables from the "Standing Data for MSATS" document.</p> <p>Table 44-C – Common NMI standing data items returned to a FRMP or LNSP in all Jurisdictions for a stage 2 search / request</p> <table border="1"> <thead> <tr> <th>MSATS Name</th> <th>Description of data items returned on a successful data access request Data item description</th> <th>MSATS standing data table</th> </tr> </thead> <tbody> <tr> <td>NMI</td> <td>A 10 character national metering identifier.</td> <td>CATS_NMI_DATA</td> </tr> <tr> <td>TNI Code</td> <td>A code representing the transmission node identifier – up to 4 characters.</td> <td>CATS_NMI_DATA</td> </tr> <tr> <td>DLF Code</td> <td>A code representing the distribution loss factor – up to 4 characters.</td> <td>CATS_NMI_DATA</td> </tr> <tr> <td>NMI Classification Code</td> <td>Refer to clause 4.9.</td> <td>CATS_NMI_DATA</td> </tr> <tr> <td>Embedded Network Parent</td> <td>A code representing the name of the parent for any associated embedded network – up to 10 characters.</td> <td>CATS_NMI_DATA</td> </tr> <tr> <td>Embedded Network Child</td> <td>A code representing the name of the child for any associated embedded network – up to 10 characters.</td> <td>CATS_NMI_DATA</td> </tr> <tr> <td>Meter Serial Number</td> <td>The meter serial number of the meter associated with the next scheduled read date and network tariff code details provided (see items below).</td> <td>CATS_METER_REGISTER</td> </tr> <tr> <td>Next Scheduled Read Date</td> <td>The next scheduled read date in date format.</td> <td>CATS_METER_REGISTER</td> </tr> <tr> <td>Register ID</td> <td>The register id of the register that the network tariff code and network tariff code</td> <td>CATS_REGISTER_IDENTIFIER</td> </tr> </tbody> </table>	MSATS Name	Description of data items returned on a successful data access request Data item description	MSATS standing data table	NMI	A 10 character national metering identifier.	CATS_NMI_DATA	TNI Code	A code representing the transmission node identifier – up to 4 characters.	CATS_NMI_DATA	DLF Code	A code representing the distribution loss factor – up to 4 characters.	CATS_NMI_DATA	NMI Classification Code	Refer to clause 4.9.	CATS_NMI_DATA	Embedded Network Parent	A code representing the name of the parent for any associated embedded network – up to 10 characters.	CATS_NMI_DATA	Embedded Network Child	A code representing the name of the child for any associated embedded network – up to 10 characters.	CATS_NMI_DATA	Meter Serial Number	The meter serial number of the meter associated with the next scheduled read date and network tariff code details provided (see items below).	CATS_METER_REGISTER	Next Scheduled Read Date	The next scheduled read date in date format.	CATS_METER_REGISTER	Register ID	The register id of the register that the network tariff code and network tariff code	CATS_REGISTER_IDENTIFIER	<p>AEMO NMI Discovery questions and answers shows the data element name as 'Serial Number' and the browser field as Meter Serial ID and Meter ID (different on two screens)</p>  <p>In MSATS at the NMI Register level it shows as 'Meter Serial ID'</p>  <p>Or at the NMI Register Identifier Level it shows as 'Meter Register Serial ID'</p>  <p>If the document is to capture the "MSATS name" which can be different to the data element name then I suggest changing it to align to the exact MSATS name or change the document column header from MSATS Name to 'Browser Field Name' and/or 'Data Element Name'.</p> <p>*** Table 44-C shows MSATS Name as 'NMI Classification Code'</p> <p>MSATS shows it as 'Classification Code'</p>	L	<table border="1"> <tr> <td>Meter Serial Number-ID</td> <td>The meter serial number ID of the meter associated with the next scheduled read date and network tariff code details provided (see items below).</td> <td>CATS_METER_REGISTER</td> </tr> </table> <p>*** It is proposed that no changes are required and the term remain as NMI Classification Code as per the MSATS Procedures.</p>	Meter Serial Number-ID	The meter serial number ID of the meter associated with the next scheduled read date and network tariff code details provided (see items below).	CATS_METER_REGISTER
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		additional information refers to.																				
		Network Tariff Code	A code representing the network tariff – up to 10 characters.	CATS_REGISTER_IDENTIFIER																		
		Network Tariff Code Additional Information	Additional text to supplement the network tariff code if this is a complex network tariff code.	CATS_REGISTER_IDENTIFIER																		
		Feeder Class	A code for logical grouping of NMIs based on the DNSPs distribution feeder – up to 15 characters.	CATS_NMI_DATA																		
		Customer Classification Code	A code that defines the consumer class as defined in the National Energy Retail Regulations, or in over-riding jurisdictional instruments.	CATS_NMI_DATA																		
		Customer Threshold Code	A code that defines the consumption threshold as defined in the National Energy Retail Regulations, or in over-riding jurisdictional instruments.	CATS_NMI_DATA																		
		LNSP	A code representing the identity of the Local Network Service Provider – up to 8 characters.	CATS_NMI_PARTICIPANT_RELATIONS																		
		MDP	A code representing the identity of the Metering Data Provider (Category D) – up to 8 characters.	CATS_NMI_PARTICIPANT_RELATIONS																		
		MPB	A code representing the identity of the Metering Provider (Category B) – up to 8 characters.	CATS_NMI_PARTICIPANT_RELATIONS																		
		MPC	A code representing the identity of the Metering Data Provider (Category C) – up to 8 characters.	CATS_NMI_PARTICIPANT_RELATIONS																		
		Address	This includes all address fields, which comprise DPID, building name, flat number, flat type, floor number, floor type, house number, house number suffix, location descriptor, lot number, street	CATS_NMI_DATA																		
			<p>General Information:</p> <p>NMI: Classification Code:</p> <p>The Data Element name and the browser field name as per the Standing Data for MSATS Procedures shows as 'NMI Classification Code'</p> <table border="1"> <thead> <tr> <th colspan="2">CATS_NMI_Data</th> </tr> <tr> <th>Data Element Name</th> <th>Browser Field Name</th> </tr> </thead> <tbody> <tr> <td>NMI</td> <td>NMI</td> </tr> <tr> <td>NMIClassificationCode</td> <td>NMI Classification Code</td> </tr> </tbody> </table> <p>If the document is to capture the "MSATS name" which can be different to the data element name then I suggest changing it to align to the exact MSATS name or change the document column header from MSATS name to 'Browser Field Name' and/or 'Data Element Name'</p> <p>***</p> <p>Table 44-C shows MSATS name as 'Embedded Network Parent' MSATS shows it as 'Embedded Network ID (Parent)</p> <p>Embedded Network ID (Parent):</p> <p>The Data Element name as per the Standing Data for MSATS Procedures shows as 'ParentEmbedded NetworkIdentifier' and the browser field name shows as Embedded Network (Parent)</p> <table border="1"> <thead> <tr> <th colspan="2">CATS_NMI_Data</th> </tr> <tr> <th>Data Element Name</th> <th>Browser Field Name</th> </tr> </thead> <tbody> <tr> <td>ParentEmbedded NetworkIdentifier</td> <td>Embedded Network (Parent)</td> </tr> </tbody> </table> <p>If the document is to capture the "MSATS name" which can be different to the data element name then I suggest changing it to align to the exact MSATS name or change the document column header from MSATS name to 'Browser Field Name' and/or 'Data Element Name'</p>	CATS_NMI_Data		Data Element Name	Browser Field Name	NMI	NMI	NMIClassificationCode	NMI Classification Code	CATS_NMI_Data		Data Element Name	Browser Field Name	ParentEmbedded NetworkIdentifier	Embedded Network (Parent)	L	<p>***</p> <p>It is proposed that 'Embedded Network Parent' be changed to 'Embedded Network Parent Name' as this is used in the MSATS Procedures.</p> <table border="1"> <tr> <td>Embedded Network Parent Name</td> <td>A code representing the name of the parent for any associated embedded network – up to 10 characters.</td> <td>CATS_NMI_DATA</td> </tr> </table>	Embedded Network Parent Name	A code representing the name of the parent for any associated embedded network – up to 10 characters.	CATS_NMI_DATA
CATS_NMI_Data																						
Data Element Name	Browser Field Name																					
NMI	NMI																					
NMIClassificationCode	NMI Classification Code																					
CATS_NMI_Data																						
Data Element Name	Browser Field Name																					
ParentEmbedded NetworkIdentifier	Embedded Network (Parent)																					
Embedded Network Parent Name	A code representing the name of the parent for any associated embedded network – up to 10 characters.	CATS_NMI_DATA																				

Item	ID	Description	Participant Responses to Draft Consultation	Rating	Final Determination						
		name, street suffix, street type, unstructured address1, unstructured address2, unstructured address3, postcode, locality, and state.	*** Table 44-C shows MSATS name as 'Embedded Network Child'	L	*** It is proposed that Embedded Network Child be changed to Embedded Network Child Name as this is used in the MSATS Procedures.						
