

FINAL DETERMINATION

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







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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 AEMO has revised these procedures a number of times.

The implemented process improvements consulted upon have been finalised in the below 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.

1.1 Scope of Changes

The changes consulted upon were 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 changes to the CATS Procedure, WIGS Procedure and associated MSATS configuration rules (if any). The changes have been developed, discussed with the Electricity Retail Consultative Forum (ERCF). The changes have an **effective date of 20 May 2019**.



2. Purpose of this document

This document details the 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.

This notice informs all Registered Participants and interested parties (Consulted Persons) that AEMO has completed a consultation on the Market Settlement and Transfer Solution (MSATS) Procedures version 4.6:

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

This consultation was conducted in accordance with the Rules consultation requirements detailed in clause 8.9 of the NER.

These procedures will commence on the 20 May 2019.



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	Complete
Participant submissions are to be provided to AEMO	01/10/2018	12/10/2018	Complete
AEMO considers all valid submissions and shall create the Final Determination report (including the change marked and clean versions of the MSATS Procedure version 4.6).	15/10/2018	22/11/2018	Complete
AEMO Publish Final Determination	23/11/2018	23/11/2018	
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: <u>All proposed additions to the MSATS Procedures are highlighted in red colour text and are underlined.</u> All proposed deletions from the MSATS Procedures are highlighted in red strike through text. Example: Reference.

4.1 **Proposed Changes to the CATS Procedure**

ltem	ICF or Change ID	Description	n															Participant Comments	AEMO Response
1		PROPOSE	POSED / REQUESTED CHANGES																
1.1	ICF_00 2	to MSATS I	owing proposed solution refers to the listed scope item ICF_002 - Post PoC Up TS Procedures – Objections raised by Tango Energy identified above:													pdates	intelliHUB/ Acumen No Comment	Noted	
		9.8. Obj	on 9. Change Retailer Embedded Networks Objection Rules												tion	Red Energy and Lumo Energy Red Energy and Lumo	Noted		
		Codes indica	'Yes' Roles specified in Error! Reference source not found. may Object using the Objection les indicated against their Roles within the Objection Logging Period specified in Table 9-A.													Energy support the proposal to amend the use of objection codes.			
		CR 1080 – Cha	-													_	_	We also agree with comments raised by	
		Objection Code	on NMI Jur'n FRMP LR MDP MPB RoLR RP I											LN N	-	Momentum during first stage consultation and			
		BADMETER	ALL	ALL	-	-	-	Yes	Yes			-	-		-	-	-		



NOTAPRD	AL 1	A1 1				Vac											support AEMO's proposed
	ALL	ALL	-	-	-	Yes	-	-	-	-	-	-	-	-	-	-	support AEMO's proposed amendments.
BADPARTY	ALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-	unenaments.
		NS₩					~							Yes			
DECLINED	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes		-	-	
	LARGE	NSW												Yes			
NOACC	SMALL		-	-	-		Yes	Yes	-	-	-	-	-	-	-	-	
DEBT	SMALL		-	Yes	-	-	-	-	-	-	-	-	-	-	-	-	
CONTRACT			-	-	-	-	-	-	-	-	-	-	-	Yes	-	-	
CR 1081 – Ch	-		_		-		-									_	
Objection Code	NMI Class	Jur'n			LR		MDP		MPB		RoL		RP		-	SP	
			Ν			С	N		Ν	С	Ν	С	N	С	Ν	С	
BADMETER			-	-	-		Yes	Yes			-	-		-	-	-	
BADPARTY	SMALL		-	-	-	-	-	-	-	-	-	-	Yes	-	-	-	
DECLINED	SMALL		-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-	
NOTAPRD	SMALL		-	-	-	Yes	-	-	-	-	-	-	-	-	-	-	
DATEBAD	SMALL		-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-	
DEBT	SMALL		-	Yes	-	-	-	-	-	-	-	-	-	-	-	-	
RETRO	SMALL		-	Yes	-	-	-	-	-	-	-	-	-	-	-	-	
CONTRACT			-			-	-	-	-	-	-	-	-	Yes	-	-	
CR 1082 – Ch	-		_			-		Error								_	
Objection Code	NMI Class	Jur'n			LR		MDP		MPB			LR	RP			ISP	
				С	Ν			C	N	С	Ν	С	N	С	Ν	С	
DATEBAD	ALL	ALL	-	-	-	-			-	-	-	-	-	-	-	-	
BADMETER	ALL	ALL	-	-	-		Yes	Yes			-	-		-	-	-	
BADPARTY	ALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-	
	LARGE	NSW												Yes			
DECLINED	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-	
	LARGE	NSW												Yes			
NOTAPRD	ALL	ALL	-			Yes	-	-	-	-	-	-	-	-	-	-	
DEBT	SMALL	VIC	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-	



