MSATS PROCEDURES: CATS PROCEDURE PRINCIPLES AND OBLIGATIONS

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QUICK REFERENCE GUIDE

Change Retailer (FRMP)

Change Reason Code	Description	Chapter & Page No
1000, 1010 (Small only), 1020 (Large only), 1030, 1040	Change Retailer	Ch 6, Page 53
1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029 (All these codes are for Small only)	Change Retailer - Error Corrections (Small NMIs only)	Ch 7, Page 60
1050,1051 (Both codes are for Large only)	Change Retailer – Where FRMP is NOT the RP	Ch 8, Page 66
1080, 1081 (Small only), 1082, 1083, 1084	Change Retailer – (ENC) Small or Large	Ch 9, Page 70
1090, 1091 (Both codes are for Large only)	Change Retailer – (ENC) Where FRMP IS NOT the RP	Ch 10, Page 77

Provide Data

Change Reason Code	Description	Chapter & Page No
1500	Provide Actual Change Date	Ch 11, Page 81

Create NMI

Change Reason Code	Description	Chapter & Page No
2000, 2001	Create NMI	Ch 12, Page 83
2003	Create Tier 1 NMI	
2020, 2021	Create NMI (ENC)	Ch 13, Page 86
2500, 2501	Create NMI, Meter, Datastream	Ch 14, Page 89
2520, 2521	Create NMI, Meter, Datastream (ENC)	Ch 15, Page 93

Maintain Metering

Change Reason Code	Description	Chapter & Page No
3000, 3001	Create Metering Installation Details	Ch 16, Page 97
3003	Create Tier 1 Metering Installation Details	
3004, 3005	Exchange of Metering Information	Ch 17, Page 100
3050, 3051	Change Metering Installation Details	Ch 18, Page 103
3053	Change Tier 1 Metering Installation Details	
3080, 3081	Advanced Change Metering Installation Details	Ch 19, Page 106
3090, 3091	Advanced Exchange of Metering	Ch 20, Page 110
3100, 3101	Change Network Tariff Code	Ch 21, Page 114

Maintain Datastream

Change Reason Code	Description	Chapter & Page No
4000, 4001	Create Datastream Details	Ch 22, Page 116
4003	Create Tier 1 Datastream Details	
4004, 4005	Exchange of Datastream Information	Ch 23, Page 118
4050, 4051	Change Datastream Details	Ch 24, Page 120
4053	Change Tier 1 Datastream Details	

Maintain NMI

Change Reason Code	Description	Chapter & Page No
5070, 5071	Update Next Scheduled Read Date	Ch 25, Page 123
5001, 5021	Backdate NMI Start Date	Ch 26, Page 125
5050, 5051	Change NMI	Ch 27, Page 129
5053	Change Tier 1 NMI Standing Data	
5054, 5055	Change NMI (Customer Classification Code)	Ch 28, Page 132
5060, 5061	Change NMI (ENC)	Ch 29, Page 134
5080, 5081	Change Parent EN Name	Ch 30, Page 136
5090, 5091	Make a NMI a Child NMI	Ch 31, Page 138

Change Roles (excluding FRMP)

Change Reason Code	Description	Chapter & Page No
6100, 6110	Change LNSP	Ch 32, Page 140
6200, 6210	Change MDP	Ch 33, Page 142
6300, 6301	Change RP	Ch 34, Page 145
6400, 6401	Change LR	Ch 35, Page 147
6421	Change LR Embedded Network Child	Ch 36, Page 149
6500, 6501	Change ROLR	Ch 37, Page 151
6700, 6701	Change MPB AND / OR MPC	Ch 38, Page 153
6800, 6801	Change Multiple Roles - RP, MDP, MPC, MPB	Ch 39, Page 155

Auto change roles

Change Reason Code	Description	Chapter & Page No
ECLR	Change LR (ENC) Auto	Ch 40, Page 158
EPFR	Change Secondary FRMP (ENP)	Ch 41, Page 159

Notes: EN: Embedded Network, ENC: Embedded Network Child NMI, ENP: Embedded Network Parent NMI.

AEMO only

Change Reason Code	Description	Chapter & Page No
5100, 5101	Standing data updates	Ch 42, Page 160
ROLR	Invoke BCT for ROLR	Ch 43, Page 163
BCxx	Invoke Bulk Change Tool Process	Ch 43, Page 163

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HOW TO USE THIS DOCUMENT

Although this document is lengthy, in most instances you will only need to read one chapter to work out what obligations you have.

All participants should read and be familiar with Chapters 1 to 5, which contain overview material. In particular, it is essential that you read Chapter 2, which defines, for each role, what overall obligations it has with regard to these procedures.

The majority of the document (Chapters 6 to 43) covers specific tasks you might either have to initiate or be notified about, and the rules and obligations you have with regard to them.

For example, if you are intending to change a small customer's retailer, assuming that you are already familiar with Chapters 1 to 5, you would:

- Check the grouping of chapters covering the topic 'Change Retailer' (Chapters 6 to 10).

- Select and then read Chapter 6, which is called 'Change Retailer – Small or Large NMI.'

Confirm overall obligations in Chapter 2 (Obligations by Role) → **Chapters 1 - 5**	• **Introduction** • **Obligation by Role** • **CATS Functionality (an overview)** • **CATS Code and Rules**

Pick ONE Chapter, e.g.to change a consumer's retailer, choose Chapter 6 → **Chapters 6 - 43**	• **Specific rules and obligations for each role (generally organised by change reason code grouping)**
	
	• **Key Groupings (in order):**
	  • **Change Retailer**
	  • **Provide Data**
	  • **Create NMI**
	  • **Maintain Metering**
	  • **Maintain Datastream**
	  • **Maintain NMI**
	  • **Change Role (other roles)**
	  • **Auto-change Roles (system-generated)**
	  • **AEMO initiated changes**

Chapter 44	• **Access to CATS standing data, including NMI Discovery**
Chapter 45	• **Embedded Networks Overview**
Chapter 46	• **Version History**
Chapter 47	• **Glossary**

The names of chapters 6 to 43 are structured like the following example:

CHANGE ROLE – CHANGE MDP SMALL OR LARGE

Transaction Grouping

Specific task

NMI size (where applicable)

Once you become familiar with this structure it is relatively easy to work out which chapter you need to select whenever you are initiating a transaction.

If you receive a notification from another participant and are not sure what obligations you have, confirm, from the notification, the change reason code. Then check the 'Quick Reference Guide' at the beginning of this document to confirm what chapter covers this change reason code.

The revision of these procedures is detailed in Chapter 46.

CONTENTS

1. INTRODUCTION

1.1 Context for the CATS Procedures

(a) The CATS Procedures contain the principles that govern consumer transfer, the registration of metering installations and the management of standing data. The procedures also identify the obligations placed on CATS participants. These procedures are applicable to National Metering Identifiers (NMIs) that have a classification of small and large.

(b) MSATS is, in part, a system (the MSATS system) that is operated by AEMO to fulfil its obligations under the National Electricity Rules.

(c) The Consumer Administration and Transfer Solution ("CATS") forms part of MSATS.

CATS is a market wide solution for:

1. The transfer of consumers between retailers where there is an implication for the wholesale settlements process for those retailers;

2. The management of CATS standing data;

3. The administration of National Metering Identifier (NMI) registration; and

4. The facilitation of NMI discovery.

(d) In the CATS Procedures:

1. Words and phrases that appear in italics are defined in the glossary in chapter 47 of these procedures; and

2. Words and phrases which are defined in the National Electricity Rules have the same meaning under the CATS Procedures.

1.2 Purpose and Application of CATS Procedures

1.2.1 Purpose

The purpose of the CATS Procedures is to:

(a) Define the attributes of a connection point for the purpose of consumer transfer.

(b) Provide for the registration of a NMI and associated metering installation components against that connection point.

(c) Facilitate market settlements;

(d) Facilitate and support an efficient industry process for:

1. The transfer of NMIs between retailers;

2. The provision and maintenance of CATS standing data;

3. The provision and maintenance of CATS codes and rules; and

4. The discovery of approved NMI standing data.

(e) Define the roles of CATS participants.

(f) Enable Jurisdictions to convey to CATS participants the rules under which a retail transfer will be approved.

1.2.2 Application

(a) The CATS Procedures apply to Registered Participants in accordance with the Rules. They form part of the MSATS Procedures mentioned in Rules clause 7.2.8.

(b) The procedures apply to Service Providers through the AEMO accreditation process that has been established in accordance with the Rules.

(c) Chapter 1 to 5 and 43 of this (CATS) procedure document applies to both CATS (Small & Large) and WIGS NMIs. All other chapters of the CATS Procedure document apply to NMI Classification Codes of Small and Large only.

1.2.3 Regulatory Framework

(a) The CATS Procedures are subordinate to the National Electricity Rules.

(b)   The CATS Procedures have been prepared in accordance with clause 7.2.8 of the National Electricity Rules.

(c)   A *CATS Participant* may also be bound by other relevant national and Jurisdictional provisions.

1.3   Amendment to these Procedures

(a)   The CATS Procedures may be amended in accordance with clause 7.2.8(b) of the National Electricity Rules.

(b)   The CATS Procedures shall be reviewed by AEMO as required.

(c)   Prior to introducing changes to the CATS Procedures, AEMO shall facilitate a consultative process with Jurisdictions, Participants and Service Providers.

(d)   Changes to these procedures cannot be retrospective.

(e)   Approved changes to the CATS Procedures will take effect at 00:00 hours Eastern Standard Time on the day of effect with due notice being given to Market Participants.

1.4   Access to Data

(a)   A *CATS Participant* has a right to access data stored in *CATS* only as prescribed by the *Standing Data Access Rules.*

1.5   Dispute Resolution

(a)   Disputes which arise between *Registered Participants* in relation to the application or operation of this document must be resolved in accordance with the dispute resolution regime provided under the National Electricity Rules.

(b)   Disputes that arise between *Service Providers* and/or other CATS participants in relation to the application or operation of this document must be resolved in accordance with the dispute resolution regime contained in accreditation agreements established between these parties and AEMO.

1.6   Enforceability of the Procedures

(a)   The CATS Procedures will be enforceable in accordance with clauses 7.2.8(c), 7.2.8 (d) and 7.2.8 (e) of the National Electricity Rules.

1.7   Counting of Days

(a)   Unless otherwise stated, any measure of days identified in these Procedures is given in business days. Business days are as defined in the National Electricity Rules.

1.8   Effective Time of Change

(a)   All changes to NMI master records will become effective at 00:00 hours Eastern Standard Time on the day of effect. This includes consumer transfers and all changes to standing data.

1.9   Related Documents

The CATS Procedures has been prepared with reference to the following documents:

(a)   National Electricity Rules.

(b)   NMI Procedures (AEMO document number ME_GN059v00x) (as amended from time to time).

(c)   MSATS Procedures: Procedures for the Management of Wholesale, Interconnector, Generator and Sample (WIGS) NMIs (as amended from time to time).

(d)   MSATS User Reference Guide.

(e)   *Metrology Procedure* (Part A & B).

(f)   CATS Hints and Tips, which provides hints and tips on how to make best use of the CATS component of the MSATS software (as amended from time to time). This document may also be useful for Information Technology staff involved in developing systems that interface to MSATS.

(g)   Standing Data for MSATS (AEMO document number MT_MA1705v00x) (as amended from time to time).

(h)   Allocation of Embedded Network Codes (AEMO document number MT_GN1710v00X) (as amended from time to time).

(i)   Service Level Procedures for Metering Data Providers.

1.10   Procedure Development History

(a)   These CATS Procedures were developed following extensive industry and jurisdictional consultation on the CATS Configuration rules, which determined the configuration that MSATS would utilise. The document has been reviewed by the authorised Industry Reference and/or Working Group and made available for public consultation.

2. OBLIGATIONS BY ROLE

2.1 Application

(a) The purpose of this chapter is to specify general obligations imposed on each role that is registered in the MSATS system. Specific obligations are also assigned in other chapters.

(b) This chapter applies to the following roles:

1. Financially Responsible Market Participant (FRMP);
2. Network Service Provider (LNSP);
3. Local Retailer (LR);
4. Metering Data Provider Category D (MDP);
5. Metering Provider Category B (MPB);
6. Metering Data Provider Category C (MPC);
7. Responsible Person (RP);
8. Retailer of Last Resort (ROLR);
9. Second Network Service Provider (NSP2);
10. AEMO.

2.2 General Obligations

(a) CATS participants must use best endeavours to select the most applicable transaction code for their proposed transaction.

(b) A CATS participant must not seek access through the MSATS system to the data pertaining to a NMI unless that person has, or had, a known and commercial relationship with the NMI except in the case of NMI discovery.

(c) A CATS participant, other than AEMO, must not use a facility provided in the MSATS system for a purpose other than allowed by these procedures.

(d) A CATS participant must not enter an actual end date into the MSATS system unless that person has a known and commercial relationship with the NMI to which the actual end date refers.

(e) A CATS participant must not use an objection code unless the objection is fair and reasonable.

(f) A CATS participant must not submit information to the MSATS system which cannot be demonstrated, when requested in accordance with the CATS Procedures enforcement process, that the information reasonably represents a business practice of that CATS participant.

(g) CATS participants must use their best endeavours to comply with their obligations contained in the CATS Procedures to ensure that the transfer of a connection point from one FRMP to another FRMP is not delayed.

(h) Where required by a derogation to the Rules, Participants must adopt the arrangements as provided by that derogation.

(i) CATS Participants must ensure, as required under specific obligations within the CATS Procedures, that all new and existing standing data in MSATS is kept current and relevant, for the NMIs they are responsible for.

(j) Unless a different timeframe is specified in this Procedure, the relevant Participant must update the standing data in MSATS within 20 business days of becoming aware that the data is no longer current or relevant.

(k) CATS Participants may request reports from the MSATS system for the NMIs for which it has a relationship.

(l) The timing requirements for the completion of obligations are expressed in terms of a specified number of business days. This means that the obligation must be completed by 11:59 pm EST of the specified business day, excluding today. For example, the phrase "within 2 business days" means by 11:59 pm EST of business day 3 where today is business day 1.

(m)   CATS Participants must consider and action as necessary within two business days any requests from incorrectly assigned CATS Participants to correct the Participant allocation in MSATS.

2.3   Financially Responsible Market Participant

The new FRMP must:

(a)   Appoint an MDP and RP in accordance with the Rules.

(b)   Initiate a change request for the transfer of a NMI in accordance with the applicable jurisdictional rules. Subject to the retrospective and prospective periods in MSATS, the new FRMP must initiate the transfer:

    1.   Having the mandatory information required to initiate a valid transfer in MSATS, and

    2.   No later than two business days after the conclusion of the cooling-off period, as required by the relevant jurisdiction;

    3.   Following a request for field work to be performed at the Connection Point by the LNSP or MP, the transfer is raised in accordance with 1 and 2 above.

(c)   Where jurisdictions allow transfers to be raised within the cooling-off period, ensure that a change request cannot complete prior to the end of the cooling-off period.

(d)   Ensure that each *small generating unit's connection point* is assigned to the MSGA's Participant ID in MSATS when initiating a retail transfer.

(e)   Ensure that only *small generating unit's connection points* are assigned to the MSGA's Participant ID in MSATS.

(f)   Manage the transfer process if there are any matters that require attention in regard to the NMI, either from the operation of the MSATS system or from events that are external to the operation of the MSATS system.

(g)   Ensure the lodgement of an executed unconditional payment undertaking for the prescribed amount, as advised by AEMO, in accordance with the National Electricity Rules.

(h)   Adopt the role of LR for the children in an embedded network where they are the FRMP of the parent NMI.

(i)   Ensure that any pending retail transfers, are withdrawn within 210 calendar days of the lodgement of the change request.

(j)   Withdraw a change request as soon as practicable, and within two business days, of being aware that the transfer cannot occur.

The new FRMP may:

(k)   Object to a change request for the reasons listed in section 4.7 in accordance with these CATS Procedures which define which objections may be used for each change reason code.

(l)   After obtaining the consumer's consent, request information for metering data from a MDP or RP.

The current FRMP must:

(m)   Ensure that each *small generating unit's connection point* is assigned to their MSGA Participant ID in MSATS.

(n)   Ensure that only *small generating unit's connection points* are assigned to the MSGA's Participant ID in MSATS.

(o)   Be responsible for wholesale spot market settlement in respect of a *NMI* until the *actual date* of the NMI transfer to a *new FRMP* or until the NMI is classified as 'extinct'.

(p)   Remain the current FRMP until the actual change date and be responsible for all consumer billing up to the actual date of change as notified by the MSATS system.

(q)   Consider and action as necessary within two business days any requests from incorrectly assigned Participants to correct the Participant allocation in MSATS.

(r)   Provide an update of the average daily load to the current MDP where the current FRMP becomes aware of an expected change in the ADL of greater than 20%, other than by advice from the MDP.

(s)   Update or provide the Customer Classification Code established in MSATS for a consumer at a NMI where the Customer Classification Code has changed, within five business days of any new contract with a consumer at that connection point.

(t)   Update the Customer Classification Code established in MSATS within five business days of becoming aware of a change to the Customer Classification Code..

(u)   Establish or update the Customer Classification Code within five business days of the NMI status becoming 'A' in MSATS, where the Customer Classification Code has changed.

(v)   Update or provide the Customer Classification Code established in MSATS within five business days of a Consumer Transfer Change Request being completed, where the Customer Classification Code has changed.

The current FRMP may:

(w)   Object to a change request for the reasons listed in section 4.7 in accordance with these CATS Procedures which define which objections may be used for each change reason code.

2.4   Local Network Service Provider

The new LNSP must:

(a)   Initiate a Create NMI Change Request for each Connection Point supplied within its area. This must be done within two business days of the mandatory data required by the MSATS change request becoming available. This mandatory information includes that consent from a Retailer to be nominated as the FRMP in MSATS has been obtained by the LNSP for each Connection Point prior to initiating the Change Request.

(b)   Consider and action as necessary within two business days any requests from incorrectly assigned Participants to correct a Create NMI Change Request in MSATS.

(c)   Provide, on request from a new FRMP who undertakes the role of Embedded Network Local Retailer, a set/range of NMIs and their checksum to that new FRMP for allocation by that FRMP to the child connection points of an embedded network within 2 business days of receiving the request.

(d)   Provide, on request from a current FRMP who undertakes the role of Embedded Network Local Retailer, one or more NMIs and their checksum to that current FRMP for allocation by that FRMP to the newly formed child connection points of an embedded network within 2 business days of receiving the request.

The current LNSP must:

(e)   Adopt the role of RP, MP and MDP as required by the National Electricity Rules and any derogation to the National Electricity Rules.

(f)   Allocate a NMI and NMI checksum for each connection point in accordance with the NMI Procedures and clause 7.3.1(e) of the National Electricity Rules.

(g)   Provide the average daily load to the current MDP at the time of the creation of a NMI.

(h)   Provide an update of the average daily load to the current MDP where the LNSP becomes aware of an expected change in the ADL of greater than 20%, other than by advice from the MDP.

(i)   Update the Customer Threshold Code within five business days of becoming aware that the existing Customer Threshold Code is incorrect for NMIs with a Customer Classification Code of 'BUSINESS' and a NMI status of 'A' or 'D'.

(j)   Update or remove, as required, the Customer Threshold Code for a NMI within five business days of the Customer Classification Code being changed to 'RESIDENTIAL'.

(k)   Provide DLF codes and values to AEMO for the initial population of the DLF code in the MSATS system.

(l)   Update MSATS NMI status to "D" (De-energise) within five business days of the Connection Point being de-energised. The proposed change date shall be the day after the de-energisation for an interval metered connection point or the day of the de-energisation for a Basic metered connection point. .

(m)   Provide to AEMO by a date defined in the Rules a matching list of DLF codes and associated DLF values.

(n)   Update the MSATS NMI Status to 'A' (Active) within five business day of the connection point being re-energised. The proposed change date shall be the day the connection point is re-energised.

(o)   Update the MSATS NMI Status to X (Extinct) within five business days of becoming aware of the abolition of the Connection Point. The proposed change date shall be the day after the connection point was removed for an interval metered connection point or the day of the removal for a basic metered connection point.

(p)   Ensure that network tariff details for each NMI in its area are stored in the Network Tariff Code field at the Register ID level.

(q)   Subject to any applicable jurisdictional restrictions, use reasonable endeavours to provide NMI and NMI Checksum (other than when this detail is available in MSATS NMI Discovery) to the new FRMP within one business day of a NMI Discovery follow up request for this information from the new FRMP for premises identified in the request by reference to any of the following:

   o   a unique meter identifier held by the Local Network Service Provider: or

   o   a street address; or

   o   the code (DPID) used by Australia Post to provide a unique identifier for postal addresses.

   i.   If a computer search by the LNSP does not produce a unique match for the information provided by the retailer, the LNSP must provide the retailer with any computer matches achieved up to a maximum of 99.

(r)   Subject to any applicable jurisdictional restrictions, provide *NMI Standing Data* (other than data available via MSATS NMI Discovery or the MSATS C7 report) to the new FRMP within two business days of a request from the new FRMP for premises identified in the request by reference to the NMI and Checksum for the premises.

(s)   Consider and action as necessary within two business days any requests from incorrectly assigned Participants to correct a Create NMI Change Request in MSATS.

(t)   Consider and action as necessary within two business days any requests from other CATS Participants to correct erroneous NMI standing data.

(u)   Provide, on request from a new FRMP who undertakes the role of Embedded Network Local Retailer, a set/range of NMIs and their checksum to that new FRMP for allocation by that FRMP to the child connection points of an embedded network within 2 business days of receiving the request.

(v)   Provide, on request from a current FRMP who undertakes the role of Embedded Network Local Retailer, one or more NMIs and their checksum to that current FRMP for allocation by that FRMP to the newly formed child connection points of an embedded network within 2 business days of receiving the request.

The current LNSP may:

(w)   Object to a change request for the reasons listed in section 4.7 in accordance with these CATS Procedures which define which objections may be used for each change reason code.

(x)   Update the Customer Threshold Code for NMIs with a Customer Classification Code of 'RESIDENTIAL'.

2.5   Local Retailer

The current LR must:

(a)   Provide access to historical metering data (up to 12 months or otherwise defined by the relevant jurisdiction) to the newly current FRMP for initial (1st to 2nd) transfer of the NMI. (After the transfer has been effected in CATS or as allowed by jurisdictional requirements.)

The current LR may:

(b)   Object to a change request for the reasons listed in section 4.7 in accordance with these CATS Procedures which define which objections may be used for each change reason code.

The new FRMP who undertakes the role of embedded network parent must:

(c)   Manage the distribution of NMIs for all children of an embedded network.

(d)   Obtain a set of NMIs for the embedded network from the LNSP of the parent NMI.

(e)   Allocate a name to the embedded network parent NMI and provide the name to AEMO.

(f)   Allocate a name to each embedded network child NMI and provide the name to AEMO.

The new FRMP (ENLR) who undertakes the role of embedded network parent may:

(g)   Object to a change request in accordance with these CATS Procedures.

The new FRMP (ENLR) who undertakes the role of embedded network parent must:

(h)   Initiate a create NMI change request for each child connection point in the embedded network. This must be done within 2 business days of the mandatory data required by the MSATS change request becoming available.

2.6   Metering Data Provider

An MDP must:

(a)   Use reasonable endeavours to provide metering data to the new FRMP within 2 business days of a request for this information from the new FRMP. Jurisdictional rules define the period for which metering data can be requested.

(b)   Use reasonable endeavours to provide historical metering data to the current FRMP within 2 business days of a request for this information from the current FRMP. Historical metering data is for a period of up to 12 months or otherwise as defined by the relevant jurisdiction.

(c)   Where an MDP is to update an interval MDM Datastream status to I (Inactive) for a connection point that is de-energised, the proposed change date must be the day after the connection point is de-energised. *(The datastream status is the key criteria used to include meter data in the settlement process).*

(d)   Where an MDP is to update a basic MDM Datastream status to I (Inactive) for a connection point that is de-energised, the proposed change date shall be the day the connection point is de-energised. *(The datastream status is the key criteria used to include meter data in the settlement process).*

(e)   Where an MDP is to update an MDM Datastream status for either a basic or interval meter to A (Active) for a connection point that is re-energised, the proposed change date must be day the connection point is re-energised. *(The datastream status is the key criteria used to include meter data in the settlement process).*

The new MDP must:

(f)   Provide the actual change date to the MSATS system for transfers for which it receives a data request for an actual change date. If a manual read has been done, the actual change date must be the meter read date. If more than one meter exists for the NMI, all meters should be read on the date of the actual change date that is being provided.

(g)   Configure the datastream as active or inactive in accordance with the *Metrology Procedure* (Part A & B).

(h)   Obtain the meter register data for a NMI from the RP or a representative of the RP. The meter register data is as defined in Schedule 7.5 of the National Electricity Rules and the Service Level Procedures for Metering Data Providers.

(i)   Operate in accordance with the *Metrology Procedure* (Part B).

(j)   In accordance with the MDP Service Level Requirements, provide data to the current MDP if the current MDP is no longer able to obtain the data for the period where the current MDP is active due to meter churn.

(k)   Use reasonable endeavours to obtain an actual reading where requested but when unable to do so provide an estimate in accordance with jurisdictional requirements.

(l)   Register individual datastreams in the MSATS system as described in the National Metering Identifier Procedure (Document No: ME_GN059v00x). (as amended from time to time).

(m)   Subject to any applicable jurisdictional restrictions, use reasonable endeavours to provide CATS standing data (other than NMI data access information) to the new FRMP within two business days of a request for this information from the new FRMP.

(n)   For metering types 1-4, upon receiving a request from a MPB, provide the NMI suffix information applicable to the metering installation within 2 business days.

	The new MDP may:

(o)   Object to a change request for the reasons listed in section 4.7 in accordance with these CATS Procedures which define which objections may be used for each change reason code.

	The current MDP must:

(p)   Provide the actual change date to the MSATS system for transfers for which it receives a data request for an actual change date. If a manual read has been done, the actual change date must be the meter read date. If more than one meter exists for the NMI, all meters should be read on the date of the actual change date that is being provided.

(q)   Obtain the ADL from the new LNSP or current LNSP and enter the value into the MSATS system if the ADL has not been entered into the MSATS system.

(r)   Consider and action as necessary within 2 business days any updated ADL information provided by the LNSP or current FRMP.

(s)   Recalculate the ADL for each active datastream at least annually and enter this value in the MSATS system where the calculated value differs by more than 20% from the ADL recorded in MSATS. Where the current ADL is under 5kWh and the newly calculated ADL is found to be still less than 5kWh there is no requirement for the MDP to update the ADL record within MSATS.

(t)   Retain all data for the period as specified by the National Electricity Rules and the MDP Service Level Requirements.

(u)   Forward metering data to other CATS participants in accordance with the *Metrology Procedure* (Part A & B).

(v)   For metering installations that are manually read (NMIs with a metering installation code of BASIC or MRIM), update the Next Scheduled Read Date in MSATS to its new Next Scheduled Read Date within two business days of a meter being read.

(w)   Provide commissioning metering data to the RP in accordance with the Metrology Procedure Part B.

(x)   For metering types 1-4, upon receiving a request from a MPB, provide the NMI suffix information applicable to the metering installation within 2 business days.

	The current MDP may:

(y)   Object to a change request for the reasons listed in section 4.7 in accordance with these CATS Procedures which define which objections may be used for each change reason code.

2.7   Metering Provider – Category B

	The new MPB must:

(a)   For metering types 1-4, contact the MDP and agree the NMI suffix information prior to updating the MSATS system with all meter register data.

(b)   Upon the installation or re-configuration of the metering installation, update the MSATS system with all meter register data, as agreed with the MDP within 5 business days of becoming the MPB.

(c)   Provide to the new RP and the current LNSP any additional technical information regarding the metering installation within 5 business days of becoming the current MPB.

	The new MPB may:

(d)   Object to a change request for the reasons listed in section 4.7 in accordance with these CATS Procedures which define which objections may be used for each change reason code.

	The current MPB must:

(e)   Provide to the current LNSP any Meter Register data regarding the metering installation that is not recorded in the MSATS system within 2 business days of request.

(f)   Provide additional metering installation details to the MSATS system within 2 business days of receiving a data request.

(g)   Consider and action as necessary any request to correct erroneous meter details relating to meter register and register identifier information within MSATS within 5 business days of notification.

(h)   Upon the configuration of the metering installation, update the MSATS system with all meter register data, as agreed with the MDP within 5 business days of performing a metering configuration change.

The current MPB may:

(i)   Object to a change request for the reasons listed in section 4.7 in accordance with these CATS procedures which define which objections may be used for each change reason code.

2.8   Responsible Person

An RP must:

(a)   Use reasonable endeavours to provide metering data to the new FRMP within 2 business days of a request for this information from the new FRMP. Jurisdictional rules may allow broader access or more restricted access to this data.

(b)   Use reasonable endeavours to provide historical metering data to the current FRMP within 2 business days of a request for this information from the current FRMP. Historical metering data is for a period of up to 12 months or otherwise as defined by the relevant jurisdiction. Jurisdictional rules may allow broader access or more restricted access to this data.

(c)   On receipt of commissioning metering data from an MDP, validate the data and respond as necessary to the MDP within 2 business days.

The new RP must:

(d)   Ensure that the roles nominated in a MSATS Change Request are correct. Any errors or omissions must be notified to the initiator of the Change Request within two business days of the error or omission being identified.

(e)   Ensure that the metering installation meets all requirements prescribed in the National Electricity Rules in accordance with the NMI classification before transfer into the NEM.

(f)   Ensure that the meter reading is available in relation to the actual change date.

(g)   Ensure that the final meter reading is obtained in relation to a change of a relevant component of a metering installation.

(h)   Ensure that all metering data is provided to the current LNSP, the current LR, the current MDP and the current FRMP, from which the NMI was transferred, in accordance with *Metrology Procedure* (Part A & B) and MDP Service Level Requirements to enable the continuity of billing up until the actual transfer date or abolishment date.