	Jurisdiction	A code that identifies the jurisdiction in which the NMI is located – up to 3 characters.	MSATS shows it as 'Embedded Network ID (Child)		<table border="1"> <tr> <td>Embedded Network Child Name</td> <td>A code representing the name of the child for any associated embedded network – up to 10 characters.</td> <td>CATS_NMI_DATA</td> </tr> </table>	Embedded Network Child Name	A code representing the name of the child for any associated embedded network – up to 10 characters.	CATS_NMI_DATA			
Embedded Network Child Name	A code representing the name of the child for any associated embedded network – up to 10 characters.	CATS_NMI_DATA									
	NMI Status Code	Refer to clause 4.11	Embedded Network ID (Child):								
	Suffix	A code representing the NMI datastream – 2 characters.	The Data Element name as per the Standing Data for MSATS Procedures shows as 'ChildEmbeddedNetworkIdentifier' and the Browser Field Name shows as 'ChildEmbeddedNetworkIdentifier'								
	Profile Name	A code representing the name of the profile – up to 10 characters.	<table border="1"> <thead> <tr> <th colspan="2">CATS_NMI_Data</th> </tr> <tr> <th>Data Element Name</th> <th>Browser Field Name</th> </tr> </thead> <tbody> <tr> <td>ChildEmbeddedNetworkIdentifier</td> <td>Embedded Network ID (Child)</td> </tr> </tbody> </table>	CATS_NMI_Data		Data Element Name	Browser Field Name	ChildEmbeddedNetworkIdentifier	Embedded Network ID (Child)		
CATS_NMI_Data											
Data Element Name	Browser Field Name										
ChildEmbeddedNetworkIdentifier	Embedded Network ID (Child)										
	Metering Installation Code	Refer to clause 4.12.	If the document is to capture the "MSATS name" which can be different to the data element name then I suggest changing it to align to the exact MSATS name or change the document column header from MSATS name to "Browser Field Name" and/or 'Data Element Name'								
	Average Daily Load	The electrical energy delivered through a connection point or metering point over an extended period normalised to a "per day" basis (kWh) – up to 10 digits.	***								
	Meter Status	A single character code to denote the status of the meter within the NEM.	Some of the Data Item Descriptions include 'up to x characters' whilst some do not.	L							
	Register Status	A single character lookup code to indicate if register is active.	For consistency if character lengths are to be updated then AGL recommends included all character lengths for all 'MSAT name' or the alternative would be to remove the additions updated for 'character lengths as the document has been updated to advise 'Further details of each data item can be found in the MSATS standing data tables from the 'Standing Data for MSATS' document								
	Datastream Status Code	Code used to indicate the status of the suffix. This value must correspond to a valid Stream Status Code in the MSATS_Codes_Values_table. Refer to clause 4.11.	***								
	Datastream Type	A single character code to indicate the type of data that the datastream will report includes interval and basic.	Meter Serial Number – Data Item Description advises (see items below)	L							
	Unit of Measure	A code to identify the Unit of Measure (UOM) for data held in this register – up to 5 characters.	What 'items' is this referring to?		*** The 'items' are noted lower down in Table 44C. The following addition is proposed						
	Time Of Day	Industry developed Codes to identify the time validity of register contents – up to 10			<table border="1"> <tr> <td>Meter Serial Number</td> <td>The meter serial number of the meter associated with the 'next scheduled read</td> <td>CATS_METER_REGISTER</td> </tr> </table>	Meter Serial Number	The meter serial number of the meter associated with the 'next scheduled read	CATS_METER_REGISTER			
Meter Serial Number	The meter serial number of the meter associated with the 'next scheduled read	CATS_METER_REGISTER									

Item	ID	Description	Participant Responses to Draft Consultation	Rating	Final Determination															
		characters.																		
		Multiplier Multiplier required to take a register value and turn it into a value representing billable energy.	CATS_REGISTER_IDENTIFIER																	
		Dial Format Describes the register display format..	CATS_REGISTER_IDENTIFIER																	
		Controlled Load Indicates whether the energy recorded by this register is created under a controlled load regime. Controlled Load field will have "No" if register does not relate to a controlled load, it should contain a description of the controlled load regime.	CATS_REGISTER_IDENTIFIER																	
		ActCumInd (Actual/Cumulative Indicator) Actual/Subtractive Indicator. Actual implies volume of energy actually metered between two dates. Cumulative indicates two meter readings are required to determine the consumption between those two read dates. For an interval meter, ActCumInd is normally = A.	CATS_REGISTER_IDENTIFIER																	
		MeterRead Type Code indicating the method and frequency of meter reading.	CATS_METER_REGISTER																	
			<p>The meter serial number of the meter associated with the next scheduled read date and network tariff code details provided (see items below).</p> <p>Recommend considering if (see items below) should be removed or updated to include what the 'items' are.</p> <p>***</p> <p>Dial Format – Data Item Description Shows two ..</p> <p>Describes the register display format..</p> <p>***</p> <p>Table 44-C shows MSATS name as 'Register Status'</p> <p>MSATS shows it at Register level as 'Status Code'</p> <p>Status Code:</p> <table border="1"> <thead> <tr> <th colspan="3">CATS_Register_Identifier</th> </tr> <tr> <th>Browser Field Name</th> <th>aseXML Data Element Name</th> <th>aseXML Path</th> </tr> </thead> <tbody> <tr> <td>Status Code</td> <td>Status</td> <td>ElectricityMeter RegisterDetail/Status</td> </tr> </tbody> </table> <p>If the document is to capture the "MSATS name" which can be different to the data element name then I suggest changing it to align to the exact MSATS name or change the document column header from MSATS name to 'Browser Field Name' and/or 'Data Element Name'</p> <p>***</p> <p>Table 44-C shows MSATS name as 'Datastream Status Code' In MSATS it shows at Data Steam level as 'Status Code'</p>	CATS_Register_Identifier			Browser Field Name	aseXML Data Element Name	aseXML Path	Status Code	Status	ElectricityMeter RegisterDetail/Status	L	<p>date' and 'network tariff code' details provided (Description of items is listed in Table 44C see items below).</p> <p>***</p> <p>Agreed, the following change is proposed:</p> <table border="1"> <tr> <td>Dial Format</td> <td>Describes the register display format..</td> <td>CATS_REGISTER_IDENTIFIER</td> </tr> </table> <p>****</p> <p>It is proposed that "Register Status" be changed to 'Meter Register Status' as per the MSATS Procedures.</p> <table border="1"> <tr> <td>Meter Register Status</td> <td>A single character lookup code to indicate if register is active.</td> <td>CATS_REGISTER_IDENTIFIER</td> </tr> </table> <p>***</p> <p>It is proposed that no changes are required and the term remain as Datastream Status Code as per the MSATS Procedures.</p>	Dial Format	Describes the register display format..	CATS_REGISTER_IDENTIFIER	Meter Register Status	A single character lookup code to indicate if register is active.	CATS_REGISTER_IDENTIFIER
CATS_Register_Identifier																				
Browser Field Name	aseXML Data Element Name	aseXML Path																		
Status Code	Status	ElectricityMeter RegisterDetail/Status																		
Dial Format	Describes the register display format..	CATS_REGISTER_IDENTIFIER																		
Meter Register Status	A single character lookup code to indicate if register is active.	CATS_REGISTER_IDENTIFIER																		

Item	ID	Description	Participant Responses to Draft Consultation	Rating	Final Determination																				