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		RETRO	SMALL	NSW SA	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
				VIC														
		CONTRACT	LARGE	ALL	-		-	-	-	-	-	-	-	-	-	Yes	-	-
		CR 1083 – Cha	inge Retai	ler Child	NMI	– Move	e-In											
		Objection	NMI	Jur'n			LR	र	MDP		MPB		RoL	R	RP		LN	SP
		Code	Class	our n		С		c	N	с	N	С	N	С	N	с	N	
		BADMETER	ALL	ALL		-		•	Yes	Yes		Ū				-	-	
		BADPARTY	ALL	ALL	-	-	-		163	163			-	-	Yes	-	-	-
		DADFAILT	LARGE	ALL NSW		-	-	-	-	-	-	-	-	-	105	- Yes	-	-
		DECLINED	ALL	ALL					Yes						Yes			
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		NOTADDD	LARGE	NSW				Ver								Yes		
		NOTAPRD	ALL	ALL	-	-	-	Yes	-	-	-	-	-	-	-	-	-	-
		NOACC	SMALL		-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
		CONTRACT	LARGE		-	-	-	-	-	-	-	-	-	-	-	Yes	-	-
		CR 1084 – Cha	-							/e								
		Objection Code	NMI Class	Jur'n			LR		MDP		MPB		RoL	.R	RP		LN	SP
			Class		Ν	С	Ν	С	Ν	С	Ν	С	Ν	С	Ν	С	Ν	С
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				ALL ALL	N - -	C - -	N - -	C -			N -	с -	N - -	C - -	N Yes	C - -	N - -	C - -
		BADMETER	ALL		N - -	C - -	- -	-			N -	С -	N - -	С - -	N Yes	C - - Yes	N - -	C - -
		BADMETER	ALL ALL	ALL	N - -	C - -	N - - -	- -			N - -	с - -	N - -	C - - -	N Yes Yes		N - -	C - - -
		BADMETER BADPARTY	ALL ALL LARGE	ALL NSW	N - -	- - -	N - -	- -	Yes -		N - -	- -	N - -	- - -		- - Yes	N - -	C - -
		BADMETER BADPARTY	ALL ALL LARGE ALL	ALL NSW ALL	N - - -	- - -		C - - Yes	Yes -		N - -	- - -	N - - -	C - - -		- - Yes -	N - - -	C - - -
		BADMETER BADPARTY DECLINED	ALL ALL LARGE ALL LARGE	ALL NSW ALL NSW	N - - - -	C - - - -		-	Yes -		N - - -	C - - -	N - - - -	C - - - -		- - Yes -	N - - - -	C - - - - -
		BADMETER BADPARTY DECLINED NOTAPRD	ALL ALL LARGE ALL LARGE ALL	ALL NSW ALL NSW	N - - - - -	C - - - - -		-	Yes - Yes -	Yes - -	N - - - -	C - - - -	N - - - - -	C - - - - - - -		- - Yes -	N - - - - -	C - - - - -
		BADMETER BADPARTY DECLINED NOTAPRD DATEBAD	ALL ALL LARGE ALL LARGE ALL ALL	ALL NSW ALL NSW ALL ALL	N - - - - - - - -	C - - - - - - - - - - -		-	Yes - Yes - Yes	Yes - - Yes	N - - - - -	C - - - - - - -	N - - - - - - - - -	C - - - - - - - - - - - -		- - - - - - - -	N - - - - - - - -	- - - -
		BADMETER BADPARTY DECLINED NOTAPRD DATEBAD NOACC	ALL ALL LARGE ALL LARGE ALL ALL SMALL LARGE	ALL NSW ALL NSW ALL ALL ALL	N - - - - - -	C - - - - - - -		-	Yes - Yes - Yes	Yes - - Yes	N - - - - - -	C - - - - - -	N - - - - - - - - -	C - - - - - - -		- - - - - - - - -	- - - -	- - - -
2		BADMETER BADPARTY DECLINED NOTAPRD DATEBAD NOACC CONTRACT ** N = New Role,	ALL ALL ALL ALL ALL ALL SMALL LARGE C = Current	ALL NSW ALL ALL ALL ALL ALL Role.		- - - -	-	- - Yes - -	Yes - Yes Yes - Yes	Yes - - Yes Yes -	N - - - - -	-	- - - -		Yes - - -	- - ¥es - ¥es - - - - Yes		- - - -
1.2	ICF_00	BADMETER BADPARTY DECLINED NOTAPRD DATEBAD NOACC CONTRACT ** N = New Role,	ALL ALL ALL ALL ALL ALL SMALL LARGE C = Current	ALL NSW ALL ALL ALL ALL ALL Role.	- - - - - - -	- - - - -	- - - -	- Yes - - -	Yes - Yes - Yes - e liste	Yes - - Yes - Yes -		- - - - -	- - - - CF_(- - - - - - - - -	Yes - - - - - - Pos	- - - - - - - - - - - Yes		- - - -
1.2	ICF_00 2	BADMETER BADPARTY DECLINED NOTAPRD DATEBAD NOACC CONTRACT ** N = New Role,	ALL ALL ALL ALL ALL ALL ALL SMALL LARGE C = Current	ALL NSW ALL ALL ALL ALL ALL Role.	- - - - oluti Obje	- - - - - - - - - - - - -	- - - - srees	- Yes - - - s to thaised	Yes - Yes - Yes - e liste by Ta	Yes - - Yes - Yes - ed sc ango	Energ	- - - - tem l0 gy ide	- - - - - CF_(- - - - - - - - - - - - - - - - - - -	Yes - - - - - Pos	- - Yes - Yes Yes St Po(- - - - - -	- - - - - -



	18.7 Obj	, 																Red Energy and Lumo Energy Red Energy and Lumo	Noted
	The 'Yes' Ro Roles within	the Obje	ection Lo	oggin								n Co	des i	ndica	ated	agai	nst their	Energy support the proposal to amend the use of objection codes.	
	Table 18-B- C	•																We also agree with	
	CR 3080 – Adv	anced Ch	ange Met	ering	Installa	ation	Detail	S										comments raised to extend	
	Objection	NMI	Jur'n	FRM	lΡ	LR		MDP		MPB		R	OLR	F	RP	LN	SP	this to CR3090/91 in respect	
	Code	Class		Ν	С	Ν	С	Ν	С	Ν	С	N	С	N	I C	Ν	С	to Advance Exchange of	
	DECLINED	ALL	ALL	-	-	-	-	Yes	-	Yes	-	-	-	-	-	-	-	Metering. We offer no	
	CR 3081 – Adv	anced Ch	ange Met	ering	installa	ation	Detail	s – Rei	trospe	ctive								reason as to why	
	Objection	NMI	Jur'n	FRI	lΡ	LR		MDP		MPB		R	OLR	RF)	LN	SP	Queensland should not be	
	Code	Class		Ν	С	Ν	С	N	С	Ν	С	N	С	Ν	С	Ν	С	included.	
	DECLINED	ALL	ALL	-	-	-	-	Yes	-	Yes	-	-	-	-	-	-	-		
	BADDATA	ALL	NSW VIC	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-		
			SA <u>ALL</u>																
	** N = New Role, 0	C = Current	Role																
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		jection			10 P	' mo	v Ohi	ootus	ing th	na Ohia	ootio	n C a	doo ii	ndior	atad	ogoi	not their		
	The 'Yes' Ro Roles within	oles spec the Obje	cified in ection Lo	Table oggin								n Co	des i	ndica	ated	agai	nst their		
	The 'Yes' Ro Roles within Table 19-C –	oles spec the Obje Objectio	cified in [*] ection Lo n Rules *	Table oggin	g Peri							n Co	des i	ndica	ated	agai	nst their		
	The 'Yes' Ro Roles within Table 19-C – CR 3090 – Adva Objection	oles spec the Obje Objectio	cified in [*] ection Lo n Rules *	Table oggin	g Peri ring		specif		Table	е 19-А́. МРВ		RoLF	۲ ۱	ndica		agai			
	The 'Yes' Ro Roles within Table 19-C – T CR 3090 – Adv Objection Code	oles spec the Obje Objectio vanced Ex NMI Class	cified in ection Lo n Rules change o	Table oggin f Mete	g Peri ring ^{//P}	iod s LR N	specif	ied in MDP	Table	e 19-Å. MPB N			۲ ۱	۲P		-	5		
	The 'Yes' Ro Roles within Table 19-C – T CR 3090 – Adv Objection Code DECLINED	Oles spec the Obje Objectio vanced Exc NMI Class ALL	cified in ection Lo n Rules change o Jur'n ALL	Table oggin f Mete FRN N	g Peri ring MP C I	iod s LR N -	specif C M	ied in MDP N Yes	Table	е 19-А́. МРВ		RoLF	۲ ۱	۲P		LNSI	5		
	The 'Yes' Ro Roles within Table 19-C – T CR 3090 – Adv Objection Code DECLINED CR 3091 – Adv	Oles spec the Objectio Cobjectio vanced Exc NMI Class ALL vanced Exc	ction Lo n Rules change o Jur'n ALL change o	Table oggin f Mete FRN N - f Mete	g Peri ring MP C - ring –	LR N - Retro	C N	MDP N Yes ive	Table	MPB N Yes		RoLF N (R I C N - ·	RP (C I -	LNSI N C	D 2 -		
	The 'Yes' Ro Roles within Table 19-C – T CR 3090 – Adv Objection Code DECLINED	Oles spec the Obje Objectio vanced Exc NMI Class ALL	n Rules [*] change o	Table oggin f Mete FRN N	g Peri ring MP C I - ring – I	LR N - Retro	C N	MDP N Yes ive MDP	Table	e 19-Å. MPB N		RoLF	R I C N - ·	۲P	C 1 -	LNSI	- -		
	The 'Yes' Ro Roles within Table 19-C – T CR 3090 – Adv Objection Code DECLINED CR 3091 – Adv Objection	Oles spec the Objectio vanced Exc NMI Class ALL vanced Exc NMI	ction Lo n Rules change o Jur'n ALL change o	Table oggin f Mete FRN N - f Mete	g Peri ring MP C I - ring – I	LR N - Retro	C N	MDP N Yes ive MDP	Table C -	MPB N Yes MPB	C -	RoLF N (R I C N - ·	RP (RP	C 1 -	LNSI N C - LNSI	- -		