(i)   Ensure that the metering installation and the communication facilities to the metering installation are in place and remain in place.

The new RP may:

(j)   Object to a change request for the reasons listed in section 4.7 in accordance with these CATS Procedures which define which objections may be used for each change reason code.

The current RP must:

(k)   Subject to any applicable jurisdictional restrictions, use reasonable endeavours to provide CATS standing data (other than NMI data access information) to the new FRMP within two business days of a request for this information from the new FRMP.

(l)   Ensure that any Meter Register data regarding the metering installation that is not recorded in the MSATS system is provided to the LNSP within 5 business days of request.

The current RP may:

(m)   Object to a change request for the reasons listed in section 4.7 in accordance with these CATS Procedures which define which objections may be used for each change reason code.

2.9 Retailer Of Last Resort

The ROLR must:

(a)   Where a *current FRMP* is suspended from the national electricity market, accept responsibility for each *NMI* that is identified by CATS as the responsibility of the *current FRMP*.

The ROLR may:

(b)   Object to a change request for the reasons listed in section 4.7 in accordance with these CATS Procedures which define which objections may be used for each change reason code.

2.10 Second Network Service Provider

The NSP2 must:

(a)   Notify & request the relevant CATS Participant (LNSP, MPB or MDP) to correct any data inconsistency that may exist in MSATS within 2 business days of becoming aware of the error.

2.11 AEMO

AEMO must:

(a)   Continue to invoice (as per Rules requirements) the current FRMP for a second-tier consumer until the second-tier consumer is transferred to another FRMP in accordance with the CATS Procedures.

(b)   Enter the DLF codes provided by an LNSP into the MSATS system within two business days of receipt.

(c)   Maintain changes to codes and rules in the MSATS system in accordance with the MSATS Procedures. AEMO must correct any discrepancies as soon as practicable once identified.

(d)   Use the Bulk Change Tool function provided by the MSATS system to transfer to the nominated ROLR the CATS standing data for all connection points associated with a current FRMP that has been suspended from operating in the market.

(e)   Populate the MSATS system with the embedded network names that had been provided to AEMO by the parent FRMP or the LNSP within 2 business days of receipt.

(f)   Maintain the TNI records in the MSATS system.

(g)   Populate the MSATS system with the NSP2 participant for the appropriate WIGS NMIs.

AEMO may:

(h)   Object to a change request in accordance with these CATS Procedures. This includes objecting to transfers for prudential reasons, Jurisdictional Direction and System Constraints. If required to object, AEMO shall use the most appropriate objection code. If there is no specific code that describes the reason for the objection, AEMO shall use the BLOCK objection code.

(i)   Cancel/withdraw any dormant retail transfers, which remain incomplete 7 months after initiation.

Note: An automatic nightly MSATS processes will Cancel/Withdraw dormant change requests which exceed 220 calendar days.

3. CATS FUNCTIONALITY

3.1 Introduction

(a) The purpose of this chapter is to provide an overview of the functionality and operation of the CATS process.

3.2 Overview of the Operation of CATS

(a) The operation of CATS is based on 14 different types of transactions, as shown in clause 3.4, and a separate retailer of last resort function.

(b) Six transaction types are initiated by CATS participants, whilst eight transaction types are initiated by the MSATS system.

(c) The most significant transaction type is the change request transaction. This transaction type will be used by a CATS participant when submitting new CATS standing data to the MSATS system or changing details of existing standing data.

(d) The change request transaction has a life cycle in which it is created (initiated) and terminated (completed), in accordance with clause 3.6.

(e) If the standing Data being changed by a change request is a role, the status of each role to be changed by the change request is classified as 'new'.

(f) The completion of a change request and the formation of a current NMI master record occur simultaneously within the MSATS system.

(g) The status of each role on the current NMI master record is classified as 'current'.

(h) A change request will be completed on the date nominated as the 'actual change date', if this is a future date, or on the earliest date after the objection logging period has been reached, or all objections have been removed, if the actual change date is a retrospective date.

(i) A change request that has been initiated for the purpose of creating a NMI will use the date nominated as the 'proposed change date' to populate the 'actual change date' and in this way allow the change request to be completed.

(j) A change request carries with it a set of CATS standing data items. The set of data items will vary in accordance with the transaction selected by the CATS participant initiating the change request.. Each reason has a code (the change reason code), as contained in clause 4.2 and Table 4-A.

(k) The change reason codes have been separated into groups of events for the purpose of the CATS Procedures, as shown in Table 3-B. Obligations imposed on CATS participants in regard to change reason codes are contained in chapter 6 to 43.

(l) The next most significant transaction is the NMI Discovery request transaction. This transaction type will be used by a CATS participant when undertaking a search of the CATS standing data. The CATS standing data can be searched using the NMI discovery search transaction, as specified in chapter 44.

(m) The retailer of last resort functionality within the MSATS system is contained in chapter 43.

3.3 Principles

The following principles apply in regard to the functionality of CATS:

(a) A change request must only be submitted to the MSATS system for approved reasons, as specified by change reason codes.

(b) Except for defining an embedded network parent NMI and the nomination of a change of MDP, only one approved person may initiate a change request, as specified in the change request initiating rules.

(c) For defining an embedded network parent NMI, the LR and the LNSP may both initiate a change request.

(d) For the nomination of a change of MDP via a CR 6200 or 6210, the FRMP and the RP may both initiate a change request.

(e) Current and new roles will be notified of a change in the life cycle status of the change request where change request notifications rules have been defined.

(f)   A change reason code will contain rules that specify which CATS participant(s) must provide the data for the change request and when the data is required.

(g)   A change reason code will contain rules specifying which data will be present in the NMI master record before the change request can be completed.

(h)   Jurisdictions will specify rules to control the period in which retrospective information may be accepted by the MSATS system.

(i)   Jurisdictions will specify rules to control the period in which an objection may be logged.

(j)   If an objection to the change of retailer transaction is submitted by a CATS participant within the objection period, the transfer will not proceed until the objection is cleared. If the objection is not cleared, the transfer transaction will expire and be cancelled and all relevant participants will be notified.

(k)   Jurisdictions will specify rules to control the period in which an objection may be cleared.

(l)   If there are no outstanding objections to a current change of retailer transaction after the objection logging period has passed, the change request will proceed to completed status and the information contained in the transaction will become the active NMI master record.

(m)   Jurisdictions will specify rules to control who is allowed to object to a change request, the reason for the objection and the NMI classification to be assigned to that objection.

(n)   After a NMI is created, and prior to the actual change date, the meter(s) and default MDM datastreams may be set up by whoever is nominated as the default party, even if it is tier 1 and not needed for profiling (in accordance with Jurisdictional requirements).

(o)   After a NMI is created, and prior to the actual change date, if a datastream is not set up then the entry of the NMI into MSATS should not be delayed.

(p)   A change to the MSATS codes or rules will only be allowed in advance. The rules and codes are not able to be applied retrospectively.

(q)   The MSATS system will not notify the LR at the time a change of FRMP occurs.

3.4   Transaction Types

(a)   The transaction types used by the MSATS system are specified in Table 3-A.

(b)   The codes and rules associated with the change request transaction are provided in chapter 4.

(c)   The codes and rules associated with all other transaction types are provided in chapter 5.

(d)   Acknowledgement and response transactions are dependent on whether online or batch function is invoked.

Table 3-A – MSATS transaction types

Code	Name of transaction type	Initiated by	Description
CR	Change Request	CATS participant	Used to initiate a change request. Submitted by a participant anytime they wish to create or update any portion of standing data.
NOT	Change request status notification	MSATS	Notifies a participant that a change request has been requested, objected, completed or other change in status has occurred.
RDAT	Request for Participant data	MSATS	A request by CATS for provision of the necessary NMI standing data values.
OBJ	Objection	CATS participant	A CATS participant objects to a change request.
WCR	Change request withdrawal	CATS participant	The initiating CATS participant wants to cancel a change request.
WOBJ	Objection withdrawal	CATS participant	The initiating CATS participant wants to cancel an objection.
NMID	NMI Discovery Request	CATS participant	A CATS participant wants to view NMI standing data.
NMIR	NMI Discovery Response	MSATS	The MSATS system sends a CATS participant information about a NMI or an error if the NMI discovery

Code	Name of transaction type	Initiated by	Description
			didn't work.
CRR	Change Request Response	MSATS	The MSATS system responds to a change request with an approval or rejection.
OBJR	Objection Response	MSATS	The MSATS system responds to an objection with an approval or rejection.
ACK	Acknowledgment	MSATS	The MSATS system responds to ALL transactions with an acknowledgment of receipt.
CODE	Codes Update	MSATS	The MSATS system notifies CATS participants of any changes to codes, rules and CATS participant data.
RPTR	Report Request	CATS participant	CATS participant requests a report.
RPTD	Report Data	MSATS	The data generated by a report request.

3.5 Change Requests

(a) This is a separate transaction type with code CR.

(b) A change request is the facility by which a CATS participant interacts with the MSATS system in order to effect a change in data to some or all aspects of information regarding a consumer connection point, prior to a transfer, during a transfer or after the transfer has been completed.

(c) Information about a consumer's connection point include the names and roles of organisations that provide a connection point service to the consumer, the technical details associated with the consumer's metering installation and specific information that would assist retailers in providing competitive offers to consumers.

(d) A change request is initiated by selecting the transaction type code CR, and the appropriate change reason code. The CATS participant must use best endeavours to select the correct change reason code. The assignment of the change reason codes to various types of events is provided in Table 3-B. A description of the change reason codes is provided in Table 4-A, and in each chapter to which the change reason code applies.

(e) The population of a change request can be performed in either an on-line interactive mode or an off-line batch mode.

(f) Only one NMI is allowed on one change request. However, there can be multiple NMI suffixes and multiple meter serial numbers assigned to the one change request.

(g) Once a change request has been initiated, it will go through a 'status' life cycle (refer clause 3.6).

(h) When a change request is first received by the MSATS system it will undergo a validation prior to being accepted in the pending validation status, as specified in clause 3.7.

(i) When submitting a change request to the MSATS system, the change request is 'wrapped' in an aseXML message format. This format is capable of accommodating more than one change request (when submitted via batch processes).

(j) When using the batch process, the MSATS system will respond to the submission of an initial change request, once validation is complete, with an approval or a rejection using transaction code CRR.

(k) A change request can be withdrawn by the CATS participant who initiated the change request up until the time the change request is completed.

(l) The change reason code (refer to clause 4.2) will govern which data items are available to the CATS participant when initiating the change request.

(m) Within certain change reason codes, data items associated with address information are provided as mandatory information and optional information. Mandatory address information specified as locality, state and postcode, where "locality" has the same meaning as 'suburb'. Optional address information is given in either structured or unstructured format. Clause 44.3 provides additional information in regard to the address data items.

(n) A change request can only be assigned one DLF code.

Table 3-B – Assignment of change reason codes to market events

Group of events	Description of event	Change Reason Code Assignment
Change Retailer	Small NMI	1000, 1010, 1030, 1040, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029
	Large NMI	1000, 1020, 1030, 1040, 1050, 1051
	Embedded Network small & large	1080, 1081, 1082, 1083, 1084
Provide Data	Provide actual change date small & large (for CR codes 1000, 1030, 1080, 1083, 1010, 1040, 1081, 1084, 6800, 6801, 1050, 1051, 1090, or 1091)	1500
Create NMI	Create a NMI small & large	2000, 2001
	Create a NMI (tier 1)	2003
	Create NMI embedded network (child) small & large	2020, 2021
	Create NMI, metering installation details & MDM datastream small & large	2500, 2501
	Create NMI, metering installation details & MDM datastream for embedded network small & large	2520, 2521
Maintain Metering	Create metering Installation details small & large	3000, 3001
	Create metering Installation details (tier 1)	3003
	Exchange of Metering Information small & large	3004, 3005
	Change metering installation details small & large	3050, 3051
	Change metering installation details (tier 1)	3053
	Advanced Change Metering Installation Details small and large	3080, 3081
	Advanced Meter Exchange small & large	3090, 3091
	Change Network Tariff Code small & large	3100, 3101
Maintain Datastream	Create MDM datastream small & large	4000, 4001
	Create MDM datastream (tier 1)	4003
	Exchange of Datastream Information small & large	4004, 4005
	Change MDM datastream small & large	4050, 4051
	Change Tier 1 Datastream Details	4053
Maintain NMI	Update NSRD small & large	5070, 5071

Group of events	Description of event	Change Reason Code Assignment
	Change a NMI small & large	5050, 5051
	Change a NMI (tier 1)	5053
	Change NMI - Customer Classification Code	5054, 5055
	Change NMI embedded network (child) small & large	5060, 5061
	Backdate NMI start date	5001
	Backdate NMI start date – Embedded Network Child	5021
	Change parent embedded network name small & large	5080, 5081
	Make a NMI a Child NMI	5090, 5091
Change Role	Change LNSP small & large	6100, 6110
	Change MDP small & large	6200, 6210
	Change Responsible Person small & large	6300, 6301
	Change Local Retailer small & large	6400, 6401
	Change Local Retailer (ENC) small & large	6421
	Change ROLR small & large	6500, 6501
	Change Metering Provider small & large	6700, 6701
	Change Multiple Roles Small & large	6800, 6801
System	Change of Local Retailer Embedded Network Child (Auto)	ECLR
	Change of Secondary FRMP –Embedded Network Parent (Auto)	EPFR
AEMO only	Invoke Retailer of Last Resort	ROLR
	Invoke Bulk Change Process	BCxx
	AEMO-initiated standing data updates	5100, 5101
Manage external profiles	Create External Profile [1]	2100, 2101
	Change External Profile [1]	5110, 5111

Note (1):   Refer to Chapter 7 in the WIGS Procedure for the relevant clauses relating to these change reason codes.

3.6   Change Request Status Life Cycle

(a)   The progression of a change request transaction through the respective statices is based on the principle that transactions will be approved unless an objection is received.

(b)   During its life cycle, a change request may have the status of:

1.   Initiated;

2.   Pending Validation;

3.   Rejected;

4.   Requested;

5.   Objected;

6.   Pending;

7.   Completed;

8.   Cancelled.

Valid Statuses
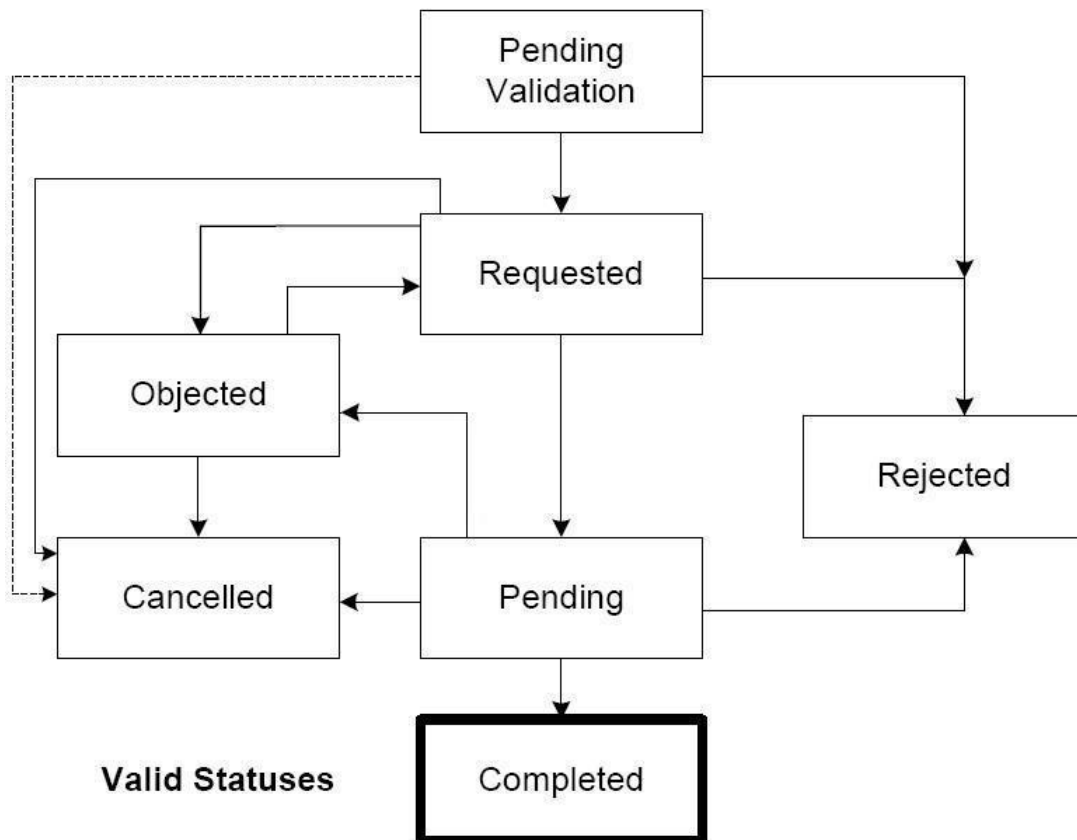
(c) The initiation status occurs at the time the CATS participant selects the CR code to create a new change request. During the initiation status the CATS participant will select an appropriate change reason code, populate the new change request with the set of data items permitted by the change reason code, and then submit the change request to the MSATS system. The submission can be through the interactive screen or by a batch process.

(d) The pending validation status is where a transaction has been received by the MSATS system. It has passed initial validation for entry into the MSATS system. However, not all the data that is required to initiate the transaction in CATS may be present in the MSATS system. If any missing data is classified as mandatory for the change request, then the change request will be rejected. If any missing data is classified as mandatory for the NMI master record, then a data request will be sent to the nominated party, and the MSATS system will check for the receipt of that data. There is no time limit imposed by the MSATS system for the provision of this data. However the party that receives the data request must respond in a reasonable time. When all data that is required to be present is present, the change request will be approved.

(e) The rejected status is where a change request transaction has failed its validation routine. This can occur:

  1. During the validation of an initial change request whilst the change request is at the pending validation status; or

  2. At the time of completion of the change request (in rare circumstances where a change to some other data item made after this change request was submitted has now made this change invalid).

  When a transaction has been rejected, ALL CATS participants who are associated with the transaction for which notification rules have been defined are notified of the rejected status.

(f) The requested status is where a transaction has been validated, i.e. there is no missing data. Notifications of the requested transaction are sent to the relevant parties. The objection logging and clearing periods have been identified. Any objections received are validated against the objection rules. No valid objections exist.

(g) The objected status is where one or more valid objections have been received. Notifications of the objection/s are sent to the relevant parties. This includes details of the objection/s and whether the transaction was already in the objected state. When an objection is withdrawn, the relevant parties will be notified of the details of the withdrawn objection. When the last objection is withdrawn, the transaction status changes back to requested, unless the objection

logging period has expired, in which case the transaction will move to pending status. If the clearing period has expired and an objection that is subject to the objection logging period has not been withdrawn then the status will be changed to CANCELLED.

(h) The pending status is where no objections have been received, or all objections have been withdrawn and the objection period has passed. The transaction is waiting for the change date to be reached. If the Proposed change date is reached and all required data is present (this includes Actual Change Date), the status will change to Completed. The status will remain Pending whilst any required data remains outstanding or an objection that is not subject to the objection logging period is not raised. Notifications are sent to the relevant parties.

(i) The completed status is where the objection logging period has passed, all required data is present in the MSATS system and the change date has been reached or is passed. Notifications are sent to the relevant parties.

(j) The cancelled status is where the transaction will be cancelled if:

1. Not all objections have been withdrawn at expiry of the objection clearing period, or;

2. The Initiator of the transaction has withdrawn the transaction.

When a transaction is cancelled, notifications are sent to the relevant parties.

3.7   Transaction Validation

(a) A change request transaction that has been initiated by a CATS participant will undergo several validations by the MSATS system prior to being accepted to the requested status.

1. The first validation will check that any data value (code or date) contained in the change request is an approved value in accordance with the codes and rules look-up tables. Validation will be performed on the data contained in the following data items:

    i   Change request ID;

    ii   Jurisdiction;

    iii   Role ID;

    iv   NMI status code;

    v   Read type code;

    vi   Change request code;

    vii   TNI code;

    viii   DLF code;

    ix   Metering installation type code;

    x   Embedded network parent name;

    xi   Embedded network child name;

    xii   Proposed change date.

2. The second validation will check that the set of data items populated on the change request are the correct data items for the chosen change reason code and field validation rules. Validation will be performed against the following codes and rules:

    i   Change reason codes, as per Table 4-A;

    ii   Field validation rules: RI, OI, RQ, RD, RA.

3. A third validation will check the NMI characters against the checksum.

4. A fourth validation will check that the person who initiated the change request submission was a registered CATS participant with active status and able to act in the role that can initiate this transaction. Validation will be performed on the data contained in the following data items:

    i   Participant ID;

    ii   Participant status.

    iii   Participant roles

5. A fifth validation will check that the proposed change date and the actual change date are within the range allowed by the change reason code.

6.   A sixth validation will check the proposed change date, the actual change date and the actual end date against the prospective and retrospective time frame rules.

(b)   An objection transaction will be validated against general conditions and rule based conditions, as follows:

1.   General conditions against which a validation of an objection transaction is performed are as follows:

i   The person submitting the objection is a registered CATS participant with active status;

ii   The objection is not a duplicate of an existing objection by that CATS participant;

iii   The role of the CATS participant is in accordance with the objection rules;

iv   The objection is linked to an active change request ID;

v   The status of the change request is either requested or objected.

2.   Rule based conditions against which a validation of an objection transaction is performed are as follows:

i   The CATS participant making the submission is eligible to make the objection in accordance with its new or current status (for the jurisdiction, change reason code and NMI classification).

ii   The objection code is a valid code for the role of that CATS participant in accordance with its: new or current status, jurisdiction, change reason code and NMI classification.

3.   The change request is within its objection period.

4.   That the CR is in a valid status (PEND,REQ,OBJ) for objections that are not subject to the objection logging period.

(c)   A change request will be validated for information regarding embedded networks; as follows:

1.   The embedded network codes will be checked against a list of codes contained in the MSATS system.

2.   The names of the parent and child will be checked to ensure that they are identical;

3.   The child NMI being submitted will be checked against the parent NMI;

4.   A check will be performed for circular relationships;

5.   Prevent changes of the LR from being effected on a child NMI;

6.   Check that if a parent NMI is not active that there are no active child NMIs.

(d)   After the initial change request has been submitted, any subsequent change request submitted by the initial CATS participant to change the data on the initial change request will be validated, as follows:

1.   The NMI on the new change request will be checked against the NMI on the initial change request.

2.   The CATS participant ID on the new change request will be checked against the CATS participant ID on the initial change request.

3.8   Retrospectivity

(a)   The date of transfer can be set to a date that is retrospective to the date when the change request is initiated.

(b)   The retrospective limits are specified in terms of business days.

(c)   The limit to which a date can be retrospective is assigned in accordance with the specific change reason code.

(d)   The retrospective limits are provided in the chapter of this procedure that is relevant to the change request code.

3.9   Embedded Networks

(a)   In the National Electricity Market, there are various embedded networks, which have exempt network licenses, and are allowed to operate as networks, but they are not required by AER to be Registered Participants or do not comply with the National Electricity Rules. These

networks are termed "embedded networks". This procedure outlines the process that NEM participants will be required to comply with in order to register / manage consumers within an exempt network.

(b)   More detail on embedded networks can be found in Section 45 "Embedded Network Overview ".

3.10   Valid proposed change date for prospective and retrospective change requests

3.10.1   Retrospective changes

(a)   Retrospective changes are changes which have 0 days for the Prospective Days on the CATS Jurisdictional Rules for the Jurisdiction / Change Reason Code / NMI Classification combination.

(b)   For a retrospective change, the proposed change date must either be today's date or a date in the past.

(c)   If it is a date in the past it must be within the number of days allowed on the jurisdictional rules for the jurisdiction / change reason code / NMI classification on this change request. The maximum number of days is the value stored in Retrospective Days. At present the maximum number of days in the past for any role change request is 130 business days, the maximum number of days in the past for changing standing data is 140 business days.

(d)   The number of days allowed is the number of Retrospective Days on the CATS Jurisdictional rules for this Jurisdiction / Change Reason Code / NMI Classification combination. There is considerable variation depending on the jurisdiction and change reason code.

Table 3-C lists retrospective change reason codes.

Table 3-C – Retrospective change reason codes

CR Code Change Retailer	CR Code Provide Data	CR Code Create NMI	CR Code Maintain Metering	CR Code Maintain Datastream	CR Code Maintain NMI	CR Code Change Roles
1010	1500	2001	3001	4001	5001	6110
1020		2003	3003	4003	5021	6210
1021		2021	3005	4005	5051	6301
1022		2101	3051	4051	5053	6401
1023		2501	3053	4053	5055	6421
1024		2521	3081		5061	6501
1025			3091		5071	6701
1026			3101		5081	6801
1027					5091	
1028					5101	
1029					5111	
1040						
1051						
1081						
1082						
1084						
1091						

3.10.2   Prospective changes

(a)   Prospective changes are changes which have 0 days for the Retrospective Days on the CATS Jurisdictional Rules for the Jurisdiction / Change Reason Code / NMI Classification combination.

(b)   For a prospective change, the proposed change date must be tomorrow's date or a date after tomorrow.

(c)   The maximum number of days into the future depends on the jurisdictional rules for the jurisdiction / change reason code / NMI classification on this change request. The maximum number of days is the value stored in Prospective Days. At present the maximum allowable number of days into the future for any change request is 65 business days.

Table 3-D lists prospective change reason codes.

Table 3-D – Prospective change reason codes

CR Code Change Retailer	CR Code Create NMI	CR Code Maintain Metering	CR Code Maintain Datastream	CR Code Maintain NMI	CR Code Change Roles
1000	2000	3000	4000	5050	6100
1030	2020	3004	4004	5054	6200
1050	2100	3050	4050	5060	6300
1080	2500	3080		5070	6400
1083	2520	3090		5080	6500
1090		3100		5090	6700
				5100	6800
				5110	

4. CATS CODES AND RULES FOR A CHANGE REQUEST

4.1   Introduction

(a)   The purpose of this chapter is to specify the codes and rules used by the MSATS system in controlling all CATS standing data.

(b)   This chapter specifies the codes and rules that apply to the CATS process when a CATS participant submits a change request to, or seeks access to standing data from, the MSATS system.

(c)   The MSATS system contains the following codes and rules that apply to change request transactions:

    1.   Change reason codes;

    2.   Role codes;

    3.   Initiation rules;

    4.   Jurisdiction codes;

    5.   Time Frame rules;

    6.   Objection Codes;

    7.   Objection rules;

    8.   NMI Classification codes;

    9.   NMI Status codes;

    10.   Metering installation codes;

    11.   Read Type codes;

    12.   Field Validation rules;

    13.   Change Request Status Notification rules;

    14.   Customer Classification Code; and

    15.   Customer Threshold Code.

4.2   Change Reason Code

(a)   The change reason codes control the rules governing the population of data in a change request and in the MSATS system.

(b)   For each change reason code, the following parameters are defined:

    1.   The parties that are permitted to initiate a change request.

    2.   The data items that can be populated in the change request.

    3.   The items of other data that must already be present in the database before the change request can be completed.

    4.   Whether another party must supply the exact date of the change (i.e. is the MDP required to supply the actual meter read date to complete the transaction).

    5.   The date range window (whether it is prospective or retrospective and the number of days into the past or future for the transfer date).

    6.   The period during which objections may be lodged.

    7.   The time after which a transaction will be cancelled if all objections (if any) have not been cleared.

    8.   The roles that will be notified of the change request, and at what stages in the change request process that they will be notified.

    9.   The parties who can object to the proposed change and the basis for objection.

(c)   For any change reason code, some of these elements are only defined globally (i.e. they apply in all jurisdictions) and others are defined separately for each jurisdiction.

(d)   For a specific change reason code, each jurisdiction has its own rules for:

    1.   The date range for logging and clearing objections.

    2.   The date range during which the change request can be effected (number of days into the future or past acceptable for the proposed change date).

    3.   Objections (rules that govern which roles can object and with what objection codes, by NMI classification).

(e)   The valid change reason codes and a brief description of each code are provided in Table 4-A.