			<table border="1" data-bbox="1299 321 1558 472"> <thead> <tr> <th>Status Code</th> </tr> </thead> <tbody> <tr> <td>I</td> </tr> <tr> <td>A</td> </tr> <tr> <td>A</td> </tr> </tbody> </table> <p>The Data Element name as per the Standing Data for MSATS Procedures shows as 'ElectricityDataSteamStatus' and the browser field name as 'Status Code'</p> <table border="1" data-bbox="1320 688 1736 846"> <thead> <tr> <th colspan="2">CATS_NMI_Data_Stream</th> </tr> <tr> <th>Data Element Name</th> <th>Browser Field Name</th> </tr> </thead> <tbody> <tr> <td>ElectricityDataStream/Status</td> <td>Status Code</td> </tr> </tbody> </table> <p>***</p> <p>Table 44-C shows MSATS name as 'Data Stream Type'</p> <p>In MSATS it shows at Data Steam Level as 'Type'</p> <table border="1" data-bbox="1299 1136 1409 1270"> <thead> <tr> <th>Type</th> </tr> </thead> <tbody> <tr> <td>C</td> </tr> <tr> <td>I</td> </tr> <tr> <td>I</td> </tr> </tbody> </table> <p>The Data Element name as per the Standing Data for MSATS Procedures shows as 'ElectricityDataSteam/Data StreamType' and the browser field name as 'Type'</p> <table border="1" data-bbox="1308 1457 1724 1614"> <thead> <tr> <th colspan="2">CATS_NMI_Data_Stream</th> </tr> <tr> <th>Data Element Name</th> <th>Browser Field Name</th> </tr> </thead> <tbody> <tr> <td>ElectricityDataStream/DataStreamType</td> <td>Type</td> </tr> </tbody> </table> <p>If the document is to capture the "MSATS name" which can be different to the data element name then I suggest changing it to align to the exact MSATS name or change the document column header from MSATS name to 'Browser Field Name' and/or 'Data Element Name'</p> <p>***</p> <p>Table 44-C shows MSATS name as</p>	Status Code	I	A	A	CATS_NMI_Data_Stream		Data Element Name	Browser Field Name	ElectricityDataStream/Status	Status Code	Type	C	I	I	CATS_NMI_Data_Stream		Data Element Name	Browser Field Name	ElectricityDataStream/DataStreamType	Type	L	<p>***</p> <p>It is proposed that no changes are required and the term remain as Datastream Type as per the MSATS Procedures.</p> <p>***</p> <p>Agreed, the following change is proposed</p>
Status Code																									
I																									
A																									
A																									
CATS_NMI_Data_Stream																									
Data Element Name	Browser Field Name																								
ElectricityDataStream/Status	Status Code																								
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Data Element Name	Browser Field Name																								
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Item	ID	Description	Participant Responses to Draft Consultation	Rating	Final Determination									
			<p>ActCumid (Actual/Cumulative Indicator)</p> <p>In MSATS it shows as Actual/Cumulative Indicator:</p> <p>The Data Element name as per the Standing Data for MSATS Procedures shows as 'Consumption Type' and the browser field name as 'Acutal/Cumulative Indicator'</p> <table border="1"> <thead> <tr> <th colspan="2">CATS_Register_Identifier</th> </tr> <tr> <th>Data Element Name</th> <th>Browser Field Name</th> </tr> </thead> <tbody> <tr> <td>ConsumptionType</td> <td>Actual/Cumulative Indicator</td> </tr> </tbody> </table> <p>Suggest removing 'Actcumid' And showing as Actual/Cumulative Indicator without the ()</p> <p>*** BMRG Comments The BMRG reviewed AGL's comments and agreed with AEMO's proposed changes. The term Datastream status was discussed and it was agreed that the current spelling of the term would be kept.</p>	CATS_Register_Identifier		Data Element Name	Browser Field Name	ConsumptionType	Actual/Cumulative Indicator		<table border="1"> <tr> <td>ActCumind {Actual/Cumulative Indicator}</td> <td>Actual/Subtractive Indicator. Actual implies volume of energy actually metered between two dates. Cumulative indicates two meter readings are required to determine the consumption between those two read dates. For an interval meter, ActCumind Actual/Cumulative Indicator is normally = A.</td> <td>CATS_REGISTER_IDENTIFIER</td> </tr> </table> <p>*** The final version of the change marked table is in the attached document below.</p>  <p>MSATS Table 44C for Final Determination</p>	ActCumind {Actual/Cumulative Indicator}	Actual/Subtractive Indicator. Actual implies volume of energy actually metered between two dates. Cumulative indicates two meter readings are required to determine the consumption between those two read dates. For an interval meter, ActCumind Actual/Cumulative Indicator is normally = A.	CATS_REGISTER_IDENTIFIER
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Data Element Name	Browser Field Name													
ConsumptionType	Actual/Cumulative Indicator													
ActCumind {Actual/Cumulative Indicator}	Actual/Subtractive Indicator. Actual implies volume of energy actually metered between two dates. Cumulative indicates two meter readings are required to determine the consumption between those two read dates. For an interval meter, ActCumind Actual/Cumulative Indicator is normally = A.	CATS_REGISTER_IDENTIFIER												
4.1.5	007	<ul style="list-style-type: none"> Update retrospective CRs 3001 & 3003 to remove ability to provide 'Actual end date': <p>Clause 16 Maintain Metering – Create Metering Installation Details – Small OR LARGE</p> <p>16.1 Application [3000 3001 3003]</p> <p>This procedure applies to the following change reason codes:</p> <ul style="list-style-type: none"> 3000 – Create Metering Installation Details This is the situation where the current MPB establishes the initial set of information in the MSATS system in regard to the metering installation details, and there is no associated meter removal for the NMI for the same effective date. The date at which the information will apply would be a prospective date. 3001 – Create Metering Installation Details – Retrospective This is the situation where the current MPB establishes the initial set of information in the MSATS system in regard to the metering installation details, and there is no associated meter removal for the NMI for the same effective date. The date at which the information will apply would be a retrospective date. 3003 – Create Meter Details - Retrospective (Tier 1 only) This is the situation where the current MPB establishes the initial set of 	<p>BMRG Comments The BMRG unanimously agreed that no changes would be made to the Procedures.</p>		<p>At the Draft Determination stage, Ausgrid raised concerns regarding the 007 Update Change Request end dates. As a result of further testing by AEMO and Ausgrid, it is recommended that the requirements and issues are clearly identified and potential solution options considered prior to making any procedure changes. The final determination is that the change for 007 Update Change Request end will not be implemented as part of the MSATS Procedures v4.0.</p> <p>The following will not be removed from the retrospective CRs 3001-3003:</p> <p>f)For change reason codes that are retrospective, populate the initial change request with the following information:</p> <table border="1"> <tr> <td>Actual end date</td> <td></td> <td></td> </tr> </table>	Actual end date								
Actual end date														

Item	ID	Description	Participant Responses to Draft Consultation	Rating	Final Determination																								
		<p>information in the MSATS system in regard to the metering installation details, and there is no associated meter removal for the NMI for the same effective date for a connection point that is a tier 1 connection point. The date at which the information will apply would be a retrospective date.</p> <p>This change request is related to change request 3001 but has different notification rules.</p> <p>16.2 Conditions Precedent</p> <ul style="list-style-type: none"> (a) The NMI exists in the MSATS system. (b) The metering installation details do not exist in MSATS. (c) The NMI classification code is SMALL or LARGE. (d) There are no objections allowed for this change reason code and NMI classification. (e) Chapter 0 relates only to change reason codes 3000, 3001 and 3003. (f) In order to use change reason code 3003, the NMI must have been a tier 1 NMI for all its life. <p>16.3 Initiation Rules</p> <ul style="list-style-type: none"> (a) A current MPB may initiate a change request to create metering installation records in the MSATS system in accordance with clause 0. (b) The current MPB must use one of the following change reason codes 3000, 3001 or 3003 to establish an initial change request. <p>16.4 MPB Obligations</p> <p>The current MPB must:</p> <ul style="list-style-type: none"> (a) Obtain the NMI checksum from an approved source. (b) Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request. (c) Populate an initial change request with the following information: <table border="1" data-bbox="237 1318 1139 1728"> <thead> <tr> <th>Change reason code</th> <th>Participant transaction ID</th> <th>NMI and NMI checksum</th> </tr> </thead> <tbody> <tr> <td>CATS participant ID</td> <td>Proposed change date</td> <td>Meter serial ID (at least one)</td> </tr> <tr> <td>Metering installation type (for each meter)</td> <td>Meter status (for each meter)</td> <td>Register ID (at least one for each meter)</td> </tr> <tr> <td>Register ID status (for each register ID)</td> <td>Actual / cumulative indicator (for each register ID)</td> <td>Controlled load indicator (for each register ID)</td> </tr> <tr> <td>Dial format (for each register ID)</td> <td>Multiplier value (for each register ID)</td> <td>Time of day code (for each register ID)</td> </tr> <tr> <td>Unit of measure code (for each register ID)</td> <td></td> <td></td> </tr> </tbody> </table> <p>The current MPB may:</p> <ul style="list-style-type: none"> d) Populate the initial change request with the following information for each meter: <table border="1" data-bbox="237 1850 1050 1940"> <thead> <tr> <th>Additional site information</th> <th>Network tariff code (for each register ID)</th> <th>Next scheduled read date</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Change reason code	Participant transaction ID	NMI and NMI checksum	CATS participant ID	Proposed change date	Meter serial ID (at least one)	Metering installation type (for each meter)	Meter status (for each meter)	Register ID (at least one for each meter)	Register ID status (for each register ID)	Actual / cumulative indicator (for each register ID)	Controlled load indicator (for each register ID)	Dial format (for each register ID)	Multiplier value (for each register ID)	Time of day code (for each register ID)	Unit of measure code (for each register ID)			Additional site information	Network tariff code (for each register ID)	Next scheduled read date						
