



# DRAFT DETERMINATION CONSULTATION

## MSATS PROCEDURES:

Consumer Administration and Transfer Solution  
(CATS) Procedure Principles and Obligations Version  
4.6

Procedure for the Management of Wholesale,  
Interconnector, Generator and Sample (WIGS) NMIs  
Version 4.6

Published: 28 September 2018



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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 to support ongoing business improvements and has revised these procedures a number of times.

The recommended process improvements under consultation will become MSATS Procedures:

- Consumer Administration and Transfer Solution (CATS) Procedure Principles and Obligations Version 4.6,
- Procedure for the Management of Wholesale, Interconnector, Generator and Sample (WIGS) NMI's Version 4.6.

### 1.1 Scope of Changes

The proposed changes under consultation have been developed as a result of a request from industry and AEMO relating to:

- i. ICF\_002 - Post PoC Updates to MSATS Procedures – Objections raised by Tango Energy

The post PoC updates to MSATS CATS Procedures include changes to the following areas of the CATS Procedure:

- a. Section 9. Change Retailer Embedded Networks

The current version of the MSATS Procedures, for change retailer embedded networks (1080, 1082, 1083 and 1084), allows the Current MC to object for BADPARTY where the NMI class is Large and the jurisdiction is NSW. This is an error and should be corrected at the earliest available opportunity as the Current MC should not be able to object for these change requests.

- b. Section 18.7 Maintain Metering – Advanced Metering Installation Details - Objection Rules.

The current version of the MSATS Procedures, for Maintain Metering – Advanced Metering Installation Details disallows the use of the objection of BADDATA for Small NMIs in QLD.

This is an error and the objection of BADDATA should be available to ALL NMI Classes and ALL jurisdictions for this change request.

AEMO has decided to expand the use of the above objection code to the following Section 19.7 Maintain Metering – Advanced Exchange Metering Details - Objection Rules, following initial consultation feedback.

- c. 31. CR6200/6210 Change Role – Change MDP

Where the change request is raised by the FRMP (e.g. on behalf of the Large customer) but the MC does not have a relationship with the nominated MDP, then the Current MC should be able to object BADPARTY.

Definition of BADPARTY also needs to be updated to reference both change of retailer and change of roles (6xxx) change requests.

Refer to 6800/6801 - Change Multiple Roles, where BADPARTY is available to the MC. There should be consistency between the objections for both the change of roles transactions.

The objection of DATEBAD should be available to the MDP for both the prospective and retrospective change as an incorrect Proposed Change Date could be provided on both the changes.

This is due to the new requirement for the MDP to provide a 1500 for the actual change date for this transaction. Other change of role transactions, requiring a 1500, such as the 6800/6801 allows the MDP to object for DATEBAD.

The definition of DATEBAD has been updated following initial consultation feedback to reflect where a MDP may notify an initiating party which may not be a FRMP.

d. 36. CR6700/6701 - CHANGE MPB OR MPC OR BOTH

The objection of DATEBAD should be available to the MDP. The objection should also apply to both the prospective and retrospective changes for both CRs as an incorrect Proposed Change Date could be provided on both the changes.

It should be noted DATEBAD applies for retro Retailer Transfers where a 1500 is required by the MDP.

ii. Change ID\_003 Enabling a NMI to be transferred on a greenfield site

Version 3.0 of the IEC's B2B Service Order Procedures allows a prospective Retailer to raise an Allocate NMI and an Establish Supply. This could potentially mean an Allocate NMI could be raised by one Retailer and an Establish Supply raised by another.

For example, an Allocate NMI is raised by retailer A, the LNSP creates the NMI in their systems and MSATS with all of the roles allocated by retailer A. Retailer B then raises an Establish Supply and Metering Service Works (as they have obtained the NMI i.e. via NMI Discovery and has explicit informed consent from the end user). There is now a discrepancy within the standing data in MSATS as retailer B is now the retailer the customer has chosen and not retailer A. The other roles could also potentially be incorrect as they are not the service providers and or MC retailer B has appointed to perform the work.

The updates to MSATS CATS Procedures include changes to the following areas of the CATS Procedure:

- a. Retail correction CR.- update a CR in Section 8 CHANGE RETAILER – ERROR CORRECTIONS SMALL NMIS to allow a NMI to be transferred on a greenfield site.
- b. Conditions – NMI status must be G. No meters have been installed.
- c. Update clause 8.9 Change Request Status Notification Rules, table 8-C to include new and current MPB participants in all notification status changes.

iii. Change ID\_004 Use of DATEBAD Objection Code for CR1024 - MDP Objections



Prior to PoC, the new FRMP was required to nominate the new MDP when raising a CR 1024 notification.

Under the new CATS rules the FRMP is not required to nominate the new MDP (now an optional field), therefore where the MDP is not changing, the current MDP does not have the ability to object to a CR 1024 with the objection code of DATEBAD. If the FRMP has raised a CR 1024 with an invalid proposed transfer date (where a meter reading does not exist in order to complete the transfer) the MDP is unable to object as there is not a valid objection code for them to use.

In response to initial consultation review responses, the MSATS CATS Procedures have been changed to allow the use of DATEBAD objection code by the current MDP for all CR 102x with the exception of CR 1023 which does not include metering.

iv. ICF\_005 - MC (NMI) Standing Data Search raised by Acumen Metering

Metering Coordinators (MC), are being engaged by retailers to manage market transactions nominating themselves as the MC for Large customer sites. There are a number of 'Large' customers that have tails to 'Small' sites that are part of a collective agreement with an MC/MP of their choice, however the MC is not able to raise a CR 6300 under the rules. MSATS allows for a Change Request transaction to take place but the rules state that this cannot be performed by the MC, it can only be performed by the FRMP.

The prospective MC has no current visibility of the NMI Classification or other market participants (namely the current MPB/MPC/MDP) for the site or any other MSATS Standing Data until a C7 report is made available, (C7 does not return NMI Classification) which is after the raising of the market CR.

The updates to MSATS CATS Procedures will enable a prospective MC appointed by the customer/retailer to conduct NMI discovery or NMI standing data search for customer churn purposes.

v. ICF\_006 – Network Tariff Allocation by MPBs raised by Acumen Metering

The Network Tariff Code (NTC), represents the network tariff being charged by the Distribution Network Service Provider (DNSP) for connection services at a site. The DNSP assigns a networks tariff to each connection point in MSATS recognised as the NTC.

Metering Providers (MPs) are being engaged by the Financially Responsible Market Participant (FRMP) or Metering Coordinator (MC) to install, churn or update meter details and are able to update the NTC in MSATS via market transactions. The NTC is a mandatory field and therefore must be populated by the MP. The use of MSATS transactions to support the allocation of Network Tariffs by an MP has caused disputes between LNSPs and MPs.

The update to MSATS CATS Procedures will further clarify the responsibilities in the CATS Procedures to follow up and/or correct the NTC in the MSATS system for a site in MSATS.

This document lists the proposed changes to the CATS Procedure, WIGS Procedure and associated MSATS configuration rules (if any). The change proposed has been developed, discussed with the Electricity Retail Consultative Forum (ERCF). The proposed changes under consultation have a **proposed effective date of 20 May 2019**.

## 2. Purpose of this document

This document proposes changes to the MSATS Procedures. The current procedures as of 1 December 2017 are documented in the **MSATS Procedures: CATS Procedure Version 4.5** and **WIGS Procedure Version 4.5** and are available on AEMO's website at [www.aemo.com.au](http://www.aemo.com.au).

Participants and interested parties are invited to review the item/s under consultation in section 4 of this document and provide any comments in accordance with the National Electricity Rules consultation process, reflected in the Notice of Consultation issued by AEMO.

### 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	26/07/2018	26/07/2018	Complete
Participant submissions are to be provided to AEMO	27/07/2018	31/08/2018	Complete
AEMO considers all valid submissions and shall create the Draft Determination report (including the change marked MSATS Procedure version 4.6).	03/09/2018	27/09/2018	Complete
AEMO Publish Draft Determination and Report	28/09/2018	28/09/2018	
Participant submissions are to be provided to AEMO	01/10/2018	12/10/2018	within 10 business days after the Draft Determination is published
AEMO considers all valid submissions and shall create the Final Determination report (including the change marked and clean versions of the MSATS Procedure version 4.6).	15/10/2018	22/11/2018	within 30 business days of the submission close date
AEMO Publish Final Determination	23/11/2018	23/11/2018	
Proposed Effective Date of the MSATS Procedures 4.6.	20/05/2019	20/05/2019	

## 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 4.5
- Section 4.2 covers the proposed changes to the WIGS Procedure Version 4.5

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

### 4.1 Proposed Changes to the CATS Procedure

Item	ICF or Change ID	Description	Participant Comments	AEMO Response
1		<b>PROPOSED / REQUESTED CHANGES</b>		
1.1	ICF_002	<p>The following proposed solution refers to the listed scope item ICF_002 - Post PoC Updates to MSATS Procedures – Objections raised by Tango Energy identified above:</p> <p>Section 9. Change Retailer Embedded Networks</p> <p><b>9.8. Objection Rules</b></p> <p>The ‘Yes’ Roles specified in <del>Table 9-B</del> may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 9-A.</p> <p><b>Table 9-<del>AB</del> – Objection Rules”</b></p> <p><b>CR 1080 – Change Retailer – Child NMI</b></p>	<p><b>Momentum</b></p> <p>Momentum supports the proposed change to remove the Current RP’s ability to lodge an objection to a Change Request with change reason codes 1080, 1082, 1083 and 1084 in the NSW jurisdiction where the NMI Classification is Large.</p> <p><b>Section 9.2 Conditions Precedent</b></p> <p>(a) The NMI exists in MSATS. There is footnote 9 and</p>	<p>Noted</p> <p>AEMO agrees with the recommendation to update the footnote related to Section 9.2 (a)</p>



Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		RoLR		RP		LNSP	
			N	C	N	C	N	C	N	C	N	C	N	C	N	C
BADMETER	ALL	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
NOTAPRD	ALL	ALL	-	-	-	Yes	-	-	-	-	-	-	-	-	-	-
BADPARTY	ALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
	LARGE	NSW												Yes		
DECLINED	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-
	LARGE	NSW												Yes		
NOACC	SMALL	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
DEBT	SMALL	VIC	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
CONTRACT	LARGE	ALL	-	-	-	-	-	-	-	-	-	-	-	Yes	-	-
<b>CR 1081 – Change Retailer – Child NMI – Retrospective Align Meter Rd</b>																
Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		RoLR		RP		LNSP	
			N	C	N	C	N	C	N	C	N	C	N	C	N	C
BADMETER	SMALL	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
BADPARTY	SMALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
DECLINED	SMALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-
NOTAPRD	SMALL	ALL	-	-	-	Yes	-	-	-	-	-	-	-	-	-	-
DATEBAD	SMALL	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
DEBT	SMALL	VIC	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
RETRO	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
CONTRACT	LARGE	ALL	-	-	-	-	-	-	-	-	-	-	-	Yes	-	-
<b>CR 1082 – Change Retailer Child – Retrospective: Long Term/Error</b>																
Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		RoLR		RP		LNSP	
			N	C	N	C	N	C	N	C	N	C	N	C	N	C
DATEBAD	ALL	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
BADMETER	ALL	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
BADPARTY	ALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
	LARGE	NSW												Yes		
DECLINED	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-

Momentum suggests for the narrative to be modified to the following :If NMI does not exist in MSATS, the retailer should refer to Section 11 and seek ENM action to establish the NMI

and has amended the details as following:  
If it doesn't, the *retailer* should refer to section 12 and seek ENM action to establish the *NMI*.

Section 11 Refers to creation of NMI by the LNSP, where section 12 refers to creation of NMI by the ENM.

Noted

**IntelliHub**

No Comment

Noted

**Ausnet**

AusNet Services supports this change on the basis it reflects the intent of the Power of Choice rule change and it requires no significant work to implement.