Table 4-A – Change reason codes

Code	Description	Prepare initial change request
1000	Change Retailer	New FRMP
1010[1]	Change Retailer – Retrospective – Align to Meter Read	New FRMP
1020[4]	Change Retailer–Retro–Long Term/Error (not SMALL)	New FRMP
1021	Error Correction – Missed CR 1500	New FRMP
1022	Incorrect transfer date	New FRMP
1023	New NMI – LNSP set up wrong Retailer in MSATS	New FRMP
1024	Transfer missed	New FRMP
1025	Transferred in error	New FRMP
1026	Cooled Off	New FRMP
1027	Customer Moves Out on or before CR completion date	New FRMP
1028	Non-account holder signs contract	New FRMP
1029	Other Error Corrections (NMI Class SMALL only)	New FRMP
1030	Change Retailer – Move-In	New FRMP
1040	Change Retailer – Move-In – Retrospective	New FRMP
1050	Change Retailer – Large Consumer Where FRMP is not RP	New FRMP
1051	Change Retailer – Retrospective Large Consumer Where FRMP is not RP	New FRMP
1080	Change Retailer – Embedded Network Child NMI	New FRMP
1081[1]	Change Retailer – Embedded Network Child NMI – Retrospective Align Meter Read	New FRMP
1082	Change Retailer Embedded Network Child – Retrospective Long Term / Error	New FRMP
1083	Change Retailer Embedded Network Child NMI – Move In	New FRMP
1084	Change Retailer Embedded Network Child NMI – Move In – Retrospective	New FRMP
1090	Change Retailer – Large Consumer Embedded Network Child NMI - Where FRMP is not RP	New FRMP
1091	Change Retailer – Retrospective Large Consumer Embedded Network Child NMI – Where FRMP is not RP	New FRMP
1500	Provide Actual Change Date	New and Current MDP
2000	Create NMI Details	New LNSP
2001	Create NMI Details – Retrospective	New LNSP
2003	Create NMI Details – Retrospective (Tier 1 Only)	New LNSP
2020	Create NMI Details – Embedded Network Child	New LR (ENLR)
2021	Create NMI Details – Embedded Network Child – Retrospective	New LR (ENLR)
5050	Change NMI Details	Current LNSP
5051	Change NMI Details – Retrospective	Current LNSP
5053	Change NMI Details – Retrospective (Tier 1 Only)	Current LNSP
5001	Backdate NMI Start Date	AEMO or LNSP
5021	Backdate NMI Start Date – Embedded Network Child	AEMO or ENLR
5054	Change NMI Details - Customer Classification Code	Current FRMP
5055	Change NMI Details - Customer Classification Code - Retrospective	Current FRMP
5060	Change NMI Details – Embedded Network Child	Current LR
5061	Change NMI Details – Embedded Network Child – Retrospective	Current LR

Code	Description	Prepare initial change request
5070	Update Next Scheduled Read Date	Current MDP
5071	Update Next Scheduled Read Date – Retrospectively	Current MDP
5080	Change Parent Embedded Network Name	Current FRMP or current LNSP
5081	Change Parent Embedded Network Name – Retrospective	Current FRMP or current LNSP
5090	Make a NMI a Child NMI	New LNSP
5091	Make a NMI a Child NMI – Retrospective	New LNSP
5100	5100 – Change NMI Details – Prospective (AEMO only)	AEMO
5101	5100 – Change NMI Details – Retrospective (AEMO only)	AEMO
2100	Create External Profile Shape	New AEMO
2101	Create External Profile Shape – Retrospective	New AEMO
5110	Change External Profile Shape	Current AEMO
5111	Change External Profile Shape – Retrospective	Current AEMO
2500	Create NMI, MDM Datastream & Metering Installation Details	New LNSP
2501	Create NMI, MDM Datastream & Metering Installation Details – Retrospective	New LNSP
2520	Create NMI, MDM Datastream & Metering Installation Details – Embedded Network Child	New LR
2521	Create NMI, MDM Datastream & Metering Installation Details – Embedded Network Child – Retrospective	New LR(ENLR)
3000[3]	Create Metering Installation Details	Current MPB
3001[3]	Create Metering Installation Details – Retrospective	Current MPB
3003[3]	Create Meter Details – Retrospective (Tier 1 Only)	Current MPB
3004[3]	Exchange of Metering Information	Current MPB
3005[3]	Exchange of Metering Information - Retrospective	Current MPB
3050[3]	Change Metering Installation Details	Current MPB
3051[3]	Change Metering Installation Details – Retrospective	Current MPB
3053	Change Metering Installation Details – Retrospective (Tier 1 Only)	Current MPB
3080	Advanced Change Metering Installation Details	Current RP
3081	Advanced Change Metering Installation Details – Retrospective	Current RP
3090[3]	Advanced Meter Exchange	Current RP
3091[3]	Advanced Meter Exchange - Retrospective	Current RP
3100	Change Network Tariff Code	Current LNSP
3101	Change Network Tariff Code – Retrospective	Current LNSP
4000[2]	Create MDM Datastream Details	Current MDP
4001[2]	Create MDM Datastream Details – Retrospective	Current MDP
4003[2]	Create MDM Datastream – Retrospective (Tier 1 Only)	Current MDP
4004[2]	Exchange of Datastream Information	Current MDP
4005[2]	Exchange of Datastream Information - Retrospective	Current MDP
4050[2]	Change MDM Datastream Details	Current MDP
4051[2]	Change MDM Datastream Details – Retrospective	Current MDP
4053[2]	Change MDM Datastream Details – Retrospective (Tier 1 Only)	Current MDP
6100	Change LNSP	New LNSP
6110	Change LNSP – Retrospective	New LNSP
6200	Change MDP	Current FRMP or Current RP
6210	Change MDP – Retrospective	Current FRMP or Current RP
6300	Change RP	New RP
6301	Change RP – Retrospective	New RP
6400	Change LR	New LR
6401	Change LR – Retrospective	New LR
6421	Change LR – Retrospective – Embedded Network Child	New LR

Code	Description	Prepare initial change request
6500	Change ROLR	New ROLR
6501	Change ROLR – Retrospective	New ROLR
6700	Change MP	Current RP
6701	Change MP – Retrospective	Current RP
6800	Change Multiple Roles Small	Current FRMP
6801	Change Multiple Roles Large	Current FRMP
BCxx	Invoke Bulk Change Process	AEMO
ROLR	Invoke Retailer of Last Resort	AEMO
ECLR	Change of Local Retailer – Embedded Network Child (Auto)	AEMO / MSATS
EPFR	Change of Secondary FRMP – Embedded Network Parent (Auto)	AEMO / MSATS

Note (1): Likely to be used with read type codes PR, CR or ER.
Note (2): A single change request using these change reason codes may be populated with multiple NMI suffixes.
Note (3): A single change request using these change reason codes may be populated with multiple meter serial numbers.
Note (4): "not SMALL" refers to LARGE, WHOLESAL, INTERCON, GENERATR and/or SAMPLE NMIs.

4.3 Role Codes

(a) A role code identifies the type of association that a CATS participant has with a NMI.

(b) Roles are used to define:

1. CATS participants that can initiate a change request;

2. CATS participants to supply data when it is needed to complete a change request;

3. Change request status notification rules;

4. Objection rules;

5. Access rights to NMI discovery data and standing data.

(c) The valid Role codes are specified in Table 4-B.

Table 4-B – Role codes

Code	Description
FRMP	Financially Responsible Market Participant
LNSP	Local Network Service Provider
LR	Local Retailer
MDP	Metering Data Provider – Category D
MPB	Metering Provider – Category B
MPC	Metering Data Provider – Category C
NEMM	National Market Operator
ROLR	Retailer of Last Resort
RP	Responsible Person
NSP2	Second Network Service Provider (For Wholesale NMIs only)

4.4 Change Request Initiation Rules

(a) The initiation rules define the roles and their status ('current' or 'new') that may be used for the purpose of initiating change requests, as recorded in Table 4-A.

(b) The role codes are nominated from those contained in Table 4-B.

(c) The current NMI master record will contain the 'current role' for that NMI.

(d) A change request may be initiated by both 'new' or 'current' roles.

(e) Only a 'new' role may be entered on an initial change request.

(f) The initiation rules for each change reason code are listed in the chapter of this procedure to which the change reason code transactions are detailed.

4.5 Jurisdiction Codes

(a) The Jurisdiction code identifies the Jurisdiction to which a NMI has its regulatory framework (Generally it is the physical location of the NMI).

(b) The Jurisdiction code is used to apply jurisdiction-based business rules.

(c) The valid Role codes are specified in Table 4-C.

Table 4-C – Jurisdiction codes

Code	Description
ACT	Australian Capital Territory
ALL	All Jurisdictions
NEM	National Electricity Market
NSW	New South Wales
QLD	Queensland
TAS	Tasmania
SA	South Australia
VIC	Victoria

4.6 Time Frame Rules

(a) The time frame rules are used to specify whether the jurisdiction, change reason code and NMI classification are a valid combination.

(b) For any change reason code, the time frame rules define:

1. Whether the code can be used in a prospective or retrospective mode;

2. The number of days into the future (prospective days) or the past (retrospective days) that are allowable for the proposed change date;

3. The number of days allowed for objections (objection logging period). The objection-logging period commences from the next business day after the date that the change request (transaction) is initiated. An objection logging period of zero (0) means that no objections are allowed;

4. The number of days after which a change request that has been objected to will be cancelled (objection clearing period). The objection clearing period commences from the next business day after the date that the change request (transaction) is initiated.

(c) These rules may be defined by jurisdiction.

(d) If there are no rules set up for a specific jurisdiction then the rule (if established) for Jurisdiction ALL will apply.

(e) A rule for Jurisdictional ALL is only to be established if it is approved by all participating jurisdictions.

(f) The time frame rules for each change reason code are listed in the chapter of this procedure to which the change reason code transactions are detailed.

4.7 Objection Codes

(a) The objection codes allow CATS participants to object to a change request.

(b) The objection codes are applied to each jurisdiction and each change reason code in accordance with the objection rules.

(c) The valid objection codes are specified in Table 4-D.

Table 4-D – Objection codes

Code	Description
BADDATA	Incorrect standing data for this NMI For use by a party to indicate that the standing data for this NMI is incorrect (either on the change request or on the master record). This code should be used to register an objection for any incorrect data excluding the current role. If the participant nominated in the current role is incorrect, then they should use the NOTRESP objection code.
BADMETER	Non-compliant metering The metering equipment for this connection point is not correct, (i.e. correct metering for change to proceed not installed yet).

Code	Description
BADPARTY	Nominated MDP or MP is incorrect For use by the new RP on retail transfer type transactions where the FRMP has nominated the wrong MDP or MP (i.e. not the one nominated by the RP). Note that the MP referred to here can be MPB or MPC. Or The RP nominated is not the FRMP's choice of RP as per NER 7.2.3, noting any restrictions from Chapter 9 of the Rules.
DATEBAD (1)	This objection code is used where the date of change nominated for a change of retailer does not align with a proposed or actual meter read. This code is usually only used for type 5 or 6 metering installations. This objection can also be used for error correction transactions (CR 102X) by the current FRMP if the proposed date or actual change date on the error correction transaction is not correct.
DEBT	Aged debt meeting jurisdictional limit Jurisdictions which have allowed objections on the basis of bad debt will need to ensure that the use of this code will not breach privacy legislation.
DECLINED	Identified party declines to perform service For use by nominated new party to indicate that they decline to act in the role they have been nominated for.
NOACC (2)	No Meter read can be obtained due to an issue of no access. For use by relevant MDP to notify FRMP that a no access issue has been encountered when attempting to gain a meter read required for a NMI transfer. This Objection should only be raised against Manually Read Meters.
NOTAPRD	Not Approved to operate in the LNSP area The meter provider is not accredited or authorised to operate in a LNSP area. The same objection could be used for any participant who is not approved to operate in a particular jurisdiction. This code is used by the LNSP.
NOTPRUD	No Prudential Approval AEMO has not approved the transaction for prudential reasons.
NOTRESP	Not Responsible for NMI in the identified role For use by a nominated current party to indicate that the data in the central database is incorrect because they are not the current party.
RETRO	Retrospective Transfer Issue Party does not agree to a retrospective transfer.
BLOCK	AEMO objection AEMO has objected to the transaction either at the request of a jurisdiction or for operational reasons. See Section 2.11
CONTRACT	This objection code is used by the Financially Responsible Market Participant where a customer transfer is sought prior to the termination or end date of a term contract for supply of electricity. This code is only available for use in Queensland.
NOTRANS	Objection code to be used by the Old (Current) FRMP after a check has been done to find out if there was a previous retail transfer in MSATS for the NMI concerned that now requires an error correction transaction. Object using this code if no previous retail transfer is found.
NOTAWARE	Objection code to be used by the Old (Current) FRMP when they have not received a B2B (business to business) notification from the new FRMP (party that will initiate the CR 102x – error correction code) for the intended error correction transaction.
CRCODE	This objection code can be used if the change reason code being used does not apply to the NMI concerned.

Note (1): This could be used as a result of a PR read type code, where the proposed change date (being the retrospective previous read) does not align with the actual read date held by the MPB or MDP.

Note (2): Objections for "NOACC" are not subject to objection logging or clearing periods. A valid Actual Change Date being entered against a Change Request with an objection of "NOACC" will withdraw any "NOACC" objections.

4.8 Objection Rules

(a) The objection rules define the way in which objection codes can be used for each change reason code, role and role status.

(b) The objection rules may be defined for each Jurisdiction.

(c) The relevant objection rules for each change reason code are listed in the chapter of this procedure to which the change reason code applies.

4.9 NMI Classification Codes

(a) The NMI classification code enables the MSATS system to be informed of the nature of the flow of electricity at the connection point to which the NMI information applies, for example: generator, interconnector.

(b) The NMI classification codes 'LARGE' and 'SMALL' are used by these procedures. They are parameters that can be used when defining change reason codes, application time frames and objection rules.

(c) The NMI classification codes 'LARGE' and 'SMALL' are based on the total annual load of the NMI as per Table 4-E.

(d) The NMI classification codes 'LARGE' and 'SMALL' relate to a NMI and not to a site.

(e) NMI classification codes 'LARGE' and 'SMALL' allow the objection rules for small and large connection points to be different if required by a Jurisdiction.

(f) The valid NMI classification codes are specified in Table 4-E.

Table 4-E – NMI classification codes

Code	Description [2]
EPROFILE	External Profile Shape
GENERATR	Generator
INTERCON	Interconnector
LARGE [1]	Victoria: >=160 MWh NSW: >=160 MWh ACT: >= 160 MWh QLD: >=100 MWh SA: >=160 MWh TAS: >=150MWh
SAMPLE	Sample Meter
SMALL [1]	Victoria: <160 MWh NSW: <160 MWh ACT: < 160 MWh QLD: < 100 MWh SA: <160 MWh TAS: <150 MWh
WHOLESAL	Wholesale Transmission Node Identifier

Note (1): These codes are used in the CATS Procedures.
Note (2): See relevant jurisdictional regulation for full details.

4.10 Consumer Classification

4.10.1 Customer Classification Code

(a) The Customer Classification Code enables MSATS to be informed of the classification of the consumer, or the previous consumer, ('BUSINESS' or 'RESIDENTIAL') at a single connection point to which the NMI information applies.

(b) The Customer Classification Code of 'BUSINESS' or 'RESIDENTIAL' is determined by the Retailer.

(c) The Customer Classification Code of 'BUSINESS' or 'RESIDENTIAL' relate to a consumer, or previous consumer, at a NMI and not the connection point.

(d) The valid Customer Classification Codes are specified in Table 4-F.

Table 4-F – Customer Classification Codes

Code
BUSINESS
RESIDENTIAL

4.10.2 Customer Threshold Code

(a)   The Customer Threshold Code enables MSATS to be informed of the consumption for the consumer at a single connection point to which the NMI information applies.

(b)   The Customer Threshold Code is based on the LNSPs determination of the annualised consumption for the consumer at a single connection point to which the NMI information applies.

(c)   The Customer Threshold Code relates to a consumer's consumption at a NMI and is separate to and additional to the NMI Classification Code.

(d)   The Customer Threshold Code is mandatory for all NMIs with a NMI status of 'A' or 'D' and a Customer Classification Code of 'BUSINESS'.

(e)   The valid Customer Threshold Codes are specified in Table 4-G.

Table 4-G – Customer Threshold Codes

Code	Description
LOW	Consumption is less than the lower consumption threshold as defined in the National Energy Retail Regulations, or in over-riding jurisdictional instruments.
MEDIUM	Consumption is equal to or greater than the lower consumption threshold, but less than the upper consumption threshold, as defined in the National Energy Retail Regulations, or in over-riding jurisdictional instruments.
HIGH	Consumption is equal to or greater than the upper consumption threshold as defined in the National Energy Retail Regulations, or in over-riding jurisdictional instruments.

4.11   Status Codes (NMI and Datastream)

4.11.1 NMI Status codes

(a)   The NMI status code is used to determine if a NMI can be used for a retail transfer.

(b)   Valid NMI status codes in the MSATS system are A, D, G and X.

(c)   The valid NMI status codes are defined in Table 4-H.

Table 4-H – NMI status codes

Code	Name of code	Description of code
A	Active NMI	This code is to be applied when a NMI is energised.
D	Not energised NMI	This code is to be applied when the NMI exists in the MSATS system and the connection point is de-energised.
X	Extinct NMI	This code is to apply when the network connection has been permanently removed from the connection point. Under this condition the existing NMI will not be reallocated to any other connection point in the future. A NMI with this status can never be transferred.
G	Greenfield site NMI	This code is applied to denote a site that has never been energised. The connection point may require further site works to be undertaken and will also require energisation. Once the NMI status is changed from 'G' then the status cannot revert to 'G'.

Status code I must not be used as a NMI Status code.

4.11.2 Datastream Status Codes

(a) In the MDM process, the datastream status code is used to determine whether a datastream is to be used in the settlements process, either because the NMI is Tier 2 or because metering data is required from this NMI as part of the process of creating a load profile.

(b) Valid datastream status codes in the MSATS system are A and I.

(c) The valid datastream status codes are defined in Table 4-I.

Table 4-I – Datastream status codes

Code	Name of code	Description of code
A	Active MDM Datastream	This code is to be applied when an MDM datastream is to be used in the settlements process.
I	Inactive MDM Datastream	The code is to apply when the MDM datastream is not to be used in the AEMO settlements process.

If a retail transfer CR is completed and a customer has transferred to a second tier retailer (i.e. FRMP is not the Local Retailer (LR) then the Datastream status for a Second Tier site must be 'A' when the NMI is energised.

(d) Status codes D, G and X must not be used as datastream status codes.

4.11.3 Meter Register Status Codes

(a) The meter register status codes denote the status of the meter within the National Electricity Market.

(b) Valid meter register codes are C and R.

(c) Valid meter register codes are defined in Table 4-J.

Table 4-J – Meter Register Status codes

Code	Name of code	Description of code
C	Current	This code is to be applied when a meter at the NMI is current.
R	Removed	This code is to be applied when a meter at the NMI is removed.

(d) If the MeterInstallCode is COMMSx, MRIM or UMCP:

    1. DataStreamType must be I or P (P – Sample meters only)

    2. ProfileName must be NOPROF

    3. Suffix must be Nx (e.g. N1)

(e) If the MeterInstallCode is BASIC:

    1. DataStreamType must be C

    2. In Victoria, Tasmania and ACT, ProfileName must be NSLP

    3. In NSW, QLD and SA, ProfileName must be NSLP or the relevant controlled load profile

    4. Suffix must be numeric (e.g. 11)

4.11.4 Register Identifier Status Codes

(a) The register identifier status indicates if a meter register is active.

(b) Valid register identifier codes are C and R.

(c) Valid register identifier codes are defined in Table 4-K.

Table 4-K – Register Identifier Codes

Code	Name of code	Description of code
C	Current	This code is to be applied when a meter register at the NMI is current, i.e. connected to a connection point.
R	Removed	This code is to be applied when a meter register at the NMI is removed, i.e. not connected to a connection point.

4.12   Metering Installation Type Codes

(a)   The metering installation code identifies the type of metering installation as specified in the National Electricity Rules.

(b)   The metering installation code also indicates whether the actual date of change must be input by a party other than the initiator of the change request. If the Manually Read Flag is set to Y and the change request Field Validation Rules have been set up to request a date, then a request will be sent to the nominated party to provide it.

(c)   The field name 'Manually Read' in the case of interval meters indicates that the date of change must be manually supplied to CATS in accordance with a Field Validation data request.

(d)   The valid metering installation type codes are specified in Table 4-L.

Table 4-L – Metering installation type codes

Code	Description	Manually Read Flag
BASIC	Basic Consumption Meter – Type 6	Y
COMMS1	Interval meter with communications – Type 1	Y
COMMS2	Interval meter with communications – Type 2	Y
COMMS3	Interval meter with communications – Type 3	Y
COMMS4	Interval meter with communications – Type 4	Y
MRIM	Manually Read Interval Meter – Type 5	Y
UMCP	Unmetered Supply – Type 7	N
PROF	For Profile Setup	N
SAMPLE	Sample Meter	Y

4.13   Read Type Code

(a)   The read type code is not used by the MSATS system for the purpose of settlements. There are no rules in the MSATS system controlling the use of the read type code.

(b)   The read type code is an instruction from the requesting FRMP to the relevant Service Provider (MDP), who has been nominated on the change request, to assist the transfer by using the specified reading method.

(c)   Where advice is provided to an MDP, the MDP would arrange for the meter reading to be undertaken.

(d)   The read type code is used to signal when a meter should be read, whether an alternate arrangement is to be used, or whether no read is required.

(e)   In each case the read type code is an instruction relating to the date in Proposed Change Date.

(f)   A meter may be read on the next scheduled read date (NS) or on a special read date (SP).

(g)   An estimated read (ER) may be provided in place of the actual meter read.

(h)   When changing from a basic meter to an interval meter, the change date is to be the date proposed by the new FRMP or the nearest thereafter if the metering is not commissioned on the nominated date.

(i)   The valid read type codes are specified in Table 4-M.

Table 4-M – Read type codes

Code	Name of code	Description of code
NS	Next Scheduled Read Date[1]	Advice from new FRMP to MDP that the proposed change date for the consumer transfer is the next scheduled read date, 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 business days before or 2 business days after the published next scheduled read date. If the date proposed by the new FRMP is not within this same window (i.e. up to 3 business days before or 2 business days after), then the MDP must advise the FRMP that there is a problem with the date proposed within 2 days

Code	Name of code	Description of code
		of receipt of the data request. If the meter is read outside this window MDP is not obliged to provide an actual change date CR 1500. Applies to types 5 and type 6 metering installations.
RR	Next Read Date	Advice from new FRMP to MDP that the proposed change date for the consumer transfer is to be the date the meter 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 meter is read next, whenever that date is (i.e. the proposed change date has no relevance). Applies to types 5 and type 6 metering installations.
SP	Special Read	Advice from new FRMP to MDP that the proposed change date for the consumer 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 5 and type 6 metering installations.
ER	Estimated Read	The 'estimate read' code is available if approved by Jurisdictional policy. Advice from new FRMP to MDP that the consumer has agreed to transfer on an estimate of the meter reading. No meter reading is required for this transfer. MDP is to provide an estimate of the meter reading in accordance with *Metrology Procedure* (Part A & B) and any other jurisdiction requirements. Applies to type 5 and type 6 metering installations.
CR	Consumer Read	The 'consumer read' code is available if approved by Jurisdictional policy. Advice from new FRMP to RP or MDP that the consumer has agreed to transfer on a meter reading which it provides. MDP/MPC is not required to undertake a special meter reading. Applies to type 6 metering installations.
PR	Previous Read Date[2]	The 'previous read' code is 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 5 and type 6 metering installations.
UM	Unmetered Connection Point	The read type code to use when the NMI being transferred is an unmetered connection point and therefore no read is required. Applies to type 7 metering installations.
EI	Existing Remotely-Read Interval Meter	Advice from the new FRMP to the MDP that there is an existing remotely-read interval meter or meters at the connection point and that the existing meters will continue to be used after the transfer. Applies to type 1 to 4 metering installations only.
NI	New Interval Meter	Advice from the new FRMP to the MDP that a new interval meter is to be installed at the site as part of the process to complete this transfer. If this is an existing active connection point and therefore there is already a meter, there will need to be a final read for the existing meter. Applies to type 1 to 5 metering installations and type 6 metering installations that are being

Code	Name of code	Description of code
		replaced with an interval meter.
NB	Future Move In (Basic)	Advice from the new FRMP to the MDP that a new basic meter is to be installed at the site as part of the process to complete this transfer and that there is no existing meter at this site to be read. Applies to type 6 metering installations.

Note (1):   There is no requirement to maintain the next scheduled read date for meters that are read daily. The next scheduled read date will only be required for the type 5 and 6 metering installations where manual meter reading is necessary.

Note (2):   The previous meter read date is not held by the MSATS system. The new FRMP would obtain this information from the consumer. This read type code is likely to be used with change reason codes 1010 and 1081.

(j)   The combinations of read type codes, metering installation codes and change reason codes that can be valid, (provided the read type is allowed in a jurisdiction), are specified in Table 4-N. (The metering installation code referred to here is the code for the existing metering record, but the meter type may be being changed as part of the transfer.)

Table 4-N – Valid Combinations of Read Type Codes, Metering Installation Codes and Change Reason Codes

CR Code		1000		1010, 102X, 1040		1030		All CR Codes	
Metering Installation Code		BASIC	MRIM	BASIC	MRIM	BASIC	MRIM	COMMSx	UMCP
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
NI	New Interval Meter	Yes	Yes	No	No	Yes	Yes	Yes	No
NB	Future Move In (Basic)	No	No	No	No	Yes	Yes	No	No

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.

4.14   Field Validation Rules

(a)   Field validation rules are based on data source codes, such as "RI" and "OI".

(b)   For any change reason code, the field validation rules define:

- Which fields must be completed at the time the transaction is initiated;

- Which fields can optionally be completed at the time the transaction is initiated;

- Which fields must be present on the NMI master record in order for the transaction to proceed from a status of 'pending validation' to 'requested' and, if they are not present, which party must supply them; and

- Whether the actual change date has to be obtained from another party for NMIs that are manually read (and if it does, who should be asked to supply it).

(c)   The obligations on CATS participants arising from the allocation of the field validation rules are detailed in the chapter of this procedure to which the change reason code applies.

(d)   Each data source code is hard coded in the MSATS system and is not available for maintenance. The available data codes are identified in Table 4-O.

Table 4-O – Field Validation Data Source Codes

Code	Explanation
RI	Required to Initiate. This means it must be on the change request and therefore supplied by the initiator of the change request.
OI	Optional on Initiation. This means it can be on the change request and is therefore optionally supplied by the initiator of the change request.
RQ	Requested by CATS if the data is not already in CATS. For all RQ fields, the party that supplies the data must be identified. For all RQ fields, it is also necessary to identify whether this data is required prior to the transaction passing from Pending Validation to Requested
RA	Requested by CATS regardless of whether or not it is already in CATS. For all RA fields, the party that supplies the data must be identified. For all RA fields, it is also necessary to identify whether this data is required prior to the transaction passing from Pending Validation to Requested. This code will be used for requesting the actual change date on customer transfer change requests. (However, in this special case, the request will only be sent if the metering installation type is flagged as manually read).
RD	This is only required for the Actual Change Date on the transaction that is returned as a consequence of a request to provide an actual change date (currently 1500 is the only one).

4.15   Change Request Status Notification Rules

(a)   The change request status notification rules define which roles are to be advised when a change request undergoes a change in status;

(b)   The change request status notification rules apply to all Jurisdictions.

(c)   The relevant change request status notification rules for each change reason code are listed in the chapter of this procedure to which the change reason code applies.

4.16   Maintenance of Code and Rules

(a)   AEMO must maintain the following codes and rules in the MSATS system:

1.   Change reason codes;

2.   Roles codes;

3.   Initiation rules;

4.   Jurisdiction codes;

5.   Time frame rules;

6.   Objection codes;

7.   Objection rules;

8.   NMI classification codes;

9.   NMI status codes;

10.   Metering Installation Type Codes ;

11.   Read type codes;

12.   Field Validation rules;

13.   Change request status notification rules;

14.   NMI discovery – NMI search rules;

15.   NMI discovery – NMI data access rules; and

16.   Standing data access rules.

The MSATS system will send a message to all CATS participants if a change is made to any code or rule.

4.17   Datastream Status Code

(a)   The datastream status code is part of CATS standing data.

(b)   The datastream status code is used for the management of the metering data within MSATS.

(c)   The datastream status code makes use of the 'active' and 'inactive' codes specified in Table 4-I.

(d)   CATS participants, when required in accordance with change reason codes, must nominate on an initial change request the status of the datastream code for the selected NMI.

(e)   If a datastream status is set to A (active) then this flag will be used by the MSATS system to indicate that a datastream is to be expected for the NMI for the purpose of:

   1.   Aggregation in the settlements process; or

   2.   Netting off in the determination of a profile shape.

4.18   Embedded Network Code and Rules

(a)   The MSATS system requires each embedded network to be given a name.

(b)   The name of the embedded network is to be a code of up to 10 characters.

(c)   The LNSP network is to provide the embedded network code to AEMO.

   1.   The first character of the parent name is to be the first character of the Jurisdiction in which the embedded network is located.

   2.   The second character of the parent name is to be a character chosen to represent the LNSP with whom the embedded network has an electrical relationship.

   3.   The owner of the embedded network liaises with the LNSP in determining the other characters of the embedded network code as per the embedded network code structure specified by AEMO. (document No MT_GN1710v0xx.doc – Allocation of Embedded Network Codes) (as amended from time to time).

(d)   The new FRMP, who first adopts the role of LR for the embedded network, is to allocate the appropriate embedded network code to the parent NMI(s) in MSATS. MSATS also allows the LNSP to allocate the embedded network code to the parent NMI.

(e)   The embedded network child NMI is to be allocated the same embedded network code as the embedded network parent NMI.

4.19   Obtaining Electronic Downloads of Configuration Rules

(a)   The CATS configuration can be downloaded from the MSATS system by using the C1 'Data Replication Resynchronisation Report (C1)' report in MSATS, and selecting the following tables.

Table 4-P – CATS Configuration Tables Available for Download

Type	Description	Table
Code	List of the available change reason codes	CATS_CHANGE_REASON_CODES
Rule	Change Request Initiation Rules	CATS_CR_INITIATION_RULES
Code	Change Request status codes	CATS_CR_STATUS_CODES
Code	Data source code used for field validation rules	CATS_DATA_SOURCE_CODES
Code	De registration codes	CATS_DEREG_CODES
Rule	Rule governing NMI discovery	CATS_DISCOVERY_ACCESS_RULES
Rule	Rules defining if address is returned in NMI discovery	CATS_DISCOVERY_SEARCH_RULES
Code	DLF codes	CATS_DLF_CODES
Code	Embedded network name codes	CATS_EMB_NET_ID_CODES
Code	Error codes used by MSATS	CATS_ERROR_CODES
Code	List of Jurisdiction codes	CATS_JURISDICTION_CODES
Rule	Jurisdiction rules governing change request initiation	CATS_JURISDICTIONAL_RULES
Code	Meter installation type codes	CATS_METER_INSTALL_TYPE_CODES
Code	NMI Classification Codes	CATS_NMI_CLASS_CODES
Code	NMI status codes	CATS_NMI_STATUS_CODES
Rule	CATS notification rules which drives what notifications are generated by the system	CATS_NOTIFICATION_RULES
Code	List of available objection codes	CATS_OBJECTION_CODES

Type	Description	Table
Rule	The rules governing the use of objections	CATS_OBJECTION_RULES
	List of registered roles vs registered participants used by MSATS	CATS_PARTICIPANT_ROLES
Code	List of registered participant ids	CATS_PARTICIPANTS
Code	List of allowable read types	CATS_READ_TYPE_CODES
Code	List of available CATS roles	CATS_ROLES
Code	Transmission connection point identifier codes	CATS_TNI_CODES
Rule	Transaction field validation rules	CATS_TRANS_FIELD_VALIDATION
Code	List of transaction types in MSATS	CATS_TRANS_TYPE_CODES
Code	Calender used by MSATS	MSATS_NATIONAL_CALENDAR
Code	Network Tariff Codes	CATS_NETWORKTARIFF_CODES

5. CATS CODES AND RULES FOR OTHER TRANSACTION TYPES

5.1 Introduction

(a) This chapter specifies the codes and rules that apply to transactions used by the CATS process other than the change request transaction.