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Item	ID	Description	Participant Responses to Draft Consultation	Rating	Final Determination																																							
		<table border="1"> <tr> <td>Meter location</td> <td>Meter hazard</td> <td>Meter route</td> </tr> <tr> <td>Meter use</td> <td>Meter point</td> <td>Meter manufacturer</td> </tr> <tr> <td>Meter model</td> <td>Transformer location</td> <td>Transformer type</td> </tr> <tr> <td>Transformer ratio</td> <td>Meter constant</td> <td>Last test date</td> </tr> <tr> <td>Next test date</td> <td>Test result accuracy</td> <td>Test result notes</td> </tr> <tr> <td>Test performed by</td> <td>Measurement type</td> <td>Meter program</td> </tr> <tr> <td>Meter read type</td> <td>Remote phone number</td> <td>Communication equipment type</td> </tr> <tr> <td>Communication protocol</td> <td>Data conversion arrangements</td> <td>Data validation arrangements</td> </tr> <tr> <td>Estimation instructions</td> <td>Asset management plan details</td> <td>Calibration tables (details of any calibration factors programmed into the meter)</td> </tr> <tr> <td>Password details (the read and time set passwords only, separated by a space; the write password is not to be recorded in MSATS)</td> <td>Test and calibration program details</td> <td>User access rights details (i.e. details of any end-use customer access to the metering installation such as pulse outputs)</td> </tr> </table> <p>e) Populate the initial change request with the following information for each register:</p> <table border="1"> <tr> <td>Network tariff code additional information</td> <td>MDM contributory suffix (this can also be supplied by the MDP)</td> <td>Demand value 1, if the network tariff charge includes a demand component</td> </tr> <tr> <td>Demand value 2, if the network tariff charge includes a second demand component</td> <td></td> <td></td> </tr> </table> <p>f) For change reason codes that are retrospective, populate the initial change request with the following information:</p> <table border="1"> <tr> <td>Actual end date</td> <td></td> <td></td> </tr> </table>	Meter location	Meter hazard	Meter route	Meter use	Meter point	Meter manufacturer	Meter model	Transformer location	Transformer type	Transformer ratio	Meter constant	Last test date	Next test date	Test result accuracy	Test result notes	Test performed by	Measurement type	Meter program	Meter read type	Remote phone number	Communication equipment type	Communication protocol	Data conversion arrangements	Data validation arrangements	Estimation instructions	Asset management plan details	Calibration tables (details of any calibration factors programmed into the meter)	Password details (the read and time set passwords only, separated by a space; the write password is not to be recorded in MSATS)	Test and calibration program details	User access rights details (i.e. details of any end-use customer access to the metering installation such as pulse outputs)	Network tariff code additional information	MDM contributory suffix (this can also be supplied by the MDP)	Demand value 1, if the network tariff charge includes a demand component	Demand value 2, if the network tariff charge includes a second demand component			Actual end date					
Meter location	Meter hazard	Meter route																																										
Meter use	Meter point	Meter manufacturer																																										
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4.1.6	007	<ul style="list-style-type: none"> Update retrospective CR 3005 to remove ability to provide 'Actual end date': <p>Clause 17 Maintain Metering – EXCHANGE OF METERING information – SMALL or Large</p> <p>17.1 Application [3004 3005]</p> <p>This procedure applies to the following change reason codes:</p> <ul style="list-style-type: none"> 3004 – Exchange of Metering information <p>This is the situation where the current MPB is required to provide a change to</p>	<p>BMRG Comments</p> <p>The BMRG unanimously agreed that no changes would be made to the Procedures.</p>		<p>As noted above, AEMO and Ausgrid have completed further testing in regards to CR changes. It has been determined that no changes will be made and the following will not be removed from CR3005:</p> <p>(g) For change reason codes that are retrospective, populate the initial change request with:</p> <table border="1"> <tr> <td>Actual end date</td> <td></td> <td></td> </tr> </table>	Actual end date																																						
Actual end date																																												

Item	ID	Description	Participant Responses to Draft Consultation	Rating	Final Determination									
		<p>the information in the MSATS system in regard to the metering installation details. The change will include the removal of at least one existing meter and the installation of at least one new meter. A minimum set of metering installation details for the NMI shall exist upon completion of the Change Request. The date at which the information will apply would be a prospective date.</p> <ul style="list-style-type: none"> • 3005 – Exchange of Metering information – Retrospective <p>This is the situation where the current MPB is required to provide a change to the information in the MSATS system in regard to the metering installation details. The change will include the removal of at least one existing meter and the installation of at least one new meter. A minimum set of metering installation details for the NMI shall exist upon completion of the Change Request. The date at which the information will apply would be a retrospective date.</p> <p>17.2 Conditions Precedent</p> <ol style="list-style-type: none"> The NMI exists in the MSATS system. The metering installation details exist in MSATS. At least one meter is removed and one meter is created in each change request. The NMI classification code is SMALL or LARGE. There are no objections allowed for this change reason code and NMI classification. The meter serial ID for the installed meter shall be different to the existing meter serial ID for the same NMI. Chapter 17 relates only to change reason codes 3004 and 3005. <p>17.3 Initiation Rules</p> <ol style="list-style-type: none"> A current MPB may initiate a change request to change and create metering installation records in the MSATS system in accordance with clause 0 The current MPB must use one of the following change reason codes 3004 or 3005 to establish an initial change request. A minimum set of metering installation details for the NMI shall exist upon completion of the change request. <p>17.4 MPB obligations</p> <p>The current MPB must:</p> <ol style="list-style-type: none"> Obtain the NMI checksum from an approved source. Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request. Populate the change request with the following information: <table border="1" data-bbox="240 1682 1018 1860"> <thead> <tr> <th>Change reason code</th> <th>Participant transaction ID</th> <th>CATS participant ID</th> </tr> </thead> <tbody> <tr> <td>Proposed change date</td> <td>NMI</td> <td>NMI checksum</td> </tr> <tr> <td>Meter serial ID (for each meter)</td> <td></td> <td></td> </tr> </tbody> </table> <ol style="list-style-type: none"> For all meters associated to the NMI, where the Meter Status Code is to be “C” populate the change request with the following information (<i>where this information does not currently exist in MSATS</i>): 	Change reason code	Participant transaction ID	CATS participant ID	Proposed change date	NMI	NMI checksum	Meter serial ID (for each meter)					<p>(h) Where changes to Network Tariff information are required:</p> <ol style="list-style-type: none"> 1) Check that the network tariff code in the MSATS system is correct and, if it is not, update it to have the correct value. 2) Change the network tariff code in the MSATS system to ensure that the current information provided in the MSATS system is the latest information available from the current LNSP.