**Tango**

Agree

Noted

**Origin Energy**

Origin Energy support this proposal. No system related

Noted



		** N = New Role, C = Current Role.																																																																																																																			
1.2	ICF_002	<p>The following proposed solution refers to the listed scope item ICF_002 - Post PoC Updates to MSATS Procedures – Objections raised by Tango Energy identified above: Section 18.7 Maintain Metering – Advanced Metering Installation Details - Objection Rules</p> <p><b>18.7 Objection Rules</b></p> <p>The ‘Yes’ Roles specified in Table 18-B may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 18-A.</p> <p><b>Table 18-B– Objection Rules**</b></p> <p><b>CR 3080 – Advanced Change Metering Installation Details</b></p> <table border="1" data-bbox="302 726 1473 821"> <thead> <tr> <th rowspan="2">Objection Code</th> <th rowspan="2">NMI Class</th> <th rowspan="2">Jur’n</th> <th colspan="2">FRMP</th> <th colspan="2">LR</th> <th colspan="2">MDP</th> <th colspan="2">MPB</th> <th colspan="2">ROLR</th> <th colspan="2">RP</th> <th colspan="2">LNSP</th> </tr> <tr> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>DECLINED</td> <td>ALL</td> <td>ALL</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes</td> <td>-</td> <td>Yes</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table> <p><b>CR 3081 – Advanced Change Metering Installation Details – Retrospective</b></p> <table border="1" data-bbox="302 885 1473 1093"> <thead> <tr> <th rowspan="2">Objection Code</th> <th rowspan="2">NMI Class</th> <th rowspan="2">Jur’n</th> <th colspan="2">FRMP</th> <th colspan="2">LR</th> <th colspan="2">MDP</th> <th colspan="2">MPB</th> <th colspan="2">ROLR</th> <th colspan="2">RP</th> <th colspan="2">LNSP</th> </tr> <tr> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>DECLINED</td> <td>ALL</td> <td>ALL</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes</td> <td>-</td> <td>Yes</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>BADDATA</td> <td>ALL</td> <td><a href="#">NSW</a> <a href="#">VIC</a> <a href="#">SAALL</a></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes</td> <td>Yes</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table> <p>** N = New Role, C = Current Role</p> <p><b>19.7 Objection Rules</b></p> <p>The ‘Yes’ Roles specified in Table 19-B may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 19-A.</p> <p><b>Table 19-<del>CB</del> – Objection Rules **</b></p> <p><b>CR 3090 – Advanced Exchange of Metering</b></p>	Objection Code	NMI Class	Jur’n	FRMP		LR		MDP		MPB		ROLR		RP		LNSP		N	C	N	C	N	C	N	C	N	C	N	C	N	C	DECLINED	ALL	ALL	-	-	-	-	Yes	-	Yes	-	-	-	-	-	-	-	Objection Code	NMI Class	Jur’n	FRMP		LR		MDP		MPB		ROLR		RP		LNSP		N	C	N	C	N	C	N	C	N	C	N	C	N	C	DECLINED	ALL	ALL	-	-	-	-	Yes	-	Yes	-	-	-	-	-	-	-	BADDATA	ALL	<a href="#">NSW</a> <a href="#">VIC</a> <a href="#">SAALL</a>	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-	<p><b>Momentum</b></p> <p>Momentum agrees to the proposed update for Section 18.7.</p> <p>However Momentum recommends for this proposed change to be extended to Section 19.7 – Objection Rules</p> <p>CR 3091, Objection Code: BADDATA, NMI Class: ALL Jur’n: ALL</p> <p><b>Ausnet</b></p> <p>AusNet Services supports this change on the basis it reflects the intent of the Power of Choice rule change and it requires no significant work to implement.</p> <p><b>Tango</b></p> <p>Agree</p> <p><b>Origin Energy</b></p> <p>Origin Energy agree with this proposal.</p> <p>No impact on systems.</p>	<p>Noted</p> <p>AEMO agree with the recommended update to Section 19.7 to update CR3091 objection rules to reflect CR 3081.</p> <p>Changes to section 19.7 have been added for review.</p> <p>Noted</p> <p>Noted</p> <p>Noted</p>
Objection Code	NMI Class	Jur’n				FRMP		LR		MDP		MPB		ROLR		RP		LNSP																																																																																																			
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DECLINED	ALL	ALL	-	-	-	-	Yes	-	Yes	-	-	-	-	-	-	-																																																																																																					
BADDATA	ALL	NSW VIC SA ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-																																																																																																					
1.3	ICF_002	<p>The following proposed solution refers to the listed scope item ICF_002 - Post PoC Updates to MSATS Procedures – Objections raised by Tango Energy identified above: Section 31. CR6200/6210 Change Role – Change MDP</p> <p><b>31.7 Objection Rules</b></p> <p>The 'Yes' Roles specified in Table 31-B may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 31-A.</p> <p><b>Table 31-DB – Objection Rules</b></p> <p><b>CR 6200 – Change MDP</b></p> <table border="1"> <tr> <th rowspan="2">Objection Code</th> <th rowspan="2">NMI Class</th> <th rowspan="2">Jur'n</th> <th colspan="2">FRMP</th> <th colspan="2">LR</th> <th colspan="2">MDP</th> <th colspan="2">MPB</th> <th colspan="2">RoLR</th> <th colspan="2">RP</th> <th colspan="2">LNSP</th> </tr> <tr> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> </tr> <tr> <td>DECLINED</td> <td>ALL</td> <td>ALL</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>NOTRESP</td> <td>ALL</td> <td>ALL</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td><a href="#">BADPARTY</a></td> <td><a href="#">LARGE</a></td> <td><a href="#">ALL</a></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes</td> <td>-</td> <td>-</td> </tr> <tr> <td><a href="#">DATEBAD</a></td> <td><a href="#">ALL</a></td> <td><a href="#">ALL</a></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes</td> <td>Yes</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table> <p><b>CR 6210 – Change MDP – Retrospective</b></p>	Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		RoLR		RP		LNSP		N	C	N	C	N	C	N	C	N	C	N	C	N	C	DECLINED	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	-	-	-	-	NOTRESP	ALL	ALL	-	-	-	-	-	Yes	-	-	-	-	-	-	-	-	<a href="#">BADPARTY</a>	<a href="#">LARGE</a>	<a href="#">ALL</a>	-	-	-	-	-	-	-	-	-	-	-	Yes	-	-	<a href="#">DATEBAD</a>	<a href="#">ALL</a>	<a href="#">ALL</a>	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-	<p><b>Momentum</b> Momentum supports the proposed change where objection codes BADPARTY and DATEBAD are available for use as prescribed in all jurisdictions by the RP and/ or the Current or New MDP for CR 6200/6210</p> <p><b>Intellihub</b> No Comment</p> <p><b>Ausnet</b> AusNet Services supports the intent of this change. However, we do not agree</p>	<p>Noted</p> <p>Noted</p> <p>Noted</p>														
Objection Code	NMI Class	Jur'n				FRMP		LR		MDP		MPB		RoLR		RP		LNSP																																																																																																			
			N	C	N	C	N	C	N	C	N	C	N	C	N	C																																																																																																					
DECLINED	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	-	-	-	-																																																																																																					
NOTRESP	ALL	ALL	-	-	-	-	-	Yes	-	-	-	-	-	-	-	-																																																																																																					
<a href="#">BADPARTY</a>	<a href="#">LARGE</a>	<a href="#">ALL</a>	-	-	-	-	-	-	-	-	-	-	-	Yes	-	-																																																																																																					
<a href="#">DATEBAD</a>	<a href="#">ALL</a>	<a href="#">ALL</a>	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-																																																																																																					

Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		RoLR		RP		LNSP	
			N	C	N	C	N	C	N	C	N	C	N	C	N	C
DECLINED	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	-	-	-	-
NOTRESP	ALL	ALL	-	-	-	-	-	Yes	-	-	-	-	-	-	-	-
BADDATA	SMALL	NSW VIC SA	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
BADDATA	LARGE	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
<a href="#">BADPARTY</a>	<a href="#">LARGE</a>	<a href="#">ALL</a>	-	-	-	-	-	-	-	-	-	-	-	-	<a href="#">Yes</a>	-
<a href="#">DATEBAD</a>	<a href="#">ALL</a>	<a href="#">ALL</a>	-	-	-	-	<a href="#">Yes</a>	<a href="#">Yes</a>	-	-	-	-	-	-	-	-

\*\* N = New Role, C = Current Role.

with implementing this change in 20 May 2019. This is too soon after the B2B Procedure "life support" changes to implement. We recommend deferring this system change to the implementation date of the DER register or to align with MSATS Standing Data review changes later in 2019.

**Tango**  
Agree Noted

**Origin Energy**  
Origin Energy agree with this proposal.  
No impact on systems. Noted

**AGL**  
AGL supports the change. Noted

**Ausgrid**  
No Comment Noted

**PlusES**  
Agree with the proposed update. Noted

			<p><b>Energy Queensland</b></p> <p>Energy Queensland notes that MDP can now object using BADPARTY and DATEBAD to 62xx and that this will require internal system changes.</p>	Noted						
1.4	ICF_002	<p>The following proposed solution refers to the listed scope item ICF_002 - Post PoC Updates to MSATS Procedures – Objections raised by Tango Energy identified above:</p> <p><b>Section 4. CATS CODES AND RULES FOR A CHANGE REQUEST</b></p> <p><b>4.7 Objection Codes</b></p> <p>(a) The Objection Codes defined in Table 4-D are the only basis on which Participants can Object to a Change Request.</p> <p>(b) The Objection Codes are applied to each Jurisdiction and each Change Reason Code in accordance with the Objection Rules</p> <p><b>Table 4-D Objection Codes</b></p> <table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>BADPARTY</td> <td>Used by the MC when the MDP, MPB, or MPC nominated on a change of retailer request or change of role is incorrect as they are not the party appointed by the MC, or do not have the capability or capacity to operate in the Role proposed.</td> </tr> <tr> <td>DATEBAD</td> <td>Used by the MDP for <i>meter installation</i> types 4A, 5 and 6 to inform the <del>FRMP</del> <u>that initiating party the proposed date in the change of retailer or change of role request</u> does not align with the date the Metering Reading is scheduled to be taken.  Used by the Current FRMP, or MDP for retrospective change of <u>retailer or change of role</u> requests where one or both of the Proposed Change Date, or Actual End Date is incorrect.</td> </tr> </tbody> </table>	Code	Description	BADPARTY	Used by the MC when the MDP, MPB, or MPC nominated on a change of retailer request or change of role is incorrect as they are not the party appointed by the MC, or do not have the capability or capacity to operate in the Role proposed.	DATEBAD	Used by the MDP for <i>meter installation</i> types 4A, 5 and 6 to inform the <del>FRMP</del> <u>that initiating party the proposed date in the change of retailer or change of role request</u> does not align with the date the Metering Reading is scheduled to be taken.  Used by the Current FRMP, or MDP for retrospective change of <u>retailer or change of role</u> requests where one or both of the Proposed Change Date, or Actual End Date is incorrect.	<p><b>Momentum</b></p> <p>Momentum supports the proposed amendment to the description of the objection BADPARTY</p> <p><b>Intellihub</b></p> <p>No Comment</p> <p><b>Ausnet</b></p> <p>AusNet Services supports this change on the basis it reflects the intent of the Power of Choice rule change and it requires no significant work to implement.</p> <p><b>Tango</b></p> <p>Agree</p> <p>Also suggest the definition of DATEBAD be updated to support the addition of this objection code with the</p>	<p>Noted</p> <p>Noted</p> <p>Noted</p> <p>AEMO agrees with the recommended update to the DATEBAD description and has updated the procedure.</p>
Code	Description									
BADPARTY	Used by the MC when the MDP, MPB, or MPC nominated on a change of retailer request or change of role is incorrect as they are not the party appointed by the MC, or do not have the capability or capacity to operate in the Role proposed.									
DATEBAD	Used by the MDP for <i>meter installation</i> types 4A, 5 and 6 to inform the <del>FRMP</del> <u>that initiating party the proposed date in the change of retailer or change of role request</u> does not align with the date the Metering Reading is scheduled to be taken.  Used by the Current FRMP, or MDP for retrospective change of <u>retailer or change of role</u> requests where one or both of the Proposed Change Date, or Actual End Date is incorrect.									



			<p>change of role change requests.</p> <p>Used by the MDP for meter installation types 4A, 5 and 6 to inform the initiating party the proposed date in the change of retailer or change of role request does not align with the date the Metering Reading is scheduled to be taken.</p> <p>Used by the Current FRMP or MDP for retrospective change of retailer requests where one or both of the Proposed Change Date, or Actual End Date is incorrect.</p> <p><b>Origin Energy</b></p> <p>Agree with what is being proposed however recommend slight changing to the wording to make it clearer:</p> <p>Used by the MC when the MDP, MPB, or MPC nominated on a change of retailer request or change of role is incorrect as they are not the party <b>contracted appointed</b> by the MC, or do not have the capability or</p>	<p>AEMO does not agree with the proposed recommended change to the wording, as the use of the term “appointed” is consistent with the use of that term in the Rules.</p>
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			<p>capacity to operate in the Role proposed.</p> <p><b>AGL</b> AGL supports the change.</p> <p><b>Ausgrid</b> No Comment</p> <p><b>PlusES</b> Agree with the proposed update.</p> <p><b>Energy Queensland</b> Energy Queensland offers no comment</p>	<p>Noted</p> <p>Noted</p> <p>Noted</p> <p>Noted</p>
1.5	ICF_002	<p>The following proposed solution refers to the listed scope item ICF_002 - Post PoC Updates to MSATS Procedures – Objections raised by Tango Energy identified above: Section 36. CR6700/6701 - CHANGE MPB OR MPC OR BOTH – SMALL OR LARGE</p> <p><b>36.7 Objection Rules</b></p> <p>The ‘Yes’ Roles specified in Table 36-B may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 36-A.</p> <p><b>Table 36-EB – Objection Rules**</b>  <b>CR 6700 – Change MP</b>  <b>CR 6701 – Change MP – Retrospective</b></p> <p style="text-align: center;">FRMP    LR            MDP            MPB            RoLR    RP            LNSP</p>	<p><b>Momentum</b> Momentum supports the inclusion of the objection code DATEBAD for use by the Current and New MDP in all jurisdictions for CR 6700/6701</p> <p><b>Intellihub</b> No Comment</p> <p><b>Ausnet</b> AusNet Services supports the intent of this change.</p>	<p>Noted</p> <p>Noted</p> <p>Noted. This change is required due to an omission to a participant’s</p>

Objection Code	NMI Class	Jur'n	N	C	N	C	N	C	N	C	N	C	N	C	N	C	N	C
DECLINED	ALL	ALL	-	-	-	-	-	-	Yes	-	-	-	-	-	-	-	-	-
NOTAPRD	ALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
<a href="#">DATEBAD</a>	<a href="#">ALL</a>	<a href="#">ALL</a>	-	-	-	-	-	<a href="#">Yes</a>	<a href="#">Yes</a>	-	-	-	-	-	-	-	-	-
** N = New Role, C = Current Role																		
																	<p>However, we do not agree with implementing this change in 20 May 2019. This is too soon after the B2B Procedure “life support” changes to implement. We recommend deferring this system change to the implementation date of the DER register or to align with MSATS Standing Data review changes later in 2019.</p> <p><b>Tango</b> Agree</p> <p><b>Origin Energy</b> Origin Energy agree with this proposal. No impact on systems</p> <p><b>AGL</b> AGL supports the change.</p> <p><b>Ausgrid</b> No Comment</p> <p><b>PlusES</b> Agree with the proposed update.</p>	<p>response during POC. This change will proceed at the time agreed by the ERCF.</p> <p>Noted</p> <p>Noted</p> <p>Noted</p> <p>Noted</p> <p>Noted</p>