5.2 Transaction to Send Change Request Status Notification

(a) This is a separate transaction type with code NOT.

(b) The transaction is initiated by the MSATS system.

(c) The MSATS system will create a notification when a change request is assigned a new status point and the notification is sent to relevant CATS participants in accordance with notification rules.

(d) Notification rules are specified according to change reason codes.

5.3 Transaction to Request Participant Data

(a) This is a separate transaction type with code RDAT.

(b) The transaction is initiated by the MSATS system.

(c) If necessary, the MSATS system will create a request for CATS participant data ("data request") during the pending validation status point.

(d) The data request is created if the MSATS system identifies that a particular data item has not been included in the initial change request and is not already contained in the current NMI master record.

(e) The data request is sent to the relevant CATS participants in accordance with the field validation rules assigned to each change reason code.

(f) The CATS participant must respond to the data request by initiating a change request containing the requested information. This is to be completed in a reasonable time.

5.4 Transaction to Raise Objections

(a) This is a separate transaction type with code OBJ.

(b) The transaction is initiated by a CATS participant.

(c) A CATS participant who has not initiated the change request has the right to object to that change request if permitted by the CATS Procedure.

(d) The objection must be based on the codes shown in clause 4.7.

(e) The MSATS system will respond to an objection to the relevant CATS participants with an approval or a rejection using transaction code OBJR.

(f) Other parties will be notified in accordance with the Notification rules.

5.5 Transaction to Withdraw a Change Request

(a) This is a separate transaction type with code WCR.

(b) The transaction is initiated by a CATS participant.

(c) The CATS participant who initiated the change request may withdraw the change request at any time prior to the change request reaching the completed status.

5.6 Transaction to Withdraw an Objection

(a) This is a separate transaction type with code OBJW.

(b) The transaction is initiated by a CATS participant.

(c) The CATS participant who initiated the objection may withdraw the objection at any time prior to the change request reaching the completed status.

(d)   All other CATS participants are notified automatically by the MSATS system at the time the objection withdrawal occurs.

(e)   Other parties will be notified in accordance with the Notification rules.

5.7   Transaction to Request a NMI Discovery Search

(a)   This is a separate transaction type with code NMID.

(b)   A CATS participant may request CATS standing data from the MSATS system using this transaction type code.

(c)   The following access to CATS standing data is available to a CATS participant the MSATS system:

1.   NMI Discovery – NMI Search 1;

2.   NMI Discovery – NMI Search 2 – NMI standing data;

3.   CATS standing data.

(d)   NMI Search 1 is used by a CATS participant to identify the NMI characters that have been assigned to a consumer's connection point, as described in clause 44.3.

(e)   NMI Discover Search 2 is used by a CATS participant to identify the NMI standing data that has been assigned to the consumer's connection point and is available for release in accordance with NMI standing data access rules, as provided in clause 44.4.

(f)   The CATS standing data access obligations are contained in clause 44.5.

(g)   A NMI search 1 will only be successful if information is contained in the MSATS system that supports one of the following three options: DPID, meter serial ID, and address.

5.8   Transaction to Provide a NMI Discovery Response

(a)   This is a separate transaction type with code NMIR.

(b)   The transaction is initiated by the MSATS system.

(c)   The MSATS system will use this transaction type code to provide the information retrieved from a NMI Discovery search initiated by a CATS participant.

5.9   Transaction to Provide a Change Request Response

(a)   This is a separate transaction type with code CRR.

(b)   The transaction is initiated by the MSATS system.

(c)   The MSATS system will use this transaction type code to provide an approval or rejection to the change request as it commences the pending validation point in its life cycle.

5.10   Transaction to Provide an Objection Response

(a)   This is a separate transaction type with code OBJR.

(b)   The transaction is initiated by the MSATS system.

(c)   The MSATS system will use this transaction type code to provide an approval or rejection to an objection code submitted by a CATS participant.

5.11   Transaction to Provide an Acknowledgment of a Transaction

(a)   This is a separate transaction type with code ACK.

(b)   This transaction type code is used to acknowledge receipt of any transaction initiated by either a CATS participant or the MSATS system.

(c)   This feature is a file exchange protocol which is employed to ensure that a sender's file is only deleted once the receiver has processed it.

5.12   Transaction to Advise of an Update to a Code or Rule

(a)   This is a separate transaction type with code CODE.

(b)   The transaction is initiated by the MSATS system.

(c)   The MSATS system will use this transaction code to advise, by electronic message, all CATS participants of any change to a code, rule and/or current NMI master record data item.

5.13   Transaction to Request a Report

(a)   This is a separate transaction type with code RPTR.

(b)   A CATS participant may request a report from the MSATS system using this transaction type code.

(c)   The following reports are available to CATS participants from MSATS.

Table 5-A - MSATS Reports

Report Name	Description
CATS C1	Data Replication Resynchronisation Report
CATS C3	NMI Change Request Report
CATS C4	NMI Master Report
CATS C7	New Participant Access Report
CATS C9	NMI Count Report
MDM RM8	DatePPSBMPGenerated
MDM RM9	Actual Versus Estimate Data Report
MDM RM11	Missing Data
MDM RM13	NMI Datastreams History Report
MDM RM14	MDP Data Version Comparison Report
MDM RM15	Count of Multiple Versions Report
MDM RM16	Level 1 Settlement Reconciliation Report
MDM RM17	Level 3 Settlement Reconciliation Report for Non-Aggregated Data
MDM RM18	Interval Data Report
MDM RM19	Aggregated Energy Actual-vs-Estimate Report
MDM RM20	PPS Report
MDM RM21	Level 2 Settlement Reconciliation Report
MDM RM22	Data Estimation Report
MDM RM26	MDP Substitution and Estimation Report

(d)   The MSATS system will produce a report using transaction type code RPTD.

5.14   Guidelines for managing Concurrent Retail Transfers

5.14.1   Definition of concurrent retail transfers

(a)   Concurrent retail transfers are those where there is more than one retail transfer transaction for a particular NMI at the same time in the MSATS system.

(b)   There are two types of concurrent retail transfers, which can occur in the MSATS system.

1.   **Type 1** is a concurrent retail transfer where the **same FRMP** has submitted more than one change of retailer transaction for the one NMI.

2.   **Type 2** is a concurrent retail transfer request where **more than one FRMP** has submitted a change of retailer transaction for one NMI.

5.14.2   Guidelines

Type 1 Concurrent Retail Transfers

(a)   The MSATS system will identify the type 1 concurrent retail transfers and the FRMP that has initiated these transactions.

(b)   MSATS will reject the newly submitted Change Request and a notification will be sent to the initiating FRMP detailing the reason for the rejection.

(c)   The existing Change Request will remain unaffected and active in the MSATS system.

Type 2 Concurrent Retail Transfers

(d)   The MSATS system will identify the type 2 concurrent retail transfers and the FRMPs that have initiated these transactions.

(e)   MSATS shall reject the newly submitted Change Request and a notification will be sent to the initiating participant detailing the reason for the rejection.

(f)   The existing Change Request shall also be cancelled by MSATS and notifications will be sent to all the parties related to the change request as per normal notifications (i.e. FRMP, MDP, RP etc). The reason for the cancellation shall also be provided in the notification.

(g)   The affected FRMPs should determine the reason for the concurrent transfer requests and as necessary proceed to investigate who is the preferred FRMP of the consumer consistent with relevant jurisdictional requirements. The preferred FRMP should then initiate a single valid transfer request in MSATS.

5.15   AEMO Bulk Change Tool

(a)   This is a separate tool designed to manage bulk changes of Participant Ids, TNI or DLF codes.

(b)   The BCT use is limited to AEMO only.

(c)   Refer to Section 43 for further details.

6. CHANGE RETAILER – SMALL OR LARGE NMI

6.1 Application [1000 1010 1020 1030 1040]

This procedure applies to the following change reason codes:

- **1000 – Change Retailer**

  This is the situation where a new FRMP obtains the consent of the consumer to take responsibility for the supply of electricity to that connection point. The date of transfer would be a nominal prospective date. The NMI could transfer from a Tier-1 site to a Tier-2 site, or from a Tier-2 site to another Tier-2 site, or from a Tier-2 site to a Tier-1 site.

- **1010 – Change Retailer - Retrospective Align to Meter Read**

  This is the situation where a new FRMP obtains the consent of the consumer to take responsibility for the supply of electricity to that connection point. The date of transfer would be the date of the last meter read (a retrospective date). The NMI could transfer from a Tier-1 site to a Tier-2 site, or from a Tier-2 site to another Tier-2 site, or from a Tier-2 site to a Tier-1 site.

- **1020 – Change Retailer-Retro-Long Term / Error (not SMALL)**

  This is the situation where a new FRMP obtains the consent of the consumer to take responsibility for the supply of electricity to that connection point. The date of transfer could be a date agreed by the current and new FRMP (a retrospective date) where the actual transfer date was in error. In addition, and for the Victorian jurisdiction only, the date of transfer could be a date agreed by the current and new FRMP (a retrospective date) to which both parties agree that the transfer should have been effected. The NMI could transfer from a Tier-1 site to a Tier-2 site, or from a Tier-2 site to another Tier-2 site, or from a Tier-2 site to a Tier-1 site.

- **1030 – Change Retailer - Move-In**

  This is the situation where a new FRMP obtains the consent of the consumer to take responsibility for the supply of electricity to that connection point. The date of transfer would be a prospective date of move-in. The NMI could transfer from a Tier-1 site to a Tier-2 site, or from a Tier-2 site to another Tier-2 site, or from a Tier-2 site to a Tier-1 site.

- **1040 – Change Retailer - Move-In - Retrospective**

  This is the situation where a new FRMP obtains the consent of the consumer to take responsibility for the supply of electricity to that connection point. The date of transfer would be a retrospective date of move-in. The NMI could transfer from a Tier-1 site to a Tier-2 site, or from a Tier-2 site to another Tier-2 site, or from a Tier-2 site to a Tier-1 site.

6.2 Conditions Precedent

(a) The NMI already exists in MSATS. If the NMI does not already exist in MSATS, the retailer should refer to Chapter 12 "Create a NMI" and seek LNSP action to establish the NMI.

(b) The NMI classification code is SMALL or LARGE.

(c) Chapter 6 relates only to change reason codes 1000, 1010 (SMALL only), 1020 (LARGE only), 1030 or 1040.

(d) The date of the transfer of retailer from the current FRMP to the new FRMP will be the actual change date.

(e) The actual change date is to be established in accordance with the read type code submitted to the MSATS system by the new FRMP.

6.3 Initiation Rules

(a) A new FRMP may initiate a change request to effect a change of retailer in accordance with clause 6.4.

(b) The new FRMP must use one of the following change reason codes 1000, 1010, 1020, 1030 or 1040 to establish an initial change request.

(c) The new FRMP must only use change reason code 1020 if the NMI classification is LARGE.

(d) The new FRMP must only use change reason code 1010 if the NMI classification is SMALL.

6.4 FRMP Obligations

The new FRMP must:

(a) Comply with the *consumer consent* provisions of the relevant jurisdiction for the NMI.

(b) Obtain agreement from the current FRMP to retrospectively transfer a consumer on a previous meter read (applies to CR1010).

(c) Obtain the NMI checksum from an approved source.

(d) Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(e) Submit a change request to CATS to initiate the transfer of the consumer for which the new retailer has obtained an explicit informed consent.

(f) Populate the initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
Their participant ID	Proposed change date	New RP
Read type code		

(g) For change reason codes 1000, 1020, 1030 and 1040, where the new FRMP is the RP, and if the MDP is changing, populate the initial change request with the following additional information:

MDP		

(h) Nominate itself as the new FRMP.

(i) Where the NMI classification is SMALL, if advised by the new MDP or the current MDP that a meter reading can not be obtained in response to a read type code for next scheduled read date or a special read date, must either:

    1. Withdraw the transfer request; or

    2. Advise the MDP to read the meter on the next scheduled read date or propose a special read date.

(j) Where the NMI classification is SMALL, if advised by the new MDP or the current MDP that the next scheduled read date or a special read date is invalid, must either:

    1. Advise the MDP of a valid date; or

    2. Withdraw the transfer request.

The new FRMP may:

(k) Populate the initial change request with the identity of the following roles:

MPB	MPC	

or leave this action to the new RP to complete.

(l) For change reason code 1020 (retrospective), populate the initial change request with:

Actual end date		

(m) For retrospective transfers, nominate, in accordance with clause 6.4(f), a proposed change date which is retrospective to the date on which the change request was initiated. The limits for retrospective transfer dates are provided in clause 6.9.

(n) Withdraw a change of retailer transaction request at any time until the transfer is completed in CATS.

The current FRMP must:

(o) On receipt of a request from the new FRMP, for an agreement to retrospectively transfer on a previous meter read, respond to the request within 2 business days.

The current FRMP may:

(p)   Object to the change request in accordance with the objection rules provided in clause 6.10.

6.5   LNSP Obligations

The current LNSP must:

(a)   Provide the new MDP with the average daily load on request of that MDP.

(b)   In the case of a move-in, verify that the site is energised and if not facilitate the energisation of the site on the proposed transfer date. The LNSP may energise the site up to 2 days earlier. It is expected that requests for energisation will be made through a separate process between the retailer and the LNSP to ensure that the transfer process does not delay the energisation of the site for the consumer (or otherwise required by jurisdictional requirements).

(c)   On receipt of a data request, initiate a change request to provide some or all of the following information:

LR	ROLR	TNI code
DLF code	NMI classification code	Jurisdiction code
NMI status code		

(d)   Respond to a data request from the MSATS system for data within 1 day of the date of the data request.

The current LNSP may:

(e)   Object to the change request in accordance with the objection rules provided in clause 6.10.

6.6   MDP Obligations

The MDP must:

(a)   Once the transfer has completed, 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.

(b)   On receipt of a data request for change reason codes 1000, 1010, 1030 or 1040, initiate a change request to provide the actual change date.

    1.   If the NMI classification is LARGE, the actual change date must be the date nominated as the proposed date by the new FRMP unless the date nominated is inappropriate, in which case the MDP must advise the new FRMP of the reason why the proposed date is inappropriate and mutually agree on what the actual change date should be.

(c)   For prospective changes that do not require a meter read, provide the actual change date within 2 days of the actual change date being reached.

(d)   For changes that require a meter read, provide the actual change date within 2 days of the meter read.

(e)   For retrospective changes, where the rules specify that an Actual Change Date is required, ensure that the actual change date submitted is no earlier than the time limit specified by the jurisdiction for the change reason code on the change request.

    For example, if the jurisdictional time frame for a change reason code is 10 days, then the actual change date must be no earlier than 10 days prior to the date the data request was received, even if MSATS would allow an earlier date.

(f)   Where the NMI classification is SMALL, where the read type code requires the next scheduled read date or the special read date, forward the meter read taken at this time to the current FRMP, new FRMP, current LR and current LNSP.

(g)   Where the NMI classification is SMALL, if the next scheduled read date or special read date nominated by the new FRMP as the proposed date is not within a date range that is two (2) business days prior to or two (2) business days subsequent to the scheduled reading date, or the retrospective proposed date nominated by the new FRMP does not correspond to a read date, the MDP must object to the change request.

(h)   Where the NMI classification is SMALL, if the next scheduled read or special read does not occur within a date range that is three business days before or two business days after the

special read date or the published next scheduled read date the MDP must advise the new FRMP of the meter read failure within 2 days and await instructions from the FRMP.

(i)   Where the NMI classification is SMALL, if the read type code requires an estimate read, prepare the estimate read and submit this value to the MSATS system as the actual change date (not for a retrospective change).

(j)   Where the NMI classification is SMALL, if the read type code requires a consumer read, obtain the consumer read from the new FRMP and submit this value to the MSATS system as the actual change date (not for a retrospective change).

(k)   Where the NMI classification is SMALL if the read type code does not require a read, validate that the metering installation type code is identified as a type 1, type 2, type 3, type 4 or type 7 metering installation. If an error is identified, advise the new FRMP.

(l)   Where the NMI classification is SMALL, for retrospective changes where the rules specify that an Actual Change Date is required, where the meter read occurred prior to the change request being submitted, provide the actual change date within 2 days of receipt of the data request.

(m)   Where the NMI classification is SMALL, if requested by the new FRMP and allowed in that jurisdiction, carry out an actual meter read within the time periods specified in the relevant *Metrology Procedure* (Part A & B).

(n)   Where the NMI classification is LARGE, validate that the metering installation type code is identified as a type 1, type 2, type 3 or type 4 metering installation. If an error is identified, advise the new FRMP and await instructions.

(o)   Where the NMI classification is LARGE, for retrospective changes that do not require a meter read, provide the actual change date within 2 days of receipt of the data request.

> **The MDP may:**

(p)   Object to the change request in accordance with the objection rules provided in clause 6.10.

6.7   RP Obligations

> **The new RP must:**

(a)   Change the name of the current RP using change reason code 6300 if this change has not been performed by the new FRMP.

(b)   Ensure that the names of the new MPB and new MPC are recorded in the MSATS system, using change reason code 6700, prior to the actual change date.

(c)   Ensure that the name of the new MDP is recorded in the MSATS system, using change reason code 6200, prior to the actual change date.

> **The new RP may:**

(d)   Provide a change request which changes the names of the MPB and MPC.

(e)   Object to the change request in accordance with the objection rules provided in clause 6.10.

6.8   MPB Obligations

> **The MPB must:**

(a)   On receipt of a data request for change reason codes 1000, 1010, 1020, 1030 or 1040, initiate a change request to provide some or all of the following information within 2 business days of receipt of the data request:

Meter Installation Type Code	Meter Serial Number	Meter Status
Register ID	Register ID Status	Actual Cumulative Indicator
Dial Format	Multiplier	Network Tariff Code
Time Of Day	Unit of Measure	Controlled Load

6.9   Time Frame Rules

(a)   The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 6-A.

(b)   When preparing an initial change request, the new FRMP must choose, for any given change reason code, a proposed change date that lies between the prospective business day and the retrospective business day limits.

Table 6-A – Time frame rules

CR Code 1000 – Change Retailer				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	5	20	0	65
CR Code 1010 – Change Retailer - Retrospective Align to Meter Read				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	5	20	10	0
CR Code 1020 – Change Retailer-Retro-Long Term/Error (not SMALL)				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	5	20	130	0
CR Code 1030 – Change Retailer - Move-In				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	5	20	0	65
CR Code 1040 – Change Retailer - Move-In - Retrospective				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	5	20	10	0

6.10 Objection Rules

(a) The valid objection rules for the change reason codes identified in clause 6.1 are specified in Table 6-B.

Table 6-B – Objection rules[**]

CR Code 1000 – Change Retailer

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	Yes	Yes	-	-	Yes	-	-	Yes
BADPARTY	ALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
DECLINED	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-
NOTAPRD	ALL	ALL	-	-	-	-		-	-	-	-	-	-	-	-	Yes
DATEBAD	ALL	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
NOACC	SMALL	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
DEBT	ALL	QLD	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
	SMALL	VIC														
CONTRACT	LARGE	QLD	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-

CR Code 1010 – Change Retailer - Retrospective Align to Meter Read

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	Yes	Yes	-	-	Yes	-	-	Yes
BADPARTY	SMALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
DECLINED	SMALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-
NOTAPRD	SMALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
DATEBAD	SMALL	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
DEBT	SMALL	QLD	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
		VIC														
RETRO	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-

CR Code 1020 – Change Retailer-Retro-Long Term / Error (not SMALL)

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	LARGE	ALL	-	-	-	-	Yes	Yes	-	-	-	-	Yes	-	-	Yes
BADPARTY	LARGE	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
DECLINED	LARGE	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-
NOTAPRD	LARGE	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
DATEBAD	LARGE	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
RETRO	LARGE	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
DEBT	LARGE	QLD	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
CONTRACT	LARGE	QLD	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-

CR Code 1030 – Change Retailer - Move-In

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	Yes	Yes	-	-	Yes	-	-	Yes
BADPARTY	ALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
DECLINED	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-
NOTAPRD	ALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
NOACC	SMALL	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-

CR Code 1040 – Change Retailer - Move-In - Retrospective

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	Yes	Yes	-	-	Yes	-	-	Yes
BADPARTY	ALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
DECLINED	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-
NOTAPRD	ALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
DATEBAD	ALL	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
NOACC	SMALL	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-

[**]   N = New role, C = Current role.

6.11   Change Request Status Notification Rules

(a)   The valid change request status notification rules for the change reason codes identified in clause 6.1 are specified in Table 6-C.

Table 6-C – Change request status notification rules[**]

CR Code 1000 – Change Retailer CR Code 1010 – Change Retailer - Retrospective Align to Meter Read CR Code 1030 – Change Retailer - Move-In CR Code 1040 – Change Retailer - Move-In - Retrospective PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change													
Status	**FRMP**		**LR**		**LNSP**		**MDP**		**MPB**		**RoLR**		**RP**	
Change	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**
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
REQUESTED	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes

CR Code 1020 - Change Retailer-Retro-Long Term / Error (not SMALL) PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change													
Status	**FRMP**		**LR**		**LNSP**		**MDP**		**MPB**		**RoLR**		**RP**	
Change	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**
CANCELLED	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
PENDING	Yes	Yes	-	-	-	Yes	Yes	Yes	-	-	-	-	Yes	Yes
REJECTED	Yes	Yes	-	-	-	Yes	Yes	Yes	-	-	-	-	Yes	Yes
REQUESTED	Yes	Yes	-	-	-	Yes	Yes	Yes	-	-	-	-	Yes	Yes

[**]   N = New role, C = Current role.

7. CHANGE RETAILER - ERROR CORRECTIONS – SMALL NMIS

7.1 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 SMALL[1]). More information about this change request is provided in Chapter 6, page 53.

This procedure applies to the following change reason codes:

- **1021 – Error Correction - Missed CR1500**

  This code is to be 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**

  This code is to be 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 - LNSP set up wrong Retailer in MSATS**

  This code is to be used where the LNSP has nominated an incorrect retailer on a newly created NMI. This is limited to incorrect CR 2000, 2001, 2500, 2501 and the equivalent embedded network codes.

- **1024 – Transfer missed**

  This is a situation 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 NMI and not all of them were transferred. The error correction transaction will be used to transfer the other NMI(s) missed.

  - Re-energisation of customer site, with or without customer notification (customer request to Retailer.)

- **1025 – Transferred in Error**

  This is a situation where the current retailer transferred the NMI in error and requests the new retailer to transfer it back. A wrong NMI was selected by the current retailer to transfer.

- **1026 – Cooled Off**

  This is a situation where a customer signs a contract with a new retailer. The customer 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**

  This is a situation where a customer 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**

  A person at the site signs a contract with a New Retailer. The current account holder for the premises then discovers this and does not wish to transfer.

- **1029 – Other Error Corrections (NMI Class SMALL only)**

  This change reason code could be 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.

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

7.2 Conditions Precedent

(a) The NMI already exists in MSATS. If the NMI does not already exist in MSATS, the retailer should refer to chapter 12 "Create a NMI" and seek LNSP action to establish the NMI.

(b) The NMI classification code is SMALL. This chapter applies to the metering installations types 4, 5, 6, or 7.

(c) The date of the transfer of retailer from the current FRMP to the new FRMP will be the actual change date.

(d) The actual change date is to be established in accordance with the read type code submitted to the MSATS system by the new FRMP.

7.3 Initiation Rules

(a) A new FRMP may initiate a change request to effect a change of retailer in accordance with clause 7.4.

(b) The new FRMP must use one of the following change reason codes 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028 or 1029 to establish an initial change request.

7.4 FRMP Obligations

The new FRMP must:

(a) Comply with the *consumer consent* provisions of the relevant jurisdiction for the NMI.

(b) Obtain the NMI checksum from an approved source.

(c) Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(d) Submit a change request to CATS to initiate the transfer of the consumer for which the new retailer has obtained an explicit informed consent.

(e) Populate the initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
Their participant ID	Proposed change date	New MDP
Read type code		

(f) Nominate itself as the new FRMP.

(g) If advised by the new MDP that a meter reading can not be obtained in response to a read type code for next scheduled read date or a special read date, must either:

  1. Withdraw the transfer request; or

  2. Advise the MDP to read the meter on the next scheduled read date or propose a special read date.

(h) If advised by the new MDP that the next scheduled read date or a special read date is invalid, must either:

  1. Advise the MDP of a valid date; or

  2. Withdraw the transfer request.

The new FRMP may:

(i) Populate the initial change request with the identity of the following roles:

RP	MPB	MPC

  or leave this action to the new RP to complete.

(j) Populate the initial change request with:

Actual end date		

(k) For retrospective transfers, nominate, in accordance with clause 7.4(e), a proposed change date which is retrospective to the date on which the change request was initiated. The limits for retrospective transfer dates are provided in clause 7.9.

(l)   Withdraw a change of retailer transaction request at any time until the transfer is completed in CATS.

The current FRMP may:

(m)   Object to the change request in accordance with the objection rules provided in clause 7.10.

7.5   LNSP Obligations

The current LNSP must:

(a)   Provide the new MDP with the average daily load on request of that MDP.

(b)   In the case of a move-in, verify that the site is energised and if not facilitate the energisation of the site on the proposed transfer date. The LNSP may energise the site up to 2 days earlier. It is expected that requests for energisation will be made through a separate process between the retailer and the LNSP to ensure that the transfer process does not delay the energisation of the site for the consumer (or otherwise required by jurisdictional requirements).

(c)   On receipt of a data request, initiate a change request to provide some or all of the following information:

LR	ROLR	TNI code
DLF code	NMI classification code	Jurisdiction code
NMI status code		

(d)   Respond to a data request from the MSATS system for data within 1 day of the date of the data request.

The current LNSP may:

(e)   Object to the change request in accordance with the objection rules provided in clause 7.10.

7.6   MDP Obligations

The new MDP must:

(a)   Once the transfer has completed, 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.

(b)   Where the read type code requires the next scheduled read date or the special read date, forward the meter read taken at this time to the current FRMP, new FRMP, current LR and current LNSP.

(c)   If the next scheduled read date or special read date nominated by the new FRMP as the proposed date is not within a date range that is three business days before or two business days after the date that the meter is proposed to be read, the MDP must advise the new FRMP within 2 days of receipt of the initial change request and await instructions from the FRMP.

(d)   If the next scheduled read or special read does not occur within a date range that is three business days before or two business days after the nominated proposed change date the MDP must advise the new FRMP of the meter read failure within 2 days and await instructions from the FRMP.

(e)   If the read type code requires an estimate read, prepare the estimate read and submit this value to the MSATS system as the actual change date (not for a retrospective change).

(f)   If the read type code requires a consumer read, obtain the consumer read from the new FRMP and submit this value to the MSATS system as the actual change date (not for a retrospective change).

(g)   If the read type code does not require a read, validate that the metering installation type code is identified as a type 1, type 2, type 3, type 4 or type 7 metering installation. If an error is identified, advise the new FRMP.

(h)   For prospective changes that do not require a meter read, provide the actual change date within 1 day of the actual change date being reached.

(i)   For changes that require a meter read, provide the actual change date within 1 day of the meter read.

For example, if the jurisdictional time frame for a change reason code is 10 days, then the actual change date must be no earlier than 10 days prior to the date the data request was received, even if MSATS would allow an earlier date.

(j) If requested by the new FRMP and allowed in that jurisdiction, carry out an actual meter read within the time periods specified in the *Metrology Procedure* (Part A & B).

The current and new MDP may:

(k) Object to the change request in accordance with the objection rules provided in clause 7.10.

7.7   RP Obligations

The new RP must:

(a) Change the name of the current RP using change reason code 6300 if this change has not been performed by the new FRMP.

(b) Ensure that the names of the new MPB and new MPC are recorded in the MSATS system, using change reason code 6700, prior to the actual change date.

The current and new RPs may:

(c) Provide a change request which changes the names of the MPB and MPC.

(d) Object to the change request in accordance with the objection rules provided in clause 7.10.

7.8   MPB Obligations

The MPB must:

(a) On receipt of a data request for change reason codes 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028 or 1029 initiate a change request to provide some or all of the following information within 2 business days of receipt of the data request:

Meter Installation Type Code	Meter Serial Number	Meter Status
Register ID	Register ID Status	Actual Cumulative Indicator
Dial Format	Multiplier	Network Tariff Code
Time Of Day	Unit of Measure	Controlled Load

7.9   Time Frame Rules

(a) The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 7-A .

(b) When preparing an initial change request, the new FRMP must choose, for any given change reason code, a proposed change date that lies between the prospective business day and the retrospective business day limits.

Table 7-A – Time frame rules

CR Code 1021 – Error correction - Missed CR1500			
CR Code 1022 – Incorrect transfer date			
CR Code 1023 – New NMI - LNSP set up wrong retailer in MSATS			
CR Code 1024 – Transfer missed			
CR Code 1025 – Transferred in error			
CR Code 1026 – Cooled Off			
CR Code 1027 – Customer moves out on or before CR completion date			
CR Code 1028 – Non-account holder signs contract			
CR Code 1029 – Other error corrections (NMI Class SMALL only)			
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	5	20	130	0

7.10   Objection Rules

(a)   The valid objection rules for the change reason codes identified in clause 7.1 are specified in Table 7-B.