Change reason code	Participant transaction ID	CATS participant ID												
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Meter serial ID (for each meter)														

Item	ID	Description	Participant Responses to Draft Consultation	Rating	Final Determination																																																			
		<table border="1"> <tr> <td>Meter status (for each meter)</td> <td>Metering installation type (for each meter)</td> <td></td> </tr> </table> <p>e) For all meters associated to the NMI, where the Register ID Status is to be "C" populate the change request with the following information (where this information does not currently exist in MSATS):</p> <table border="1"> <tr> <td>Register ID</td> <td>Unit of measure code (for each register ID)</td> <td>Multiplier value (for each register ID)</td> </tr> <tr> <td>Time of day code (for each register ID)</td> <td>Dial format (for each register ID)</td> <td>Register ID status (for each register ID)</td> </tr> <tr> <td>Controlled load indicator (for each register ID)</td> <td>Actual / cumulative indicator (for each register ID)</td> <td></td> </tr> </table> <p>The current MPB may:</p> <p>f) Populate the change request with the following information for each meter:</p> <table border="1"> <tr> <td>Additional site information</td> <td>Next scheduled read date</td> <td>Meter location</td> </tr> <tr> <td>Meter hazard</td> <td>Meter route</td> <td>Meter use</td> </tr> <tr> <td>Meter point</td> <td>Meter manufacturer</td> <td>Meter model</td> </tr> <tr> <td>Transformer location</td> <td>Transformer type</td> <td>Transformer ratio</td> </tr> <tr> <td>Meter constant</td> <td>Last test date</td> <td>Next test date</td> </tr> <tr> <td>Test result accuracy</td> <td>Test result notes</td> <td>Test performed by</td> </tr> <tr> <td>Measurement type</td> <td>Meter program</td> <td>Meter read type</td> </tr> <tr> <td>Remote phone number</td> <td>Communication equipment type</td> <td>Communication protocol</td> </tr> <tr> <td>Data conversion arrangements</td> <td>Data validation arrangements</td> <td>Estimation instructions</td> </tr> <tr> <td>Asset management plan details</td> <td>Calibration tables (details of any calibration factors programmed into the meter)</td> <td>Password details (the read and time set passwords only, separated by a space; the write password is not to be recorded in MSATS)</td> </tr> <tr> <td>Test and calibration program details</td> <td>User access rights details (i.e. details of any end-use customer access to the metering installation such as pulse outputs)</td> <td>MDM contributory suffix (this can also be supplied by the MDP)</td> </tr> <tr> <td>Network tariff code additional information</td> <td>Demand value 1, if the network tariff charge includes a demand component</td> <td>Demand value 2, if the network tariff charge includes a second demand component</td> </tr> <tr> <td>Network Tariff Code (for each</td> <td></td> <td></td> </tr> </table>	Meter status (for each meter)	Metering installation type (for each meter)		Register ID	Unit of measure code (for each register ID)	Multiplier value (for each register ID)	Time of day code (for each register ID)	Dial format (for each register ID)	Register ID status (for each register ID)	Controlled load indicator (for each register ID)	Actual / cumulative indicator (for each register ID)		Additional site information	Next scheduled read date	Meter location	Meter hazard	Meter route	Meter use	Meter point	Meter manufacturer	Meter model	Transformer location	Transformer type	Transformer ratio	Meter constant	Last test date	Next test date	Test result accuracy	Test result notes	Test performed by	Measurement type	Meter program	Meter read type	Remote phone number	Communication equipment type	Communication protocol	Data conversion arrangements	Data validation arrangements	Estimation instructions	Asset management plan details	Calibration tables (details of any calibration factors programmed into the meter)	Password details (the read and time set passwords only, separated by a space; the write password is not to be recorded in MSATS)	Test and calibration program details	User access rights details (i.e. details of any end-use customer access to the metering installation such as pulse outputs)	MDM contributory suffix (this can also be supplied by the MDP)	Network tariff code additional information	Demand value 1, if the network tariff charge includes a demand component	Demand value 2, if the network tariff charge includes a second demand component	Network Tariff Code (for each					
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Item	ID	Description	Participant Responses to Draft Consultation	Rating	Final Determination						
		<table border="1"> <tr> <td>register ID)</td> <td></td> <td></td> </tr> </table> <p>g) For change reason codes that are retrospective, populate the initial change request with:</p> <table border="1"> <tr> <td>Actual end date</td> <td></td> <td></td> </tr> </table> <p>(h)(g) Where changes to Network Tariff information are required:</p> <ol style="list-style-type: none"> 1. Check that the network tariff code in the MSATS system is correct and, if it is not, update it to have the correct value. 2. Change the network tariff code in the MSATS system to ensure that the current information provided in the MSATS system is the latest information available from the current LNSP. 	register ID)			Actual end date					
register ID)											
Actual end date											
4.1.7	007	<ul style="list-style-type: none"> • Update retrospective CRs 4001 & 4003 to remove ability to provide 'Actual end date': <p>Clause 22 Maintain Datastream – Create MDM Datastream –Small or large</p> <p>22.1 Application [4000 4001 4003]</p> <p>This procedure applies to the following change reason codes:</p> <ul style="list-style-type: none"> • 4000 – Create MDM Datastream Details <p>This is the situation where the current MDP establishes the initial set of information in the MSATS system in regard to the MDM datastream details, and there is no associated datastream status change to inactive for the NMI for the same effective date. The date at which the information will apply would be a prospective date.</p> <ul style="list-style-type: none"> • 4001 – Create MDM Datastream Details - Retrospective <p>This is the situation where the current MDP establishes the initial set of information in the MSATS system in regard to the MDM datastream details, and there is no associated datastream status change to inactive for the NMI for the same effective date. The date at which the information will apply would be a retrospective date.</p> <ul style="list-style-type: none"> • 4003 – Create MDM Datastream - Retrospective (Tier 1 only) <p>This is the situation where the current MDP establishes the initial set of information in the MSATS system in regard to the MDM datastream details for a connection point that is a tier 1 connection point. The date at which the information will apply would be a retrospective date.</p> <p>This change request is related to change request 4001 but has different notification rules.</p> <p>22.2 Conditions Precedent</p> <ol style="list-style-type: none"> a) The NMI exists in the MSATS system. b) The MDM Datastream details do not exist in MSATS c) The NMI classification code is SMALL or LARGE. d) There are no objections allowed for this change reason code and NMI classification. e) Chapter 22 relates only to change reason codes 4000, 4001 and 4003. f) In order to use change reason code 4003, the NMI must have been a tier 1 NMI for all 	<p>BMRG Comments</p> <p>The BMRG unanimously agreed that no changes would be made to the Procedures.</p>		<p>AEMO and Ausgrid have completed further testing on the proposed CR changes. It has been determined that further analysis is required to develop a solution for this. No changes will be made to the current clause or CR 400/4001/4003 and the following text will not be removed.</p> <p>The current MDP may:</p> <p>e) For change reason codes that are retrospective populate the initial change request with the following information:</p> <table border="1"> <tr> <td>Actual end date</td> <td></td> <td></td> </tr> </table>	Actual end date					