			<b>Energy Queensland</b> Energy Queensland notes that MDP can now object using DATEBAD to 67xx and that this will require internal system changes.	Noted															
<b>2</b>																			
2.1	Change ID_003	<p>The following proposed solution refers to the listed scope item Change ID_003 Enabling a NMI to be transferred on a greenfield site identified above:</p> <p><b>Section 4. CATS CODES AND RULES FOR A CHANGE REQUEST</b></p> <p><b>4.13 Read Type Codes</b></p> <p><b>Table 4-FM – Read Type Codes</b></p> <table border="1"> <thead> <tr> <th>Code</th> <th>Name of code</th> <th>Description of code</th> </tr> </thead> <tbody> <tr> <td>CR</td> <td>Consumer Read</td> <td>Available if approved by Jurisdictional policy. Advice from New FRMP to MC or MDP that the End User has agreed to transfer on a Meter Reading it provides. MDP/MPC is not required to undertake a Special Meter Reading. Applies to type 6 <i>metering installations</i>.</td> </tr> <tr> <td>EI</td> <td>Existing Remotely-Read Interval Meter</td> <td>Advice from the New FRMP to the MDP that there is an existing remotely-read Interval Meter at the <i>connection point</i> and that the existing <i>meters</i> will continue to be used after the transfer. Applies to type 1 to 4 <i>metering installations</i> only.</td> </tr> <tr> <td>ER</td> <td>Estimated Read</td> <td>Available if approved by Jurisdictional policy. Advice from the New FRMP to MDP that the End User has agreed to transfer on an Estimated Reading. No Meter Reading is required for this transfer. MDP is to provide an Estimated Reading in accordance with the <i>metrology procedure</i> and any other Jurisdiction requirements. Applies to type 4A, 5 and type 6 <i>metering installations</i>.</td> </tr> <tr> <td><u>GR</u></td> <td><u>Greenfield NMI</u></td> <td><u>Used when the NMI being transferred is a greenfield connection point and has never had a metering installation physically installed at the connection point and the NMI Status is 'G'.</u></td> </tr> </tbody> </table>	Code	Name of code	Description of code	CR	Consumer Read	Available if approved by Jurisdictional policy. Advice from New FRMP to MC or MDP that the End User has agreed to transfer on a Meter Reading it provides. MDP/MPC is not required to undertake a Special Meter Reading. Applies to type 6 <i>metering installations</i> .	EI	Existing Remotely-Read Interval Meter	Advice from the New FRMP to the MDP that there is an existing remotely-read Interval Meter at the <i>connection point</i> and that the existing <i>meters</i> will continue to be used after the transfer. Applies to type 1 to 4 <i>metering installations</i> only.	ER	Estimated Read	Available if approved by Jurisdictional policy. Advice from the New FRMP to MDP that the End User has agreed to transfer on an Estimated Reading. No Meter Reading is required for this transfer. MDP is to provide an Estimated Reading in accordance with the <i>metrology procedure</i> and any other Jurisdiction requirements. Applies to type 4A, 5 and type 6 <i>metering installations</i> .	<u>GR</u>	<u>Greenfield NMI</u>	<u>Used when the NMI being transferred is a greenfield connection point and has never had a metering installation physically installed at the connection point and the NMI Status is 'G'.</u>	<p><b>Momentum</b></p> <p>Momentum does not support Item 2.1 Change ID_003 which will enable the market transfer of greenfield NMIs across the NEM. Firstly, there is the issue of governance about the lodgement of this industry change by AEMO. Secondly there is no IIR that has been circulated to the industry participants detailing the market benefits for industry as a whole and the customer benefits (consumers) if any. There were discussions among some of the participants prior to the implementation of PoC but nothing since the resumption of ERCF. There are at least 10 electricity distributors in the</p>	<p>Changes to the MSATS Procedures are in accordance with consultation processes as prescribed in the Rules. AEMO points out:</p> <ul style="list-style-type: none"> <li>• Each of the recommended changes were presented to the ERCF to consider industry views and input prior to commencing formal consultation, and</li> <li>• This draft determination is part of the consultation process for changes to MSATS Procedures-, and</li> <li>• There are no requirements in the Rules consultation process for an Impact</li> </ul>
Code	Name of code	Description of code																	
CR	Consumer Read	Available if approved by Jurisdictional policy. Advice from New FRMP to MC or MDP that the End User has agreed to transfer on a Meter Reading it provides. MDP/MPC is not required to undertake a Special Meter Reading. Applies to type 6 <i>metering installations</i> .																	
EI	Existing Remotely-Read Interval Meter	Advice from the New FRMP to the MDP that there is an existing remotely-read Interval Meter at the <i>connection point</i> and that the existing <i>meters</i> will continue to be used after the transfer. Applies to type 1 to 4 <i>metering installations</i> only.																	
ER	Estimated Read	Available if approved by Jurisdictional policy. Advice from the New FRMP to MDP that the End User has agreed to transfer on an Estimated Reading. No Meter Reading is required for this transfer. MDP is to provide an Estimated Reading in accordance with the <i>metrology procedure</i> and any other Jurisdiction requirements. Applies to type 4A, 5 and type 6 <i>metering installations</i> .																	
<u>GR</u>	<u>Greenfield NMI</u>	<u>Used when the NMI being transferred is a greenfield connection point and has never had a metering installation physically installed at the connection point and the NMI Status is 'G'.</u>																	

		<p>NS</p> <p>Next Scheduled Read Date<sup>(1)</sup></p>	<p>Advice from New FRMP to MDP that the Proposed Change Date for the End User transfer is the NSRD, which is, therefore, a date in the future. No other Meter Reading is required.</p> <p>An acceptable date is a window that is up to 3 <i>business days</i> before or 2 <i>business days</i> after the published NSRD.</p> <p>If the date proposed by the New FRMP is not within this same window (i.e. up to 3 <i>business days</i> before or 2 <i>business days</i> after), the MDP must advise the FRMP that there is a problem with the date proposed within 2 days of receipt of the Data Request.</p> <p>If the <i>meter</i> is read outside this window, the MDP is not obliged to provide an Actual Change Date CR 1500.</p> <p>Applies to types 4A, 5 and type 6 <i>metering installations</i>.</p>	<p>eastern states/ jurisdictions and from the unofficial information gathering, this issue affects 2 distributors.</p> <p>In Momentum view, transparency and due process has not been followed for this proposed change to the CATS Procedures.</p>	<p>and Implementation Report (IIR) for MSATS procedures changes.</p>
		<p>PR</p> <p>Previous Read Date<sup>(2)</sup></p>	<p>Available if approved by Jurisdictional policy. Advice from the New FRMP to the MDP that the transfer is to occur on the previous Meter Reading.</p> <p>Applies to type 4A, 5 and type 6 <i>metering installations</i>.</p>	<p>Lastly in Feb 2019, there is a schema change (B2B- CSDN) to introduce more robust processes towards strengthening protections for customers requiring Life Support equipment and to propose a subsequent schema change within 3 months in the same financial year is an unreasonable and unfair impost on the majority of market participants where the benefits are not identified and substantiated.</p>	<p>AEMO advises the transfer of Greenfield NMI can currently occur in the Market and the creation of a new Read Type Code is to support this process and provide a description other than just LNSP error for this type of transfer.</p>
		<p>RR</p> <p>Next Read Date</p>	<p>Advice from New FRMP to MDP that the Proposed Change Date for the End User transfer is to be the date the <i>meter</i> is next read, which is, therefore, a date in the future. This code should be used if it is intended that the transfer is to occur on the date that the <i>meter</i> is read next, whenever that date is (i.e. the Proposed Change Date has no relevance).</p> <p>Applies to types 4A, 5 and type 6 <i>metering installations</i>.</p>	<p>Energy Australia</p> <p>We recommend that in the instance that a retailer churn occurs in between the Allocate NMI and the meter being installed, a</p>	<p>AEMO has updated the Description of code to reflect participant feedback to better define the term Greenfield NMI</p> <p>As this change only introduces a new data value to an existing change request field a schema change is not required for this release of CATS Procedures.</p> <p>AEMO advise that change notifications are already sent to MDP and MC participants.</p>
		<p>SP</p> <p>Special Read</p>	<p>Advice from New FRMP to MDP that the Proposed Change Date for the End User transfer is a date that does not align with the scheduled reading cycle. The MDP/MPC is to arrange for the Special Meter Reading.</p> <p>Applies to type 4A, 5 and type 6 <i>metering installations</i>.</p>		
		<p>UM</p> <p>Unmetered Connection Point</p>	<p>Used when the <i>NMI</i> being transferred is an unmetered <i>connection point</i>.</p>		
<p>Note (1): There is no requirement to maintain the NSRD for <i>meters</i> that are remotely read. The NSRD will only be required for the type 4A, 5 and 6 <i>metering installations</i> where manual Meter Reading is necessary.</p> <p>Note (2): The previous Meter Reading date is not held by MSATS. The New FRMP would obtain this information from the End User. This Read Type Code is likely to be used with Change Reason Codes 1010 and 1081.</p>		<p>(i) The combinations of Read Type Codes, Metering Installation Type Codes and Change Reason Codes that can be valid, (provided the Read Type Code is allowed in a Jurisdiction), are specified in <a href="#">Error! Reference source not found. Table 4-N</a>. (The Metering Installation Type Code referred to here is the code for the existing metering record)</p>			
<p><b>Table 4-GN – Valid Combinations of Read Type Codes, Metering Installation Type Codes and Change Reason Codes</b></p>					

CR Code	1000		1010, 102X, 1040 <u>except 1023</u>		1030		1023	All CR Codes		
	Metering Installation Type Code	BASIC	MRIM / MRA M	BASIC	MRIM / MRA M	BASIC	MRIM / MRA M	<u>Not Applicable</u>	COMMSx / VICAMI	UMCP
Read Type Code	NS	Next Scheduled Read Date	Yes	Yes	No	No	No	No	No	No
	RR	Next Read Date	Yes	Yes	No	No	Yes	Yes	No	No
	SP	Special Read	Yes	Yes	No	No	Yes	Yes	No	No
	ER	Estimated Read	Yes	Yes	Yes	No	Yes	Yes	No	No
	CR	Consumer Read	Yes	No	No	No	No	No	No	No
	PR	Previous Read Date	No	No	Yes	Yes	No	No	No	No
	UM	Unmetered Connection Pt	No	No	No	No	No	No	No	Yes
	EI	Existing Interval Meter	No	No	No	No	No	No	Yes	No
<u>GR</u>	<u>Greenfield NMI</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>Yes</u>	<u>No</u>	<u>No</u>

Note: 1080 is the same as 1000, 1081 is the same as 1010, 1083 is the same as 1030, and 1084 is the same as 1040.  
 Note: 102X refers to 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028 and 1029.  
 Note: COMMSx refers to COMMS1, COMMS2, COMMS3, COMMS4, COMMS4C, COMMS4D.  
 Note: **No meter reading is required for a CR Code 1023**

notification of the change (i.e. the CR1023 transaction) should also be sent to the MC/MP.

This would prevent situations where metering works inadvertently commence after a retailer has lost a site.

There is also a potential timing issue where the MPB has already completed the physical meter exchange but the FRMP has not been updated in MSATS; it should be clarified whether the MPB can object in this instance.

It should also be clarified that no meter reading is needed for a transfer of a greenfield NMI.

**Intellihub**

AEMO have updated the description of a Greenfield NMI to include any in-progress work. Identifying where a meter has already been physically installed, but MSATS has not been updated with the appropriate changes. Please refer to the updated 'Description of code' above, within this change.

The change request notifications in section 8.9 (refer item 2.2) have been updated to include MPB receiving notifications to enable them to identify any changes to FRMP.

The objection rules in section 8.8 CR 1023 – New NMI - Update/Correct FRMP of Greenfield Site have been updated to include a reason of BADDATA to allow the Current MC to object where a meter has been installed but MSATS has not been updated with the appropriate changes.