Table 7-B – Objection rules[**]

CR Code 1021 – Error Correction - Missed CR1500																
CR Code 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
DATEBAD	SMALL	ALL	-	Yes	-	-	Yes	-	-	-	-	-	-	-	-	-
DECLINED	SMALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-
NOTAPRD	SMALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
NOTRANS	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
DEBT	SMALL	VIC QLD	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-

CR Code 1023 – New NMI - LNSP set up wrong Retailer in MSATS																
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	-	-	-	-	-	-	-	-	-
DECLINED	SMALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-
NOTAPRD	SMALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
CRCODE	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-

CR Code 1024 – Transfer missed																
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	-	-	-	-	-	-	-	-	-
DECLINED	SMALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-
NOTAPRD	SMALL	ALL	-		-	-	-	-	-	-	-	-	-	-	-	Yes
CRCODE	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
NOTAWARE	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
DEBT	SMALL	VIC QLD	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-

CR Code 1025 – Transferred in Error
CR Code 1026 – Cooled Off
CR Code 1027 – Customer Moves Out on or before CR completion date
CR Code 1028 – Non-account holder signs contract

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	-	-	-	-	-	-	-	-	-
DECLINED	SMALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-
NOTAPRD	SMALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
CRCODE	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
NOTAWARE	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
NOTRANS	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
DEBT	SMALL	VIC QLD	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-

CR Code 1029 – Other Error Corrections (NMI Class 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	-	-	-
NOTAPRD	SMALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
RETRO	SMALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
BADMETER	SMALL	ALL	-	-	-	-	-	-	-	-	-	-	-	Yes	-	Yes
BADPARTY	SMALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	Yes	-	-
DEBT	SMALL	VIC QLD	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-

** N = New role, C = Current role.

7.11 Change Request Status Notification Rules

(a) The valid change request status notification rules for the change reason codes identified in clause 7.1 are specified in Table 7-C.

Table 7-C – Change request status notification rules[**]

CR Code 1021 – Error Correction - Missed CR1500
CR Code 1022 – Incorrect transfer date
CR Code 1023 – New NMI - LNSP set up wrong retailer in MSATS
CR Code 1024 – Transfer missed
CR Code 1025 – Transferred in Error
CR Code 1026 – Cooled Off
CR Code 1027 – Customer Moves Out on or before CR completion date
CR Code 1028 – Non-account holder signs contract
CR Code 1029 – Other Error Corrections (NMI Class SMALL only)
PARTICIPANT ROLE & ROLE STATUS – 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
COMPLETED	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes
OBJECTED	Yes	Yes	-	-	-	Yes	Yes	Yes	-	-	-	-	Yes	Yes
PENDING	Yes	Yes	-	-	-	Yes	Yes	Yes	-	-	-	-	Yes	Yes
REJECTED	Yes	Yes	-	-	-	Yes	Yes	Yes	-	-	-	-	Yes	Yes
REQUESTED	Yes	Yes	-	-	-	Yes	Yes	Yes	-	-	-	-	Yes	Yes

** N = New role, C = Current role.

8. CHANGE RETAILER WHERE FRMP IS NOT THE RP – LARGE

8.1 Application [1050 1051]

This procedure applies to the following change reason codes:

- **1050 – Change Retailer - FRMP not RP (not SMALL)**

  This is the situation where a new FRMP obtains the consent of the consumer to take responsibility for the supply of electricity to that connection point. The date of transfer would be a nominal prospective date. The NMI could transfer from a Tier-1 site to a Tier-2 site, or from a Tier-2 site to another Tier-2 site, or from a Tier-2 site to a Tier-1 site.

- **1051 – Change Retailer - Retrospective - FRMP not RP (not SMALL)**

  This is the situation where a new FRMP obtains the consent of the consumer to take responsibility for the supply of electricity to that connection point. The date of transfer could be a date agreed by the current and new FRMP (a retrospective date). The NMI could transfer from a Tier-1 site to a Tier-2 site, or from a Tier-2 site to another Tier-2 site, or from a Tier-2 site to a Tier-1 site.

8.2 Conditions Precedent

(a) The NMI exists in the MSATS system. If the NMI does not already exist in MSATS, the retailer should refer to chapter 12 "Create a NMI" and seek LNSP action to establish the NMI.

(b) The NMI classification code is LARGE.

(c) Chapter 8 relates only to change reason codes 1050 or 1051.

(d) The date of the transfer of retailer from the current FRMP to the new FRMP will be the actual change date.

(e) The actual change date is to be established in accordance with the read type code submitted to the MSATS system by the new FRMP.

(f) The new FRMP is not the new RP.

8.3 Initiation Rules

(a) A new FRMP may initiate a change request to effect a change of retailer in accordance with clause 8.4.

(b) The new FRMP must use one of the following change reason codes 1050 or 1051 to establish an initial change request.

8.4 FRMP Obligations

The new FRMP must:

(a) Comply with the consumer consent provisions of the relevant jurisdiction for the NMI.

(b) Obtain the NMI checksum from an approved source.

(c) Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(d) Submit a change request to CATS to initiate the transfer of the consumer for which the new retailer has obtained an explicit informed consent.

(e) Populate the initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	Proposed change date	RP
MDP	Read type code	

(f) Nominate itself as the new FRMP.

The new FRMP may:

(g) Populate the initial change request with the identity of the following roles:

MPB	MPC	

or leave this action to the new RP to complete.

(h) For change reason code 1051 (retrospective), populate the initial change request with:

Actual end date		

(i) Nominate, in accordance with clause 8.4(e), a proposed change date, which is retrospective to the date on which the change request was initiated. The limits for retrospective transfer dates are provided in clause 8.9.

(j) Withdraw a change of retailer transaction request at any time until the transfer is completed in CATS.

The current FRMP may:

(k) Object to the change request in accordance with the objection rules provided in clause 8.10.

8.5   LNSP Obligations

The current LNSP must:

(a) Provide the new MDP with the average daily load on request of that MDP.

(b) In the case of a move-in, verify that the site is energised and if not facilitate the energisation of the site on the proposed transfer date or up to 2 days early. It is expected that requests for energisation will be made through a separate process between the retailer and the LNSP to ensure that the transfer process does not delay the energisation of the site for the consumer.

(c) Respond to a request from the MSATS system for data within 1 day of the date of the data request.

The current LNSP may:

(d) Object to the change request in accordance with the objection rules provided in clause 8.10.

8.6   MDP Obligations

The new MDP must:

(a) Once the transfer has completed, set up the NMI suffix(s) so that they become active on the actual change date.

(b) On receipt of a data request for change reason codes 1050 or 1051 initiate a change request to provide the actual change date, which must be the date nominated as the proposed date by the new FRMP unless the date nominated is inappropriate, in which case the MDP must advise the new FRMP of the reason why the proposed date is inappropriate and mutually agree on what the actual change date should be.

(c) Validate that the metering installation type code is identified as a type 1, type 2, type 3 or type 4 metering installation. If an error is identified, advise the new FRMP and await instructions.

(d) For prospective changes that do not require a meter read, provide the actual change date within 2 days of the actual change date being reached.

(e) For changes that require a meter read, provide the actual change date within 2 days of the meter read.

(f) For retrospective changes where the rules specify that an Actual Change Date is required, ensure that the actual change date submitted is no earlier than the time limit specified by the jurisdiction for the change reason code on the change request.

(g) For example, if the jurisdictional time frame for a change reason code is 10 days, then the actual change date must be no earlier than 10 days prior to the date the data request was received, even if MSATS would allow an earlier date.

> **The new MDP may:**

(h)   Object to the change request in accordance with the objection rules provided in clause 8.10.

8.7   RP Obligations

> **The new RP must:**

(a)   Ensure that the name of the new MPB is recorded in the MSATS system, using change reason code 6700, prior to the actual change date.

> **The new RP may:**

(b)   Provide a change request with its participant identifier, and the names of the MPB and MPC.

(c)   Object to the change request in accordance with the objection rules provided in clause 8.10.

8.8   MPB Obligations

> **The MPB must:**

(a)   On receipt of a data request for change reason codes 1050 or 1051, initiate a change request to provide some or all of the following information within 2 business days of receipt of the data request:

Meter Installation Type Code	Meter Serial Number	Meter Status
Register ID	Register ID Status	Actual Cumulative Indicator
Dial Format	Multiplier	Network Tariff Code
Time Of Day	Unit of Measure	Controlled Load

8.9   Time Frame Rules

(a)   The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 8-A.

(b)   When preparing an initial change request, the new FRMP must choose, for any given change reason code, a proposed change date that lies between the prospective business day and the retrospective business day limits.

Table 8-A – Time frame rules

CR Code 1050 – Change Retailer - FRMP not RP (not SMALL)				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	5	20	0	65
CR Code 1051 – Change Retailer - Retrospective - FRMP not RP (not SMALL)				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	5	20	130	0

8.10   Objection Rules

(a)   The valid objection rules for the change reason codes identified in clause 8.1 are specified in Table 8-B.

Table 8-B – Objection rules[**]

Objection Code	NMI Class	Jur'n	FRMP N	FRMP C	LR N	LR C	MDP N	MDP C	MPB N	MPB C	MPC N	MPC C	RP N	RP C	LNSP N	LNSP C
CR Code 1050 – Change Retailer - FRMP not RP (not SMALL)																
BADMETER	LARGE	ALL	-	-	-	-	Yes	Yes	Yes	Yes	-	-	Yes	-	-	Yes
BADPARTY	LARGE	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
DECLINED	LARGE	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-
NOTAPRD	LARGE	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
DATEBAD	LARGE	ALL	-	-	-	-	Yes	-	-	-	-	-	-	-	-	-
DEBT	LARGE	QLD	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
CONTRACT	LARGE	QLD	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
CR Code 1051 – Change Retailer - Retrospective - FRMP not RP (not SMALL)																
BADMETER	LARGE	ALL	-	-	-	-	Yes	Yes	-	-	-	-	Yes	-	-	Yes
BADPARTY	LARGE	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
DECLINED	LARGE	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-
NOTAPRD	LARGE	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
RETRO	LARGE	ALL	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
DATEBAD	LARGE	ALL	-	-	-	-	Yes	-	-	-	-	-	-	-	-	-
DEBT	LARGE	QLD	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
CONTRACT	LARGE	QLD	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-

[**]   N = New role, C = Current role.

8.11 Change Request Status Notification Rules

(a) The valid change request status notification rules for the change reason codes identified in clause 8.1 are specified in Table 8-C.

Table 8-C – Change request status notification rules[**]

CR Code 1050 – FRMP not RP (not SMALL)													
CR Code 1051 – Change Retailer - Retrospective - FRMP not RP (not SMALL)													
PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change													
Status Change	FRMP N	FRMP C	LR N	LR C	LNSP N	LNSP C	MDP N	MDP C	MPB N	MPB C	MPC N	MPC C	RP N	RP C
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
REQUESTED	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes

Note: the Status Change table header columns are FRMP, LR, LNSP, MDP, MPB, MPC, RP each split into N / C.

[**]   N = New role, C = Current role.

9. CHANGE RETAILER – EMBEDDED NETWORKS – SMALL OR LARGE

9.1 Application [1080 1081 1082 1083 1084]

This procedure applies to the following change reason codes:

- **1080 – Change Retailer - Child NMI**

  This is the situation where a new FRMP obtains the consent of the consumer who is connected to an embedded network. The date of transfer would be a nominal prospective date. The NMI could transfer from a Tier-1 site to a Tier-2 site, or from a Tier-2 site to another Tier-2 site, or from a Tier-2 site to a Tier-1 site.

- **1081 – Change Retailer - Child NMI - Retrospective Align Meter Rd**

  This is the situation where a new FRMP obtains the consent of the consumer who is connected to an embedded network. The date of transfer would be the date of the last meter read (a retrospective date). The NMI could transfer from a Tier-1 site to a Tier-2 site, or from a Tier-2 site to another Tier-2 site, or from a Tier-2 site to a Tier-1 site.

- **1082 – Change Retailer Child - Retro: Long Term / Error**

  This is the situation where a new FRMP obtains the consent of the consumer who is connected to an embedded network. The date of transfer could be a date agreed by the current and new FRMP (a retrospective date) where the actual transfer date was in error. In addition, and for the Victorian jurisdiction only, the date of transfer could be a date agreed by the current and new FRMP (a retrospective date) to which both parties agree that the transfer should have been effected. The NMI could transfer from a Tier-1 site to a Tier-2 site, or from a Tier-2 site to another Tier-2 site, or from a Tier-2 site to a Tier-1 site.

- **1083 – Change Retailer Child NMI - Move-In**

  This is the situation where a new FRMP obtains the consent of the consumer who is connected to an embedded network. The date of transfer would be a prospective date of move-in. The NMI could transfer from a Tier-1 site to a Tier-2 site, or from a Tier-2 site to another Tier-2 site, or from a Tier-2 site to a Tier-1 site.

- **1084 – Change Retailer Child NMI - Move-In - Retro**

  This is the situation where a new FRMP obtains the consent of the consumer who is connected to an embedded network. The date of transfer would be a retrospective date of move-in. The NMI could transfer from a Tier-1 site to a Tier-2 site, or from a Tier-2 site to another Tier-2 site, or from a Tier-2 site to a Tier-1 site.

9.2 Conditions Precedent

(a)   The NMI exists in the MSATS system. If the NMI does not already exist in MSATS, the retailer should refer to chapter 13 "Create NMI - Create NMI Embedded Network (child)" and seek [whatever the new term for ENLR is] action to establish the NMI.

(b)   The NMI classification code is SMALL or LARGE.

(c)   Chapter 9 relates only to change reason codes 1080, 1081 (SMALL only), 1082, 1083 or 1084.

(d)   The date of the transfer of retailer from the current FRMP to the new FRMP will be the actual change date.

(e)   The actual change date is to be established in accordance with the read type code submitted to the MSATS system by the new FRMP.

9.3 Initiation Rules

(a)   A new FRMP may initiate a change request to effect a change of retailer in accordance with clause 9.4.

(b)   The new FRMP must use one of the following change reason codes 1080, 1081 (SMALL only), 1082, 1083 or 1084 to establish an initial change request.

9.4   FRMP Obligations

The new FRMP must:

(a)   Comply with the *consumer consent* provisions of the relevant jurisdiction for the NMI.

(b)   Obtain agreement from the current FRMP to retrospectively transfer a consumer on a previous meter read (applies to CR1081).

(c)   Obtain the NMI checksum from an approved source.

(d)   Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(e)   Submit a change request to CATS to initiate the transfer of the consumer for which the new retailer has obtained an explicit informed consent.

(f)   Populate the initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
Their participant ID	Proposed change date	New RP
Read type code		

(g)   For change reason codes 1080, 1081, 1082, 1083 and 1084, where the new FRMP is the RP, and if the MDP is changing, populate the initial change request with the following additional information:

MDP		

(h)   Nominate itself as the new FRMP.

(i)   Where the NMI classification is SMALL, if advised by the new MDP or current MDP that a meter reading can not be obtained in response to a read type code for next scheduled read date or a special read date, must either:

　　1.   Withdraw the transfer request; or

　　2.   Advise the MDP to read the meter on the next scheduled read date or propose a special read date.

(j)   Where the NMI classification is SMALL, if advised by the new MDP or current MDP that the next scheduled read date or a special read date is invalid, must either:

　　1.   Advise the MDP of a valid date; or

　　2.   Withdraw the transfer request.

The new FRMP may:

(k)   Populate the initial change request with the identity of the following roles:

MPB	MPC	

or leave this action to the new RP to complete.

(l)   For change reason code 1082 (retrospective), populate the initial change request with:

Actual end date		

(m)   Nominate, in accordance with clause 9.4(f), a proposed change date which is retrospective to the date on which the change request was initiated. The limits for retrospective transfer dates are provided in clause 9.9.

(n)   Withdraw a change of retailer transaction request at any time until the transfer is completed in CATS.

The current FRMP must:

(o)   On receipt of a request from the new FRMP, for an agreement to retrospectively transfer on a previous meter read, respond to the request within 2 business days.

The current FRMP may:

(p)   Object to the change request in accordance with the objection rules provided in clause 9.10.

9.5 ENLR Obligations

The current ENLR must:

(a) Provide the new or the current MDP with the average daily load on request of that MDP.

(b) In the case of a move-in, verify that the site is energised and if not facilitate the energisation of the site on the proposed transfer date or up to 2 days early. It is expected that requests for energisation will be made through a separate process between the retailer and the LNSP to ensure that the transfer process does not delay the energisation of the site for the consumer, in accordance with jurisdictional requirements.

(c) On receipt of a data request, initiate a change request to provide some or all of the following information:

ROLR	TNI code	DLF code
NMI classification code	Jurisdiction code	NMI status code
Embedded Network Child name		

(d) Respond to a data request from the MSATS system for data within 1 day of the date of the data request.

The current ENLR may:

(e) Object to the change request in accordance with the objection rules provided in clause 9.10.

9.6 MDP Obligations

The MDP must:

(a) Once the transfer has completed, set up the NMI suffix(s) so that they become active on the actual change date.

(b) On receipt of a data request for change reason codes 1080, 1081, 1083 or 1084, initiate a change request to provide the actual change date.

    1. Where the NMI classification is LARGE, it must be the date nominated as the proposed date by the new FRMP unless the date nominated is inappropriate, in which case the MDP must advise the new FRMP of the reason why the proposed date is inappropriate and mutually agree on what the actual change date should be.

(c) If the read type code does not require a read, validate that the metering installation type code is identified as a type 1, type 2, type 3 or type 4 metering installation. If an error is identified, advise the new FRMP.

(d) For prospective changes that do not require a meter read, provide the actual change date within 2 days of the actual change date being reached.

(e) For retrospective changes that do not require a meter read, provide the actual change date within 2 days of receipt of the data request.

(f) For retrospective changes, ensure that the actual change date submitted is no earlier than the time limit specified by the jurisdiction for the change reason code on the change request.

    For example, if the jurisdictional time frame for a change reason code is 10 days, then the actual change date must be no earlier than 10 days prior to the date the data request was received, even if MSATS would allow an earlier date.

(g) For changes that require a meter read, provide the actual change date within 2 days of the meter read.

(h) Where the NMI classification is SMALL, where the read type code requires the next scheduled read date or the special read date, forward the meter read taken at this time to the current FRMP, new FRMP, current LR.

(i) Where the NMI classification is SMALL, if the next scheduled read date or special read date nominated by the new FRMP as the proposed date is not within a date range that is two (2) business days prior to or two (2) business days subsequent to the scheduled reading date, or the retrospective proposed date nominated by the new FRMP does not correspond to a read date, the MDP must object to the change request.

(j)   Where the NMI classification is SMALL, if the next scheduled read or special read does not occur within a date range that is three business days before or two business days after the special read date or next scheduled read date the MDP must advise the new FRMP of the meter read failure within 2 days and await instructions from the FRMP.

(k)   Where the NMI classification is SMALL, if the read type code requires an estimate read, prepare the estimate read and submit this value to the MSATS system as the actual change date.

(l)   Where the NMI classification is SMALL, if the read type code requires a consumer read, obtain the consumer read from the new FRMP and submit this value to the MSATS system as the actual change date (only if allowed by the jurisdiction).

(m)   If the NMI classification is SMALL, for retrospective changes, where the meter read occurred prior the change request being submitted, provide the actual change date 2 days of receipt of the data request.

(n)   If the NMI classification is SMALL, if requested by the new FRMP, carry out an actual meter read within the time periods specified in the *Metrology Procedure*(Part A& B) (only if allowed by the jurisdiction).

The MDP may:

(o)   Object to the change request in accordance with the objection rules provided in clause 9.10.

9.7   RP Obligations

The new RP must:

(a)   Change the name of the current RP using change reason code 6300 if this change has not been performed by the new FRMP.

(b)   Ensure that the names of the new MPB and new MPC are recorded in the MSATS system, using change reason code 6700, prior to the actual change date.

(c)   Ensure that the name of the new MDP is recorded in the MSATS system, using change reason code 6200, prior to the actual change date.

The RP may:

(d)   Provide a change request with its participant identifier, and the names of the MPB and MPC.

(e)   Object to the change request in accordance with the objection rules provided in clause 9.10.

9.8   MPB Obligations

The MPB must:

(a)   On receipt of a data request for change reason codes 1080 1081, 1082, 1083 or 1084, initiate a change request to provide some or all of the following information within 2 business days of receipt of the data request:

Meter Installation Type Code	Register ID Status	Network Tariff Code
Meter Serial Number	Actual Cumulative Indicator	Time Of Day
Meter Status	Dial Format	Unit of Measure
Register ID	Multiplier	Controlled Load

9.9   Time Frame Rules

(a)   The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 9-A.

(b)   When preparing an initial change request, the new FRMP must choose, for any given change reason code, a proposed change date that lies between the prospective business day and the retrospective business day limits.

Table 9-A – Time frame rules

CR Code 1080 – Change Retailer - Child NMI				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL**	5	20	0	65

CR Code 1081 – Change Retailer - Child NMI - Retrospective - Align Meter Rd				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL**	5	20	10	0

CR Code 1082 – Change Retailer Child - Retro: Long Term / Error						
Jurisdiction	Objection Logging Business Days		Objection Clearing Business Days		Retrospective Business Days	Prospective Business Days
	Small NMI	Large NMI	Small NMI	Large NMI		
ALL**	5		20		130	0
ACT**		3		10	130	0
NSW		3		10	130	0
VIC		5		20	130	0
QLD**		5		20	130	0
SA		5		20	130	0

CR Code 1083 – Change Retailer Child NMI - Move-In				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL**	5	20	0	65

CR Code 1084 – Change Retailer Child NMI - Move-In - Retro				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL**	5	20	10	0

**   The ACT and Tasmanian regulators have not approved the use of embedded networks in their respective Jurisdictions. QLD jurisdiction has not approved embedded networks for "SMALL" consumers and has determined that there will be no new embedded networks for "LARGE" consumers.

9.10 Objection Rules

(a) The valid objection rules for the change reason codes identified in clause 9.1 are specified in Table 9-B.

Table 9-B – Objection rules[**]

CR Code 1080 – Change Retailer - Child NMI																
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	Yes	Yes	Yes	-	-	Yes	-	-	-
NOTAPRD	ALL	ALL	-	-	-	Yes	-	-	-	-	-	-	-	-	-	-
BADPARTY	ALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
BADPARTY	LARGE	NSW												Yes		
DECLINED	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-
DECLINED	LARGE	NSW												Yes		
NOACC	SMALL	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
DEBT	SMALL	VIC	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-

CR Code 1081 – Change Retailer - Child NMI - Retrospective Align Meter Rd

Objection Code	NMI Class	Jur'n	FRMP N	FRMP C	LR N	LR C	MDP N	MDP C	MPB N	MPB C	ROLR N	ROLR C	RP N	RP C	LNSP N	LNSP C
BADMETER	SMALL	ALL	-	-	-	Yes	Yes	Yes	Yes	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	-	-	-	-	-	-	-	-	-	-	-	-

CR Code 1082 – Change Retailer Child - Retro: Long Term / Error

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

CR Code 1083 – Change Retailer Child NMI - Move-In

Objection Code	NMI Class	Jur'n	FRMP N	FRMP C	LR N	LR C	MDP N	MDP C	MPB N	MPB C	ROLR N	ROLR C	RP N	RP C	LNSP N	LNSP C
BADMETER	ALL	ALL	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	-	-	-
BADPARTY	ALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
BADPARTY	LARGE	NSW	-	-	-	-	-	-	-	-	-	-	Yes	Yes	-	-
DECLINED	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-
DECLINED	LARGE	NSW	-	-	-	-	Yes	-	-	-	-	-	Yes	Yes	-	-
NOTAPRD	ALL	ALL	-	-	-	Yes	-	-	-	-	-	-	-	-	-	-
NOACC	SMALL	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-

CR Code 1084 – Change Retailer Child NMI - Move-In – Retro

Objection Code	NMI Class	Jur'n	FRMP N	FRMP C	LR N	LR C	MDP N	MDP C	MPB N	MPB C	ROLR N	ROLR C	RP N	RP C	LNSP N	LNSP C
BADMETER	ALL	ALL	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	-	-	-
BADPARTY	ALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
BADPARTY	LARGE	NSW	-	-	-	-	-	-	-	-	-	-	Yes	Yes	-	-
DECLINED	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-
DECLINED	LARGE	NSW	-	-	-	-	Yes	-	-	-	-	-	Yes	Yes	-	-
NOTAPRD	ALL	ALL	-	-	-	Yes	-	-	-	-	-	-	-	-	-	-
DATEBAD	ALL	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
NOACC	SMALL	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-

**   N = New role, C = Current role.

9.11   Change Request Status Notification Rules

(a)   The valid change request status notification rules for the change reason codes identified in clause 9.1 are specified in Table 9-C.

Table 9-C – Change request status notification rules[**]

CR Code 1080 – Change Retailer - Child NMI CR Code 1081 – Change Retailer - Child NMI - Retrospective Align Meter Rd CR Code 1083 – Change Retailer Child NMI - Move-In CR Code 1084 – Change Retailer Child NMI - Move-In - Retrospective PARTICIPANT ROLE & ROLE STATUS – 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
COMPLETED	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes
OBJECTED	Yes	Yes	-	-	-	-	Yes	Yes	Yes	Yes	-	-	Yes	Yes
PENDING	Yes	Yes	-	-	-	-	Yes	Yes	Yes	Yes	-	-	Yes	Yes
REJECTED	Yes	Yes	-	-	-	-	Yes	Yes	-	-	-	-	Yes	Yes
REQUESTED	Yes	Yes	-	-	-	-	Yes	Yes	Yes	Yes	-	-	Yes	Yes

1082 – Change Retailer Child - Retro: Long Term / Error PARTICIPANT ROLE & ROLE STATUS – 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
COMPLETED	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes
OBJECTED	Yes	Yes	-	-	-	-	Yes	Yes	-	-	-	-	Yes	Yes
PENDING	Yes	Yes	-	-	-	-	Yes	Yes	-	-	-	-	Yes	Yes
REJECTED	Yes	Yes	-	-	-	-	Yes	Yes	-	-	-	-	Yes	Yes
REQUESTED	Yes	Yes	-	-	-	-	Yes	Yes	-	-	-	-	Yes	Yes

**   N = New role, C = Current role.

10. CHANGE RETAILER – EMBEDDED NETWORK - WHERE FRMP IS NOT THE RP – LARGE

10.1 Application [1090 1091]

This procedure applies to the following change reason codes:

- **1090 – Change Retailer - ENC Large - FRMP not RP**

  This is the situation where a new FRMP obtains the consent of the consumer who is connected to an embedded network. The date of transfer would be a nominal prospective date. The NMI could transfer from a Tier-1 site to a Tier-2 site, or from a Tier-2 site to another Tier-2 site, or from a Tier-2 site to a Tier-1 site.

- **1091 – Change Retailer - ENC Large - FRMP not RP - Retro**

  This is the situation where a new FRMP obtains the consent of the consumer who is connected to an embedded network. The date of transfer could be a date agreed by the current and new FRMP (a retrospective date). In addition, and for the Victorian jurisdiction only, the date of transfer could be a date agreed by the current and new FRMP (a retrospective date) to which both parties agree that the transfer should have been effected. The NMI could transfer from a Tier-1 site to a Tier-2 site, or from a Tier-2 site to another Tier-2 site, or from a Tier-2 site to a Tier-1 site.

10.2 Conditions Precedent

(a) The NMI exists in the MSATS system. If the NMI does not already exist in MSATS, the retailer should refer to chapter 13 "Create NMI Embedded Network (child) - Small OR LARGE" and seek LNSP action to establish the NMI.

(b) The NMI classification code is LARGE.

(c) Chapter 10 relates only to change reason codes 1090 or 1091.

(d) The date of the transfer of retailer from the current FRMP to the new FRMP will be the actual change date.

(e) The actual change date is to be established in accordance with the read type code submitted to the MSATS system by the new FRMP.

(f) The new FRMP is not the new RP.

10.3 Initiation Rules

(a) A new FRMP may initiate a change request to effect a change of retailer in accordance with clause 10.4.

(b) The new FRMP must use one of the following change reason codes 1090 or 1091 to establish an initial change request.

10.4 FRMP Obligations

The new FRMP must:

(a) Comply with the consumer consent provisions of the relevant jurisdiction for the NMI.

(b) Obtain the NMI checksum from an approved source.

(c) Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(d) Submit a change request to CATS to initiate the transfer of the consumer for which the new retailer has obtained an explicit informed consent.

(e) Populate the initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
Their participant ID	Proposed change date	RP
MDP	Read type code	

(f)   Nominate itself as the new FRMP.

The new FRMP may:

(g)   Populate the initial change request with the identity of the following roles:

MPB	MPC	

or leave this action to the new RP to complete.

(h)   For change reason code that are retrospective, populate the initial change request with:

Actual end date		

(i)   Nominate, in accordance with clause 10.4(e), a proposed change date, which is retrospective to the date on which the change request was initiated. The limits for retrospective transfer dates are provided in clause 10.9.

(j)   Withdraw a change of retailer transaction request at any time until the transfer is completed in CATS.

The current FRMP may:

(k)   Object to the change request in accordance with the objection rules provided in clause 10.10.

10.5   ENLR Obligations

The current ENLR must:

(a)   Provide the new MDP with the average daily load on request of that MDP.

(b)   In the case of a move-in, verify that the site is energised and if not facilitate the energisation of the site on the proposed transfer date or up to 2 days early. It is expected that requests for energisation will be made through a separate process between the retailer and the LNSP to ensure that the transfer process does not delay the energisation of the site for the consumer.

(c)   If data is not already contained in the MSATS system, receive the data request for the following data items:

LR	ROLR	TNI code
DLF code	NMI classification code	Jurisdiction code
NMI status code		

(d)   Respond to a request from the MSATS system for data within 1 day of the date of the data request.

The current ELNR may:

(e)   Object to the change request in accordance with the objection rules provided in clause 10.10.

10.6   MDP Obligations

The new MDP must:

(a)   Once the transfer has completed, set up the NMI suffix(s) so that they become active on the actual change date.