1.3	ICF_00 2	** N = New Role, C The followin to MSATS Section 31. 31.7 Ob The 'Yes' Ro Roles within	ng propo Procedu CR6200 jection bles spec	osed so res – C D/6210 Rules ified in [–])bjec Chai 5 Table	tions nge 31-E	s rais Role 3 may	ed by – Cł	y Tar nange ect us	igo E e MD ing th	Energ IP ne Ob	y id	entifi	ied a	bove	e:			No Comment Red Energy and Lumo Note Energy	
		Table 31-D – CR 6200 – Cha	-	n Rules ["]															to amend the use of objection codes. We agree with the	
		Objection Code	NMI Class	Jur'n	FRN		LR		MD		MP			bLR	R			.NSP	assessment of the issue	
					N	С	N	С	N	С	N	С	N	С	N	C	1	I C	raised by Tango Energy and	
		DECLINED NOTRESP	ALL ALL	ALL ALL	-	-	-	-	Yes		-	-	-	-	-	-	-	-	see the need for an MDP to be able to object to the	
I		BADPARTY		ALL	-	-	-	-	-	Yes	5 -	-	-	-	-	-	-	-	appointment of roles where	
		DATEBAD			Ξ.	-	-	-	-	<u>-</u>	=	=	Ξ.	=	=	<u> </u>	es -	Ξ.	a CR1500 is required.	
			<u>ALL</u>	<u>ALL</u>	-	=	-	-	<u>Yes</u>	Yes	2 -	-	Ξ.	=	=		-	=		
		CR 6210 – Cha	-	-										_				_		
		Objection Code	NMI Class	Jur'n	FRM	MP	LR		MDP		MPB		RoL		RP		LNS			
					N	С	N	С	N	С	N	С	N	С	N	С	N	С		
		DECLINED	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	-	-	-	-		
		NOTRESP	ALL	ALL	-	-	-	-	-	Yes	-	-	-	-	-	-	-	-		
		BADDATA	SMALL	NSW VIC SA	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-		
		BADDATA	LARGE	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-		
		BADPARTY	LARGE	<u>ALL</u>	±.	E.	z.	±.	z.	±.	±.	z.	±.	±.	±.	Yes	E E	± 1		
		DATEBAD	<u>ALL</u>	<u>ALL</u>	±.	±.	E.	E.	Yes	Yes	±.	E.	E.	5	E.	E.	=	±.		



		** N = New Role, C = Cur	rent Role		
1.4	ICF_00 2	The following protects to MSATS Proce	oposed solution refers to the listed scope item ICF_002 - Post PoC Updates edures – Objections raised by Tango Energy identified above: S CODES AND RULES FOR A CHANGE REQUEST	intelliHUB/ Acumen No Comment	Noted
		 (a) The Objection to a Change (b) The Objection accordance Table 4-D Object 	on Codes are applied to each Jurisdiction and each Change Reason Code in with the Objection Rules ion Codes	Red Energy and Lumo Energy Red Energy and Lumo Energy support the proposal to amend the description of this objection code.	Noted
		Code	Description		
		BADPARTY	Used by the MC when the MDP, MPB, or MPC nominated on a change <u>of</u> retailer request <u>or change of role</u> 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 FRMP that 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. Used by the Current FRMP, or MDP for retrospective change of <i>retailer</i> or change of role requests where one or both of the Proposed Change Date, or Actual End Date is incorrect.		
1.5	ICF_00 2	to MSATS Proce Section 36. CR6	oposed solution refers to the listed scope item ICF_002 - Post PoC Updates edures – Objections raised by Tango Energy identified above: 5700/6701 - CHANGE MPB OR MPC OR BOTH – SMALL OR LARGE on Rules	intelliHUB/ Acumen No Comment Red Energy and Lumo Energy	Noted
				Red Energy and Lumo Energy support the proposal	



		The 'Yes' I Roles with											tion C	odes	indica	ated a	agains	st their	to amend the use of objection rules.	
		Table 36-E	– Objec	tion Ru	ules**															
		CR 6700 -	- Change	MP																
		CR 6701 –	Change	MP – F	Retros	pectiv	e													
		Objection	NMI	Jur'	FRM	IP	LR		MDF	•	MPE	3	RoL	R	RP		LNS	SP		
		Code	Class	n	Ν	С	Ν	С	Ν	С	Ν	С	Ν	С	Ν	С	Ν	С		
		DECLINE D	ALL	ALL	-	-	-	-	-	-	Ye s	-	-	-	-	-	-	-		
		NOTAPR D	ALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Ye s		
		DATEBAD	<u>ALL</u>	<u>ALL</u>	Ξ	Ξ	Ξ	Ξ	<u>Ye</u> <u>s</u>	<u>Ye</u> <u>s</u>	Ξ	Ξ	Ξ	Ξ	Ξ	Ξ	Ξ	Ξ.		
		** N = New Rol	e, C = Curi	rent Role																
2																				
2.1	Change	The follow	ving pro	opose	d solı	ution	refer	s to t	he lis	ted s	cope	item	Cha	nge l	D_00)3 Er	nablin	ig a	intelliHUB/ Acumen	Noted
	ID_003	NMI to be	transf	erred	on a g	green	field	site i	denti	fied a	above	e:							No Comment	
		Section 4	. CATS	S COD	ES A	ND F	RULE	S FC	R A	CHA	NGE	REG	UES	Т						
		4.13 Read	d Type	Code	S														Origin Energy	AEMO note that this change
		Table 4-F –	Read T	уре Со	des														Origin support the change but would like the following	request cannot be used for a NMI in D status, the
		Code	Name o	of code			1	Descrij	otion o	f code	•								clarification as it does call	change request can only be
		CR	Consum	ner Read	ł			Availab											out when this CR is used.	used for NMIs in G status.
								MC or I it provid										ading	There are currently two	
								Readin Applies	0	6 met	terina i	nstalla	ions						Distributors that don't use G for newly created NMI's and	
		EI	Existing	Remote	lv-Rea	d Interv		Advice			-			hat the	re is ar	n existi	na rem	notely-	instead use D. To allow for	
			Meter	, none	iy ricu		, i	read Int	erval N	/leter a	t the co	onnecti	on poir						consistent use of the	
								continu Applies						ns onlv					CR1023 for these scenarios	
							1	Applies	to type	e 1 to 4	meter	ing ins	tallatior	is only					across all DB's it would be	