			<p>No Comment</p> <p><b>Ausnet</b>          AusNet Services supports the intent of this change on the basis it represents efficient practice. However, we do not agree with implementing this change in 20 May 2019. This is too soon after the B2B Procedure “life support” changes to implement. We recommend deferring this system change to implementation date of the DER register or to align with MSATS Standing Data review changes later in 2019.</p> <p>Further, it is disappointing this change was not incorporated into the 1 Dec 2017 Power of Choice changes.</p> <p><b>Tango</b>          Can AEMO please clarify when the Transfer is to Complete?          A Proposed change date is required on the 1023 and</p>	<p>Noted</p> <p>Noted</p> <p>AEMO confirms that the completion date in the change request will be the proposed change date.</p>
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			<p>this is a retrospective date. Presumably the date the Allocate NMI completed. Tango's expectation is the FRMP should only be updated from the time the metering was installed and therefore the Proposed Change Date would be prospective i.e. the date the retailer requested the metering to be installed. The MDP would be required to provide the Actual Change Date (of the metering installation) to complete the transfer. Also could AEMO please confirm the 'Minimum Mandatory Data Set' required on the completion of the 1023 transfer?</p> <p><b>Origin Energy</b></p> <p>Origin Energy agree with this proposal however there are system related impacts for this. At this stage Origin will be able to manage the system implications.</p>	<p>As the CR 1023 relates to the transfer of a Greenfield NMI there will be no metering, therefore the MDP does not provide the actual change data.</p> <p>Please refer to MSATS Procedures for the mandatory fields required for the CR to be raised, also refer to the description of GR read type code. When completed the same data set will exist that existed prior to the change request but will be updated with the new role information</p> <p>AEMO confirms CR 1023 is to be used for a small NMI classification only.</p> <p>Noted</p> <p>AEMO note that the proposed change is for</p>
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			<p>Clarification is required as to whether this could be raised for large NMI's?</p> <p><b>AGL</b> AGL supports the change.</p> <p><b>Ausgrid</b> Agree with the proposed update.</p> <p><b>PlusES</b> Agree with the proposed update.</p> <p><b>Vector</b> Suggest that the following sentence be added to the description "<b>No Meter Reading is required for this transfer</b>" to make it clear as "Read Type Code is used to signal when a meter should be read, whether an alternative arrangement is to be used, or whether no read is required".</p> <p><b>Energy Queensland</b></p>	<p>small NMI's only. The suggested change is outside the scope of this consultation. An ICF is required for any additional changes.</p> <p>Noted</p> <p>Noted</p> <p>Noted</p> <p>AEMO have added a note to table 4N to clarify no reading is required for a CR 1023 change request.</p> <p>Noted</p>
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			<p>Energy Queensland supports proposed change and notes that this has been a problem since the introduction of FRC in Queensland.</p> <p>However, Energy Queensland notes that system changes will be required to accept and process greenfield transfers.</p>											
2.2	Change ID_003	<p>The following proposed solution refers to the listed scope item Change ID_003 Enabling a NMI to be transferred on a greenfield site identified above:</p> <p>Section 8. CHANGE RETAILER – ERROR CORRECTIONS – SMALL NMIS</p> <p><b>8.1 Application [1021 1022 1023 1024 1025 1026 1027 1028 1029]</b></p> <p>Please note that the appropriate Change Request for a LARGE NMI is CR 1020 – Change Retailer – Retrospective – Long Term/Error (not SMALL<sup>1</sup>). More information about this Change Request is provided in Section 7.</p> <p>Section 8 applies to the following Change Reason Codes:</p> <table border="1" data-bbox="318 992 1496 1356"> <thead> <tr> <th>Change Reason Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>1021 – Error Correction – Missed CR1500</td> <td>Used where the proposed transfer date has been missed due to the MDP not being able to provide a corresponding Actual Change Date on the original Change Request (CR 1000, 1010, 1030 or 1040).</td> </tr> <tr> <td>1022 – Incorrect transfer date</td> <td>Used where the MDP supplies an incorrect Actual Change Date and the original Change Request (CR 1000, 1010, 1030 or 1040) was Completed on the incorrect date.</td> </tr> <tr> <td>1023 – New NMI – <u>Update/Correct FRMP on Greenfield Site</u></td> <td>Used where the LNSP has nominated an incorrect retailer on a newly created <i>NMI</i> or a <i>FRMP</i> other than the <i>FRMP</i> who requested the <i>Allocate NMI requests the supply to be connected</i>. This is limited to incorrect CR 2000, 2001, 2500, 2501 and the equivalent Embedded Network Codes.</td> </tr> <tr> <td>1024 – Transfer missed</td> <td>Used where the New Retailer failed to initiate the transfer in time.</td> </tr> </tbody> </table>	Change Reason Code	Description	1021 – Error Correction – Missed CR1500	Used where the proposed transfer date has been missed due to the MDP not being able to provide a corresponding Actual Change Date on the original Change Request (CR 1000, 1010, 1030 or 1040).	1022 – Incorrect transfer date	Used where the MDP supplies an incorrect Actual Change Date and the original Change Request (CR 1000, 1010, 1030 or 1040) was Completed on the incorrect date.	1023 – New NMI – <u>Update/Correct FRMP on Greenfield Site</u>	Used where the LNSP has nominated an incorrect retailer on a newly created <i>NMI</i> or a <i>FRMP</i> other than the <i>FRMP</i> who requested the <i>Allocate NMI requests the supply to be connected</i> . This is limited to incorrect CR 2000, 2001, 2500, 2501 and the equivalent Embedded Network Codes.	1024 – Transfer missed	Used where the New Retailer failed to initiate the transfer in time.	<p><b>Momentum</b></p> <p>Momentum does not support Item 2.2 Change ID_003 which will permit the error correction transfer of a greenfield NMI. Refer to response for Item 2.1 Change ID 003.</p> <p><b>Energy Australia</b></p> <p>It would be useful to provide clarification that if a new FRMP is allocated via the CR1023 transaction, the new FRMP will also be responsible for nominating new MC/MP/MDP participants as per usual meter churn process.</p> <p>We also recommend that clarity on the rules of NMI</p>	<p>AEMO have responded to this comment in item 2.1 above. Please refer to the AEMO response above.</p> <p>AEMO recognize FRMP’s are able to use the existing MC/MP/MDP subject to FRMP contractual arrangements. Each FRMP is responsible for maintaining MSATS data in accordance with their market obligations.</p>
Change Reason Code	Description													
1021 – Error Correction – Missed CR1500	Used where the proposed transfer date has been missed due to the MDP not being able to provide a corresponding Actual Change Date on the original Change Request (CR 1000, 1010, 1030 or 1040).													
1022 – Incorrect transfer date	Used where the MDP supplies an incorrect Actual Change Date and the original Change Request (CR 1000, 1010, 1030 or 1040) was Completed on the incorrect date.													
1023 – New NMI – <u>Update/Correct FRMP on Greenfield Site</u>	Used where the LNSP has nominated an incorrect retailer on a newly created <i>NMI</i> or a <i>FRMP</i> other than the <i>FRMP</i> who requested the <i>Allocate NMI requests the supply to be connected</i> . This is limited to incorrect CR 2000, 2001, 2500, 2501 and the equivalent Embedded Network Codes.													
1024 – Transfer missed	Used where the New Retailer failed to initiate the transfer in time.													

<sup>1</sup> Please note that “not SMALL” refers to LARGE, WHOLESAL, INTERCON, GENERATR or SAMPLE NMIs.

		<p>Acceptable reasons for the use of this code are:</p> <ul style="list-style-type: none"> <li>Where a Site has more than one <i>NMI</i> and not all of them were transferred. The error correction transaction will be used to transfer the other <i>NMI(s)</i> missed.</li> <li>Re-energisation of Site, with or without End User notification (End User request to <i>retailer</i>.)</li> </ul>	Discovery and how it applies to CR1023 is provided (in particular <i>NMI</i> Discovery Search 2, clause 42.3.2) is to be used (or not) in accordance with CR1023. If this is not the intention, this should be clarified.	AEMO advises that use <i>NMI</i> discovery type 3 is to identify current FRMP.
	1025 – Transferred in Error	Used where the Current FRMP transferred the <i>NMI</i> in error and requests the New Retailer to transfer it back. A wrong <i>NMI</i> was selected by the Current FRMP to transfer.		AEMO believes section 42.3.4 (a) already provides this clarification.
	1026 – Cooled Off	Used where an End User signs a contract with a New Retailer. The End User then cancels the request within the Cooling-Off Period. New Retailer fails to withdraw the transfer request (transfer Pending) or was unable to do so (transfer Completed).		
	1027 – Customer Moves Out on or before CR completion date	Used where a End User signs a contract with a New Retailer but moves out on or before the Change Request completion date (transfer date).		
	1028 – Non-account holder signs contract	Used where a person other than the End User at a Site signs a contract with a New Retailer. The End User for the Site then discovers this and does not wish to transfer.		
	1029 – Other Error Corrections (SMALL only)	Used to correct errors caused by Participant process or systems issues; for example, late processing of contractual paperwork by initiating Participant. These may be reasons other than those covered by CR 1021 – 1028.		
	<p><b>8.2 Conditions Precedent</b></p> <p>(a) The <i>NMI</i> exists in MSATS.<sup>2</sup></p> <p>(b) The <i>NMI</i> Classification Code is SMALL. This section applies to the <i>metering installations</i> types 4, 4A, 5, 6, or 7.</p> <p>(c) The date of the transfer of <i>retailer</i> from the Current FRMP to the New FRMP will be the Actual Change Date.</p> <p>(d) The Actual Change Date is to be established in accordance with the Read Type Code submitted to MSATS by the New FRMP.</p>		<p><b>Intellihub</b> No Comment</p> <p><b>Ausnet</b> Please refer to comment for 2.1 above.</p> <p><b>Origin Energy</b> As above.</p> <p><b>AGL</b> AGL supports the change.</p> <p><b>Ausgrid</b> Agree with the proposed update.</p>	<p>Noted</p> <p>AEMO have responded to this comment in item 2.1 above. Please refer to the AEMO response above.</p> <p>Noted</p> <p>Noted</p> <p>Noted</p>

<sup>2</sup> If the *NMI* does not already exist in MSATS, the *retailer* should refer to section [Error! Reference source not found.44](#) “Create a *NMI*” and seek LNSP action to establish the *NMI*.

	<p><b>8.3 Initiating Roles</b></p> <p>A New FRMP may initiate a Change Request to effect a change of <i>retailer</i> in accordance with section <a href="#">Error! Reference source not found.8.4.</a></p> <p><b>8.4 FRMP Requirements</b></p> <p>The New FRMP must:</p> <ul style="list-style-type: none"> <li>(a) Obtain the NMI Checksum.</li> <li>(b) Confirm that the <i>NMI</i> is a valid <i>NMI</i> for the <i>connection point</i> prior to the Initiation of a Change Request.</li> <li>(c) Submit a Change Request to initiate the transfer of the End User from which the New FRMP has obtained Explicit Informed Consent.</li> <li>(d) <u>Confirm that the <i>NMI</i> is a greenfield site and has never had a <i>metering installation</i> installed at the <i>connection point</i>.(applies to CR1023)</u></li> <li>(e) Populate the Change Request with the following information: <table border="1" data-bbox="394 938 1496 1010"> <tr> <td>Change Reason Code</td> <td>Participant transaction ID</td> <td><i>NMI</i> and NMI Checksum</td> </tr> <tr> <td>Its Participant ID</td> <td>Proposed Change Date</td> <td>Read Type Code</td> </tr> </table> </li> <li>(f) Nominate itself as the New FRMP</li> </ul> <p>The New FRMP may:</p> <ul style="list-style-type: none"> <li>(g) Populate the Change Request with the identity of the following Roles: <table border="1" data-bbox="394 1182 1496 1254"> <tr> <td>RP</td> <td>MPB</td> <td>MPC</td> </tr> <tr> <td>MDP</td> <td></td> <td></td> </tr> </table> <p>or leave this action to the New MC to complete.</p> </li> <li>(h) Populate the Change Request with: <table border="1" data-bbox="394 1369 1496 1409"> <tr> <td>Actual End Date</td> <td></td> <td></td> </tr> </table> </li> </ul>	Change Reason Code	Participant transaction ID	<i>NMI</i> and NMI Checksum	Its Participant ID	Proposed Change Date	Read Type Code	RP	MPB	MPC	MDP			Actual End Date			<p><b>PlusES</b></p> <p>Agree with the proposed update.</p> <p><b>Vector</b></p> <p>Should this transaction also be used to change the current metering service providers for a Greenfield Site. i.e. FRMP remains the same but MC,MDP,MP is now to be reallocated to new providers...If so, then description should be updated to reflect this.</p> <p><b>8.5 MDP Requirements</b></p> <p>Is this correct? Data streams should only become active from the date when the metering is installed, which will be subsequent to the 1023 completing?</p> <p><b>8.8 Timeframe Rules</b></p> <p>VectorAMS believes that the introduction of the 1023 to allow churn of market roles while a new connection is in process will allow for a situation where the metering has recently been</p>	<p>Noted</p> <p>AEMO doesn't agree with the proposed amendment as the nominated change request relates to a transfer error correction and not a role change.</p> <p>AEMO's has updated section 8.5 to include an exemption for CR 1023</p> <p>AEMO have addressed this issue in Item 2.1 above:</p> <p>AEMO has updated the Description of code to reflect participant feedback to better define the term Greenfield NMI</p>
Change Reason Code	Participant transaction ID	<i>NMI</i> and NMI Checksum																
Its Participant ID	Proposed Change Date	Read Type Code																
RP	MPB	MPC																
MDP																		
Actual End Date																		



- (i) For Retrospective Changes, nominate a Proposed Change Date in accordance with the Timeframe Rules.
- (j) Withdraw a change of retailer transaction request at any time until the transfer is Completed.

### 8.5 MDP Requirements

Once the transfer has Completed, the MDP must set up the NMI suffix(s) so that they become active on the Actual Change Date if this data is not already provided or has changed except when a Greenfield site is transferred using a CR 1023.

### 8.6 MC Requirements

The MC must ensure MDP, MPC and MPB roles are correct and if not raise appropriate Change Request to update. Refer to section Error! Reference source not found.39 to Error! Reference source not found.37 for Change Request types for Role Changes.

### 8.7 Timeframe Rules

When preparing a Change Request, the New FRMP must choose, for the identified Change Reason Codes, a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in the Table 8-A.