(b)   On receipt of a data request for change reason codes 1090 or 1091 initiate a change request to provide the actual change date, which must be the date nominated as the proposed date by the new FRMP unless the date nominated is inappropriate, in which case the MDP must advise the new FRMP of the reason why the proposed date is inappropriate and mutually agree on what the actual change date should be.

(c)   Validate that the metering installation type code is identified as a type 1, type 2, type 3 or type 4 metering installation. If an error is identified, advise the new FRMP and await instructions.

(d)   For prospective changes that do not require a meter read, provide the actual change date within 2 days of the actual change date being reached.

(e)   For changes that require a meter read, provide the actual change date within 2 days of the meter read.

(f) For retrospective changes where the rules specify that an Actual Change Date is required, ensure that the actual change date submitted is no earlier than the time limit specified by the jurisdiction for the change reason code on the change request.

(g) For example, if the jurisdictional time frame for a change reason code is 10 days, then the actual change date must be no earlier than 10 days prior to the date the data request was received, even if MSATS would allow an earlier date.

The new MDP may:

(h) Object to the change request in accordance with the objection rules provided in clause 10.10.

10.7 RP Obligations

The new RP must:

(a) Change the name of the current RP using change reason code 6300 if this change has not been performed by the new FRMP.

(b) Ensure that the name of the new MPB is recorded in the MSATS system, using change reason code 6700, prior to the actual change date.

The new RP may:

(c) Provide a change request with its participant identifier, and the names of the MPB and MPC.

(d) Object to the change request in accordance with the objection rules provided in clause 10.10.

10.8 MPB Obligations

The MPB must:

(a) On receipt of a data request for change reason codes 1090 or 1091, initiate a change request to provide some or all of the following information within 2 business days of receipt of the data request:

Meter Installation Type Code	Register ID Status	Network Tariff Code
Meter Serial Number	Actual Cumulative Indicator	Time Of Day
Meter Status	Dial Format	Unit of Measure
Register ID	Multiplier	Controlled Load

10.9 Time Frame Rules

(a) The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 10-A.

(b) When preparing an initial change request, the new FRMP must choose, for any given change reason code, a proposed change date that lies between the prospective business day and the retrospective business day limits.

Table 10-A – Time frame rules

CR Code 1090 – Change Retailer - ENC Large - FRMP not RP				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL**	5	20	0	65
CR Code 1091 – Change Retailer - ENC Large - FRMP not RP - Retro				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL**	5	20	130	0

** The ACT and Tasmanian regulators have not approved the use of embedded networks in their respective Jurisdictions. QLD jurisdiction has determined that there will be no new embedded networks for "LARGE" consumers.

10.10   Objection Rules

(a)   The valid objection rules for the change reason codes identified in clause 10.1 are specified in Table 10-B.

Table 10-B – Objection rules[**]

CR Code 1090 – Change Retailer - ENC Large - FRMP not RP																
Objection Code	**NMI Class**	**Jur'n**	**FRMP**		**LR**		**MDP**		**MPB**		**MPC**		**RP**		**LNSP**	
			N	C	N	C	N	C	N	C	N	C	N	C	N	C
BADMETER	LARGE	ALL	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	-	-	-
BADPARTY	LARGE	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
		NSW												Yes		
DECLINED	LARGE	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-
		NSW												Yes		
NOTAPRD	LARGE	ALL	-	-	-	Yes	-	-	-	-	-	-	-	-	-	-

CR Code 1091 – Change Retailer - ENC Large - FRMP not RP - Retro																
Objection Code	**NMI Class**	**Jur'n**	**FRMP**		**LR**		**MDP**		**MPB**		**MPC**		**RP**		**LNSP**	
			N	C	N	C	N	C	N	C	N	C	N	C	N	C
BADMETER	LARGE	ALL	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	-	-	-
BADPARTY	LARGE	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
		NSW												Yes		
DECLINED	LARGE	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-
		NSW												Yes		
NOTAPRD	LARGE	ALL	-	-	-	Yes	-	-	-	-	-	-	-	-	-	-
DATEBAD	LARGE	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-

[**]   N = New role, C = Current role.

10.11   Change Request Status Notification Rules

(a)   The valid change request status notification rules for the change reason codes identified in clause 10.1 are specified in Table 10-C.

Table 10-C – Change request status notification rules[**]

CR Code 1090 – Change Retailer - ENC Large - FRMP not RP CR Code 1091 – Change Retailer - ENC Large - FRMP not RP - Retro PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change													
Status Change	**FRMP**		**LR**		**LNSP**		**MDP**		**MPB**		**MPC**		**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
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
REQUESTED	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes

[**]   N = New role, C = Current role.

11. PROVIDE DATA – PROVIDE ACTUAL CHANGE DATE – SMALL OR LARGE

11.1 Application [1500]

This procedure applies to the following change reason code:

- **1500 – Provide Actual Change Date (MDP)**

    This is the situation where the MDP is required to provide the MSATS system with the actual change date that specifies the date on which the change on the related change request will take effect..

11.2 Conditions Precedent

(a) The NMI exists in the MSATS system.

(b) The FRMP has initiated a related change request requiring an actual change date.

(c) The NMI classification code is SMALL or LARGE.

(d) The MDP has received a data request from the MSATS system for the provision of the actual change date.

(e) There are no objections allowed for this change reason code and NMI classification.

(f) Chapter 11 relates only to change reason code 1500.

11.3 Initiation Rules

(a) The MDP may initiate a change request to submit an actual change date to the MSATS system in accordance with clause 11.4.

(b) The MDP must use change reason code 1500 to provide the actual change date.

11.4 MDP Obligations

The MDP must:

(a) Obtain the NMI checksum from an approved source.

(b) Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c) Provide the Actual Change Date to MSATS within 2 days of reading the meter or otherwise prescribed by the relevant jurisdiction. In the case of a retrospective transaction, it is to be provided within 2 days of notification.

(d) Populate an initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	**Actual change date**	**Related change request ID**
MDP		

11.5 Time Frame Rules

(a) The valid time frame rules for each jurisdiction for the change reason code are shown in the Table 11-A. Note that the time frame rules in Table 11-A do not override the MDP obligation in clause 11.4(c).

Table 11-A – Time frame rules

CR Code 1500 – Provide Actual Change Date (MDP)				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	0	0	20	0

11.6   Objection Rules

(a)   There are no objections.

11.7   Change Request Status Notification Rules

(a)   The valid change request status notification rules for the change reason codes identified in clause 11.1 are specified in Table 11-B.

Table 11-B – Change request status notification rules[**]

	CR Code 1500 – Provide Actual Change Date (MDP) PARTICIPANT ROLE & ROLE STATUS – 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPLETED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OBJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENDING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REJECTED	-	-	-	-	-	-	Yes	Yes	-	-	-	-	-	-
REQUESTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-

[**]   N = New role, C = Current role.

12. CREATE NMI – CREATE A NMI – SMALL OR LARGE

12.1 Application [2000 2001 2003]

This procedure applies to the following change reason codes:

- **2000 – Create NMI Details**

  This is the situation where the new LNSP establishes the initial set of information in the MSATS system in regard to a connection point. The date at which the information will apply would be a prospective date.

- **2001 – Create NMI Details - Retrospective**

  This is the situation where the new LNSP establishes the initial set of information in the MSATS system in regard to a connection point. The date at which the information will apply would be a retrospective date.

- **2003 – Create NMI Details - Retrospective (Tier 1 only)**

  This is the situation where the new LNSP establishes the initial set of information in the MSATS system in regard to a connection point for a connection point that is a tier 1 connection point. The date at which the information will apply would be a retrospective date.

  This change request is related to change request 2001 but has different notification rules.

12.2 Conditions Precedent

(a) The NMI does not exist in MSATS.

(b) The NMI classification code is SMALL or LARGE.

(c) Chapter 12 relates only to change reason codes 2000, 2001 and 2003.

12.3 Initiation Rules

(a) A new LNSP may initiate a change request to create a NMI record in the MSATS system in accordance with clause 12.4.

(b) The new LNSP must use one of the following change reason codes 2000 or 2001 to establish an initial change request.

12.4 LNSP Obligations

The new LNSP must:

(a) Obtain the NMI checksum from an approved source.

(b) Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c) Populate an initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	Proposed change date	TNI code
DLF code	NMI classification code	Jurisdiction code
FRMP (as nominated)	LR	ROLR
RP	MDP	MPB
MPC	NMI status code	Locality
State	Postcode	

(d) Nominate itself as the new LNSP.

(e) Populate the initial change request with values for the following address fields (as appropriate):

EITHER

DPID	Flat number	Flat type
Floor number	Floor type	House number
House number suffix	Location descriptor	Lot number
Street name	Street suffix	Street type

OR

Unstructured address 1	Unstructured address 2	Unstructured address 3

The new LNSP may:

(f)   Populate the initial change request with the following information:

Embedded network parent name	Building name	Feeder Class
Customer Threshold Code		

12.5   MPB Obligations

The new MPB must:

(a)   On receipt of the change request status notification for the completed status, provide the metering installation type code to the MSATS system using change reason code 3000 or 3001.

12.6   Time Frame Rules

(a)   The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 12-A.

Table 12-A – Time frame rules

CR Code 2000 – Create NMI Details						
Jurisdiction	Objection Logging Business Days		Objection Clearing Business Days		Retrospective Business Days	Prospective Business Days
	Small NMI	Large NMI	Small NMI	Large NMI		
ALL	1	5	10	20	0	65
CR Code 2001 – Create NMI Details - Retrospective						
Jurisdiction	Objection Logging Business Days		Objection Clearing Business Days		Retrospective Business Days	Prospective Business Days
ALL	1		10		130	0
CR Code 2003 – Create NMI Details – Retrospective (Tier 1 Only)						
Jurisdiction	Objection Logging Business Days		Objection Clearing Business Days		Retrospective Business Days	Prospective Business Days
ALL	1		10		130	0

12.7   Objection Rules

(a)   The valid objection rules for the change reason codes identified in clause 12.1 are specified in Table 12-B.

Table 12-B – Objection rules[**]

			CR Code 2000 – Create NMI Details												
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
BADPARTY	ALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
NOTRESP	SMALL	ALL	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-
	LARGE												-			

Objection Code	NMI Class	Jur'n	FRMP N	FRMP C	LR N	LR C	MDP N	MDP C	MPB N	MPB C	ROLR N	ROLR C	RP N	RP C	LNSP N	LNSP C
CR Code 2001 – Create NMI Details - Retrospective																
BADPARTY	ALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
NOTRESP	SMALL	ALL	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-
NOTRESP	LARGE	ALL	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	-	-
RETRO	ALL	ALL	Yes	-	Yes	-	-	-	-	-	-	-	-	-	-	-

CR Code 2003 – Create NMI Details – Retrospective (Tier 1 Only)

Objection Code	NMI Class	Jur'n	FRMP N	FRMP C	LR N	LR C	MDP N	MDP C	MPB N	MPB C	ROLR N	ROLR C	RP N	RP C	LNSP N	LNSP C
NOTRESP	All	All	Yes	-	-	-	-	-	-	-	-	-	-	-	-	-

**   N = New role, C = Current role.

12.8 Change Request Status Notification Rules

(a) The valid change request status notification rules for the change reason codes identified in clause 12.1 are specified in Table 12-C.

Table 12-C – Change request status notification rules*

CR Code 2000 – Create NMI Details
CR Code 2001 – Create NMI Details - Retrospective
PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change

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

CR Code 2003 – Create NMI Details - Retrospective (Tier 1 Only)
PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change

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

**   N = New role, C = Current role.

13.   CREATE NMI – CREATE NMI EMBEDDED NETWORK (CHILD) - SMALL OR LARGE

13.1   Application [2020 2021]

This procedure applies to the following change reason codes:

- **2020 – Create NMI Details - Embedded Network Child**

    This is the situation where the new LR establishes the initial set of information in the MSATS system in regard to a connection point that is, or will be, connected to an embedded network. The date at which the information will apply would be a prospective date.

- **2021 – Create NMI Details - Embedded Network Child - Retrospective**

    This is the situation where the new LR establishes the initial set of information in the MSATS system in regard to a connection point that is, or will be, connected to an embedded network. The date at which the information will apply would be a retrospective date.

13.2   Conditions Precedent

(a)   The NMI does not exist in MSATS.

(b)   The NMI classification code is SMALL or LARGE.

(c)   Chapter 13 relates only to change reason codes 2020 and 2021.

13.3   Initiation Rules

(a)   A new LR for these change reason codes will be a new FRMP who has taken on the role of parent for an embedded network (i.e. is acting in the role of embedded network local retailer (ENLR)).

(b)   A new LR may initiate a change request to create a NMI record in the MSATS system in accordance with clause 13.4.

(c)   The new LR must use one of the following change reason codes 2020 or 2021 to establish an initial change request.

13.4   ENLR Obligations

The new ENLR must:

(a)   Obtain the NMI checksum from an approved source.

(b)   Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c)   Populate an initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	Proposed change date	TNI code
DLF code	NMI classification code	Jurisdiction code
Embedded network child name	FRMP (as nominated)	LR
ROLR	RP	MDP
MPB	MPC	NMI status code
Locality	State	Postcode
The LNSP as "NRNSP" or as the LNSP		

(d)   Populate the initial change request with values for the following address fields (as appropriate):

   EITHER

DPID	Flat number	Flat type
Floor number	Floor type	House number
House number suffix	Location descriptor	Lot number
Street name	Street suffix	Street type

OR

Unstructured address 1	Unstructured address 2	Unstructured address 3

The new ENLR may

(e)   Populate the initial change request with the following information:

Embedded network parent name	Building name	Feeder Class
Customer Threshold Code		

13.5   MPB Obligations

The new MPB must:

(a)   On receipt of the change request status notification for the completed status, provide the metering installation type code to the MSATS system using change reason code 3000 or 3001.

13.6   Time Frame Rules

(a)   The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 13-A.

Table 13-A – Time frame rules

CR Code 2020 – Create NMI Details - Embedded Network Child						
Jurisdiction	Objection Logging Business Days		Objection Clearing Business Days		Retrospective Business Days	Prospective Business Days
	Small NMI	Large NMI	Small NMI	Large NMI		
ALL**	1	5	10	20	0	65
CR Code 2021 – Create NMI Details - Embedded Network Child - Retro						
Jurisdiction	Objection Logging Business Days		Objection Clearing Business Days		Retrospective Business Days	Prospective Business Days
	Small NMI	Large NMI	Small NMI	Large NMI		
ALL**	1	5	10	20	130	0

**   The ACT and Tasmanian regulators have not approved the use of embedded networks in their respective Jurisdictions. QLD jurisdiction has not approved embedded networks for "SMALL" consumers and has determined that there will be no new embedded networks for "LARGE" consumers.

13.7 Objection Rules

(a) The valid objection rules for the change reason codes identified in clause 13.1 are specified in Table 13-B.

Table 13-B – Objection rules[**]

CR Code 2020 – Create NMI Details - Embedded Network Child																
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
BADPARTY	SMALL	NSW VIC SA	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
	LARGE	ALL														
NOTRESP	SMALL	NSW VIC SA	Yes	-	-	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-
	LARGE	ALL														

CR Code 2021 – Create NMI Details - Embedded Network Child - Retro																
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
BADPARTY	SMALL	NSW VIC SA	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
	LARGE	ALL														
NOTRESP	SMALL	NSW VIC SA	Yes	-	-	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-
RETRO	SMALL	NSW VIC SA	Yes	-	-	-	-	-	-	-	-	-	-	-	-	-
	LARGE	ALL														

[**]   N = New role, C = Current role.

13.8 Change Request Status Notification Rules

(a) The valid change request status notification rules for the change reason codes identified in clause 13.1 are specified in Table 13-C.

Table 13-C – Change request status notification rules[**]

CR Code 2020 – Create NMI Details - Embedded Network Child CR Code 2021 – Create NMI Details - Embedded Network Child - Retro PARTICIPANT ROLE & ROLE STATUS – 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	-
COMPLETED	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-
OBJECTED	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes	-
PENDING	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes	-
REJECTED	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes	-
REQUESTED	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes	-

[**]   N = New role, C = Current role.

14. CREATE NMI – CREATE NMI, METERING INSTALLATION DETAILS AND MDM DATASTREAM – SMALL OR LARGE

14.1 Application [2500 2501]

This procedure applies to the following change reason codes:

- **2500 – Create NMI, Datastream + Meter Details**

  This is the situation where the new LNSP is able to provide the datastream and metering installation details at the same time it establishes the initial set of information in the MSATS system in regard to a connection point. The date at which the information will apply would be a prospective date.

- **2501 – Create NMI, Datastream, + Meter Details - Retrospective**

  This is the situation where the new LNSP is able to provide the datastream and metering installation details at the same time it establishes the initial set of information in the MSATS system in regard to a connection point. The date at which the information will apply would be a retrospective date.

14.2 Conditions Precedent

(a)   The NMI does not exist in MSATS.

(b)   The NMI classification code is SMALL or LARGE.

(c)   Chapter 14 relates only to change reason codes 2500 and 2501.

14.3 Initiation Rules

(a)   If the new LNSP meets the condition imposed by clause 14.2 then the new LNSP may initiate a change request to create a NMI, metering installation details and MDM datastream in the MSATS system in accordance with clause14.4.

(b)   The new LNSP must use one of the following change reason codes 2500 or 2501 to establish an initial change request.

14.4 LNSP Obligations

The new LNSP must:

(a) Obtain the NMI checksum from an approved source.

(b) Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c) Populate an initial change request with the following information:

Change reason code	**Participant transaction ID**	**NMI and NMI checksum**
CATS participant ID	**Proposed change date**	**TNI code**
DLF code	**NMI classification code**	**Jurisdiction code**
FRMP (as nominated)	**LR**	**ROLR**
RP	**MDP**	**MPB**
MPC	**NMI status code**	**Locality**
State	**Postcode**	**Meter serial ID (at least one)**
Metering installation type (for each meter)	**Meter status (for each meter)**	**Register ID (at least one for each meter)**
Register ID status (for each register)	**Network tariff code**	**Actual / cumulative indicator (for each register)**
Controlled load indicator (for each register)	**Dial format (for each register)**	**Multiplier value (for each register)**
Time of day code (for each register)	**Unit of measure code (for each register)**	**NMI suffix (at least one)**
Datastream type (for each suffix)	**Profile name (for each suffix)**	**Daily average load (for each suffix)**
Datastream status code (for each suffix)		

(d) Nominate itself as the new LNSP.

(e) Provide the average daily load if this value is not otherwise provided by the new FRMP.

(f) Populate the initial change request with values for the following address fields (as applicable),

EITHER

DPID	**Flat number**	**Flat type**
Floor number	**Floor type**	**House number**
House number suffix	**Location descriptor**	**Lot number**
Street name	**Street suffix**	**Street type**

OR

Unstructured address 1	**Unstructured address 2**	**Unstructured address 3**

The new LNSP may:

(g) Populate the initial change request with the following information:

Embedded network parent name	**Building name**	**Feeder Class**
Customer Threshold Code		

(h)   Populate the initial change request with the following information for each meter:

Additional site information	Next scheduled read date	Meter location
Meter hazard	Meter route	Meter use
Meter point	Meter manufacturer	Meter model
Transformer location	Transformer type	Transformer ratio
Meter constant	Last test date	Next test date
Test result accuracy	Test result notes	Test performed by
Measurement type	Meter program	Meter read type
Remote phone number	Communication equipment type	Communication protocol
Data conversion arrangements	Data validation arrangements	Estimation instructions
Asset management plan details	Calibration tables (details of any calibration factors programmed into the meter)	Password details (the read and time set passwords only, separated by a space; the write password is not to be recorded in MSATS)
Test and calibration program details	User access rights details (i.e. details of any end-use customer access to the metering installation such as pulse outputs)	

(i)   Populate the initial change request with the following information for each register:

Network tariff code additional information	Demand value 1, if the network tariff charge includes a demand component	Demand value 2, if the network tariff charge includes a second demand component
MDM contributory suffix (this can also be supplied by the MDP)		

14.5   Time Frame Rules

(a)   The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 14-A.

Table 14-A – Time frame rules

CR Code 2500 – Create NMI, Datastream + Meter Details						
Jurisdiction	Objection Logging Business Days		Objection Clearing Business Days		Retrospective Business Days	Prospective Business Days
	Small NMI	Large NMI	Small NMI	Large NMI		
ALL	1	5	10	20	0	65
CR Code 2501 – Create NMI, Datastream + Meter Details - Retro						
Jurisdiction	Objection Logging Business Days		Objection Clearing Business Days		Retrospective Business Days	Prospective Business Days
	Small NMI	Large NMI	Small NMI	Large NMI		
ALL	1	5	10	20	130	0

14.6   Objection Rules

(a)   The valid objection rules for the change reason codes identified in clause 14.6 are specified in Table 14-B.

Table 14-B – Objection rules[**]

Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		ROLR		RP		LNSP	
CR Code 2500 – Create NMI, Datastream + Meter Details																
			N	C	N	C	N	C	N	C	N	C	N	C	N	C
BADMETER	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	-	-	-	-
BADPARTY	SMALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
BADPARTY	LARGE	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NOTRESP	ALL	ALL	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-
CR Code 2501 – Create NMI, Datastream + Meter Details - Retro																
			N	C	N	C	N	C	N	C	N	C	N	C	N	C
BADMETER	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	-	-	-	-
BADPARTY	ALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
NOTRESP	ALL	ALL	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-
RETRO	ALL	ALL	Yes		Yes	-	-	-	-	-	-	-	-	-	-	-

** N = New role, C = Current role.

14.7 Change Request Status Notification Rules

(a) The valid change request status notification rules for the change reason codes identified in clause 14.1 are specified in Table 14-C.

Table 14-C – Change request status notification rules[**]

Status Change	FRMP		LR		LNSP		MDP		MPB		RoLR		RP	
CR Code 2500 – Create NMI, Datastream + Meter Details **CR Code 2501 – Create NMI, Datastream + Meter Details - Retro** **PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change**														
	N	C	N	C	N	C	N	C	N	C	N	C	N	C
CANCELLED	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes	-
COMPLETED	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes	-
OBJECTED	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes	-
PENDING	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes	-
REJECTED	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes	-
REQUESTED	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes	-

** N = New role, C = Current role.

15. CREATE NMI – CREATE NMI, METERING INSTALLATION DETAILS AND MDM DATASTREAM FOR EMBEDDED NETWORK (CHILD) – SMALL OR LARGE

15.1 Application [2520 2521]

This procedure applies to the following change reason codes:

- **2520 – Create NMI, D/stream + Meter Details Embedded - NC (Network Child)**

  This is the situation where the new LR is able to provide the datastream and metering installation details at the same time it establishes the initial set of information in the MSATS system in regard to a connection point that is connected to an embedded network. The date at which the information will apply would be a prospective date.

- **2521 – Create NMI, D/stream + Meter - Embedded NC - Retro**

  This is the situation where the new LR is able to provide the datastream and metering installation details at the same time it establishes the initial set of information in the MSATS system in regard to a connection point that is connected to an embedded network. The date at which the information will apply would be a retrospective date.

15.2 Conditions Precedent

(a) The NMI does not exist in MSATS.

(b) The NMI classification code is SMALL or LARGE.

(c) Clause 15 relates only to change reason codes 2520 and 2521.

15.3 Initiation Rules

(a) A new LR may initiate a change request to create a NMI, metering installation details and MDM datastream for an embedded network in the MSATS system in accordance with clause 15.4.

(b) The new LR must use one of the following change reason codes 2520 or 2521 to establish an initial change request.

(c) The LR in this case is the *Embedded Network Local Retailer* (see glossary and section 45 for definitions).

15.4 LR Obligations

The new LR must:

(a) Obtain the NMI checksum from an approved source.

(b) Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c) Populate an initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	Proposed change date	TNI code
DLF code	NMI classification code	Jurisdiction code
FRMP (as nominated)	LR	ROLR
RP	MDP	MPB
MPC	LNSP; as "NRNSP" or as the LNSP	NMI status code
Embedded network child name	Locality	State

Postcode	Meter serial ID (at least one)	Metering installation type (for each meter)
Meter status (for each meter)	Register ID (at least one for each meter)	Register ID status (for each register)
Network tariff code	Actual / cumulative indicator (for each register)	Controlled load indicator (for each register)
Dial format (for each register)	Multiplier value (for each register)	Time of day code (for each register)
Unit of measure code (for each register)	NMI suffix (at least one)	Datastream type (for each suffix)
Profile name (for each suffix)	Daily average load (for each suffix)	Datastream status code (for each suffix)

(d)   Nominate itself as the new LR.

(e)   Populate the initial change request with values for the following address fields (as applicable):

EITHER:

DPID	Flat number	Flat type
Floor number	Floor type	House number
House number suffix	Location descriptor	Lot number
Street name	Street suffix	Street type

OR

Unstructured address 1	Unstructured address 2	Unstructured address 3

The new LR may

(f)   Populate the initial change request with the following information:

Embedded network parent name	Building name	Feeder Class
Customer Threshold Code		

(g)   Populate the initial change request with the following information for each meter:

Additional site information	Next scheduled read date	Meter location
Meter hazard	Meter route	Meter use
Meter point	Meter manufacturer	Meter model
Transformer location	Transformer type	Transformer ratio
Meter constant	Last test date	Next test date
Test result accuracy	Test result notes	Test performed by
Measurement type	Meter program	Meter read type
Remote phone number	Communication equipment type	Communication protocol
Data conversion arrangements	Data validation arrangements	Estimation instructions

Asset management plan details	Calibration tables (details of any calibration factors programmed into the meter)	Password details (the read and time set passwords only, separated by a space; the write password is not to be recorded in MSATS)
Test and calibration program details	User access rights details (i.e. details of any end-use customer access to the metering installation such as pulse outputs)	

(h)   Populate the initial change request with the following information for each register:

Network tariff code additional information	Demand value 1, if the network tariff charge includes a demand component	Demand value 2, if the network tariff charge includes a second demand component
MDM contributory suffix (this can also be supplied by the MDP)		

15.5   Time Frame Rules

(a)   The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 15-A.

Table 15-A – Time frame rules

CR Code 2520 – Create NMI, D/stream + Meter Details for Embedded NC (Network Child)						
Jurisdiction	Objection Logging Business Days		Objection Clearing Business Days		Retrospective Business Days	Prospective Business Days
	Small NMI	Large NMI	Small NMI	Large NMI		
ALL**	1	5	10	20	0	65
CR Code 2521 – Create NMI, D/stream + Meter - Embedded NC – Retro						
Jurisdiction	Objection Logging Business Days		Objection Clearing Business Days		Retrospective Business Days	Prospective Business Days
	Small NMI	Large NMI	Small NMI	Large NMI		
ALL**	1	5	10	20	130	0

**   The ACT and Tasmanian regulators have not approved the use of embedded networks in their respective Jurisdictions. QLD jurisdiction has not approved embedded networks for "SMALL" consumers and has determined that there will be no new embedded networks for "LARGE" consumers.

15.6   Objection Rules

(a)   The valid objection rules for the change reason codes identified in clause 15.1 are specified in Table 15-B.

Table 15-B – Objection rules[**]

CR Code 2520 – Create NMI, D/stream + Meter Details - Embedded NC (Network Child)																
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	-	-	-	-	-	-	-	-	-
BADPARTY	ALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
NOTRESP	ALL	ALL	Yes	-	-	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-

CR Code 2521 – Create NMI, D/stream + Meter - Embedded NC - Retro																
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	-	-	-	-	-	-	-	-	-
BADPARTY	ALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
NOTRESP	ALL	ALL	Yes	-	-	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-
RETRO	SMALL	NSW VIC SA	Yes	-	-	-	-	-	-	-	-	-	-	-	-	-
	LARGE	ALL														

** N = New role, C = Current role.

15.7 Change Request Status Notification Rules

(a) The valid change request status notification rules for the change reason codes identified in clause 15.1 are specified in Table 15-C.

Table 15-C – Change request status notification rules[**]

CR Code 2520 – Create NMI, D/stream + Meter Details - Embedded NC (Network Child) **CR Code 2521 – Create NMI, D/stream + Meter - Embedded NC - Retro** **PARTICIPANT ROLE & ROLE STATUS – 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	-
COMPLETED	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-
OBJECTED	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes	-
PENDING	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes	-
REJECTED	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes	-
REQUESTED	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes	-

** N = New role, C = Current role.

16. MAINTAIN METERING – CREATE METERING INSTALLATION DETAILS – SMALL OR LARGE

16.1 Application [3000 3001 3003]

This procedure applies to the following change reason codes:

- **3000 – Create Metering Installation Details**

  This is the situation where the current MPB establishes the initial set of information in the MSATS system in regard to the metering installation details, and there is no associated meter removal for the NMI for the same effective date. The date at which the information will apply would be a prospective date.

- **3001 – Create Metering Installation Details – Retrospective**

  This is the situation where the current MPB establishes the initial set of information in the MSATS system in regard to the metering installation details, and there is no associated meter removal for the NMI for the same effective date. The date at which the information will apply would be a retrospective date.

- **3003 – Create Meter Details - Retrospective (Tier 1 only)**

  This is the situation where the current MPB establishes the initial set of information in the MSATS system in regard to the metering installation details, and there is no associated meter removal for the NMI for the same effective date for a connection point that is a tier 1 connection point. The date at which the information will apply would be a retrospective date.

  This change request is related to change request 3001 but has different notification rules.

16.2 Conditions Precedent

(a) The NMI exists in the MSATS system.

(b) The metering installation details do not exist in MSATS.

(c) The NMI classification code is SMALL or LARGE.

(d) There are no objections allowed for this change reason code and NMI classification.

(e) Chapter 16 relates only to change reason codes 3000, 3001 and 3003.

(f) In order to use change reason code 3003, the NMI must have been a tier 1 NMI for all its life.

16.3 Initiation Rules

(a) A current MPB may initiate a change request to create metering installation records in the MSATS system in accordance with clause 16.4.

(b) The current MPB must use one of the following change reason codes 3000, 3001 or 3003 to establish an initial change request.

16.4 MPB Obligations

The current MPB must:

(a) Obtain the NMI checksum from an approved source.