ER	Estimated Read	Available if approved by Jurisdictional policy. Advice from the New FRMP	beneficial to have all DB's	
EK		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> .	use G until the meter is installed? Red Energy and Lumo	
<u>GR</u>	Greenfield NMI	Used when the <i>NMI</i> being transferred is a greenfield <i>connection point</i> and has never had a <i>metering installation</i> physically installed at the <i>connection</i> point and the NMI Status is 'G'.	Energy Red Energy and Lumo	Noted
NS	Next Scheduled Read Date ⁽¹⁾	 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. 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. 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 published NSRD. 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. If the <i>meter</i> is read outside this window, the MDP is not obliged to provide an Actual Change Date CR 1500. Applies to types 4A, 5 and type 6 <i>metering installations</i>. 	Energy support retail competition and customer's having the ability to nominate a retailer at any stage of the new connection process. We agree with the assessment of the issues and also agree there needs to be a change to MSATS	
PR	Previous Read Date ⁽²⁾	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. Applies to type 4A, 5 and type 6 <i>metering installations</i> .	Procedures to provide customers the ability to switch, if they so wish.	
RR	Next Read Date	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). Applies to types 4A, 5 and type 6 <i>metering installations</i> .	Red and Lumo strongly oppose the solution put forward to the problem identified. An error correction transfer is not	AEMO does not agree with Red and Lumo proposed solution of creating a new change request.
SP	Special Read	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. Applies to type 4A, 5 and type 6 <i>metering installations</i> .	the right solution, as this is not an error correction but a customer-initiated change	AEMO will update the change request name to indicate the change request is in response to an update
UM	Unmetered Connection Point	Used when the <i>NMI</i> being transferred is an unmetered <i>connection point</i> .	of retailer. We understand that the current CR1023 will	or correction. The intended
6 <i>me</i> Note (2): The	etering installations where manual Meter	by MSATS. The New FRMP would obtain this information from the End User. This Read	allow for the update of FRMP on a greenfield NMI to occur.	change minimised the financial and technical burden of system change on market participants while



) 	The combinations Reason Codes th are specified in E referred to here is G – Valid Combina Codes	nat can b F rror! Re s the coo ations of	e valid, eference de for th	(provide e sourc e existin	ed the F e not fo ng mete	ead Typ ound (ring reco	pe Code The Met ord)	is allowe ering Inst	d in a Juris allation Typ	diction), e Code	The current use for CR1023 is to correct errors – namely: incorrectly updated FRMP allocated to a NMI, not to Update or Change FRMP at a request of a customer-initiated change.	delivering the intended result. AEMO also points out that the current CR1023 will allow for the update of FRMP on a greenfield site to occur currently. The update
	CRO	Code	1000		1010, 1 1040 <u>ex</u> 1023	•	1030		<u>1023</u>	All CR Code	es	As a result, we do not support the initiative as	to the procedures formalises the current
		ering Installation Code	BASI C	MRIM / MRA M	BASI C	MRIM / MRA M	BASI C	MRIM / MRA M	<u>Not</u> Applica ble	COMMSx / VICAMI	UMCP	proposed. We recommend that AEMO explore how this change could be worked	market practice.
	NS	Next Scheduled Read Date	Yes	Yes	No	No	No	No	<u>No</u>	No	No	into the Change of Retailer transfers instead.	
	RR	Next Read Date	Yes	Yes	No	No	Yes	Yes	<u>No</u>	No	No	Further, the current use of	
e	SP	Special Read	Yes	Yes	No	No	Yes	Yes	<u>No</u>	No	No	this transfer type (CR1023)	
Code	ER	Estimated Read	Yes	Yes	Yes	No	Yes	Yes	<u>No</u>	No	No	is actually for where the	
	CR	Consumer Read	Yes	No	No	No	No	No	<u>No</u>	No	No	LNSP has incorrectly allocated a retailer in	
Read Type	PR	Previous Read Date	No	No	Yes	Yes	No	No	<u>No</u>	No	No	MSATS. This error correction remains valid (irrespective	
	UM	Unmetered Connection Pt	No	No	No	No	No	No	<u>No</u>	No	Yes	of the introduction of metering contestability) and	
	EI	Existing Interval Meter	No	No	No	No	No	No	<u>No</u>	Yes	No	remains a common issue	
	<u>GR</u>	Greenfield NMI	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>	Yes	<u>No</u>	<u>No</u>	across most jurisdictions impacting retailers. This is	
Note Note Note	: ·	1080 is the same as 100 102X refers to 1020, 102 COMMSx refers to COM No meter reading is requ	21, 1022, 10 IMS1, COM	23, 1024, 1 MS2, COM	025, 1026 MS3, CON	1027, 102	8 and 1029).	is the same a	s 1040.		the primary reason for us opposing the change of use for this CR. It is imperative to be able to identify sites that have been incorrectly assigned due to the LNSP and not confuse this with customer-initiated change of retailer, irrespective of	



2.2	Change ID_003	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:	It is vital that AEMO considers an alternate solution that clearly separates the difference between an Update FRMP (LNSP Error) and Change of Retailer – New NMI, this essentially is a Role Change not an error correction as described in the issues paper. Lastly, we strongly urge AEMO considers incorporating the requirement on the Current MC to ensure any requests pending with the Current FRMP are cancelled on the actual change date. intelliHUB/ Acumen No Comment	Noted
		 Section 8. CHANGE RETAILER – ERROR CORRECTIONS – SMALL NMIS 8.1 Application [1021 1022 1023 1024 1025 1026 1027 1028 1029] Please note that the appropriate Change Request for a LARGE NMI is CR 1020 – Change Retailer – Retrospective – Long Term/Error (not SMALL¹). More information about this Change Request is provided in Section 7. Section 8 applies to the following Change Reason Codes: 	Origin Energy Origin seeks clarification on Table 8-C. At what point can the MPB Cancel i.e. timeline of when they can cancel?	AEMO note that these types of change requests are raised by retailers and can only be cancelled by retailers or AEMO. MPBs cannot cancel these types of change requests. Table 8-C is the notification rules for

¹ Please note that "not SMALL" refers to LARGE, WHOLESAL, INTERCON, GENERATR or SAMPLE NMIs.



Change Reason Code	Description		these types of change
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).		requests and the stages which the notifications received.
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.	Red Energy and Lumo	
1023 – New NMI – <u>Update/Correct FRMP</u> on Greenfield Site	Used where the LNSP has nominated an incorrect retailer on a newly created <i>NMI</i> or a FRMP other than the FRMP who requested the Allocate <u>NMI requests the supply to be connected</u> . This is limited to incorrect CR 2000, 2001, 2500, 2501 and the equivalent Embedded Network Codes.	Energy Red Energy and Lumo Energy oppose the repurposing of this	
1024 – Transfer missed	 Used where the New Retailer failed to initiate the transfer in time. Acceptable reasons for the use of this code are: 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 NMI(s) missed. Re-energisation of Site, with or without End User notification (End User request to <i>retailer</i>.) 	transaction. Red Energy and Lumo Energy strongly support the ability for customers to choose retailers, even	AEMO consider the upd to the name is appropri to support the update a correction function of th
1025 – Transferred in Error	Used where the Current FRMP transferred the NMI in error and requests the New Retailer to transfer it back. A wrong NMI was selected by the Current FRMP to transfer.	during the new connections process. As a result, we recommend that AEMO	change request and refe our response to item 2.
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).	determine a solution that is more akin to a customer choice (e.g. CR1000) than an error correction transaction.	
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).	Red and Lumo do not agree that this is deemed an error	
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.	correction when the issues outlined for this change	
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.	clearly relates to customer ability to nominate another retailer. We do not support	
8.2 Conditions Precedent		the solution put forward to the problem identified, see response to item 2.1.	