#### Table 8-HA – Timeframe Rules

- CR 1021 – Error correction – Missed CR1500
- CR 1022 – Incorrect transfer date
- CR 1023 – New NMI – LNSP set up wrong retailer in MSATS Update/Correct FRMP on Greenfield Site
- CR 1024 – Transfer missed
- CR 1025 – Transferred in error
- CR 1026 – Cooled Off
- CR 1027 – Customer moves out on or before CR completion date
- CR 1028 – Non-account holder signs contract
- CR 1029 – Other error corrections (SMALL only)

Objection Logging Period (business days)	Objection Clearing Period (business days)	Retrospective Period (business days)	Prospective Period (business days)
1	20	130	0

### 8.8 Objection Rules

completed at the time the CR1023 is raised. To manage this the current MPB must have the ability to object as the meter change has been completed under the instructions of the original FRMP and MSATS is in the process of being updated to reflect this. Should the customer still wish to transfer then a standard transfer process can proceed and if necessary the Metering roles can change in line with the meter churn process.

#### 8.9 Change Request Status Notification Rules

VectorAMS strongly suggests that the current MPB be included as a notification party for the life cycle of a CR1023. This is important for 1) when the metering work may have already been completed so the MP can object (see above) and 2) when a CR1023 is raised the MPB can immediately cancel any inflight SO's raised by the outgoing FRMP. Should this

The change request notifications in section 8.9 have been updated to include MPB in notifications to enable them to identify any changes to FRMP.

AEMO agrees with the proposed suggestion to include the MPB into the notifications for a CR 1023 and has updated the MSATS Procedures accordingly.

The 'Yes' Roles specified in Table 8-B may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 8-A.

**Table 8-B – Objection Rules**

**CR 1021 – Error Correction – Missed CR1500**

**CR 1022 – Incorrect transfer date**

Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		RoLR		RP		LNSP	
			N	C	N	C	N	C	N	C	N	C	N	C	N	C
BADMETER	SMALL	ALL					Yes	Yes								
DATEBAD	SMALL	ALL	-	Yes	-	-	Yes	-Yes	-	-	-	-	-	-	-	-
DECLINED	SMALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-
NOTAPRD	SMALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
NOTRANS	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
DEBT	SMALL	VIC	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-

**CR 1023 – New NMI – LNSP set up wrong retailer in MSATS Update/Correct FRMP on Greenfield Site**

Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		RoLR		RP		LNSP	
			N	C	N	C	N	C	N	C	N	C	N	C	N	C
BADMETER	SMALL	ALL					Yes	Yes								
DATEBAD	SMALL	ALL	-	Yes	-	-	Yes	-	-	-	-	-	-	-	-	-
DECLINED	SMALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-
NOTAPRD	SMALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
CRCODE	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
BADDATA	SMALL	ALL	-	-	-	-	-	-	-	-	-	-	-	Yes	-	-

**CR 1024 – Transfer missed**

not occur then the New MPB may get to site and find a meter already installed.

Table should reflect that the current MPB be notified at Requested, Pending and Completed statuses.

**Energy Queensland**

EQL comment provided below:

Energy Queensland notes that in relation to the change to CR1023, clause 8.5 will need to be amended to acknowledge that **the MDP is unable to create a data stream on completion of the transfer where no metering installation currently exists.**

AEMO agrees with the proposed suggestion to include the MPB into the notifications for a CR 1023 and has updated the MSATS Procedures accordingly.

Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		RoLR		RP		LNSP	
			N	C	N	C	N	C	N	C	N	C	N	C	N	C
BADMETER	SMALL	ALL					Yes	Yes								
DATEBAD	SMALL	ALL	-	Yes	-	-	Yes	-Yes	-	-	-	-	-	-	-	-
DECLINED	SMALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-
NOTAPRD	SMALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
CRCODE	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
NOTAWARE	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
DEBT	SMALL	VIC	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
<p><b>CR 1025 – Transferred in Error</b></p> <p><b>CR 1026 – Cooled Off</b></p> <p><b>CR 1027 – Customer Moves Out on or before CR completion date</b></p> <p><b>CR 1028 – Non-account holder signs contract</b></p>																
Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		RoLR		RP		LNSP	
			N	C	N	C	N	C	N	C	N	C	N	C	N	C
BADMETER	SMALL	ALL					Yes	Yes								
DATEBAD	SMALL	ALL	-	Yes	-	-	Yes	-Yes	-	-	-	-	-	-	-	-
DECLINED	SMALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-
NOTAPRD	SMALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
CRCODE	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
NOTAWARE	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
NOTRANS	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
DEBT	SMALL	VIC	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
<p><b>CR 1029 – Other Error Corrections (SMALL only )</b></p>																

Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		RoLR		RP		LNSP	
			N	C	N	C	N	C	N	C	N	C	N	C	N	C
DATEBAD	SMALL	ALL	-	Yes	-	-	Yes	Yes	-	-	-	-	-	Yes	-	-
DECLINED	SMALL	ALL	-	-	-	-	Yes	-Yes	-	-	-	-	Yes	-	-	-
NOTAPRD	SMALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
RETRO	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
BADMETER	SMALL	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
BADPARTY	SMALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	Yes	-	-
DEBT	SMALL	VIC	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-

\*\* N = New Role, C = Current Role.

## 8.9 Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 8-C.

### Table 8-JC – Change Request Status Notification Rules\*\*

CR 1021 – Error Correction – Missed CR1500

CR 1022 – Incorrect transfer date

CR 1023 – New NMI – **LNSP set up wrong retailer in MSATS Update/Correct FRMP on Greenfield Site**

CR 1024 – Transfer missed

CR 1025 – Transferred in Error

CR 1026 – Cooled Off

CR 1027 – Customer Moves Out on or before CR completion date

CR 1028 – Non-account holder signs contract

CR 1029 – Other Error Corrections (SMALL only)

PARTICIPANT ROLE – Receives Notification of Change

Status Change	FRMP		LR		LNSP		MDP		MPB		RoLR		RP		
	N	C	N	C	N	C	N	C	N	C	N	C	N	C	
CANCELLED	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes
COMPLETED	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes
OBJECTED	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes
PENDING	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes

		REJECTED	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes																																																																																																																																																																																																																																																			
		REQUESTED	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes																																																																																																																																																																																																																																																			
<b>3</b>																																																																																																																																																																																																																																																																			
3.1	Change ID_004	<p>The following proposed solution refers to the listed scope item Change ID_004 Use of DATEBAD Objection Code for CR1024 - MDP Objections identified above;</p> <p>Section 8. CHANGE RETAILER – ERROR CORRECTIONS – SMALL NMIS</p> <p>8.8 Objection Rules</p> <p><b>Table 8-KB – Objection Rules</b></p> <p><b>CR 1021 – Error Correction – Missed CR1500</b></p> <p><b>CR 1022 – Incorrect transfer date</b></p> <table border="1"> <thead> <tr> <th rowspan="2">Objection Code</th> <th rowspan="2">NMI Class</th> <th rowspan="2">Jur'n</th> <th colspan="2">FRMP</th> <th colspan="2">LR</th> <th colspan="2">MDP</th> <th colspan="2">MPB</th> <th colspan="2">RoLR</th> <th colspan="2">RP</th> <th colspan="2">LNSP</th> </tr> <tr> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>BADMETER</td> <td>SMALL</td> <td>ALL</td> <td></td> <td></td> <td></td> <td></td> <td>Yes</td> <td>Yes</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>DATEBAD</td> <td>SMALL</td> <td>ALL</td> <td>-</td> <td>Yes</td> <td>-</td> <td>-</td> <td>Yes</td> <td>-Yes</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>DECLINED</td> <td>SMALL</td> <td>ALL</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>NOTAPRD</td> <td>SMALL</td> <td>ALL</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes</td> </tr> <tr> <td>NOTRANS</td> <td>SMALL</td> <td>ALL</td> <td>-</td> <td>Yes</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>DEBT</td> <td>SMALL</td> <td>VIC</td> <td>-</td> <td>Yes</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table> <p><b>CR 1023 – New NMI – LNSP set up wrong Retailer in MSATS</b></p> <table border="1"> <thead> <tr> <th rowspan="2">Objection Code</th> <th rowspan="2">NMI Class</th> <th rowspan="2">Jur'n</th> <th colspan="2">FRMP</th> <th colspan="2">LR</th> <th colspan="2">MDP</th> <th colspan="2">MPB</th> <th colspan="2">RoLR</th> <th colspan="2">RP</th> <th colspan="2">LNSP</th> </tr> <tr> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> <th>N</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>BADMETER</td> <td>SMALL</td> <td>ALL</td> <td></td> <td></td> <td></td> <td></td> <td>Yes</td> <td>Yes</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>DATEBAD</td> <td>SMALL</td> <td>ALL</td> <td>-</td> <td>Yes</td> <td>-</td> <td>-</td> <td>Yes</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>DECLINED</td> <td>SMALL</td> <td>ALL</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>NOTAPRD</td> <td>SMALL</td> <td>ALL</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes</td> </tr> </tbody> </table>															Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		RoLR		RP		LNSP		N	C	N	C	N	C	N	C	N	C	N	C	N	C	BADMETER	SMALL	ALL					Yes	Yes										DATEBAD	SMALL	ALL	-	Yes	-	-	Yes	-Yes	-	-	-	-	-	-	-	-	-	DECLINED	SMALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-	-	NOTAPRD	SMALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes	NOTRANS	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-	-	DEBT	SMALL	VIC	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-	-	Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		RoLR		RP		LNSP		N	C	N	C	N	C	N	C	N	C	N	C	N	C	BADMETER	SMALL	ALL					Yes	Yes									DATEBAD	SMALL	ALL	-	Yes	-	-	Yes	-	-	-	-	-	-	-	-	-	-	DECLINED	SMALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-	-	NOTAPRD	SMALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes	<p><b>Momentum</b></p> <p>Momentum supports Item 3.1, Change ID_004 which is to enable the Current MDP to object with objection code DATEBAD to a Change Request with Change Reason Code 1024 and NMI Class SMALL where the transfer has been missed for valid reasons.</p> <p><b>Energy Australia</b></p> <p>No comment</p> <p><b>Intellihub</b></p> <p>No Comment</p> <p><b>Ausnet</b></p> <p>AusNet Services supports the intent of this change. However, we do not agree with implementing this change in 20 May 2019. This is too soon after the B2B Procedure “life support” changes to implement. We recommend deferring this</p>	<p>Noted</p> <p>Noted</p> <p>Noted</p> <p>Noted. This change is a direct result of an oversight by AEMO due to the POC changes by removing the mandatory requirement of nominating the MDP in FRMP transfer change requests.</p>
Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		RoLR		RP		LNSP																																																																																																																																																																																																																																																				
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CRCODE	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<u>BADDATA</u>	<u>SMALL</u>	<u>ALL</u>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes	-
<b>CR 1024 – Transfer missed</b>																			
Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		RoLR		RP		LNSP				
			N	C	N	C	N	C	N	C	N	C	N	C	N	C			
BADMETER	SMALL	ALL					Yes	Yes											
DATEBAD	SMALL	ALL	-	Yes	-	-	Yes	-Yes	-	-	-	-	-	-	-	-	-	-	-
DECLINED	SMALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-	-	-	-
NOTAPRD	SMALL	ALL	-		-	-	-	-	-	-	-	-	-	-	-	-	-	Yes	-
CRCODE	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NOTAWARE	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEBT	SMALL	VIC	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>CR 1025 – Transferred in Error</b>																			
<b>CR 1026 – Cooled Off</b>																			
<b>CR 1027 – Customer Moves Out on or before CR completion date</b>																			
<b>CR 1028 – Non-account holder signs contract</b>																			
Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		RoLR		RP		LNSP				
			N	C	N	C	N	C	N	C	N	C	N	C	N	C			
BADMETER	SMALL	ALL					Yes	Yes											
DATEBAD	SMALL	ALL	-	Yes	-	-	Yes	-Yes	-	-	-	-	-	-	-	-	-	-	-
DECLINED	SMALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-	-	-	-
NOTAPRD	SMALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes	-
CRCODE	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NOTAWARE	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NOTRANS	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEBT	SMALL	VIC	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<p>system change to the implementation date of the DER register or to align with MSATS Standing Data review changes later in 2019.</p> <p><b>Tango</b> Agree. However, Tango would expect this change to apply to all other Error Correction transfers as the MDP may not be changing for any of the Error Correction change requests.</p> <p><b>Origin Energy</b> Origin Energy agree with this proposal. No system impacts.</p> <p><b>AGL</b> AGL supports the change.</p> <p><b>Ausgrid</b> Agree with the proposed update.</p> <p><b>PlusES</b></p>																			
<p>This change will proceed at the time agreed by the ERCF.</p> <p>AEMO agree with the proposed suggestion and has updated all other CR 102x change request with the exception of CR 1023 which does not include metering.</p> <p>Noted</p> <p>Noted</p> <p>Noted</p>																			

**CR 1029 – Other Error Corrections (SMALL only)**

Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		RoLR		RP		LNSP	
			N	C	N	C	N	C	N	C	N	C	N	C	N	C
DATEBAD	SMALL	ALL	-	Yes	-	-	Yes	Yes	-	-	-	-	-	Yes	-	-
DECLINED	SMALL	ALL	-	-	-	-	Yes	-Yes	-	-	-	-	Yes	-	-	-
NOTAPRD	SMALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
RETRO	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
BADMETER	SMALL	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
BADPARTY	SMALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	Yes	-	-
DEBT	SMALL	VIC	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-

\*\* N = New Role, C = Current Role.