(b) Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c) Populate an initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	Proposed change date	Meter serial ID (at least one)
Metering installation type (for each meter)	Meter status (for each meter)	Register ID (at least one for each meter)
Register ID status (for	Actual / cumulative indicator (for each	Controlled load indicator

each register ID)	**register ID)**	**(for each register ID)**
Dial format (for each register ID)	**Multiplier value (for each register ID)**	**Time of day code (for each register ID)**
Unit of measure code (for each register ID)		

The current MPB may:

(d)   Populate the initial change request with the following information for each meter:

Additional site information	**Network tariff code (for each register ID)**	**Next scheduled read date**
Meter location	**Meter hazard**	**Meter route**
Meter use	**Meter point**	**Meter manufacturer**
Meter model	**Transformer location**	**Transformer type**
Transformer ratio	**Meter constant**	**Last test date**
Next test date	**Test result accuracy**	**Test result notes**
Test performed by	**Measurement type**	**Meter program**
Meter read type	**Remote phone number**	**Communication equipment type**
Communication protocol	**Data conversion arrangements**	**Data validation arrangements**
Estimation instructions	**Asset management plan details**	**Calibration tables (details of any calibration factors programmed into the meter)**
Password details (the read and time set passwords only, separated by a space; the write password is not to be recorded in MSATS)	**Test and calibration program details**	**User access rights details (i.e. details of any end-use customer access to the metering installation such as pulse outputs)**

(e)   Populate the initial change request with the following information for each register:

Network tariff code additional information	**MDM contributory suffix (this can also be supplied by the MDP)**	**Demand value 1, if the network tariff charge includes a demand component**
Demand value 2, if the network tariff charge includes a second demand component		

(f)   For change reason codes that are retrospective, populate the initial change request with the following information:

Actual end date		

16.5   Time Frame Rules

(a)   The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 16-A.

Table 16-A – Time frame rules

CR Code 3000 – Create Meter Details				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	0	0	0	65
CR Code 3001 – Create Meter Details - Retrospective **CR Code 3003 – Create Meter Details – Retrospective (Tier 1 Only)**				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	0	0	140	0

16.6   Objection Rules

(a)   There are no objections.

16.7   Change Request Status Notification Rules

(a)   The valid change request status notification rules for the change reason codes identified in clause 16.1 are specified in Table 16-B.

Table 16-B – Change request status notification rules[**]

CR Code 3000 – Create Meter Details Cr Code 3001 – Create Meter Details – Retrospective PARTICIPANT ROLE & ROLE STATUS – 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	-	-	-	-
COMPLETED	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes
OBJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENDING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REJECTED	-	-	-	-	-	-	-	-	-	Yes	-	-	-	-
REQUESTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CR Code 3003 – Create Meter Details – Retrospective (Tier 1 Only) **PARTICIPANT ROLE & ROLE STATUS – 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	-	-	-	-
COMPLETED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OBJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENDING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REJECTED	-	-	-	-	-	-	-	-	-	Yes	-	-	-	-
REQUESTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-

[**]   N = New role, C = Current role.

17. MAINTAIN METERING – EXCHANGE OF METERING INFORMATION – SMALL OR LARGE

17.1 Application [3004 3005]

This procedure applies to the following change reason codes:

- **3004 – Exchange of Metering information**

  This is the situation where the current MPB is required to provide a change to the information in the MSATS system in regard to the metering installation details. The change will include the removal of at least one existing meter and the installation of at least one new meter. A minimum set of metering installation details for the NMI shall exist upon completion of the Change Request. The date at which the information will apply would be a prospective date.

- **3005 – Exchange of Metering information – Retrospective**

  This is the situation where the current MPB is required to provide a change to the information in the MSATS system in regard to the metering installation details. The change will include the removal of at least one existing meter and the installation of at least one new meter. A minimum set of metering installation details for the NMI shall exist upon completion of the Change Request. The date at which the information will apply would be a retrospective date.

17.2 Conditions Precedent

(a) The NMI exists in the MSATS system.

(b) The metering installation details exist in MSATS.

(c) At least one meter is removed and one meter is created in each change request.

(d) The NMI classification code is SMALL or LARGE.

(e) There are no objections allowed for this change reason code and NMI classification.

(f) The meter serial ID for the installed meter shall be different to the existing meter serial ID for the same NMI.

(g) Chapter 17 relates only to change reason codes 3004 and 3005.

17.3 Initiation Rules

(a) A current MPB may initiate a change request to change and create metering installation records in the MSATS system in accordance with clause 17.4

(b) The current MPB must use one of the following change reason codes 3004 or 3005 to establish an initial change request.

(c) A minimum set of metering installation details for the NMI shall exist upon completion of the change request.

17.4 MPB obligations

The current MPB must:

(a) Obtain the NMI checksum from an approved source.

(b) Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c) Populate the change request with the following information:

Change reason code	Participant transaction ID	CATS participant ID
Proposed change date	NMI	NMI checksum
Meter serial ID (for each meter)		

(d)   For all meters associated to the NMI, where the Meter Status Code is to be "C" populate the change request with the following information *(where this information does not currently exist in MSATS):*

Meter status (for each meter)	Metering installation type (for each meter)	

(e)   For all meters associated to the NMI, where the Register ID Status is to be "C" populate the change request with the following information *(where this information does not currently exist in MSATS):*

Register ID	Unit of measure code (for each register ID)	Multiplier value (for each register ID)
Time of day code (for each register ID)	Dial format (for each register ID)	Register ID status (for each register ID)
Controlled load indicator (for each register ID)	Actual / cumulative indicator (for each register ID)	

The current MPB may:

(f)   Populate the change request with the following information for each meter:

Additional site information	Next scheduled read date	Meter location
Meter hazard	Meter route	Meter use
Meter point	Meter manufacturer	Meter model
Transformer location	Transformer type	Transformer ratio
Meter constant	Last test date	Next test date
Test result accuracy	Test result notes	Test performed by
Measurement type	Meter program	Meter read type
Remote phone number	Communication equipment type	Communication protocol
Data conversion arrangements	Data validation arrangements	Estimation instructions
Asset management plan details	Calibration tables (details of any calibration factors programmed into the meter)	Password details (the read and time set passwords only, separated by a space; the write password is not to be recorded in MSATS)
Test and calibration program details	User access rights details (i.e. details of any end-use customer access to the metering installation such as pulse outputs)	MDM contributory suffix (this can also be supplied by the MDP)
Network tariff code additional information	Demand value 1, if the network tariff charge includes a demand component	Demand value 2, if the network tariff charge includes a second demand component
Network Tariff Code (for each register ID)		

(g)   For change reason codes that are retrospective, populate the initial change request with:

Actual end date		

(h)   Where changes to Network Tariff information are required:

1.   Check that the network tariff code in the MSATS system is correct and, if it is not, update it to have the correct value.

2.   Change the network tariff code in the MSATS system to ensure that the current information provided in the MSATS system is the latest information available from the current LNSP.

17.5   Time Frame Rules

(a)   The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 17-A.

Table 17-A – Time frame rules

Cr Code 3004 – Exchange of Metering Information				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	0	0	0	65
Cr Code 3005 – Exchange of Metering Information – Retrospective				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	0	0	140	0

17.6   Objection Rules

(a)   There are no objections.

17.7   Change Request Status Notification Rules

(a)   The valid change request status notification rules for the change reason codes identified in clause 17.1 are specified in Table 17-B.

Table 17-B - Change request status notification rules[**]

Cr Code 3004 – Exchange of Metering Information Cr Code 3005 – Exchange of Metering Information – Retrospective PARTICIPANT ROLE & ROLE STATUS – 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	-	-	-	-
COMPLETED	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes
OBJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENDING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REJECTED	-	-	-	-	-	-	-	-	-	Yes	-	-	-	-
REQUESTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-

[**]   N = New role, C = Current role.

18. MAINTAIN METERING – CHANGE METERING INSTALLATION DETAILS – SMALL OR LARGE

18.1 Application [3050 3051 3053]

This procedure applies to the following change reason codes:

- **3050 – Change Metering Installation Details**

  This is the situation where the current MPB is required to provide a change to the information in the MSATS system in regard to the metering installation details. Each meter serial number must exist in MSATS and a minimum set of metering installation details for the NMI shall exist upon completion of the Change Request. The date at which the information will apply would be a prospective date.

- **3051 – Change Metering Installation Details – Retrospective**

  This is the situation where the current MPB is required to provide a change to the information in the MSATS system in regard to the metering installation details. Each meter serial number must exist in MSATS and a minimum set of metering installation details for the NMI shall exist upon completion of the Change Request. The date at which the information will apply would be a retrospective date.

- **3053 – Change Meter Details - Retrospective (Tier 1 only)**

  This is the situation where the current MPB is required to provide a change to the information in the MSATS system in regard to the metering installation details for a connection point that is a tier 1 connection point. Each meter serial number must exist in MSATS and a minimum set of metering installation details for the NMI shall exist upon completion of the Change Request. The date at which the information will apply would be a retrospective date.

  This change request is related to change request 3051 but has different notification rules.

18.2 Conditions Precedent

(a) The NMI exists in the MSATS system.

(b) The metering installation details do exist in MSATS.

(c) The NMI classification code is SMALL or LARGE.

(d) There are no objections allowed for this change reason code and NMI classification.

(e) Chapter 18 relates only to change reason codes 3050, 3051 and 3053.

(f) In order to use change reason code 3053, the NMI must have been a tier 1 NMI for all its life.

18.3 Initiation Rules

(a) A current MPB may initiate a change request to change metering installation records in the MSATS system in accordance with clause 18.4.

(b) The current MPB must use one of the following change reason codes 3050, 3051 or 3053 to establish an initial change request.

(c) A minimum set of metering installation details for the NMI shall exist upon completion of the Change Request

18.4 MPB Obligations

The current MPB must:

(a) Obtain the NMI checksum from an approved source.

(b) Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c)   Populate an initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	Proposed change date	Meter serial ID (at least one)

(d)   For all meters associated to the NMI, where the Meter Status Code is to be "C" populate the change request with the following information *(where this information does not currently exist in MSATS)*:

Meter status	Metering installation type code	

(e)   For all Register Identifiers associated to the NMI, where the Register ID Status is to be "C" populate the change request with the following information:

Register ID	Register ID status	Actual / cumulative indicator
Controlled load indicator	Dial format	Multiplier value
Time of day code	Unit of measure code	

The current MPB may:

(f)   Populate the initial change request with the following information:

MDM contributory suffix (for a register)	Network tariff code	Additional site information
Meter location	Meter hazard	Meter route
Meter use	Meter point	Meter manufacturer
Meter model	Transformer location	Transformer type
Transformer ratio	Meter constant	Last test date
Next test date	Test result accuracy	Test result notes
Test performed by	Measurement type	Meter program
Meter read type	Remote phone number	Communication equipment type
Communication protocol	Data conversion arrangements	Data validation arrangements
Estimation instructions	Asset management plan details	Calibration tables (details of any calibration factors programmed into the meter)
Password details (the read and time set passwords only, separated by a space; the write password is not to be recorded in MSATS)	Test and calibration program details	User access rights details (i.e. details of any end-use customer access to the metering installation such as pulse outputs)
Network tariff code additional information	Demand value 1, if the network tariff charge includes a demand component	Demand value 2, if the network tariff charge includes a second demand component

(g)   For change reason code 3051 and 3053, populate the initial change request with:

Actual end date		

18.5 Time Frame Rules

(a) The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 18-A.

Table 18-A – Time frame rules

CR Code 3050 – Change Meter Details				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	0	0	0	65
CR Code 3051 – Change Meter Details - Retrospective **CR Code 3053 – Change Meter Details - Retrospective (Tier 1 Only)**				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	0	0	140	0

18.6 Objection Rules

(a) There are no objections.

18.7 Change Request Status Notification Rules

(a) The valid change request status notification rules for the change reason codes identified in clause 18.1 are specified in Table 18-B.

Table 18-B – Change request status notification rules[**]

CR Code 3050 – Change Meter Details CR Code 3051 – Change Meter Details - Retrospective PARTICIPANT ROLE & ROLE STATUS - Receives Notification of Change													
Status	FRMP		LR		LNSP		MDP		MPB		RoLR		RP	
Change	N	C	N	C	N	C	N	C	N	C	N	C	N	C
CANCELLED	-	-	-	-	-	-	-	-	-	Yes	-	-	-	-
COMPLETED	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes
OBJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENDING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REJECTED	-	-	-	-	-	-	-	-	-	Yes	-	-	-	-
REQUESTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CR Code 3053 – Change Meter Details - Retrospective (Tier 1 Only) **PARTICIPANT ROLE & ROLE STATUS - Receives Notification of Change**													
Status	FRMP		LR		LNSP		MDP		MPB		RoLR		RP	
Change	N	C	N	C	N	C	N	C	N	C	N	C	N	C
CANCELLED	-	-	-	-	-	-	-	-	-	Yes	-	-	-	-
COMPLETED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OBJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENDING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REJECTED	-	-	-	-	-	-	-	-	-	Yes	-	-	-	-
REQUESTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-

[**] N = New role, C = Current role.

19. MAINTAIN METERING - ADVANCED CHANGE METERING INSTALLATION DETAILS - SMALL OR LARGE

19.1 Application [3080 3081]

This procedure applies to the following change reason codes:

- **3080 – Advanced Change Metering Installation Details**

  This is the situation where the current RP is required to provide change(s) to the information in the MSATS system relating to the metering installation details, including potential changes to datastream information, and to the roles of MDP, MPB and MPC. The change request must include one or more changes to metering installation details for a meter serial number and each meter serial number must exist in MSATS. A minimum set of metering installation details for the NMI shall exist upon completion of the Change Request. The date at which the information will apply would be a prospective date.

- **3081 – Advanced Change Metering Installation Details – Retrospective**

  This is the situation where the current RP is required to provide change(s) to the information in the MSATS system relating to the metering installation details, including potential changes to datastream information, and to the roles of MDP, MPB and MPC. The change request must include one or more changes to metering installation details for a meter serial number and each meter serial number must exist in MSATS. A minimum set of metering installation details for the NMI shall exist upon completion of the Change Request. The date at which the information will apply would be a retrospective date.

19.2 Conditions Precedent

- (a) The NMI exists in the MSATS system.
- (b) The metering installation details exist in MSATS.
- (c) The NMI classification code is SMALL or LARGE.
- (d) Chapter 19 relates only to change reason codes 3080 and 3081.
- (e) The participant in the role of RP is the same as the participant in the role of LNSP.

19.3 Initiation Rules

- (a) A current RP who is also the LNSP may initiate a change request to change and create metering installation records in the MSATS system in accordance with clause19.4.
- (b) The current RP must use one of the following change reason codes 3080 or 3081 to establish an initial change request.
- (c) Where a change of role is included in the change request the initiator must have agreement with all the participants of the roles that are changing prior to creating the change request.
- (d) A minimum set of metering installation details for the NMI shall exist upon completion of the Change Request.

19.4 RP obligations

The current RP must:

- (a) Obtain the NMI checksum from an approved source.
- (b) Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.
- (c) Populate the change request with the following information:

Change reason code	Participant transaction ID	CATS participant ID
Proposed change date	NMI	NMI checksum
The meter serial ID (for each meter);		

(d)   For all meters associated to the NMI, where the Meter Status Code is to be "C", populate the change request with the following *(where this information does not currently exist in MSATS):*

Meter status (for each meter)	The metering installation type (for each meter);	

(e)   For all Register Identifiers associated to the NMI, where the Register ID Status is to be "C", populate the change request with the following *(where this information does not currently exist in MSATS):*

Register ID	Register ID status (for each register ID)	Unit of measure code (for each register ID)
Multiplier value (for each register ID)	Time of day code (for each register ID)	Dial format (for each register ID)
Network Tariff Code (for each register ID)	Controlled load indicator (for each register ID)	Actual / cumulative indicator (for each register ID)

(f)   For all datastreams associated to the NMI, where the Datastream Status Code is to be "A", populate the change request with the following information *(where this information does not currently exist in MSATS):*

NMI suffix	Datastream type (for each suffix)	Profile name (for each suffix)
Daily average load (for each suffix)	Datastream status code (for each suffix)	

The current RP may:

(g)   Populate the change request with the following information for each meter:

MDP	MPB	MPC
Additional site information	Next scheduled read date	Meter location
Meter hazard	Meter route	Meter use
Meter point	Meter manufacturer	Meter model
Transformer location	Transformer type	Transformer ratio
Meter constant	Last test date	Next test date
Test result accuracy	Test result notes	Test performed by
Measurement type	Meter program	Meter read type
Remote phone number	Communication equipment type	Communication protocol
Data conversion arrangements	Data validation arrangements	Estimation instructions
Asset management plan details	Calibration tables (details of any calibration factors programmed into the meter)	Password details (the read and time set passwords only, separated by a space; the write password is not to be recorded in MSATS)
Test and calibration program details	User access rights details (i.e. details of any end-use customer access to the metering installation such as pulse outputs)	

(h)   Populate the initial change request with the following information for each register:

Network tariff code additional information	MDM contributory suffix (this can also be supplied by the MDP)	Demand value 1, if the network tariff charge includes a demand component
Demand value 2, if the network tariff charge includes a second demand component		

(i)   For change reason codes that are retrospective, populate the initial change request with:

Actual end date		

(j)   Where changes to Network Tariff information is required:

1.   Check that the network tariff code in the MSATS system is correct and, if it is not, update it to have the correct value.

2.   Change the network tariff code in the MSATS system to ensure that the current information provided in the MSATS system is the latest information available from the current LNSP.

19.5 Time Frame Rules

(a) The valid time frame rules for each jurisdiction for the respective change reason code are shown in the Table 19-A.

Table 19-A– Time frame rules

CR Code 3080 –Advanced Change Metering Installation Details				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	1	20	0	65
CR Code 3081 –Advanced Change Metering Installation Details – Retrospective				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	1	20	130	0

19.6 Objection Rules

(a) The valid objection rules for the change reason codes identified in clause 19.1 are specified in Table 19-B

Table 19-B– Objection rules**

			FRMP		LR		MDP		MPB		ROLR		RP		LNSP	
CR Code 3080 – Advanced Change Metering Installation Details																
Objection Code	NMI Class	Jur'n	N	C	N	C	N	C	N	C	N	C	N	C	N	C
DECLINED	ALL	ALL	-	-	-	-	Yes	-	Yes	-	-	-	-	-	-	-
CR Code 3081 – Advanced Change Metering Installation Details - Retrospective																
Objection Code	NMI Class	Jur'n	N	C	N	C	N	C	N	C	N	C	N	C	N	C
DECLINED	ALL	ALL	-	-	-	-	Yes	-	Yes	-	-	-	-	-	-	-
BADDATA	ALL	NSW VIC SA	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-

**   N = New role, C = Current role.

19.7 Change Request Status Notification Rules

(a) The valid change request status notification rules for change reason codes identified in clause 19.1 are specified in Table 19-C.

Table 19-C– Change request notification rules**

Cr Code 3080 – Advanced Change Metering Installation Details Cr Code 3081 – Advanced Change Metering Installation Details - Retrospective PARTICIPANT ROLE & ROLE STATUS – 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
COMPLETED	-	Yes	-	Yes	-	-	Yes	Yes	Yes	Yes	-	-	-	Yes
OBJECTED	-	Yes	-	-	-	-	Yes	Yes	Yes	Yes	-	-	-	Yes
PENDING	-	Yes	-	-	-	-	Yes	Yes	Yes	Yes	-	-	-	Yes
REJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
REQUESTED	-	Yes	-	-	-	-	Yes	Yes	Yes	Yes	-	-	-	Yes

**   N = New role, C = Current role.

20. MAINTAIN METERING - ADVANCED EXCHANGE OF METERING - SMALL OR LARGE

20.1 Application [3090 3091]

This procedure applies to the following change reason codes:

- **3090 – Advanced Exchange of Metering**

  This is the situation where the current RP is required to provide a change to the information in the MSATS system relating to the metering installation details, including potential changes to datastream information, Network Tariff Code and to the roles of MDP, MPB and MPC. The change shall include the removal of at least one existing meter and the installation of at least one new meter. A minimum set of Metering installation details for the NMI shall exist upon completion of the Change Request process. The date at which the information will apply would be a prospective date.

- **3091 – Advanced Exchange of Metering - Retrospective**

  This is the situation where the current RP is required to provide a change to the information in the MSATS system relating to the metering installation details, including potential changes to datastream information, Network Tariff Code and to the roles of MDP, MPB and MPC. The change shall include the removal of at least one existing meter and the installation of at least one new meter. A minimum set of Metering installation details for the NMI shall exist upon completion of the Change Request process. The date at which the information will apply would be a retrospective date.

20.2 Conditions Precedent

(a) The NMI exists in the MSATS system.

(b) The metering installation details exist in MSATS.

(c) At least one meter is removed and one meter is created in each change request.

(d) The NMI classification code is SMALL or LARGE.

(e) Chapter 20 relates only to change reason codes 3090 and 3091.

(f) The participant in the role of RP is the same as the participant in the role of LNSP.

(g) The meter serial id for the installed meter shall be different to the existing meter serial id for the same NMI.

20.3 Initiation Rules

(a) A current RP who is also the LNSP may initiate a change request to change and create metering installation records in the MSATS system in accordance with clause 20.4.

(b) The current RP must use one of the following change reason codes 3090 or 3091 to establish an initial change request.

(c) Where a change of role is included in the change request the initiator must have agreement with all the participants of the roles that are changing prior to creating the change request.

(d) A minimum set of metering installation details for the NMI shall exist upon completion of the change request.

20.4 RP obligations

The current RP must:

(a) Obtain the NMI checksum from an approved source.

(b) Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c) Populate the change request with the following information:

Change reason code	Participant transaction ID	CATS participant ID
Proposed change date	NMI	NMI checksum
Meter serial ID (for each meter)		

(d) For all meters associated to the NMI, where the Meter Status Code is to be "C" populate the change request with the following information (where this information does not currently exist in MSATS):

Metering installation type (for each meter)	Meter status (for each meter)	

(e) For all meters associated to the NMI, where the Register ID Status is to be "C" populate the change request with the following information (where this information does not currently exist in MSATS):

Register ID	Register ID status (for each register ID)	Unit of measure code (for each register ID)
Multiplier value (for each register ID)	Time of day code (for each register ID)	Dial format (for each register ID)
Network Tariff Code (for each register ID)	Controlled load indicator (for each register ID)	Actual / cumulative indicator (for each register ID)

(f) For all datastreams associated to the NMI, where the Datastream Status Code is to be "A" populate the change request with the following information (where this information does not currently exist in MSATS):

NMI suffix	Data stream type (for each suffix)	Profile name (for each suffix)
Daily average load (for each suffix)	Datastream status code (for each suffix)	

The current RP may:

(g) Populate the change request with the following information:

MDP	MPB	MPC
Additional site information	Next scheduled read date	Meter location
Meter hazard	Meter route	Meter use
Meter point	Meter manufacturer	Meter model
Transformer location	Transformer type	Transformer ratio
Meter constant	Last test date	Next test date
Test result accuracy	Test result notes	Test performed by
Measurement type	Meter program	Meter read type
Remote phone number	Communication equipment type	Communication protocol
Data conversion arrangements	Data validation arrangements	Estimation instructions
Asset management plan details	Calibration tables (details of any calibration factors programmed into the meter)	Password details (the read and time set passwords only, separated by a space; the write password is not to be recorded in MSATS)
Test and calibration program details	User access rights details (i.e. details of any end-use customer access to	

	the metering installation such as pulse outputs)	

(h)   Populate the initial change request with the following information for each register:

Network tariff code additional information	MDM contributory suffix (this can also be supplied by the MDP)	Demand value 1, if the network tariff charge includes a demand component
Demand value 2, if the network tariff charge includes a second demand component		

(i)   For change reason codes that are retrospective, populate the initial change request with:

Actual end date		

(j)   Where changes to Network Tariff information are required:

   1.   Check that the network tariff code in the MSATS system is correct and, if it is not, update it to have the correct value.

   2.   Change the network tariff code in the MSATS system to ensure that the current information provided in the MSATS system is the latest information available from the current LNSP.

20.5   Time Frame Rules

The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 20-A.

Table 20-A – Time Frame rules

CR code 3090 – Advanced Exchange of Metering				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	1	20	0	65
3091 – Advanced Exchange of Metering - Retrospective				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	1	20	130	0

20.6   Objection Rules

(a)   The valid objection rules for the change reason codes identified in clause 20.1 are specified in Table 20-B.

Table 20-B – Objection rules[**]**

CR Code 3090 – Advanced Exchange of Metering																	
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	-	-	-	-	-	-	-
CR Code 3091 – Advanced Exchange of Metering - Retrospective																	
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	NSW VIC SA	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-

   **   N = New role, C = Current role.

20.7   Change Request Status Notification Rules

(a)   The valid change request status notification rules for change reason codes identified in clause 20.1 are specified in Table 20-C.

Table 20-C – Change request notification rules[**]

Cr Code 3090 – Advance Exchange of Metering													
Cr Code 3091 – Advance Exchange of Metering - Retrospective													
PARTICIPANT ROLE & ROLE STATUS – 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
COMPLETED	-	Yes	-	Yes	-	-	Yes	Yes	Yes	Yes	-	-	-	Yes
OBJECTED	-	Yes	-	-	-	-	Yes	Yes	Yes	Yes	-	-	-	Yes
PENDING	-	Yes	-	-	-	-	Yes	Yes	Yes	Yes	-	-	-	Yes
REJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
REQUESTED	-	Yes	-	-	-	-	Yes	Yes	Yes	Yes	-	-	-	Yes

[**]   N = New role, C = Current role.

21. MAINTAIN METERING – CHANGE NETWORK TARIFF CODE – SMALL OR LARGE

21.1 Application [3100 3101]

This procedure applies to the following change reason codes:

- **3100 – Change Network Tariff**

    This is the situation where the current LNSP is required to provide a change to the information in the MSATS system in regard to the network tariff code details. The date at which the information will apply would be a prospective date.

- **3101 – Change Network Tariff – Retrospective**

    This is the situation where the current LNSP is required to provide a change to the information in MSATS in regard to the network tariff code details. The date at which the information will apply would be a retrospective date.

21.2 Conditions Precedent

(a)   The NMI exists in the MSATS system.

(b)   The NMI classification code is SMALL or LARGE.

(c)   There are no objections allowed for this change reason code and NMI classification.

(d)   Chapter 21 relates only to change reason codes 3100 and 3101.

(e)   The meter register data is loaded into MSATS.

21.3 Initiation Rules

(a)   A current LNSP may initiate a change request to change a network tariff code in accordance with clause 21.4.

(b)   The current LNSP must use one of the following change reason codes 3100 or 3101 to establish an initial change request.

21.4 LNSP Obligations

The current LNSP must:

(a)   Check that the network tariff code created by the MPB when the meter was created in the MSATS system is correct and, if it is not, update it to have the correct value.

(b)   Change the network tariff code in the MSATS system to ensure that the current information provided in the MSATS system is the latest information available from the current LNSP.

(c)   Obtain the NMI checksum from an approved source.

(d)   Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(e)   Populate an initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	Proposed change date	Meter serial ID
Register ID	Network tariff	

The current LNSP may:

(f)   Populate an initial change request with the following information:

Network tariff code additional information		

(g)   For change reason codes that are retrospective, populate the initial change request with the following information:

Actual end date		

21.5   Time Frame Rules

(a)   The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 21-A.

Table 21-A – Time frame rules

CR Code 3100 – Change Network Tariff				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	0	0	0	65
CR Code 3101 – Change Network Tariff – Retrospective				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	0	0	140	0

21.6   Objection Rules

(a)   There are no objections.

21.7   Change Request Status Notification Rules

(a)   The change request status notification rules for the change reason codes identified in clause 21.1 are specified in Table 21-B.

Table 21-B – Change request status notification rules[**]

CR Code 3100 – Change Network Tariff CR Code 3101 – Change Network Tariff - Retrospective PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change													
Status	FRMP		LR		LNSP		MDP		MPB		RoLR		RP	
Change	N	C	N	C	N	C	N	C	N	C	N	C	N	C
CANCELLED	-	-	-	-	-	Yes	-	-	-	-	-	-	-	-
COMPLETED	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes
OBJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENDING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REJECTED	-	-	-	-	-	Yes	-	-	-	-	-	-	-	-
REQUESTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-

[**]   N = New role, C = Current role.

22. MAINTAIN DATASTREAM – CREATE MDM DATASTREAM –SMALL OR LARGE

22.1 Application [4000 4001 4003]

This procedure applies to the following change reason codes:

- **4000 – Create MDM Datastream Details**

  This is the situation where the current MDP establishes the initial set of information in the MSATS system in regard to the MDM datastream details, and there is no associated datastream status change to inactive for the NMI for the same effective date. The date at which the information will apply would be a prospective date.

- **4001 – Create MDM Datastream Details - Retrospective**

  This is the situation where the current MDP establishes the initial set of information in the MSATS system in regard to the MDM datastream details, and there is no associated datastream status change to inactive for the NMI for the same effective date. The date at which the information will apply would be a retrospective date.

- **4003 – Create MDM Datastream - Retrospective (Tier 1 only)**

  This is the situation where the current MDP establishes the initial set of information in the MSATS system in regard to the MDM datastream details for a connection point that is a tier 1 connection point. The date at which the information will apply would be a retrospective date.

  This change request is related to change request 4001 but has different notification rules.

22.2 Conditions Precedent

(a) The NMI exists in the MSATS system.

(b) The MDM Datastream details do not exist in MSATS

(c) The NMI classification code is SMALL or LARGE.

(d) There are no objections allowed for this change reason code and NMI classification.

(e) Chapter 22 relates only to change reason codes 4000, 4001 and 4003.

(f) In order to use change reason code 4003, the NMI must have been a tier 1 NMI for all its life.

22.3 Initiation Rules

(a) A current MDP may initiate a change request to create an MDM datastream in the MSATS system in accordance with clause 22.4.

(b) The current MDP must use one of the following change reason codes 4000, 4001 or 4003 to establish an initial change request.