(a) The <i>NMI</i> exists in MSATS. ²										
(b) The NMI Classification Code is SM	IALL. This section applies to t	he <i>metering installations</i> types 4,								
4A, 5, 6, or 7.										
(c) The date of the transfer of <i>retailer</i>	from the Current FRMP to the	New FRMP will be the Actual								
Change Date.										
(d) The Actual Change Date is to be e	stablished in accordance with	the Read Type Code submitted								
to MSATS by the New FRMP.										
8.3 Initiating Roles										
A New FRMP may initiate a Change R Error! Reference source not found	equest to effect a change of <i>r</i>	etailer in accordance with section								
8.4 FRMP Requirements										
The New FRMP must:										
(a) Obtain the NMI Checksum.										
(b) Confirm that the <i>NMI</i> is a valid <i>NM</i>	II for the <i>connection point</i> prio	r to the Initiation of a Change								
Request.										
(c) Submit a Change Request to initia	te the transfer of the End Use	r from which the New FRMP has								
obtained Explicit Informed Consen	t.									
(d) Confirm that the NMI is a greenfiel	(d) Confirm that the NMI is a greenfield site and has never had a metering installation installed at the									
connection point.(applies to CR10	<u>23)</u>									
(e) Populate the Change Request with	n the following information:									
Change Reason Code	Participant transaction ID	NMI and NMI Checksum								
Its Participant ID	Proposed Change Date	Read Type Code								

² If the *NMI* does not already exist in MSATS, the *retailer* should refer to section **Error! Reference source not found.** "Create a NMI" and seek LNSP action to establish the *NMI*.



(f) Nominate itself as the New FRMP		
The New FRMP may:		
(g) Populate the Change Request with	n the identity of the following Rol	es:
RP	MPB	MPC
MDP		
or leave this action to the New	MC to complete.	
(h) Populate the Change Request with	1:	
Actual End Date		
(i) For Retrospective Changes, nomin	nate a Proposed Change Date ir	accordance with the
Timeframe Rules.		
(j) Withdraw a change of retailer trans	saction request at any time until	the transfer is Completed.
8.5 MDP Requirements		
Once the transfer has Completed, the on the Actual Change Date if this data		
Greenfield site is transferred using a C		<u>-</u>
8.6 MC Requirements		
The MC must ensure MDP, MPC and		
Request to update. Refer to section Er source not found. for Change Reque		nd. to Error! Reference
8.7 Timeframe Rules		
When preparing a Change Request, th Codes, a Proposed Change Date that as shown in the Table 8-A.		
Table 8-H – Timeframe Rules CR 1021 – Error correction – Missed CR1500 CR 1022 – Incorrect transfer date		



CR 1024 – Trar CR 1025 – Trar CR 1026 – Coo CR 1027 – Cus CR 1028 – Non	R 1023 – New NMI – LNSP set up wrong retailer in MSATS Update/Correct FRMP on Greenfield Site R 1024 – Transfer missed R 1025 – Transferred in error R 1025 – Transferred in error R 1026 – Cooled Off R 1027 – Customer moves out on or before CR completion date R 1028 – Non-account holder signs contract R 1029 – Other error corrections (SMALL only) Objection Logging Period (business days) Retrospective Period (business days)															
Objection Log	gging Perio	d Obj	ectior	n Clear	ing Pe	eriod				eriod					od	
1	, - /	20		, j			130		, .,			0		, -,		
The 'Yes' Ro Roles within Table 8-I – Ol CR 1021 – Erro CR 1022 – Inco	 8.8 Objection Rules 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-I – Objection Rules[¨] CR 1021 – Error Correction – Missed CR1500 CR 1022 – Incorrect transfer date 															
Objection Code	NMI Class	Jur'n	FRM		LR	1	MDP		MPB		bLR		RP		LNS	1
		1	Ν	С	Ν	С	Ν	С	N	C N	C	C	NI	^		С
BADMETER	SMALL											•	N	С	N	C
1		ALL						Yes					N	C	N	C
DATEBAD	SMALL	ALL	-	Yes		-	Yes		-				-	-	N -	-
DECLINED	SMALL SMALL	ALL ALL	-	Yes -	-	-			-	 			- Yes	- -	N - -	-
DECLINED NOTAPRD	SMALL SMALL SMALL	ALL ALL ALL	- -	-	-	-	Yes		-		•		-	- - -	N - - -	- - Yes
DECLINED	SMALL SMALL	ALL ALL	- - -	- - Yes	• • •	- - - -	Yes		-	 	-		-	- - - -	N - - - -	-
DECLINED NOTAPRD NOTRANS	SMALL SMALL SMALL SMALL SMALL	ALL ALL ALL VIC	-	- Yes Yes		- - - - -	Yes Yes - -	<u>-Yes</u> - - -	- - -	 	- - - - -	- - -	- Yes - -	- - - -	N - - -	-
DECLINED NOTAPRD NOTRANS DEBT CR 1023 – New Objection	SMALL SMALL SMALL SMALL SMALL	ALL ALL ALL VIC	- - - wron	- Yes Yes			Yes Yes - -	<u>-Yes</u> - - -	- - -		- - - Sreer RoLI	- - - - n <u>field</u>	- Yes - -	-	-	-
DECLINED NOTAPRD NOTRANS DEBT CR 1023 – New	SMALL SMALL SMALL SMALL SMALL	ALL ALL ALL VIC	- - - wron	- Yes Yes g retail	- - -		Yes Yes - -	<u>-Yes</u> - - - - ate/Co	- - - <u>rrect Fl</u>	В		- - - - n <u>field</u>	- Yes - - Site	-	-	- Yes - -