### 8.9 Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 8-C.

**Table 8-LC – Change Request Status Notification Rules**

CR 1021 – Error Correction – Missed CR1500

CR 1022 – Incorrect transfer date

CR 1023 – New NMI – **LNSP set up wrong retailer in MSATS Update/Correct FRMP on Greenfield Site**

CR 1024 – Transfer missed

CR 1025 – Transferred in Error

CR 1026 – Cooled Off

CR 1027 – Customer Moves Out on or before CR completion date

CR 1028 – Non-account holder signs contract

CR 1029 – Other Error Corrections (SMALL only)

**PARTICIPANT ROLE – Receives Notification of Change**

Status Change	FRMP		LR		LNSP		MDP		MPB		RoLR		RP		
	N	C	N	C	N	C	N	C	N	C	N	C	N	C	
CANCELLED	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes
COMPLETED	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes

Agree with the proposed update.

**Energy Queensland**

EQL comment provided below:

Energy Queensland notes that MDP can now object using DATEBAD on CR1024. However, changes to internal systems will be required.

Noted

Noted



		<table border="1"> <tr> <td>OBJECTED</td> <td>Yes</td> <td>Yes</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> <td>-</td> <td>-</td> <td>Yes</td> <td>Yes</td> </tr> <tr> <td>PENDING</td> <td>Yes</td> <td>Yes</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> <td>-</td> <td>-</td> <td>Yes</td> <td>Yes</td> </tr> <tr> <td>REJECTED</td> <td>Yes</td> <td>Yes</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> <td>-</td> <td>-</td> <td>Yes</td> <td>Yes</td> </tr> <tr> <td>REQUESTED</td> <td>Yes</td> <td>Yes</td> <td>-</td> <td>-</td> <td>-</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> <td>-</td> <td>-</td> <td>Yes</td> <td>Yes</td> </tr> </table>	OBJECTED	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes	PENDING	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes	REJECTED	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes	REQUESTED	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes		
OBJECTED	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes																																																		
PENDING	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes																																																		
REJECTED	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes																																																		
REQUESTED	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes																																																		
4.1	ICF_005	<p>The following proposed solution refers to the listed scope item ICF_005 - MC (NMI) Standing Data Search raised by Acumen Metering identified above;</p> <p><b>Section 42. ACCESS TO CATS STANDING DATA</b></p> <p><b>42.1. Introduction</b></p> <p>(a) This section provides the rules for access to CATS Standing Data through MSATS.</p> <p>(b) Separate rules apply to CATS Standing Data that is available for NMI Discovery Search and CATS Standing Data that can be accessed by Participants with a relationship to a <i>NMI</i>.</p> <p>(c) <i>NMI Standing Data</i> for NMI Discovery Search is the specified sub-set of CATS Standing Data identified in Table 42-A, Table 42-C, Table 42-I and Table 42-J.</p> <p>(d) The entire set of CATS Standing Data is identified in Table 42-D, Table 42-E, Table 42-F, Table 42-G and Table 42-H.</p> <p><b>42.2 Participant</b></p> <p>(a) In accordance with Jurisdictional requirements, a Participant may seek access to <i>NMI Standing Data</i> from MSATS as set out in section 42.3.1 for the purpose of identifying the <i>NMI</i> attributes assigned to a <i>connection point</i> or as otherwise permitted by the Jurisdiction.</p> <p>(b) If agreed with a potential End User, a Participant may seek access to <i>NMI Standing Data</i> from MSATS in accordance with section 42.3.2 for the purpose of identifying the <i>NMI Standing Data</i> assigned to a <i>connection point</i> or as otherwise prescribed by the Jurisdiction.</p> <p>(c) A Participant may seek access to <i>NMI Standing Data</i> from MSATS in accordance with section 42.3.4 only for the purpose of:</p>	<p><b>Momentum</b></p> <p>Momentum supports the proposed change for the Metering Coordinators to have access to a subset of NMI Standing data information that is relevant to their role, responsibilities and the MC's relationship to a NMI.</p> <p><b>Energy Australia</b></p> <p>Additional wording suggested below: Add to 42.2(f): after the incoming FRMP has won billing rights.</p> <p>The intention is to make it clear that if the MC is seeking access to standing data for this particular instance, the respective FRMP (that nominated the MC) has won billing rights.</p>	<p>Noted</p> <p>AEMO does not agree with the proposed change to wording as the change does not depend on the FRMP having billing rights to enable a MC to request NMI Standing Data</p>																																																												

		<ul style="list-style-type: none"> <li>(i) Identifying the Current FRMP so the End User can be referred to them in order to arrange abolishment of the <i>NMI</i> from MSATS;</li> <li>(ii) Identifying the Current FRMP to advise that an error correction transfer (CR 1021, 1023, 1024 and 1029) will be raised;</li> <li>(iii) Identifying the Current FRMP to obtain agreement to raise a transfer CR 1010 – a Retrospective Change to align to Meter Reading;</li> <li>(iv) Identifying the most recent previous FRMP to arrange with them to raise a transfer in order to win back a <i>NMI</i> transferred in error. (CR 1022, 1025, 1026, 1027 and 1028.)</li> </ul> <p>(d) A Current Participant is provided with access to CATS Standing Data in MSATS in accordance with Table 42-D, Table 42-E, Table 42-F, Table 42-G, Table 42-H, Table 42-I and Table-42J.</p> <p>(e) For the purpose of this section, a reference to a:</p> <ul style="list-style-type: none"> <li>(i) Participant;</li> <li>(ii) <i>retailer</i>; or</li> <li>(iii) FRMP,</li> </ul> <p>is also a reference to a <i>Customer’s Disclosee</i> under section 8.6.2(b1) of the Rules.</p> <p>(f) <u>An MC may seek access to NMI Standing Data from MSATS in accordance with section 42.3.5 only for the purpose of identifying the NMI Classification of ‘LARGE’ in order to arrange a change of MC.</u></p>	<p><b>Intellihub</b> What a great Idea!</p> <p><b>Ausnet</b> AusNet Services supports this change on the basis it reflects the intent of the Power of Choice rule change and it requires no significant work to implement.</p> <p><b>Tango</b> Agree.</p> <p><b>Origin Energy</b> Origin Energy do not have an issue with MP’s wanting to seek this information.</p> <p><b>AGL</b> AGL supports the change.</p> <p><b>Ausgrid</b> Ausgrid seeks clarification that the in the case where the MC is conducting NMI discovery (where they are not yet appointed as MC) that they only have access to the “NMI Classification”</p>	<p>Noted</p> <p>Noted</p> <p>Noted</p> <p>Noted</p> <p>Noted</p> <p>The NMI discovery will provide the same standing data information available to a MC as soon as they initiate a CR. Currently once a change request is raised the MC could request a C7 report.</p>
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			<p>field in MSATS as they are not entitled to any other NMI standing data.</p> <p><b>PlusES</b>          Agree with the proposed update for the MC, but this change should be extended to other PoC introduced Roles.          PLUS ES proposes that changes to NMI Discovery rules should also include the ENM Role. The ENM requires details from the Parent NMI before it can setup Child Embedded Network sites. Information would be obtained automatically if the ENM was allowed to perform NMI discovery reducing the requests to the LNSP.</p> <p><b>Vector</b>          VectorAMS supports this change.</p> <p><b>Endeavour Energy</b>          We note that clause 42.2.f states that (emphasis added) “An MC may seek</p>	<p>This report provides the information that is being returned in the NMI Standing Data search.</p> <p>The proposed change to extend NMI discovery to ENM is not a matter under consultation.          An ICF is required for this additional change.</p> <p>Noted</p> <p>Clause 42.2 (f) indicates the eligibility condition where a MC can request</p>
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			<p>access to NMI Standing Data from MSATS in accordance with section 42.3.5 <b>only for the purpose of identifying the NMI Classification of ‘LARGE’ in order to arrange a change of MC.”</b></p> <p>However clause 42.3.5 provides information that is more than just the NMI Classification. Based on clause 42.2.f we suggest that that the information made available to a MC be limited to the NMI Classification.</p> <p><b>Energy Queensland</b> Energy Queensland offers no comment.</p>	<p>NMI Standing Data. Further to this clause 42.3.5 (f) indicates the standing data that will be returned via a NMI Standing Data search.</p> <p>Noted</p>
4.2		<p>The following proposed solution refers to the listed scope item ICF_005 - MC (NMI) Standing Data Search raised by Acumen Metering identified above; Section 42. ACCESS TO CATS STANDING DATA</p> <p><b><u>42.3.5 MC Standing Data Search – NMI Standing Data Access Rules</u></b></p> <p>(a) <u>This section 42.3.5 specifies the NMI Standing Data that is available to MCs who do not have Explicit Informed Consent from an End User.</u></p> <p>(b) <u>An MC must:</u></p> <p>(i) <u>Only carry out an MC Standing Data Search on any NMIs where they are the Current MC.</u></p> <p>(ii) <u>Only perform MC Standing Data Search activity for the purpose of responding to a</u></p>	<p><b>Momentum</b> Momentum supports the proposed change to add Section 42.3.5 to specify the MC Standing Data Search and related NMI Standing Data Access rules and the update to Table 42-K</p> <p><b>Intellihub</b> Excellent Idea!</p>	<p>Noted</p> <p>Noted</p>

		<p>request from a large customer/retailer to assist in the appointment of the MC.</p> <p><del>(c) The prospective MC must only carry out MC Standing Data Search for the purposes of initiating a change of the current MC role.</del></p> <p>(c) <u>The NMI Data Access Rules define:</u></p> <p>(i) <u>Which Role can initiate a request for NMI Standing Data.</u></p> <p>(ii) <u>Which standing data items will be returned when a request is submitted to MSATS.</u></p> <p>(d) <u>The NMI Data Access Rules may be defined by Jurisdiction.</u></p> <p>(e) <u>The NMI Standing Data items that would be returned to an MC in all Jurisdictions on a successful data access request are specified in Table 42-K.</u></p> <p><b><u>Table 42-K – Common NMI Standing Data items returned for an MC Standing Data Search.</u></b>          (The following data is based on the MSATS C7 report with the inclusion of Controlled Load and NMI Classification Code).</p> <table border="1" data-bbox="297 770 1494 1428"> <thead> <tr> <th><u>MSATS Name</u></th> <th><u>Data item description</u></th> <th><u>MSATS standing data table</u></th> </tr> </thead> <tbody> <tr> <td><u>Address</u></td> <td><u>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 name, street suffix, street type, Unstructured Address1, Unstructured Address2, Unstructured Address3, postcode, locality, and state.</u></td> <td><u>CATS NMI DATA</u></td> </tr> <tr> <td><u>ADL</u></td> <td><u>The electrical energy delivered through a connection point or metering point over an extended period normalised to a “per day” basis (kWh).</u></td> <td><u>CATS NMI DATA STREAM</u></td> </tr> <tr> <td><u>Controlled Load</u></td> <td><u>Indicates whether the energy recorded by this register is created under a Controlled Load regime.</u> <u>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.</u></td> <td><u>CATS REGISTER IDENTIFIER</u></td> </tr> <tr> <td><u>Customer Classification Code</u></td> <td><u>See section 4.10.1.</u></td> <td><u>CATS NMI DATA</u></td> </tr> <tr> <td><u>Customer Threshold Code</u></td> <td><u>See section 4.10.2.</u></td> <td><u>CATS NMI DATA</u></td> </tr> </tbody> </table>	<u>MSATS Name</u>	<u>Data item description</u>	<u>MSATS standing data table</u>	<u>Address</u>	<u>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 name, street suffix, street type, Unstructured Address1, Unstructured Address2, Unstructured Address3, postcode, locality, and state.</u>	<u>CATS NMI DATA</u>	<u>ADL</u>	<u>The electrical energy delivered through a connection point or metering point over an extended period normalised to a “per day” basis (kWh).</u>	<u>CATS NMI DATA STREAM</u>	<u>Controlled Load</u>	<u>Indicates whether the energy recorded by this register is created under a Controlled Load regime.</u> <u>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.</u>	<u>CATS REGISTER IDENTIFIER</u>	<u>Customer Classification Code</u>	<u>See section 4.10.1.</u>	<u>CATS NMI DATA</u>	<u>Customer Threshold Code</u>	<u>See section 4.10.2.</u>	<u>CATS NMI DATA</u>	<p><b>Ausnet</b></p> <p>AusNet Services supports this change on the basis it reflects the intent of the Power of Choice rule change and it requires no significant work to implement.</p> <p><b>Tango</b></p> <p>Agree – please refer to the tracked changes in the Proposed/Requested Changes.</p> <p><b>42.3.5 MC Standing Data Search – NMI Standing Data Access Rules</b></p> <p>(a) This section 42.3.5 specifies the <i>NMI Standing Data</i> that is available to MCs who do not have Explicit Informed Consent from an End User.</p> <p>(b) An MC must:</p> <p>(i) Only carry out an MC Standing Data Search on</p>	<p>Noted</p> <p>AEMO agreed with part of the suggested changes see details below:</p> <p>Accept the removal of the word “any”</p>
<u>MSATS Name</u>	<u>Data item description</u>	<u>MSATS standing data table</u>																				
<u>Address</u>	<u>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 name, street suffix, street type, Unstructured Address1, Unstructured Address2, Unstructured Address3, postcode, locality, and state.</u>	<u>CATS NMI DATA</u>																				
<u>ADL</u>	<u>The electrical energy delivered through a connection point or metering point over an extended period normalised to a “per day” basis (kWh).</u>	<u>CATS NMI DATA STREAM</u>																				
<u>Controlled Load</u>	<u>Indicates whether the energy recorded by this register is created under a Controlled Load regime.</u> <u>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.</u>	<u>CATS REGISTER IDENTIFIER</u>																				
<u>Customer Classification Code</u>	<u>See section 4.10.1.</u>	<u>CATS NMI DATA</u>																				
<u>Customer Threshold Code</u>	<u>See section 4.10.2.</u>	<u>CATS NMI DATA</u>																				