Actual end date											

Item	ID	Description	Participant Responses to Draft Consultation	Rating	Final Determination															
		<p>its life.</p> <p>22.3 Initiation Rules</p> <p>a) A current MDP may initiate a change request to create an MDM datastream in the MSATS system in accordance with clause 22.4.</p> <p>b) The current MDP must use one of the following change reason codes 4000, 4001 or 4003 to establish an initial change request.</p> <p>22.4 MDP Obligations</p> <p>The current MDP must:</p> <p>a) Obtain the NMI checksum from an approved source.</p> <p>b) Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.</p> <p>c) Populate an initial change request with the following information:</p> <table border="1"> <tr> <th>Change reason code</th> <th>Participant transaction ID</th> <th>NMI and NMI checksum</th> </tr> <tr> <td>CATS participant ID</td> <td>Proposed change date</td> <td>NMI suffix (at least one)</td> </tr> <tr> <td>Datastream type (for each suffix)</td> <td>Profile name (for each suffix)</td> <td>Daily average load (for each suffix)</td> </tr> <tr> <td>Datastream status code (for each suffix)</td> <td></td> <td></td> </tr> </table> <p>d) Obtain the average daily load from the LNSP if this value is not otherwise provided by the new FRMP.</p> <p>The current MDP may:</p> <p>e) For change reason codes that are retrospective populate the initial change request with the following information:</p> <table border="1"> <tr> <td>Actual end date</td> <td></td> <td></td> </tr> </table>	Change reason code	Participant transaction ID	NMI and NMI checksum	CATS participant ID	Proposed change date	NMI suffix (at least one)	Datastream type (for each suffix)	Profile name (for each suffix)	Daily average load (for each suffix)	Datastream status code (for each suffix)			Actual end date					
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Datastream status code (for each suffix)																				
Actual end date																				
4.1.8	007	<ul style="list-style-type: none"> Update retrospective CR 4005 to remove ability to provide 'Actual end date': <p>Clause 23 Maintain Datastream - Exchange of Datastream Information SMALL or Large</p> <p>23.1 Application [4004 4005]</p> <p>This procedure applies to the following change reason codes:</p> <ul style="list-style-type: none"> 4004 – Exchange of Datastream Information <p>This is the situation where the current MDP is required to provide a change to the information in the MSATS system in regard to the MDM datastream details. The change will include at least one datastream status change to inactive and the creation of at least one new datastream. A minimum set of MDM datastream details for the NMI shall exist upon completion of the Change Request. The date at which the information will apply would be a prospective date.</p> <ul style="list-style-type: none"> 4005 – Exchange of Datastream Information - Retrospective <p>This is the situation where the current MDP is required to provide a change to the information in the MSATS system in regard to the MDM datastream</p>	<p>BMRG Comments</p> <p>The BMRG unanimously agreed that no changes would be made to the Procedures.</p>		<p>As noted above, AEMO and Ausgrid have completed further testing in regards to CR changes. It has been determined that no changes will be made and the following will not be removed from CR4005:</p> <p>f) For change reason codes that are retrospective, populate the initial change request with:</p> <table border="1"> <tr> <td>Actual end date</td> <td></td> <td></td> </tr> </table>	Actual end date														
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Item	ID	Description	Participant Responses to Draft Consultation	Rating	Final Determination																		
		<p>details. The change will include at least one datastream status change to inactive and the creation of at least one new datastream. A minimum set of MDM datastream details for the NMI shall exist upon completion of the Change Request. The date at which the information will apply would be a retrospective date.</p> <p>23.2 Conditions Precedent</p> <ul style="list-style-type: none"> a) The NMI exists in the MSATS system. b) The metering installation details exist in MSATS. c) The NMI classification code is SMALL or LARGE. d) Chapter 23 relates only to change reason codes 4004 and 4005. <p>23.3 Initiation Rules</p> <ul style="list-style-type: none"> a) A current MDP may initiate a change request to exchange datastream records in the MSATS system in accordance with clause 23.4. b) The current MDP must use one of the following change reason codes 4004 or 4005 to establish an initial change request. c) There are no objections allowed for this change reason code and NMI classification. d) A minimum set of MDM datastream details for the NMI shall exist upon completion of the change request. <p>23.4 MDP obligations</p> <p>The current MDP must:</p> <ul style="list-style-type: none"> a) Obtain the NMI checksum from an approved source. b) Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request. c) Populate the change request with the following information: <table border="1" data-bbox="240 1276 1018 1413"> <thead> <tr> <th>Change reason code</th> <th>Participant transaction ID</th> <th>CATS participant ID</th> </tr> </thead> <tbody> <tr> <td>Proposed change date</td> <td>NMI</td> <td>NMI checksum</td> </tr> </tbody> </table> <ul style="list-style-type: none"> d) For all datastreams associated to the NMI, where the Datastream Status Code is to be "A" populate the change request with the following information: (where this information does not currently exist in MSATS); <table border="1" data-bbox="240 1528 893 1696"> <thead> <tr> <th>NMI suffix (at least one)</th> <th>Datastream type (for each suffix)</th> <th>Profile name (for each suffix)</th> </tr> </thead> <tbody> <tr> <td>Daily average load (for each suffix)</td> <td>Data stream status code (for each suffix)</td> <td></td> </tr> </tbody> </table> <p>The current MDP may:</p> <ul style="list-style-type: none"> e) Populate the change request with the following information: <table border="1" data-bbox="240 1822 863 1936"> <thead> <tr> <th>Meter serial ID (for each meter)</th> <th>Register ID (for each register ID)</th> <th>MDM contributory suffix (for each register ID)</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Change reason code	Participant transaction ID	CATS participant ID	Proposed change date	NMI	NMI checksum	NMI suffix (at least one)	Datastream type (for each suffix)	Profile name (for each suffix)	Daily average load (for each suffix)	Data stream status code (for each suffix)		Meter serial ID (for each meter)	Register ID (for each register ID)	MDM contributory suffix (for each register ID)						
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Item	ID	Description	Participant Responses to Draft Consultation	Rating	Final Determination						
		<p>f) For change reason codes that are retrospective, populate the initial change request with:</p> <table border="1"> <tr> <td>Actual end date</td> <td></td> <td></td> </tr> </table>	Actual end date								
Actual end date											
4.1.9	N/A	<p>Effective Date of the CATS Procedures The proposed effective date of the CATS Procedures is 15 May 2014.</p> <p>Procedure Cover Page: Effective Date: 15 May 2014</p> <p>The document version history will also be updated to reflect these changes.</p>	<p>BMRG Comments The BMRG unanimously agreed that no further changes would be made.</p>		AEMO notes that no feedback was received with the Draft Determination and no further changes have been made.						