DAT	TEBAD	SMALL	ALL	-	Yes	-	-	Yes	-	-	-	-	-	-	-	-		_
		SMALL			-	_		Yes						Yes	s -	_		-
	TAPRD	SMALL		-		-	-	103	-	-	-	-	-	18		-		
				-	-	-	-	-	-	-	-	-	-	-	-	-		Yes
	CODE	SMALL		-	Yes	-	-	-	-	-	-	-	-	-	-	-		-
BAD	DDATA	SMALL	ALL	-	-	-	-	-	-	-	-	-	-	-	Y	'es -		-
CR 1	024 – Trans	sfer misse	əd															
	jection	NMI	Jur'n	FRM	Р	LR		MDP		MPB	;	RoL	२	RP		LN	SP	
Cod	de	Class		Ν	С	Ν	С	Ν	С	Ν	С	Ν	С	Ν	С	Ν	С	
BAD	DMETER	SMALL	ALL					Yes	Yes									
DAT	TEBAD	SMALL	ALL	-	Yes	-	-	Yes	<u>-Yes</u>	-	-	-	-	-	-	-	-	
DEC	CLINED	SMALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-	
NO	TAPRD	SMALL	ALL	-		-	-	-	-	-	-	-	-	-	-	-	Ye	es
CRO	CODE	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-	
NO	TAWARE	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-	
DEE	BT	SMALL	VIC	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-	
			_															
CR 1 CR 1 CR 1	025 – Trans 026 – Cool 027 – Custe 028 – Non-	ed Off omer Mov account h	ves Out on nolder sign	s cont	ract		pletion											
Obj Cod	jection	NMI Class	Jur'n	FRM	Р	LR		MDP		MPB		RoL	२	RP	1	LN	SP	
000		01035		Ν	С	Ν	С	Ν	С	Ν	С	Ν	С	Ν	С	Ν	С	
BAD	DMETER	SMALL	ALL					Yes	Yes									
DAT	TEBAD	SMALL	ALL	-	Yes	-	-	Yes	-Yes	-	-	-	-	-	-	-	-	
DEC	CLINED	SMALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-	
NO	TAPRD	SMALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Ye	əs
CRO	CODE	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-	
NO	TAWARE	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-	



NOTRANS	SMALL	ALL		Yes				-	-		-	-	_			
DEBT	SMALL	VIC		Yes												
DEBT	SIVIALL	VIC	-	Tes	-	-	-	-	-	-	-	-	-	-	-	-
CR 1029 – Oth	er Error Co	rrections	(SMAL	L only	()											
Objection	NMI	Jur'n	FRM	IP	LR		MDP)	MPE	3	RoL	R	RP		LNS	Р
Code	Class		N	С	N	С	N	С	Ν	С	N	С	N	С	N	С
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, 1 8.9 Cha The Change Table 8-J – C CR 1021 – Erro CR 1022 – Inco CR 1022 – Inco CR 1023 – New CR 1024 – Trar CR 1025 – Trar CR 1026 – Coo CR 1027 – Cus CR 1028 – Non CR 1029 – Othe PARTICIPANT	Ange Re Request hange Re or Correctio orrect trans or NMI – LNS onsfer misse nsferred in led Off tomer Mov -account h er Error Co	equest Status N equest Staton – Misse offer date SP set up ed Error res Out on older sign prrections	Notifica atus N ad CR19 wrong or befo ns cont (SMAL	ation lotific 500 retaile fore CF tract L only	Rule: ation er in M R com	es are n Rule: NSATS	spec s ["]	ified i te/Cor	n Tal			enfield	<u>d Site</u>			



		Status	FRMF	•	LR		LNSF)	M	IDP		MPB	1	Rol	LR		RP			
		Change	Ν	С	Ν	С	Ν	С	N		С	Ν	С	Ν	(C	Ν	С		
		CANCELLED	Yes	Yes	-	-	-	Yes	Y	es	Yes	Yes	Yes	-	-		Yes	Yes		
		COMPLETED) Yes	Yes	-	-	-	Yes	Y	es	Yes	Yes	Yes	-	-		Yes	Yes		
		OBJECTED	Yes	Yes	-	-	-	Yes	Y	es	Yes	Yes	Yes	-	-		Yes	Yes		
		PENDING	Yes	Yes	-	-	-	Yes	Y	es	Yes	Yes	Yes	-	-		Yes	Yes		
		REJECTED	Yes	Yes	-	-	-	Yes	Y	es	Yes	Yes	Yes	-	-		Yes	Yes		
		REQUESTED) Yes	Yes	-	-	-	Yes	Y	es	Yes	Yes	Yes	-	-		Yes	Yes		
3																				
3.1	Change ID_004	The followin													004	Use	of		intelliHUB/ Acumen No Comment	Noted
		Section 8. 0 8.8 Objectio			AILE	R – E	RROF	R CO	RRE	ECT	IONS	6 – SI	MALL	. NMIS	S				Red Energy and Lumo Energy	
		Table 8-K – C CR 1021 – Errc CR 1022 – Inco	or Correct	ion – Mis		1500													Red Energy and Lumo Energy support the proposal to amend the use of objection codes (i.e. that an	Noted
		Objection	NMI	Jur'n	FRM	1P	LR		MDP		MPE	3	RoLF	: I	RP		LNSF	•	MDP can object on	
		Code	Class		Ν	С	Ν	С	N	С	Ν	С	Ν	C I	N	С	Ν	С	DATEBAD)	
		BADMETER	SMALL	ALL					Yes	Yes									However, we do not support	AEMO consider the update
		DATEBAD	SMALL	ALL	-	Yes	-	-	Yes	-Yes	-	-	-		-	-	-	-	the change to the transfer	to the name is appropriate
		DECLINED	SMALL	ALL	-	-	-	-	Yes	-	-	-	-	- `	Yes	-	-	-	(CR1023) name as specified in 8.9 (and any	to support the update and
		NOTAPRD	SMALL	ALL	-	-	-	-	-	-	-	-	-		-	-	-	Yes	consequential updates	correction function of the change request and refer to
		NOTRANS	SMALL	ALL	-	Yes	-	-	-	-	-	-	-		-	-	-	-	throughout the Procedures),	our response to items 2.1
		DEBT	SMALL	VIC	-	Yes	-	-	-	-	-	-	-		-	-	-	-	refer to comments on 2.1 and 2.2.	and 2.2.
		CR 1023 – New	v NMI – LM	NSP set u	ıp wron	g Reta	iler in N	ISATS	;											



Objection	NMI	Jur'n	FRM	Р	LR		MDP		MPE		RoL	.R	RP		LNS	P
Code	Class		N	С	N	С	Ν	С	Ν	С	N	С	N	С	N	С
BADMETER	SMALL	ALL					Yes	Yes								
DATEBAD	SMALL	ALL	-	Yes	-	-	Yes	-	-	-	-	-	-	-	-	-
DECLINED	SMALL	ALL	-	-	-	-	Yes	-	-	-		-	Yes	-		-
NOTAPRD	SMALL		-	-	-	-	-	-	-	-		-	-	-	-	Yes
CRCODE	SMALL		-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
BADDATA	SMALL		_	-		_	_			_		-	_	Yes		-
			-	-	-	-	-	-	-	-	-	-	-		-	-
CR 1024 – Tran	nsfer miss	ed														
Objection	NMI	Jur'n	FRM	Р	LR		MDP		MPE	3	Rol	.R	RP		LNS	SP .
Code	Class		N	С	N	С	N	С	N	С	N	С	N	С	N	С
BADMETER	SMALL	ALL						Yes								
DATEBAD	SMALL	ALL	-	Yes	-	-		-Yes	-	-	-	-	-	-	-	-
DECLINED	SMALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-
NOTAPRD	SMALL	ALL	-		-	-	-	-	-	-	-	-	-	-	-	Yes
CRCODE	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
NOTAWARE	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
DEBT	SMALL	VIC	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
CR 1025 – Tran CR 1026 – Coo CR 1027 – Cust CR 1028 – Non	led Off tomer Mo	ves Out on			R com	pletio	n date									
Objection	Dbjection NMI		FRM	Р	LR		MDP	1	MPE	3	Rol	.R	RP		LNS	8P
Code	Class		Ν	С	Ν	С	Ν	С	Ν	С	Ν	С	Ν	С	Ν	С
BADMETER	SMALL	ALL					Yes	Yes								
DATEBAD	SMALL	ALL	-	Yes	-	-	Yes	-Yes	-	-	-	-	-	-	-	-