<a href="#">Datastream Status Code</a>	See section 4.11.	<a href="#">CATS NMI DATA STREAM</a>	<p><del>any</del> NMI's where they are the Current MC.</p> <p>(ii) Only perform MC Standing Data Search activity for the purpose of responding to a request from a large customer/retailer to assist in the appointment of the MC.</p> <p>(c) The prospective MC must only carry out <a href="#">a</a> MC Standing Data Search for the purposes of initiating a change of the current MC role.</p> <p><b>(d)</b> The NMI Data Access Rules define:</p> <p>(i) Which Role can initiate a request for <i>NMI Standing Data</i>.</p> <p>(ii) Which standing data items will be returned when a request is</p>	<p>Clause 42.3.5 (c) has been removed due to the requirements being covered under 42.3.5 (b) (i) and (ii).</p> <p>Renumbered remaining conditions.</p>
<a href="#">Datastream Type</a>	A code to indicate the type of data that the Datastream will report: includes interval and accumulation.	<a href="#">CATS NMI DATA STREAM</a>		
<a href="#">DLF Code</a>	A code representing the DLF.	<a href="#">CATS NMI DATA</a>		
<a href="#">Jurisdiction Code</a>	See section 4.5.	<a href="#">CATS NMI DATA</a>		
<a href="#">FRMP</a>	A code representing the identity of the FRMP.	<a href="#">CATS NMI PARTICIPANT RELATIONS</a>		
<a href="#">LNSP</a>	A code representing the identity of the LNSP.	<a href="#">CATS NMI PARTICIPANT RELATIONS</a>		
<a href="#">LR</a>	A code representing the identity of the LR.	<a href="#">CATS NMI PARTICIPANT RELATIONS</a>		
<a href="#">MDP</a>	A code representing the identity of the MDP (Category D).	<a href="#">CATS NMI PARTICIPANT RELATIONS</a>		
<a href="#">Meter Serial ID</a>	The serial number that uniquely identifies a meter for a given NMI.	<a href="#">CATS METER REGISTER</a>		
<a href="#">Metering Installation Type Code</a>	See section 4.12.	<a href="#">CATS METER REGISTER</a>		
<a href="#">MPB</a>	A code representing the identity of the MP (Category B).	<a href="#">CATS NMI PARTICIPANT RELATIONS</a>		
<a href="#">MPC</a>	A code representing the identity of the MDP (Category C).	<a href="#">CATS NMI PARTICIPANT RELATIONS</a>		
<a href="#">Multiplier</a>	Multiplier required to take a register value and turn it into a value representing billable energy.	<a href="#">CATS REGISTER IDENTIFIER</a>		
<a href="#">Network Tariff Code</a>	A code representing the Network Tariff.	<a href="#">CATS REGISTER IDENTIFIER</a>		
<a href="#">Next Scheduled Read Date</a>	The NSRD in date format.	<a href="#">CATS METER REGISTER</a>		
<a href="#">NMI Classification Code</a>	See section 4.9.	<a href="#">CATS NMI DATA</a>		
<a href="#">NMI Status Code</a>	See section 4.11.1	<a href="#">CATS NMI DATA</a>		
<a href="#">Register ID</a>	The register ID of the register that the Network Tariff Code and Network Tariff Code additional information refers to.	<a href="#">CATS REGISTER IDENTIFIER</a>		
<a href="#">Register Identifier Status Code</a>	A lookup code to indicate if register is active.	<a href="#">CATS REGISTER IDENTIFIER</a>		

	<u>ROLR</u>	<u>A code representing the identity of the ROLR.</u>	<u>CATS_NMI_PARTICIPANT_RELATION</u> <u>S</u>	<p>submitted to MSATS.</p> <p>(e) The NMI Data Access Rules may be defined by Jurisdiction.</p> <p>(f) The <i>NMI Standing Data</i> items <del>that would be</del> returned to an MC in all Jurisdictions on a successful data access request are specified in Table 42-K.</p> <p><b>Table 42-K – Common NMI Standing Data items returned for an MC Standing Data Search.</b> (The following data is based on the MSATS C7 report with the inclusion of Controlled Load and NMI Classification Code).</p> <p><b>Origin Energy</b> Origin Energy do not have an issue with MP’s wanting to seek this information however would like clarification on why the FRMP is included? As the MC/MP are going to be</p>	<p>Accept the removal of the words “that would be”</p> <p>AEMO notes that FRMP information is returned due to the ability of a customer directly engaging a MC and the MC may not be aware of who the FRMP is.</p>
	<u>RP</u>	<u>A code representing the identity of the MC.</u>	<u>CATS_NMI_PARTICIPANT_RELATION</u> <u>S</u>		
	<u>Time Of Day</u>	<u>Industry developed Codes to identify the time validity of register contents.</u>	<u>CATS_REGISTER_IDENTIFIER</u>		
	<u>TNI Code</u>	<u>A code representing the transmission node identifier.</u>	<u>CATS_NMI_DATA</u>		
	<u>Unit of Measure</u>	<u>A code to identify the Unit of Measure (UOM) for data held in this register.</u>	<u>CATS_REGISTER_IDENTIFIER</u>		



			<p>appointed they would know who the FRMP is.</p> <p><b>AGL</b> AGL supports the change.</p> <p><b>Ausgrid</b> No Comment.</p> <p><b>PlusES</b> As above, changes to the NMI Discovery rules should include changes for the ENM Role. Adding the Embedded Network Code to the existing list of discoverable information would remove requests between the ENM and LNSP. The ENM is responsible for creating Embedded Network NMIs in the market and requires the below information from the Parent NMI. Allowing the ENM to perform NMI Discovery would allow the information to be found automatically:</p> <ul style="list-style-type: none"> <li>• Parent FRMP</li> <li>• Parent TNI</li> <li>• Parent DLF</li> </ul>	<p>Noted</p> <p>Noted</p> <p>AEMO notes the proposed change is not minor/manifest &amp; is also not under consultation. An ICF is required for any additional changes.</p>
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			<ul style="list-style-type: none"> <li>• Parent Embedded Network Code</li> </ul> <p><b>Vector</b> Proposed 42.3.5(c) appears to contradict 42.3.5(b)(i). If this is the case the suggest removing both these clauses leaving 42.3.5(b)(ii) which appears to cover both intents.</p> <p><b>Endeavour Energy</b> We note that clause 42.2.f states that (emphasis added) “An MC may seek access to NMI Standing Data from MSATS in accordance with section 42.3.5 <b>only for the purpose of identifying the NMI Classification of ‘LARGE’ in order to arrange a change of MC.</b>” However clause 42.3.5.a suggests that a MC may access NMI Standing Data when the MC does not have Explicit Informed Consent from an End User. Given the purpose described in clause 42.2.f, shouldn’t the MC only be allowed access to NMI Standing Data when</p>	<p>AEMO agrees with the following response suggestion, Clause 42.3.5 (c) has been removed due to the requirements being covered under 42.3.5 (b) (i) and (ii).</p> <p>Clause 42.2 (f) indicates the eligibility condition where a MC can request NMI Standing Data. Further to this clause 42.3.5 (f) indicates the standing data that will be returned via a NMI Standing Data search. No change required</p> <p>The requirement for Explicit Informed Consent as defined in the Retail Electricity Market Procedures – Glossary And Framework doesn’t apply to MCs.</p>
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			they have Explicit Informed Consent from the large customer to change the MC?	Noted
			<b>Energy Queensland</b> Energy Queensland offers no comment.	
<b>5</b>				
5.1	ICF_006	<p>The following proposed solution refers to the listed scope item ICF_006 – Network Tariff Allocation by MPBs raised by Acumen Metering identified above;</p> <p><b>Section 2. OBLIGATIONS BY ROLE</b></p> <p><b>2.3 Local Network Service Provider</b></p> <p>The New LNSP must:</p> <ul style="list-style-type: none"> <li>(a) Initiate a Create NMI Change Request within 2 <i>business days</i> of a request by a FRMP, or of the mandatory information required by the Change Request becoming available, whichever is the later..</li> <li>(b) Consider and action as necessary within two <i>business days</i> any requests from incorrectly assigned Participants to correct a Create NMI Change Request in MSATS.</li> </ul> <p>The Current LNSP must:</p> <ul style="list-style-type: none"> <li>(c) Allocate a NMI and NMI Checksum for each <i>connection point</i> in accordance with the NMI Procedures and clause 7.13.2 of the NER.</li> <li>(d) Provide an update of the ADL 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.</li> <li>(e) Update the Customer Threshold Code within five <i>business days</i> of becoming aware that the existing Customer Threshold Code is incorrect for NMIs with a Customer Classification Code of 'BUSINESS' and a NMI Status Code of 'A', or 'D'.</li> </ul>	<p><b>Momentum</b></p> <p>Momentum supports Item 5.1 ICF_006 which introduces an additional obligation on the LNSP to resolve the issues with the Retail business where the NTC value in the Change Request lodged by the MDP is not what was originally provided by the LNSP in response to the 'allocate NMI' Service Order Request from the Retail Business..</p> <p><b>Energy Australia</b></p> <p>EnergyAustralia supports the clarity provided by this change.</p> <p>Suggested change to wording below (replace "or" with "and"); this clarifies that if the LNSP is making a</p>	<p>Noted</p> <p>The clause drafting is adequate, it supports the LNSP obligation to change the network tariff code, accept the updated network tariff code or contact the FRMP where</p>