4.1.10	N/A	<p>Based on comments from Origin Energy, the BMRG proposes to apply further changes to MSATS based on the removal of the reference to the exemption for NSW for Customer Threshold Codes (4.10.2).</p> <table border="1"> <tr> <td>Customer Threshold Code (except for NEMs in NSW)</td> </tr> </table> <p>The above change will be applied to the following transactions: CR 2000/2001/2003 in Clause 12.4(f) CR 2020/2021 in Clause 13.4(e) CR 2500/2501 in Clause 14.4(g) CR 2520/2521 in Clause 15.4(f) CR 5001/5021 in Clause 26.4(e) CR 5050/5051/5053 in Clause 27.4(d) CR 5060/5061 in Clause 29.4(d) CR 5100/5101 in Clause 42.4(d)</p>	Customer Threshold Code (except for NEMs in NSW)	<p>BMRG Comments The BMRG unanimously agreed that no further changes would be made.</p>		AEMO notes that no feedback was received with the Draft Determination and no further changes have been made.					
Customer Threshold Code (except for NEMs in NSW)											
4.1.11	N/A	<table border="1"> <tr> <td>3.8 Final Determination 13th November 2013</td> <td>This version of the CATS Procedures is released to align MPB obligations with MDP obligations during the meter set up or maintenance process, by requiring the MPB to source the suffix from the appropriate MDP.</td> </tr> <tr> <td>3.9 Final Determination 1st January 2014</td> <td>No version 3.9 was released. The Tasmanian Government withdrew its request for the change to the CATS Procedures.</td> </tr> <tr> <td>4.0 Final Determination 15th May 2014</td> <td>This version of the CATS Procedures is released to include amendments arising from the introduction of NECF in NSW.</td> </tr> </table>	3.8 Final Determination 13 th November 2013	This version of the CATS Procedures is released to align MPB obligations with MDP obligations during the meter set up or maintenance process, by requiring the MPB to source the suffix from the appropriate MDP.	3.9 Final Determination 1 st January 2014	No version 3.9 was released. The Tasmanian Government withdrew its request for the change to the CATS Procedures.	4.0 Final Determination 15 th May 2014	This version of the CATS Procedures is released to include amendments arising from the introduction of NECF in NSW.	<p>BMRG Comments The BMRG unanimously agreed that no further changes would be made.</p>		AEMO notes that no feedback was received with the Draft Determination and no further changes have been made.
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3.9 Final Determination 1 st January 2014	No version 3.9 was released. The Tasmanian Government withdrew its request for the change to the CATS Procedures.										
4.0 Final Determination 15 th May 2014	This version of the CATS Procedures is released to include amendments arising from the introduction of NECF in NSW.										
4.1.12	N/A		<p>AGL The proposed change is in addition to Origin's</p>	M	AEMO notes AGL's response and agrees to the proposed change.						

Item	ID	Description	Participant Responses to Draft Consultation	Rating	Final Determination
			<p>suggested changes to remove reference to 'except for NMI's in NSW' as CTC is now required as a result of the introduction of NECF in NSW.</p> <p><u>Revised Text</u></p> <p>2. Obligations by Role</p> <p>2.4 Local Network Service Provider</p> <p>(i) Where it advises</p> <p>Except for NMIs in NSW1-u Update the Customer Threshold Code within five business days of becoming aware that the existing Customer Threshold Code is incorrect for NMIs with a Customer Classification Code of 'BUSINESS' and a NMI status of 'A' or 'D'.</p> <p><u>BMRG Comments</u></p> <p>The BMRG unanimously agreed to AGL's proposed change.</p>		<p>Except for NMIs in NSW1-u Update the Customer Threshold Code within five business days of becoming aware that the existing Customer Threshold Code is incorrect for NMIs with a Customer Classification Code of 'BUSINESS' and a NMI status of 'A' or 'D'.</p>

4.2 Proposed Changes to the WIGS Procedure

Item	QC ID	Description	Participant Responses to Initial Consultation	Rating	Draft Determination																
1		PROPOSED/ REQUESTED CHANGES																			
4.2.1	003	<ul style="list-style-type: none"> Remove reference in Notes section relating to reconciling for pool settlements: <p>1.11 NMI Classification Codes</p> <p>(a) The NMI classification code enables the MSATS system to be informed of the nature of the flow of electricity at the connection point to which the NMI information applies.</p> <p>(b) The NMI classification codes WHOLESAL, INTERCON, GENERATR, EPROFILE and SAMPLE are used by these procedures. They are parameters that can be used when defining change reason codes, application time frames and objection rules.</p> <p>(c) The NMI classification codes are based on the total annual load of the NMI as per Table 1-B.</p> <p>(d) The NMI classification codes 'WHOLESAL', 'INTERCON', 'GENERATR' and 'SAMPLE' relate to a NMI and not to a site.</p> <p>The valid NMI classification codes are specified in Table 1-B.</p> <p>Table 1-B– NMI classification codes</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Description⁽¹⁾⁽²⁾</th> </tr> </thead> <tbody> <tr> <td>EPROFILE⁽³⁾⁽¹⁾</td> <td>External Profile Shape</td> </tr> <tr> <td>GENERATR^{(1) (3)}</td> <td>Generator</td> </tr> <tr> <td>INTERCON^{(2)(1) (3)}</td> <td>Interconnector</td> </tr> <tr> <td>LARGE</td> <td>Victoria: >=160 MWh NSW: >=160 MWh ACT: >= 160 MWh QLD: >=100 MWh SA: >=160 MWh TAS: >=150 MWh</td> </tr> <tr> <td>SAMPLE⁽³⁾⁽¹⁾</td> <td>Sample Meter</td> </tr> <tr> <td>SMALL</td> <td>Victoria: <160 MWh NSW: <160 MWh ACT: < 160 MWh QLD: < 100MWh SA: <160 MWh TAS: <150 MWh</td> </tr> <tr> <td>WHOLESAL^{(1) (3)}</td> <td>Wholesale Transmission Node Identifier</td> </tr> </tbody> </table> <p>Note (1): these codes will be used in the AEMO</p>	Code	Description ⁽¹⁾⁽²⁾	EPROFILE ⁽³⁾⁽¹⁾	External Profile Shape	GENERATR ^{(1) (3)}	Generator	INTERCON ^{(2)(1) (3)}	Interconnector	LARGE	Victoria: >=160 MWh NSW: >=160 MWh ACT: >= 160 MWh QLD: >=100 MWh SA: >=160 MWh TAS: >=150 MWh	SAMPLE ⁽³⁾⁽¹⁾	Sample Meter	SMALL	Victoria: <160 MWh NSW: <160 MWh ACT: < 160 MWh QLD: < 100MWh SA: <160 MWh TAS: <150 MWh	WHOLESAL ^{(1) (3)}	Wholesale Transmission Node Identifier	<p>BMRG Comments</p> <p>The BMRG unanimously agreed that no further changes would be made.</p>		<p>AEMO notes that no feedback was received with the Draft Determination and no further changes have been made.</p>
Code	Description ⁽¹⁾⁽²⁾																				
EPROFILE ⁽³⁾⁽¹⁾	External Profile Shape																				
GENERATR ^{(1) (3)}	Generator																				
INTERCON ^{(2)(1) (3)}	Interconnector																				
LARGE	Victoria: >=160 MWh NSW: >=160 MWh ACT: >= 160 MWh QLD: >=100 MWh SA: >=160 MWh TAS: >=150 MWh																				
SAMPLE ⁽³⁾⁽¹⁾	Sample Meter																				
SMALL	Victoria: <160 MWh NSW: <160 MWh ACT: < 160 MWh QLD: < 100MWh SA: <160 MWh TAS: <150 MWh																				
WHOLESAL ^{(1) (3)}	Wholesale Transmission Node Identifier																				

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		<p style="color: red;">settlements process for the purpose of reconciling pool settlements.</p> <p style="color: red;">Note (2): this code will allow the removal of a hard coded rule in the AEMO settlements system.</p> <p>Note (3) (1): these codes are used in the WIGS Procedures.</p> <p>Note (4) (2): see relevant jurisdictional regulation for full details.</p>			
4.2.2 a	005	<ul style="list-style-type: none"> • <i>Updates to reflect correct reference:</i> <p>1.2.2 Application</p> <p>a) The WIGS Procedures apply to Registered Participants in accordance with the Rules. They form part of the MSATS Procedures mentioned in Rules clause 7.2.8.</p> <p>b) The procedures apply to Service Providers through the AEMO accreditation process that has been established in accordance with the Rules.</p> <p>c) The WIGS Procedure document applies to NMI Class of Wholesale, Interconnector, Generator, External Profile Shape & Sample Meter. Refer to Chapters 1 to 5 and 42 44 of the CATS procedure document for general chapters that relate to both CATS (Small & Large) and WIGS NMIs.</p>	<p><u>BMRG Comments</u></p> <p>The BMRG unanimously agreed that no further changes would be made.</p>		AEMO notes that no feedback was received with the Draft Determination and no further changes have been made.