MSATS Procedures v4.6 - Final Report



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	-	-	-	-	-	-	-	-	-	-	-	-
CR 1029 – Oth	er Error Co	rrections	(SMAL	L only	')											
Objection Code	NMI Class	Jur'n	FRM	IP	LR		MDP	•	MPE	3	RoL	R	RP		LNS	Р
0000	01033		Ν	С	Ν	С	Ν	С	Ν	С	Ν	С	Ν	С	Ν	С
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, 8.9 Cha The Change Table 8-L – C CR 1021 – Erro CR 1022 – Inco CR 1023 – New CR 1024 – Trai CR 1025 – Trai CR 1026 – Coo CR 1027 – Cus	Request Change Re or Correction orrect trans (NMI – LNS insfer misse insferred in bled Off	equest Status N quest Sta on – Misse fer date SP set up v ed Error	Notific atus N d CR1 wrong	ation Iotific 500 retaile	Rule: ation r in M	s are Rule SATS	spec s ^{::} <u>Updat</u>	ified i <u>te/Cor</u>	in Tal			enfield	<u>I Site</u>			



		CR 1029 - Other	r Error C	orrectio	ons (SM	ALL on	ly)											
		PARTICIPANT R						e										
		Status	FRMF	2	LR		LNSP		MDP		MPB		RoLF	2	RP			
		Change	Ν	С	Ν	С	Ν	С	Ν	С	Ν	С	Ν	С	Ν	С		
		CANCELLED	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes		
		COMPLETED	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_00 5	 (a) This (b) Sepa Sear relat (c) <i>NMI</i> Data (d) The Tabl 42.2 Particip (a) In ac Stan NMI Juris 	ta Sea ACCES oduction section arate ru cch anch ionship <i>Standi</i> a identi e ntire s e 42-0	arch ra SS TC on In provi- ules ap I CATS to a N ing Dat fied in Set of C and T acce wit Data fro tes as	ised to OCAT des the ply to S Stan <i>IMI.</i> ta for N Table CATS S Table 4 h Juris om MS signed	by Acu S STA e rules CATS ding D IMI Dis 42-A, Standir 2-H. diction ATS a to a c	imen I ANDIN for acc Standi ata tha scovery Table 4 ang Data al requ s set o onnect	Veteri IG DA cess to ng Dat tt can b / Seard 12-C, 1 a is ide uireme ut in se tion po	ing ide TA CATS a that be acco ch is th Γable 4 entified nts, a l ection <i>c</i> <i>int</i> or a	S Stanc is avail essed 2-I and in Tab Particip 42.3.1 as othe	d abov ding Da lable fo by Par sified s d Table le 42-l bant m for the rwise p	ve; ata thro or NMI ticipar ub-set e 42-J. D, Tab ay see purpo permitt	ough N Disco ts with of CA le 42-F k acce se of i ed by	ISATS very a TS Sta E, Tabl ess to <i>N</i> dentify the	e 42-F <i>IMI</i> ing the		Red Energy and Lumo Energy Red Energy and Lumo Energy do not oppose the ability for a Metering Coordinator to access NMI Standing Data. The initial consultation document published by AEMO does not provide a level of confidence that AEMO has satisfied itself that a Metering Coordinator is able to access this data under the NER rule 7.15.5. If AEMO is comfortable that the MC will only retrieve NMI Standing Data where it has a financial interest in the metering installation (i.e. it is an incoming MC)	Noted AEMO are confident to give MCs access to the NMI standing data for the stated purpose.



	 from MSATS in accordance with section 42.3.2 is <i>Standing Data</i> assigned to a <i>connection point</i> Jurisdiction. (c) A Participant may seek access to <i>NMI Standing Data</i> section 42.3.4 only for the purpose of: (i) Identifying the Current FRMP so the End Us order to arrange abolishment of the <i>NMI</i> from the order to arrange abolishment of the <i>NMI</i> from 1021, 1023, 1024 and 1029) will be raised; (ii) Identifying the Current FRMP to advise that 1021, 1023, 1024 and 1029) will be raised; (iii) Identifying the Current FRMP to obtain agree 1010 – a Retrospective Change to align to (iv) Identifying the most recent previous FRMP transfer in order to win back a <i>NMI</i> transfer 1027 and 1028.) (d) A Current Participant is provided with access to CAT accordance with Table 42-D, Table 42-E, Table 42-and Table-42J. (e) For the purpose of this section, a reference to a: (i) Participant; (ii) <i>retailer</i>, or (iii) FRMP, is also a reference to a <i>Customer's Disclosee</i> under 42.3.5 only for the purpose of identifying the NMI Carrange a change of MC. 	t or as otherwise prescribed by the ta from MSATS in accordance with ser can be referred to them in om MSATS; : an error correction transfer (CR eement to raise a transfer CR Meter Reading; to arrange with them to raise a red in error. (CR 1022, 1025, 1026, TS Standing Data in MSATS in -F, Table 42-G, Table 42-H, Table 42-I r section 8.6.2(b1) of the Rules. n MSATS in accordance with section lassification of 'LARGE' in order to	
4.2	The following proposed solution refers to the listed sco Standing Data Search raised by Acumen Metering iden Section 42. ACCESS TO CATS STANDING DATA		Noted and updated.



(The fol	Informed An MC n (i) (ii) <u>The pro-</u> initiating The NMI (i) (ii) <u>The NMI</u> data acc 2-K – Cor	Only carry out an MC Standing Data Search on any N MC. Only perform MC Standing Data Search activity for the request from a large customer/retailer to assist in the a MC. spective MC must only carry out MC Standing Data Se a change of the current MC role. Data Access Rules define: Which Role can initiate a request for <i>NMI Standir</i> Which standing data items will be returned when a req Data Access Rules may be defined by Jurisdiction. Standing Data items that would be returned to an MC ess request are specified in Table 42-K. mmon <i>NMI Standing Data</i> items returned for an MC a is based on the MSATS C7 report with the inclusion	MIs where they are the Current e purpose of responding to a appointment of the prospective earch for the purposes of og Data. uest is submitted to MSATS. in all Jurisdictions on a successful	depicted. The initial ICF raised by myself was to ensure this data can be searched before we want to become the MC, for the purposes of avoiding a breach of the procedures and raising a CR6300 as a prospective MC for a small NMI. Only the FRMP can do this, but providing the 'prospective' MC with this visibility avoids a potential breach. Red Energy and Lumo Energy Refer to section 4.1	AEMO refer to our response to item 4.1.
MSATS		Data item description	MSATS standing data table		
Address		This includes all address fields, which comprise DPID, building name, flat number, flat type, floor number, floor type, house number, house number suffix, location descriptor, Lot Number, street name, street suffix, street type, Unstructured Address1, Unstructured Address2, Unstructured Address3, postcode, locality, and state.	CATS NMI DATA		
<u>ADL</u>		The electrical energy delivered through a connection point or metering point over an extended period normalised to a "per day" basis (kWh).	CATS_NMI_DATA_STREAM		