		<p>(f) Update or remove, as required, the Customer Threshold Code for a NMI within five <i>business days</i> of the Customer Classification Code being changed to ‘RESIDENTIAL’.</p> <p>(g) Provide DLF Codes and values to AEMO for the initial population of the DLF Code in MSATS.</p> <p>(h) Update NMI Status Code to ‘D’ within five <i>business days</i> of the <i>connection point</i> being de-energised by the LNSP. The Proposed Change Date shall be the day after the de-energisation for an Interval Metered <i>connection point</i> or the day of the de-energisation for a Accumulation Metered <i>connection point</i>.</p> <p>(i) Update the NMI Status Code to ‘A’ (Active) within five <i>business days</i> of the <i>connection point</i> being re-energised by the LNSP. The Proposed Change Date shall be the day the <i>connection point</i> is re-energised.</p> <p>(j) Update the NMI Status Code to ‘X’ (Extinct) within five <i>business days</i> of becoming aware of the abolition of the <i>connection point</i>. The Proposed Change Date shall be the day after the <i>connection point</i> was removed for an Interval Metered <i>connection point</i> or the day of the removal for an Accumulation Metered <i>connection point</i>.</p> <p><u>(k)</u> Ensure that Network Tariff details for each <i>NMI</i> in its area are stored in the Network Tariff Code field at the Register ID level.</p> <p><del>(k)</del><u>(l)</u> <a href="#">Correct the network tariff code or engage with the current FRMP to confirm an appropriate network tariff code where the <b>current</b> LNSP considers <b>that</b> the network tariff code is inappropriate for the site in MSATS.</a></p> <p><del>(k)</del><u>(m)</u> Subject to any applicable Jurisdictional restrictions, use reasonable endeavours to provide <i>NMI</i> and NMI Checksum (other than when this is available via a NMI Discovery Search) to the New FRMP within one <i>business day</i> of a follow-up request for this information from the New FRMP for a Site identified in the request by reference to any of the following:</p> <ul style="list-style-type: none"> <li>(i) a unique meter identifier held by the LNSP;</li> <li>(ii) a street address; or</li> <li>(iii) the DPID.</li> </ul> <p>If a computer search by the LNSP does not produce a unique match for the information provided by the <i>retailer</i>, the LNSP must provide the <i>retailer</i> with any computer matches achieved up to a maximum of 99.</p>	<p>tariff change it should notify the FRMP.</p> <p>(l) Correct the network tariff code <del>or</del> <b>and</b> engage with the current FRMP to confirm an appropriate network tariff code where the Current LNSP considers that the network tariff code is inappropriate for the site in MSATS.</p> <p><b>Intellihub</b> What another great Idea!</p> <p><b>Ausnet</b> AusNet Services supports the intent of this change. However, we do not agree with implementing this change in 20 May 2019. This is too soon after the B2B Procedure “life support” changes to implement. We recommend deferring this system change to the implementation date of the DER register or to align with MSATS Standing Data review changes later in 2019.</p>	<p>required. No change to current drafting.</p> <p>Noted</p> <p>Noted</p>
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		<p><del>(n)</del>(n) Subject to any applicable Jurisdictional restrictions, provide <i>NMI Standing Data</i> (other than data available via a NMI Discovery Search or the MSATS C7 report) to the New FRMP within two <i>business days</i> of a request from the New FRMP for a Site identified in the request by reference to the <i>NMI</i> and <i>NMI Checksum</i>.</p> <p><del>(o)</del>(o) Consider and action as necessary within two <i>business days</i> any requests from incorrectly assigned Participants to correct a Create NMI Change Request in MSATS.</p> <p><del>(p)</del>(p) Consider and action as necessary within two <i>business days</i> any requests from other Participants to correct erroneous <i>NMI Standing Data</i>.</p> <p><del>(q)</del>(q) Allocate a name to the Parent NMI and provide the name to AEMO.</p> <p>The Current LNSP may:</p> <p><del>(r)</del>(r) Update the Customer Threshold Code for <i>NMIs</i> with a Customer Classification Code of 'RESIDENTIAL'.</p>	<p><b>Tango</b></p> <p>The following proposed solution refers to the listed scope item ICF_006 – Network Tariff Allocation by MPBs raised by Acumen Metering identified above;</p> <p>Section 2. OBLIGATIONS BY ROLE</p> <p><b>2.3 Local Network Service Provider</b></p> <p>The New LNSP must:</p> <p>(a) Initiate a Create NMI Change Request within 2 <i>business days</i> of a request by a FRMP, or of the mandatory information required by the Change Request becoming available, whichever is the later..</p> <p>(b) Consider and action as</p>	<p>AEMO agree with part of the proposed changes as detailed below:</p>
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			<p>necessary within two <i>business days</i> any requests from incorrectly assigned Participants to correct a Create NMI Change Request in MSATS.</p> <p>The Current LNSP must:</p> <p>(c) Allocate a NMI and NMI Checksum for each <i>connection point</i> in accordance with the NMI Procedures and clause 7.13.2 of the NER.</p> <p>(d) Provide an update of the ADL to the Current MDP where the LNSP becomes aware of an expected change in the ADL of greater than 20%,</p>	
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			<p>other than by advice from the MDP.</p> <p>(e) Update the Customer Threshold Code within five <i>business days</i> of becoming aware that the existing Customer Threshold Code is incorrect for NMI with a Customer Classification Code of 'BUSINESS' and a NMI Status Code of 'A', or 'D'.</p> <p>(f) Update or remove, as required, the Customer Threshold Code for a NMI within five <i>business days</i> of the Customer Classification Code being</p>	
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			<p>changed to 'RESIDENTIAL'.</p> <p>(g) Provide DLF Codes and values to AEMO for the initial population of the DLF Code in MSATS.</p> <p>(h) Update NMI Status Code to 'D' within five <i>business days</i> of the <i>connection point</i> being de-energised by the LNSP. The Proposed Change Date shall be the day after the de-energisation for an Interval Metered <i>connection point</i> or the day of the de-energisation for a Accumulation Metered <i>connection point</i>.</p>	
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			<p>(i) Update the NMI Status Code to 'A' (Active) within five <i>business days</i> of the <i>connection point</i> being re-energised by the LNSP. The Proposed Change Date shall be the day the <i>connection point</i> is re-energised.</p> <p>(j) Update the NMI Status Code to 'X' (Extinct) within five <i>business days</i> of becoming aware of the abolition of the <i>connection point</i>. The Proposed Change Date shall be the day after the <i>connection point</i> was removed for an Interval Metered <i>connection point</i> or the day of the removal for an</p>	
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			<p>Accumulation Metered <i>connection point.</i></p> <p>(k) Ensure that Network Tariff details for each <i>NMI</i> in its area are stored in the Network Tariff Code field at the Register ID level.</p> <p><del>(k)(l)</del> <u>Correct the network tariff code or Engage with the current FRMP to confirm an appropriate network tariff code where the Current LNSP considers that the network tariff code is inappropriate for the site and subsequently correct the network tariff code in MSATS.</u></p>	<p>AEMO doesn't agree with the proposed suggestion to remove the words "Correct the network tariff code or"</p> <p>AEMO agrees with the proposed suggestion to remove the words "Current" and "that"</p> <p>AEMO doesn't agree with the proposed suggestion to include the words "and subsequently correct the network tariff code"</p> <p>The clause drafting is adequate, it supports the</p>
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			<p><u>(+)(m)</u> Subject to any applicable Jurisdictional restrictions, use reasonable endeavours to provide <i>NMI</i> and NMI Checksum (other than when this is available via a NMI Discovery Search) to the New FRMP within one <i>business day</i> of a follow-up request for this information from the New FRMP for a Site identified in the request by reference to any of the following:</p> <ul style="list-style-type: none"> <li>(iv) a unique meter identifier held by the LNSP;</li> <li>(v) a street address; or</li> <li>(vi) the DPID.</li> </ul>	<p>LNSP obligation to change the network tariff code, accept the updated network tariff code or contact the FRMP.</p>
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			<p>If a computer search by the LNSP does not produce a unique match for the information provided by the <i>retailer</i>, the LNSP must provide the <i>retailer</i> with any computer matches achieved up to a maximum of 99.</p> <p><del>(m)</del>(n) Subject to any applicable Jurisdictional restrictions, provide <i>NMI Standing Data</i> (other than data available via a NMI Discovery Search or the MSATS C7 report) to the New FRMP within two <i>business days</i> of a request from the New FRMP for a Site identified in</p>	
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			<p>the request by reference to the <i>NMI</i> and NMI Checksum.</p> <p><del>(n)</del>(o) Consider and action as necessary within two <i>business days</i> any requests from incorrectly assigned Participants to correct a Create NMI Change Request in MSATS.</p> <p><del>(e)</del>(p) Consider and action as necessary within two <i>business days</i> any requests from other Participants to correct erroneous <i>NMI Standing Data</i>.</p> <p><del>(p)</del>(q) Allocate a name to the Parent NMI and provide the name to AEMO.</p>	
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			<p>The Current LNSP may:</p> <p>Update the Customer Threshold Code for <i>NMIs</i> with a Customer Classification Code of 'RESIDENTIAL'.</p> <p><b>Origin Energy</b> Origin Energy agree with this proposal.</p> <p>No system impacts and minor changes need to be made to processes.</p> <p>Will seek feedback from LNSP's to see if contact can be made via OWN to advise of the intended NTC change.</p> <p><b>AGL</b> AGL supports the change.</p> <p><b>Ausgrid</b> Ausgrid is concerned by this clause revision. The proposed change would put an unreasonable onus on LNSPs to correct a MP allocated network tariff which does not meet published tariff requirements, with no</p>	<p>Noted</p> <p>Noted</p> <p>AEMO does not consider this requirement will provide an unreasonable onus on the LNSP to maintain their network tariff codes. This clause</p>
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			<p>commensurate obligation on the Metering Provider or FRMP to provide sufficient information to support an accurate allocation by the LNSP. It is recommended that further thought is given to:</p> <ol style="list-style-type: none"> <li>1. Increasing the obligations on FRMP, MC and MP participants to apply tariffs in MSATS transactions in accordance with the LNSP's published tariff guidelines, and increase communication obligations between the FRMP, MC and MP, to ensure the MP can assign the appropriate tariff when conducting metering works; or</li> <li>2. Develop an industry wide protocol covering the minimum information to be sent to the LNSP so that an assessment of the LNSP has sufficient information to correct tariff in accordance with this proposed change.</li> </ol>	<p>does not mandate that the LNSP need to do anything, it is just providing the LNSP the option of correcting the network tariff or liaising with the FRMP.</p> <p>No change made to the current drafting</p>
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			<p><b>PlusES</b></p> <p>This proposal does not resolve the root cause where Network Tariffs are incorrectly allocated, it merely passes the obligation back to the LNSP to correct MPB errors. If the market requires the LNSP to update Network Tariffs then the MPB should provide a 'Register Utilisation Code' against each RegisterID:</p> <ul style="list-style-type: none"> <li>• Load Type (Consumption, Generation, Switched Circuit, Not Applicable)</li> <li>• Load Sub Type (CL1, CL2, Net, Gross etc)</li> </ul> <p>The above would be a defined list of values agreed by industry.</p> <p>The LNSP would then automatically apply a Tariff to the RegisterID using their Network Rules. The LNSP is best placed to update Network Tariffs on an ongoing basis as they hold all reference data required to correctly allocate the Tariff.</p>	<p>AEMO note that the proposed change is not minor/manifest &amp; is also not under consultation. An ICF is required for any additional changes.</p>
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			<p>The embedded file is an example of codes that could be used within the existing structures for the LNSP to update the Network Tariff. The Register Utilisation Code could be placed into the Network Tariff field until the LNSP updates. AEMO would report against the LNSP to ensure these codes are being updated.</p>  <p>Register Utilisation Codes v0.1.xlsx</p> <p><b>Vector</b> VectorAMS supports this change.</p> <p><b>Endeavour Energy</b> We note that AEMO’s Information Change Paper for this matter describes the issue as: “MPs have no visibility whether the necessary network tariff re-assignment steps have been performed by the FRMP and authorisation from DNSP has been provided prior</p>	<p>Noted</p> <p>AEMO disagrees with the suggested changes. AEMO notes there is no requirement or obligation for the Retailer to mirror the Network tariff in their arrangement with the customers – AEMO notes no supportive data or</p>
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			<p>receiving a request for changes that result in a change of the NTC in MSATS.”</p> <p>The issue statement highlights that the Retailer has an important role in this process and therefore can help to resolve the issue by communicating the network tariff approved by the Network to the Metering Provider.</p> <p>The proposed clause 2.3.I is a solution that requires reactive action. We suggest additional changes to make the market process more efficient by defining proactive actions.</p> <p>We note that more network tariff options are being made available to customers. Ideally Retailers are engaging with the customer to determine the most appropriate retailer tariff, which would have an underlying network tariff. This network tariff, once authorisation from the Network has been provided, should be communicated to the Metering Provider to</p>	<p>evidence to demonstrate the inclusion of additional clauses will lead to greater efficiency.</p>
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			<p>populate in MSATS. This would help to minimise the need to correct or engage with the Retailer for network tariff codes that are obviously inappropriate. In addition, for networks where explicit prior authorisation is not required it would help to eliminate network billing disputes for scenarios where the network tariff is appropriate for the customer (because it is one of the network tariff option available to that customer) but it is not the network tariff that the Retailer wanted – that is, it is not obvious to the network that the network tariff is inappropriate.</p> <p>We suggest adding the following:</p> <p>New clause 2.2.r: provide the network tariff code to the MC to populate in MSATS</p> <p>New clause 2.6.k: provide the network tariff code to the MP to populate in MSATS</p> <p>We acknowledge that our suggested new clauses do</p>	
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			<p>not require direct interaction with MSATS, but believe they are still appropriate for this procedure because they ultimately support an obligation on the Metering Provider who is required to populate the network tariff code when updating metering details in MSATS. We see that these suggested new clauses are similar in nature to the exist clause 2.2.o where an obligation that do not require direct interaction with MSATS is defined in order to support another participant to meet their obligations to update MSATS.</p> <p><b>Energy Queensland</b>          Energy Queensland comment provided below:          Energy Queensland's network businesses, Energex and Ergon Energy, have developed and implemented a new approach to manage the allocation of network tariff codes (NTCs). While the</p>	<p>Noted</p>
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			<p>responsibility remains for the LNSP to validate the NTC allocated for the site, in the interests of efficiency, it is important for the instructing retailer to identify and communicate the appropriate NTC to their nominated Metering Provider prior to establishment of the NMI to avoid the consequences of incorrect NTC allocation.</p>										
<p>Not in Original Document</p>		<p><b>4.11.4 Register Identifier Status Codes</b></p> <p>(a) The Register Identifier Status Code indicates if a Meter Register is active.</p> <p>(b) The Register Identifier Status Codes are C and R and are defined in <a href="#">Table 4-KM</a><del>Table 4-KK</del>.</p> <p><b>Table 4-<del>KM</del><del>K</del> – Register Identifier Status Codes</b></p> <table border="1" data-bbox="297 1182 1496 1310"> <thead> <tr> <th>Code</th> <th>Name</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Current</td> <td>Applies when a Meter Register at the <i>NMI</i> is current, i.e. connected to a <i>connection point</i>.</td> </tr> <tr> <td>R</td> <td>Removed</td> <td>Applies when a Meter Register at the <i>NMI</i> is removed, i.e. not connected to a <i>connection point</i>.</td> </tr> </tbody> </table>	Code	Name	Description	C	Current	Applies when a Meter Register at the <i>NMI</i> is current, i.e. connected to a <i>connection point</i> .	R	Removed	Applies when a Meter Register at the <i>NMI</i> is removed, i.e. not connected to a <i>connection point</i> .	<p><b>Endeavour Energy</b></p> <p><b>4.11.4</b></p> <p>Typo: The table should be 4-K. Remove the extra 'K'.</p>	<p>AEMO agrees with the suggested change and has update the table name to Table 4-K.</p>
Code	Name	Description											
C	Current	Applies when a Meter Register at the <i>NMI</i> is current, i.e. connected to a <i>connection point</i> .											
R	Removed	Applies when a Meter Register at the <i>NMI</i> is removed, i.e. not connected to a <i>connection point</i> .											

## 4.2 Proposed Changes to the WIGS Procedure

Item	QC ID	Description	Participant Comments	AEMO Response
1		<b>MINOR &amp; MANIFEST CHANGES</b>		
1.1	N/A	<b>Effective Date of the WIGS Procedures</b> The proposed effective date of the WIGS Procedures is 20 May 201 <del>8</del> <sup>9</sup> .	<p><b>Momentum</b> Momentum supports the minor changes to WIGS Procedure</p> <p><b>Intellihub</b> Date should be 20 May 2019?</p> <p><b>Tango</b> Refer to the change marked date.</p> <p><b>Effective Date of the WIGS Procedures</b> The proposed effective date of the WIGS Procedures is 20 May <del>2018</del><sup>2019</sup>.</p> <p><b>AGL</b> AGL supports the change.</p> <p><b>Ausgrid</b></p>	<p>Noted</p> <p>AEMO notes the error with the proposed effective date of the WIGS Procedures and has update the date to 20 May 2019.</p> <p>Noted</p> <p>Noted</p> <p>Noted</p>



Item	QC ID	Description	Participant Comments	AEMO Response
			<p>Effective date should be 20 May 2019 (not 2018).</p> <p><b>PlusES</b> No Comment</p> <p><b>Energy Queensland</b> Energy Queensland offers no comment.</p>	<p>Noted</p> <p>Noted</p>