4.2.2 b	005	<ul style="list-style-type: none"> • <i>Updates to reflect correct reference:</i> <p>How to Use This Document</p> <p>The MSATS Procedures: Procedures for the Management of Wholesale, Interconnector, Generator and Sample (WIGS) NMIs (as amended time to time) is a subset of the MSATS Procedures: CATS Procedures Principles and Obligations (as amended time to time).</p> <p>This document is commonly known as the WIGS Procedures. The WIGS Procedures contain the principles that govern consumer transfer, the registration of metering installation and management of standing data for NMIs that are classified as wholesale, interconnector, generator or sample.</p> <p>The WIGS Procedures must be read in conjunction with the <i>MSATS Procedures: CATS Procedures Part 1 Principles and Obligations</i>. Details on general obligations by role, CATS functionality and transaction type, CATS codes and rules for a change request and Access to CATS Standing data are explained in Chapters 1 – 5 & 42 44 of the <i>MSATS Procedures: CATS Procedures Principles and Obligations</i>. However specific obligations by roles are detailed in chapters within this document.</p> <p>If you receive a notification from another participant for a NMI with a NMI classification code that is covered by these WIGS Procedures and are not sure what obligations you have, confirm, from the notification, the change reason code. Then check the 'Quick Reference Guide' at the beginning of this document to confirm what chapter covers this change reason code.</p> <p>The revision of these procedures is detailed in Chapter 26.</p>	<p><u>BMRG Comments</u></p> <p>The BMRG unanimously agreed that no further changes would be made.</p>		AEMO notes that no feedback was received with the Draft Determination and no further changes have been made.

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4.2.3	008	<ul style="list-style-type: none"> Update 15.3 Initiation Rules and 15.4 LNSP Obligations to reflect application, where the LNSP is allowed to initiate the CR 5001: <p>15. Maintain NMI – backdate a NMI</p> <p>15.1 Application [5001] This procedure applies to the following change reason code:</p> <ul style="list-style-type: none"> 5001 – Backdate NMI Start Date <p>This is the situation where AEMO, on request from an LNSP, or the LNSP establishes the initial set of information in the MSATS system in regard to a connection point. The date at which the information will apply would be a retrospective date.</p> <p>15.2 Conditions Precedent</p> <ol style="list-style-type: none"> The NMI exists in the MSATS system. The NMI classification is wholesale, interconnector, generator or sample. Chapter 0 relates only to change reason code 5001. <p>15.3 Initiation Rules</p> <ol style="list-style-type: none"> AEMO or the LNSP may initiate a change request to backdate a NMI record in the MSATS system in accordance with clause 15.5. AEMO or the LNSP must use change reason code 5001 to establish an initial change request. <p>15.4 LNSP Obligations</p> <p>The new LNSP (which must be the same party as the current LNSP for the period where the NMI exists in MSATS) must:</p> <ol style="list-style-type: none"> Provide AEMO with Obtain the NMI checksum, which it has obtained from an approved source. Confirm that the NMI is still a valid NMI for the connection point prior to the initiation of a change request. Provide AEMO Populate an initial change request with values for the following standing data items: <table border="1" data-bbox="388 1346 1219 1795"> <thead> <tr> <th>Participant transaction ID</th> <th>NMI and NMI checksum</th> <th>CATS participant ID</th> </tr> </thead> <tbody> <tr> <td>Proposed change date</td> <td>Actual end date (which should be the day prior to the day that the existing NMI master record starts on)</td> <td>TNI code</td> </tr> <tr> <td>DLF code</td> <td>NMI classification code</td> <td>Jurisdiction code</td> </tr> <tr> <td>FRMP</td> <td>LR</td> <td>ROLR</td> </tr> <tr> <td>RP</td> <td>MDP</td> <td>MPB</td> </tr> <tr> <td>MPC</td> <td>LNSP which must be themselves</td> <td>NMI status code</td> </tr> <tr> <td>Locality</td> <td>State</td> <td>Postcode</td> </tr> </tbody> </table> Provide AEMO Populate the initial change request with values for the following address fields (as applicable): <p style="text-align: center;">EITHER</p> <table border="1" data-bbox="335 1919 1213 1959"> <thead> <tr> <th>DPID</th> <th>Flat number</th> <th>Flat type</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table> 	Participant transaction ID	NMI and NMI checksum	CATS participant ID	Proposed change date	Actual end date (which should be the day prior to the day that the existing NMI master record starts on)	TNI code	DLF code	NMI classification code	Jurisdiction code	FRMP	LR	ROLR	RP	MDP	MPB	MPC	LNSP which must be themselves	NMI status code	Locality	State	Postcode	DPID	Flat number	Flat type				<p>BMRG Comments</p> <p>The BMRG unanimously agreed that no further changes would be made.</p>		AEMO notes that no feedback was received with the Draft Determination and no further changes have been made.
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4.2.4	N/A	<p>Effective Date of the WIGS Procedures</p> <p>The proposed effective date of the WIGS Procedures is 15 May 2014.</p> <p>Procedure Cover Page: Effective Date: 15 May 2014</p> <p>The document version history will also be updated to reflect these changes.</p>	<p>BMRG Comments The BMRG unanimously agreed that no further changes would be made.</p>		AEMO notes that no feedback was received with the Draft Determination and no further changes have been made.															
4.2.5	N/A	<p>Version history updates</p> <table border="1"> <tr> <td>3.8 Final Determination 13th November 2013</td> <td>This version of the WIGS Procedures is released to align MPB obligations with MDP obligations during the meter set up or maintenance process, by requiring the MPB to source the suffix from the appropriate MDP.</td> </tr> <tr> <td>3.9 Final Determination 1st January 2014</td> <td>No version 3.9 was released. The Tasmanian Government withdrew its request for the change to the WIGS Procedures.</td> </tr> <tr> <td>4.0 Final Determination 15th May 2014</td> <td>This version of the WIGS Procedures is released to include amendments arising from the introduction of NECF in NSW.</td> </tr> </table>	3.8 Final Determination 13 th November 2013	This version of the WIGS Procedures is released to align MPB obligations with MDP obligations during the meter set up or maintenance process, by requiring the MPB to source the suffix from the appropriate MDP.	3.9 Final Determination 1 st January 2014	No version 3.9 was released. The Tasmanian Government withdrew its request for the change to the WIGS Procedures.	4.0 Final Determination 15 th May 2014	This version of the WIGS Procedures is released to include amendments arising from the introduction of NECF in NSW.	<p>BMRG Comments The BMRG unanimously agreed that no further changes would be made.</p>		AEMO notes that no feedback was received with the Draft Determination and no further changes have been made.									
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