Controlled Load	Indicates whether the energy recorded by this register is created under a Controlled Load regime. Controlled Load field will have "No" if register	CATS_REGISTER_IDENTIFIER
	does not relate to a Controlled Load, it should contain a description of the Controlled Load regime.	
Customer Classification	See section 4.10.1.	CATS_NMI_DATA
Customer Threshold Code	See section 4.10.2.	CATS_NMI_DATA
Datastream Status Code	See section 4.11.	CATS_NMI_DATA_STREAM
Datastream Type	A code to indicate the type of data that the Datastream will report: includes interval and accumulation.	CATS_NMI_DATA_STREAM
DLF Code	A code representing the DLF.	CATS_NMI_DATA
Jurisdiction Code	See section 4.5.	CATS_NMI_DATA
FRMP	A code representing the identity of the FRMP.	CATS_NMI_PARTICIPANT_RELATION
LNSP	A code representing the identity of the LNSP.	<u>CATS NMI PARTICIPANT RELATION</u> <u>S</u>
LR	A code representing the identity of the LR.	<u>CATS_NMI_PARTICIPANT_RELATION</u>
MDP	A code representing the identity of the MDP (Category D).	<u>CATS NMI PARTICIPANT RELATION</u> <u>S</u>
<u>Meter Serial ID</u>	The serial number that uniquely identifies a <u>meter for a given NMI.</u>	CATS_METER_REGISTER
Metering Installation Type	See section 4.12.	CATS_METER_REGISTER
<u>MPB</u>	A code representing the identity of the MP (Category B).	<u>CATS NMI PARTICIPANT RELATION</u> <u>S</u>
MPC	A code representing the identity of the MDP (Category C).	<u>CATS NMI PARTICIPANT RELATION</u> <u>S</u>
<u>Multiplier</u>	Multiplier required to take a register value and turn it into a value representing billable energy.	CATS_REGISTER_IDENTIFIER
Network Tariff Code	A code representing the Network Tariff.	CATS_REGISTER_IDENTIFIER
Next Scheduled Read Date	The NSRD in date format.	CATS_METER_REGISTER



	T				1	1
		NMI Classification Code	See section 4.9.	CATS_NMI_DATA		
		NMI Status Code	See section 4.11.1	CATS NMI DATA		
		<u>Register ID</u>	The register ID of the register that the Network Tariff Code and Network Tariff Code additional information refers to.	CATS_REGISTER_IDENTIFIER		
		<u>Register Identifier Status</u> <u>Code</u>	A lookup code to indicate if register is active.	CATS_REGISTER_IDENTIFIER		
		ROLR	A code representing the identity of the ROLR.	<u>CATS NMI PARTICIPANT RELATION</u> <u>S</u>		
		<u>RP</u>	A code representing the identity of the MC.	<u>CATS NMI PARTICIPANT RELATION</u> S		
		<u>Time Of Day</u>	Industry developed Codes to identify the time validity of register contents.	CATS_REGISTER_IDENTIFIER		
		TNI Code	A code representing the transmission node identifier.	CATS NMI DATA		
		Unit of Measure	A code to identify the Unit of Measure (UOM) for data held in this register.	CATS_REGISTER_IDENTIFIER		
5						
5.1	ICF_00 6		d solution refers to the listed scope ite sed by Acumen Metering identified al NS BY ROLE	intelliHUB/ Acumen No Comment	Noted	
		2.3 Local Network Sei	rvice Provider	Red Energy and Lumo Energy	Noted and updated.	
		The New LNSP must:		Red Energy and Lumo		
			MI Change Request within 2 <i>business days</i> of ation required by the Change Request becon	Energy support the proposal to add further clarification of appreciate		
		(b) Consider and action	Consider and action as necessary within two business days any requests from incorrectly assigned			
		Participants to corr	rect a Create NMI Change Request in MSATS		We agree with the	
		The Current LNSP must:		assessment of the issue		
		(c) Allocate a NMI and and clause 7.13.2 o	l NMI Checksum for each <i>connection point</i> in of the NER.	raised and believe any disputes that arise regarding the network tariff code are solely between the retailer		



		(d)	Provide an update of the ADL to the Current MDP where the LNSP becomes aware of an expected	and the distributor. This
		(~)	change in the ADL of greater than 20%, other than by advice from the MDP.	should not be left with the
		(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'.	MC to manage nor impact the NOMW. (please note the double full
		(f)	(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'.	stop at the end of (a)).
		(g)	Provide DLF Codes and values to AEMO for the initial population of the DLF Code in MSATS.	
		(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</i> <i>point</i> .	
		(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.	
	Ĺ	(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> .	
		<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.	
		(k)<u>(</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 in MSATS.	
		(I)<u>(</u>m)	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:	
			 (i) a unique meter identifier held by the LNSP; (ii) a street address; or 	



		(iii) the D	PID.		
		•	search by the LNSP does not produce a unique match for the information provided by e LNSP must provide the <i>retailer</i> with any computer matches achieved up to a 9.		
	(m)(n) Subject to any applicable Jurisdictional restrictions, provide NMI Standing Data (other than data available via a NMI Discovery Search or the MSATS C7 report) to the New FRMP within two business days of a request from the New FRMP for a Site identified in the request by reference to the NMI and NMI Checksum.				
	 (n)(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. (o)(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>. 				
	(b)(d)	_Allocate a nam	e to the Parent NMI and provide the name to AEMO.		
	The Current LNSP may:				
	(q)(r) Update the Customer Threshold Code for <i>NMIs</i> with a Customer Classification Code of 'RESIDENTIAL'.				
Not in Original Docum	4.11.4 Register Identifier Status Codes			intelliHUB/ Acumen No Comment	Noted
ent	(a)	The Register Ic	lentifier Status Code indicates if a Meter Register is active.		
	(b) The Register Identifier Status Codes are C and R and are defined in Table 4-KMK.		Red Energy and Lumo Energy	Noted	
	Table 4-KM – Register Identifier Status Codes			Red Energy and Lumo	
	Code	Name	Description	Energy support this	
	С	Current	Applies when a Meter Register at the NMI is current, i.e. connected to a connection point.	correction.	
	R	Removed	Applies when a Meter Register at the NMI is removed, i.e. not connected to a connection point.		



4.2 **Proposed Changes to the WIGS Procedure**

ltem	QC ID	Description	Participant Comments	AEMO Response
1		MINOR & MANIFEST CHANGES		
1.1	N/A	Effective Date of the WIGS Procedures The proposed effective date of the WIGS Procedures is 20 May 20189.	intelliHUB/ Acumen No Comment Red Energy and Lumo Energy Red Energy and Lumo Energy support this correction.	Noted Noted