22.4 MDP Obligations

The current MDP must:

(a) Obtain the NMI checksum from an approved source.

(b) Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c) Populate an initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	Proposed change date	NMI suffix (at least one)
Datastream type (for each suffix)	Profile name (for each suffix)	Daily average load (for each suffix)
Datastream status code (for each suffix)		

(d)   Obtain the average daily load from the LNSP if this value is not otherwise provided by the new FRMP.

The current MDP may:

(e)   For change reason codes that are retrospective populate the initial change request with the following information:

Actual end date		

22.5   Time Frame Rules

(a)   The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 22-A.

Table 22-A – Time frame rules

CR Code 4000 – Create MDM Datastream Details				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	0	0	0	65
CR Code 4001 – Create MDM Datastream Details - Retrospective				
CR Code 4003 – Create MDM Datastream - Retrospective (Tier 1 Only)				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	0	0	140	0

22.6   Objection Rules

(a)   There are no objections.

22.7   Change Request Status Notification Rules

(a)   The valid change request status notification rules for the change reason codes identified in clause 22.1 are specified in Table 22-B.

Table 22-B – Change request status notification rules[**]

CR Code 4000 – Create MDM Datastream Details CR Code 4001 – Create MDM Datastream Details - Retrospective PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change													
Status	FRMP		LR		LNSP		MDP		MPB		RoLR		RP	
Change	N	C	N	C	N	C	N	C	N	C	N	C	N	C
CANCELLED	-	-	-	-	-	-	-	Yes	-	-	-	-	-	-
COMPLETED	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes
OBJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENDING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REJECTED	-	-	-	-	-	-	-	Yes	-	-	-	-	-	-
REQUESTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CR Code 4003 – Create MDM Datastream - Retrospective (Tier 1 Only) PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change													
Status	FRMP		LR		LNSP		MDP		MPB		RoLR		RP	
Change	N	C	N	C	N	C	N	C	N	C	N	C	N	C
CANCELLED	-	-	-	-	-	-	-	Yes	-	-	-	-	-	-
COMPLETED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OBJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENDING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REJECTED	-	-	-	-	-	-	-	Yes	-	-	-	-	-	-
REQUESTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-

[**]   N = New role, C = Current role.

23. MAINTAIN DATASTREAM - EXCHANGE OF DATASTREAM INFORMATION SMALL OR LARGE

23.1 Application [4004 4005]

This procedure applies to the following change reason codes:

- **4004 – Exchange of Datastream Information**

  This is the situation where the current MDP is required to provide a change to the information in the MSATS system in regard to the MDM datastream details. The change will include at least one datastream status change to inactive and the creation of at least one new datastream. A minimum set of MDM datastream details for the NMI shall exist upon completion of the Change Request. The date at which the information will apply would be a prospective date.

- **4005 – Exchange of Datastream Information - Retrospective**

  This is the situation where the current MDP is required to provide a change to the information in the MSATS system in regard to the MDM datastream details. The change will include at least one datastream status change to inactive and the creation of at least one new datastream. A minimum set of MDM datastream details for the NMI shall exist upon completion of the Change Request. The date at which the information will apply would be a retrospective date.

23.2 Conditions Precedent

(a)   The NMI exists in the MSATS system.

(b)   The metering installation details exist in MSATS.

(c)   The NMI classification code is SMALL or LARGE.

(d)   Chapter 23 relates only to change reason codes 4004 and 4005.

23.3 Initiation Rules

(a)   A current MDP may initiate a change request to exchange datastream records in the MSATS system in accordance with clause 23.4.

(b)   The current MDP must use one of the following change reason codes 4004 or 4005 to establish an initial change request.

(c)   There are no objections allowed for this change reason code and NMI classification.

(d)   A minimum set of MDM datastream details for the NMI shall exist upon completion of the change request.

23.4 MDP obligations

The current MDP must:

(a)   Obtain the NMI checksum from an approved source.

(b)   Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c)   Populate the change request with the following information:

Change reason code	Participant transaction ID	CATS participant ID
Proposed change date	NMI	NMI checksum

(d)   For all datastreams associated to the NMI, where the Datastream Status Code is to be "A" populate the change request with the following information: (where this information does not currently exist in MSATS);

NMI suffix (at least one)	Datastream type (for each suffix)	Profile name (for each suffix)
Daily average load (for	Data stream status code	

each suffix)	(for each suffix)	

The current MDP may:		

(e)   Populate the change request with the following information:

Meter serial ID (for each meter)	**Register ID (for each register ID)**	**MDM contributory suffix (for each register ID)**

(f)   For change reason codes that are retrospective, populate the initial change request with:

Actual end date		

23.5   Time Frame Rules

(a)   The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 23-A.

Table 23-A – Time frame rules

4004 – Exchange of Datastream Information				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	0	0	0	65
4005 – Exchange of Datastream Information – Retrospective				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	0	0	140	0

23.6   Objection Rules

(a)   There are no objections.

23.7   Change Request Status Notification Rules

(a)   The valid change request status notification rules for the change reason codes identified in clause 23.1 are specified in Table 23-B.

Table 23-B – Change request status notification rules[**]

Cr Code 4004 – Exchange of Datastream Information Cr Code 4005 – Exchange of Datastream Information - Retrospective PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change													
Status	FRMP		LR		LNSP		MDP		MPB		RoLR		RP	
Change	N	C	N	C	N	C	N	C	N	C	N	C	N	C
CANCELLED	-	-	-	-	-	-	-	Yes	-	-	-	-	-	-
COMPLETED	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes
OBJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENDING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REJECTED	-	-	-	-	-	-	-	Yes	-	-	-	-	-	-
REQUESTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-

[**]   N = New role, C = Current role.

24.   MAINTAIN DATASTREAM – CHANGE MDM DATASTREAM – SMALL OR LARGE

24.1   Application [4050 4051 4053]

This procedure applies to the following change reason codes:

- **4050 – Change MDM Datastream**

  This is the situation where the current MDP is required to provide a change to the information in the MSATS system in regard to the MDM datastream details. Each Datastream must exist in MSATS and a minimum set of MDM datastream details for the NMI shall exist upon completion of the Change Request. The date at which the information will apply would be a prospective date.

- **4051 – Change MDM Datastream – Retrospective**

  This is the situation where the current MDP is required to provide a change to the information in the MSATS system in regard to the MDM datastream details. Each Datastream must exist in MSATS and a minimum set of MDM datastream details for the NMI shall exist upon completion of the Change Request. The date at which the information will apply would be a retrospective date.

- **4053 – Change MDM Datastream – Retrospective (Tier 1 only)**

  This is the situation where the current MDP is required to provide a change to the information in the MSATS system in regard to the MDM datastream details for a connection point that is a tier 1 connection point. Each Datastream must exist in MSATS and a minimum set of MDM datastream details for the NMI shall exist upon completion of the Change Request. The date at which the information will apply would be a retrospective date.

  This change request is related to change request 4051 but has different notification rules.

24.2   Conditions Precedent

(a)   The NMI exists in the MSATS system.

(b)   The metering installation and datastream details exist in MSATS.

(c)   The NMI classification code is SMALL or LARGE.

(d)   There are no objections allowed for this change reason code and NMI classification.

(e)   Chapter 24 relates only to change reason codes 4050, 4051 and 4053.

(f)   In order to use change reason code 4053, the NMI must have been a tier 1 NMI for all its life.

24.3   Initiation Rules

(a)   A current MDP may initiate a change request to change an MDM datastream in the MSATS system in accordance with clause 24.4.

(b)   The current MDP must use one of the following change reason codes 4050, 4051 or 4053 to establish an initial change request.

(c)   A minimum set of MDM datastream details for the NMI shall exist upon completion of the Change Request.

24.4   MDP Obligations

The current MDP must:

(a)   Obtain the NMI checksum from an approved source.

(b)   Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c)   Populate an initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	Proposed change date	NMI suffix

(d)   For all meters associated to the NMI suffix, where the Datastream Status Code is to be "A", populate the change request with the following information *(where this information does not currently exist in MSATS)*:

Datastream type	Profile name	Daily average load
Datastream status code		

The current MDP may:

(e)   Populate the initial change request with the following information:

MDM contributory suffix	Meter serial ID	Register ID

(f)   For change reason codes that are retrospective, populate the initial change request with the following information:

Actual end date		

24.5   Time Frame Rules

(a)   The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 24-A.

Table 24-A – Time frame rules

CR Code 4050 – Change MDM Datastream Details				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	0	0	0	65

CR Code 4051 – Change MDM Datastream Details - Retrospective CR Code 4053 – Change MDM Datastream – Retrospective (Tier 1 Only)				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	0	0	140	0

24.6   Objection Rules

(a)   There are no objections.

24.7   Change Request Status Notification Rules

(a)   The valid change request status notification rules for the change reason codes identified in clause 24.1 are specified in Table 24-B.

Table 24-B – Change request status notification rules[**]

CR Code 4050 – Change MDM Datastream Details CR Code 4051 – Change MDM Datastream Details - Retrospective PARTICIPANT ROLE & ROLE STATUS – 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	-	-	-	-	-	-
COMPLETED	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes
OBJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENDING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REJECTED	-	-	-	-	-	-	-	Yes	-	-	-	-	-	-
REQUESTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Status Change	CR Code 4053 – Change MDM Datastream - Retrospective (Tier 1 Only) PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change													
	FRMP		LR		LNSP		MDP		MPB		RoLR		RP	
	N	C	N	C	N	C	N	C	N	C	N	C	N	C
CANCELLED	-	-	-	-	-	-	-	Yes	-	-	-	-	-	-
COMPLETED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OBJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENDING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REJECTED	-	-	-	-	-	-	-	Yes	-	-	-	-	-	-
REQUESTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**   N = New role, C = Current role.

25. MAINTAIN NMI – UPDATE NEXT SCHEDULED READ DATE – SMALL OR LARGE

25.1 Application [5070 5071]

This procedure applies to the following change reason codes:

- **5070 – Update Next Scheduled Read Date**

  This is the situation where the current MDP is required to provide the MSATS system with the next scheduled read date.

- **5071 – Update Next Scheduled Read Date – Retro**

  This is the situation where the current MDP is required to provide the MSATS system with the next scheduled read date retrospectively.

  Note if this transaction is submitted by batch, the database will be updated straight away.

25.2 Conditions Precedent

(a) The NMI exists in the MSATS system.

(b) The NMI classification is SMALL or, if the NMI classification is LARGE, it only applies to non-remotely read sites, i.e. 1st tier sites.

(c) There are no objections allowed for this change reason code and NMI classification.

(d) Chapter 25 relates only to change reason code 5070 and 5071.

25.3 Initiation Rules

(a) A current MDP may initiate a change request to submit the next scheduled read date to the MSATS system in accordance with clause 25.4.

(b) The current MDP must use change reason code 5070 or 5071 to provide the next scheduled read date.

25.4 MDP Obligations

The current MDP must:

(a) Obtain the NMI checksum from an approved source.

(b) Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c) Populate an initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	Proposed change date	Meter serial ID
Next scheduled read date		

The current MDP may:

(d) Obtain the meter reading frequency from the new FRMP.

(e) Obtain the meter reading schedule from the MPC or RP.

25.5   Time Frame Rules

(a)   The valid time frame rules for each jurisdiction for the change reason code are shown in the Table 25-A.

Table 25-A – Time frame rules

CR Code 5070 – Update Next Scheduled Read Date				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	0	0	0	3
CR Code 5071 – Update Next Scheduled Read Date - Retro				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	0	0	1	0

25.6   Objection Rules

(a)   There are no objections.

25.7   Change Request Status Notification Rules

(a)   The valid change request status notification rules for the change reason codes identified in clause 25.1 are specified in Table 25-B.

Table 25-B –Change request status notification rules[**]

	CR Code - 5070 – Update Next Scheduled Read Date CR Code - 5071 – Update Next Scheduled Read Date - Retro PARTICIPANT ROLE & ROLE STATUS – 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPLETED	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
OBJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENDING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REQUESTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-

[**]   N = New role, C = Current role.

26. MAINTAIN NMI – BACKDATE A NMI – SMALL OR LARGE

26.1 Application [5001 5021]

This procedure applies to the following change reason codes:

- **5001 – Backdate NMI Start Date**

  This is the situation where AEMO, on request from an LNSP, or the LNSP, backdates the initial set of information in the MSATS system in regard to a connection point. The date at which the information will apply would be a retrospective date.

- **5021 – Backdate NMI Start Date - Embedded Network Child**

  This is the situation where AEMO, on request from the ENLR for a NMI that is currently in an embedded network, backdates the initial set of information in the MSATS system in regard to a connection point. The date at which the information will apply would be a retrospective date.

26.2 Conditions Precedent

(a)   The NMI exists in the MSATS system.

(b)   The NMI classification code is SMALL or LARGE.

(c)   Chapter 26 relates only to change reason codes 5001 and 5021.

26.3 Initiation Rules

(a)   AEMO or the LNSP may initiate a change request to backdate a NMI's start date in the MSATS system in accordance with clause 26.4 or 26.6.

(b)   AEMO must use one of the following change reason codes 5001 or 5021, or the LNSP must use change reason code 5001, to establish an initial change request.

26.4 LNSP Obligations (5001 only)

The new LNSP (who must be the same party as the current LNSP for the period where the NMI exists in MSATS) must:

(a)   Obtain the NMI checksum from an approved source.

(b)   Confirm that the NMI is still a valid NMI for the connection point prior to the initiation of a change request.

(c)   Populate an initial change request with values for the following data items:

Participant transaction ID	NMI and NMI checksum	CATS participant ID
Proposed change date	**Actual end date (which should be the day prior to the day that the existing NMI master record starts on)**	**TNI code**
DLF code	**NMI classification code**	**Jurisdiction code**
FRMP	**LR**	**ROLR**
RP	**MDP**	**MPB**
MPC	**LNSP as itself**	**NMI status code**
Locality	**State**	**Postcode**

(d)   Populate the initial change request with values for the following address fields (as appropriate):

EITHER

DPID	Flat number	Flat type
Floor number	**Floor type**	**House number**
House number suffix	**Location descriptor**	**Lot number**
Street name	**Street suffix**	**Street type**

OR

Unstructured address 1	Unstructured address 2	Unstructured address 3

The LNSP may:

(e)   Populate the initial change request with the following information:

Embedded network parent name	Building name	Feeder Class
Customer Threshold Code		

26.5   LR Obligations (5021 only)

The new ENLR (who must be the same party as the current LR for the period where the NMI exists in MSATS) must:

(a)   Provide AEMO with the NMI checksum, which it has obtained from an approved source.

(b)   Confirm that the NMI is still a valid NMI for the connection point.

(c)   Provide AEMO with values for the following data items:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	**Proposed change date**	**Actual end date (which should be the day prior to the day that the existing NMI master record starts on)**
TNI code	**DLF code**	**NMI classification code**
Jurisdiction code	**Embedded network child name**	**FRMP**
LR, which must be themselves	**ROLR**	**RP**
MDP	**MPB**	**MPC**
LNSP	**NMI status code**	**Locality**
State	**Postcode**	

(d)   Provide AEMO with values for the following address fields (as appropriate):

EITHER

DPID	Flat number	Flat type
Floor number	**Floor type**	**House number**
House number suffix	**Location descriptor**	**Lot number**
Street name	**Street suffix**	**Street type**

OR

Unstructured address 1	Unstructured address 2	Unstructured address 3

The LR may:

(e)   Provide AEMO with the following information:

Embedded network parent name	Building name	Feeder Class
Customer Threshold Code		

26.6   AEMO Obligations

AEMO must:

(a)   On request from an LNSP, populate an initial change request with the data provided by the LNSP in accordance with clause 26.4 (CR5001) or ENLR in accordance with clause 26.5 (CR5021).

26.7   MPB Obligations

The new MPB must:

(a)   On receipt of the change request status notification for the completed status, backdate the metering installation details to the MSATS system using change reason code 3001.

26.8   Time Frame Rules

(a)   The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 26-A.

Table 26-A – Time frame rules

CR Code 5001 – Backdate NMI Start Date						
Jurisdiction	Objection Logging Business Days		Objection Clearing Business Days		Retrospective Business Days	Prospective Business Days
	Small NMI	Large NMI	Small NMI	Large NMI		
ALL	1	5	10	20	140	0
CR Code 5021 – Backdate NMI Start Date - Embedded Network Child						
Jurisdiction	Objection Logging Business Days		Objection Clearing Business Days		Retrospective Business Days	Prospective Business Days
	Small NMI	Large NMI	Small NMI	Large NMI		
ALL**	1	5	10	20	140	0

**   The ACT and Tasmanian regulators have not approved the use of embedded networks in their respective Jurisdictions. QLD jurisdiction has not approved embedded networks for "SMALL" consumers and has determined that there will be no new embedded networks for "LARGE" consumers.

26.9   Objection Rules

(a)   The valid objection rules for the change reason codes identified in clause 26.1 are specified in Table 26-B.

Table 26-B – Objection rules**

	CR Code 5001 – Backdate NMI Start 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
NOTRESP	SMALL	ALL	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-
	LARGE												-			
BADPARTY	ALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-

Objection Code	NMI Class	Jur'n	FRMP N	FRMP C	LR N	LR C	MDP N	MDP C	MPB N	MPB C	ROLR N	ROLR C	RP N	RP C	LNSP N	LNSP C
CR Code 5021 – Backdate NMI Start Date - Embedded Network Child																
NOTRESP	SMALL	ALL	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-
	LARGE												-			
BADPARTY	ALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
RETRO	SMALL	NSW VIC SA	Yes	-	Yes	-	-	-	-	-	-	-	-	-	-	-
	LARGE	ALL														

** N = New role, C = Current role.

26.10 Change Request Status Notification Rules

(a) The valid change request status notification rules for the change reason codes identified in clause 26.1 are specified in Table 26-C.

Table 26-C – Change request status notification rules[**]

Status Change	FRMP N	FRMP C	LR N	LR C	LNSP N	LNSP C	MDP N	MDP C	MPB N	MPB C	RoLR N	RoLR C	RP N	RP C
CR Code 5001 – Backdate NMI Start Date **CR Code 5021 – Backdate NMI Start Date - Embedded Network Child** **PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change**														
CANCELLED	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes	-
COMPLETED	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes	-
OBJECTED	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes	-
PENDING	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes	-
REJECTED	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes	-
REQUESTED	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes	-

** N = New role, C = Current role.

27. MAINTAIN NMI – CHANGE A NMI – SMALL OR LARGE

27.1 Application [5050 5051 5053]

This procedure applies to the following change reason codes:

- **5050 – Change NMI Details**

  This is the situation where the current LNSP is required to provide a change to the set of information in the MSATS system in regard to a connection point. The date at which the information will apply would be a prospective date.

- **5051 – Change NMI Details – Retrospective**

  This is the situation where the current LNSP is required to provide a change to the information in the MSATS system in regard to a connection point. The date at which the information will apply would be a retrospective date.

- **5053 – Change NMI Details - Retrospective (Tier 1 only)**

  This is the situation where the current LNSP is required to provide a change to the information in the MSATS system in regard to a connection point that is a tier 1 connection point. The date at which the information will apply would be a retrospective date. This change request is related to change request 5051 but has different notification rules.

27.2 Conditions Precedent

(a) The NMI exists in the MSATS system.

(b) The NMI classification code is SMALL or LARGE.

(c) There are no objections allowed for this change reason code and NMI classification.

(d) Chapter 27 relates only to change reason codes 5050, 5051 and 5053.

(e) In order to use change reason code 5053, the NMI must have been a tier 1 NMI for all its life.

27.3 Initiation Rules

(a) A current LNSP may initiate a change request to change a NMI record in the MSATS system in accordance with clause 27.4.

(b) The current LNSP must use one of the following change reason codes 5050, 5051 or 5053 to establish an initial change request.

27.4 LNSP Obligations

The current LNSP must:

(a) Obtain the NMI checksum from an approved source.

(b) Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c) Populate an initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	Proposed change date	

The current LNSP may:

(d) Populate the initial change request with the following information:

TNI code	DLF code	NMI classification code
Jurisdiction code	NMI status code	Embedded network parent name

Locality	State	Postcode
Building name	DPID	Flat number
Flat type	Floor number	Floor type
House number	House number suffix	Location descriptor
Lot number	Street name	Street suffix
Street type	Unstructured address 1	Unstructured address 2
Unstructured address 3	Feeder Class	Customer Threshold Code

(e)   For change reason codes that are retrospective, populate the initial change request with the

Actual End Date		

27.5   Time Frame Rules

(a)   The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 27-A.

Table 27-A – Time frame rules

CR Code 5050 – Change NMI Details				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	0	0	0	65

CR Code 5051 – Change NMI Details - Retrospective CR Code 5053 – Change NMI Details - Retrospective (Tier 1 Only)				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	0	0	140	0

27.6   Objection Rules

(a)   The valid objection rules for the change reason codes identified in clause 27.1 are specified in Table 27-B.

Table 27-B – Objection rules[**]

CR Code 5050 – Change NMI Details CR Code 5051 – Change NMI Details - Retrospective																
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	-	-	-	-	-	-	-	-
NOTRESP	ALL	ALL	-	-	-	-	-	Yes	-	-	-	-	-	-	-	-

[**]   N = New role, C = Current role.

27.7   Change Request Status Notification Rules

(a)   The valid change request status notification rules for the change reason codes identified in clause 27.1 are specified in Table 27-C.

Table 27-C – Change request status notification rules[**]

CR Code 5050 – Change NMI Details CR Code 5051 – Change NMI Details - Retrospective PARTICIPANT ROLE & ROLE STATUS – 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	-	-	-	-	-	-	-	-
COMPLETED	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes
OBJECTED	-	-	-	-	-	Yes	-	Yes	-	-	-	-	-	-
PENDING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REQUESTED	-	-	-	-	-	-	-	Yes	-	-	-	-	-	-

CR Code 5053 – Change NMI Details - Retrospective (Tier 1 Only) PARTICIPANT ROLE & ROLE STATUS – 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	-	-	-	-	-	-	-	-
COMPLETED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OBJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENDING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REJECTED	-	Yes	-	-	-	Yes	-	-	-	-	-	-	-	-
REQUESTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-

** N = New role, C = Current role.

28. MAINTAIN NMI – CHANGE A NMI - CUSTOMER CLASSIFICATION CODE – SMALL OR LARGE

28.1 Application [5054 5055]

This procedure applies to the following change reason codes:

- **5054 – Change NMI Details - Customer Classification Code**

  This is the situation where the current FRMP is required to establish or provide a change to the Customer Classification Code (Business/Residential) information in the MSATS system in regard to a connection point. The date at which the information will apply would be a prospective date.

- **5055 – Change NMI Details - Customer Classification Code – Retrospective**

  This is the situation where the current FRMP is required to establish or provide a change to the Customer Classification Code (Business/Residential) information in the MSATS system in regard to a connection point. The date at which the information will apply would be a retrospective date.

28.2 Conditions Precedent

(a) The NMI exists in the MSATS system.

(b) The NMI classification code is SMALL or LARGE.

(c) Chapter 28 relates only to change reason codes 5054 and 5055.

28.3 Initiation Rules

(a) A current FRMP may initiate a change request to change a NMI record in the MSATS system in accordance with clause 28.4.

(b) The current FRMP must use one of the following change reason codes 5054 or 5055 to establish an initial change request.

28.4 FRMP Obligations

The current FRMP must:

(a) Obtain the NMI checksum from an approved source.

(b) Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c) Populate an initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	Proposed change date	Customer Classification Code

The current FRMP may:

(d) For change reason codes that are retrospective, populate the initial change request with the

Actual End Date		

28.5 Time Frame Rules

(a) The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 28-A.

Table 28-A – Time frame rules

CR Code 5054 – Change NMI Details Customer Classification				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	0	0	0	65
CR Code 5055 – Change NMI Details Customer Classification - Retrospective				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	0	0	140	0

28.6   Objection Rules

(a)   There are no objections.

28.7   Change Request Status Notification Rules

(a)   The valid change request status notification rules for the change reason codes identified in clause 28.1 are specified in Table 28-B.

Table 28-B – Change request status notification rules[**]

CR Code 5054 – Change NMI Details Customer Classification CR Code 5055 – Change NMI Details Customer Classification - Retrospective PARTICIPANT ROLE & ROLE STATUS – 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	-	-	-	-	-	-	-	-	-	-	-	-
COMPLETED	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes
OBJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENDING	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
REJECTED	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
REQUESTED	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-

[**]   N = New role, C = Current role.

29. MAINTAIN NMI – CHANGE NMI EMBEDDED NETWORK (CHILD) – SMALL OR LARGE

29.1 Application [5060 5061]

This procedure applies to the following change reason codes:

- **5060 – Change NMI Details - Embedded Network Child**

  This is the situation where the current LR is required to provide a change to the information in the MSATS system in regard to a connection point that is connected to an embedded network. The date at which the information will apply would be a prospective date.

- **5061 – Change NMI Details – Embedded Network Child - Retrospective**

  This is the situation where the current LR is required to provide a change to the information in the MSATS system in regard to a connection point that is connected to an embedded network. The date at which the information will apply would be a retrospective date.

29.2 Conditions Precedent

(a) The NMI exists in the MSATS system.

(b) The NMI classification code is SMALL or LARGE.

(c) There are no objections allowed for this change reason code and NMI classification.

(d) Chapter 29 relates only to change reason codes 5060 and 5061.

29.3 Initiation Rules

(a) A current LR for these change reason codes is the FRMP who has taken on the role of parent for an embedded network.

(b) A current LR may initiate a change request to change a NMI record in the MSATS system in accordance with clause 29.4.

(c) The current LR must use one of the following change reason codes 5060 or 5061 to establish an initial change request.

(d) The LR in this case is the *Embedded Network Local Retailer* (see glossary and section 45 for definitions).

29.4 LR Obligations

The current LR must:

(a) Obtain the NMI checksum from an approved source.

(b) Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c) Populate an initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	Proposed change date	

The current LR may:

(d) Populate the initial change request with the following information:

TNI code	DLF code	NMI classification code
Jurisdiction code	NMI status code	Embedded network parent name
Embedded network child name	Locality	State
Postcode	Building name	DPID

Flat number	Flat type	Floor number
Floor type	House number	House number suffix
Location descriptor	Lot number	Street name
Street suffix	Street type	Unstructured address 1
Unstructured address 2	Unstructured address 3	Feeder Class
Customer Threshold Code		

(e)   For change reason codes that are retrospective, populate the initial change request with the following information:

Actual end date		

29.5   Time Frame Rules

(a)   The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 29-A.

Table 29-A – Time frame rules

CR Code 5060 – Change NMI Details - Embedded Network Child				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL**	0	0	0	65
CR Code 5061 – Change NMI Details - Embedded Network Child - Retrospective				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL**	0	0	140	0

**   The ACT and Tasmanian regulators have not approved the use of embedded networks in their respective Jurisdictions. QLD jurisdiction has not approved embedded networks for "SMALL" consumers and has determined that there will be no new embedded networks for "LARGE" consumers.

29.6   Objection Rules

(a)   There are no objections.

29.7   Change Request Status Notification Rules

(a)   The valid change request status notification rules for the change reason codes identified in clause 29.1 are specified in Table 29-B.

Table 29-B – Change request status notification rules[**]

CR Code 5060 – Change NMI Details - Embedded Network Child CR Code 5061 – Change NMI Details - Embedded Network Child - Retro PARTICIPANT ROLE & ROLE STATUS – 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	-	-	-	-	-	-	-	-	-	-
COMPLETED	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes
OBJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENDING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REJECTED	-	-	-	Yes	-	-	-	-	-	-	-	-	-	-
REQUESTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**   N = New role, C = Current role.

30.   MAINTAIN NMI – CHANGE PARENT EMBEDDED NETWORK NAME – SMALL OR LARGE

30.1   Application [5080 5081]

This procedure applies to the following change reason codes:

- **5080 – Change Parent Embedded Network Name**

  This is the situation where either the current FRMP or the current LNSP is required to provide the MSATS system with a change to the name of the embedded network parent. The date at which the information will apply would be a prospective date.

- **5081 – Change Parent Embedded Network Name - Retro**

  This is the situation where either the current FRMP or the current LNSP is required to provide the MSATS system with a change to the name of the embedded network parent. The date at which the information will apply would be a retrospective date.

30.2   Conditions Precedent

(a)   The NMI exists in the MSATS system.

(b)   The NMI classification code is SMALL or LARGE.

(c)   There are no objections allowed for this change reason code and NMI classification.

(d)   Chapter 30 relates only to change reason codes 5080 and 5081.

30.3   Initiation Rules

(a)   A current FRMP may initiate a change request to change the parent embedded name in the MSATS system in accordance with clause 30.4.

(b)   A current LNSP may initiate a change request to change the parent embedded name in the MSATS system in accordance with clause 30.5.

(c)   The current FRMP or current LNSP must use one of the following change reason codes 5080 or 5081 to establish an initial change request.

30.4   FRMP Obligations

The current FRMP must:

(a)   Obtain the NMI checksum from an approved source.

(b)   Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c)   Populate an initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	Proposed change date	Embedded network parent name

The current FRMP may:

(d)   For change reason codes that are retrospective, populate the initial change request with the following information:

Actual end date		

30.5   LNSP Obligations

The current LNSP must:

(a)   Obtain the NMI checksum from an approved source.

(b)   Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c)   Populate an initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	Proposed change date	Embedded network parent name

The current LNSP may:

(d)   For change reason code 5081, populate the initial change request with the following information:

Actual end date		

30.6   Time Frame Rules

(a)   The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 30-A.

Table 30-A – Time frame rules

CR Code 5080 – Change Parent Embedded Network Name				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL**	0	0	0	65
CR Code 5081 – Change Parent Embedded Network Name - Retrospective				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL**	0	0	140	0

**   The ACT and Tasmanian regulators have not approved the use of embedded networks in their respective Jurisdictions. QLD jurisdiction has not approved embedded networks for "SMALL" consumers. QLD jurisdiction has determined that there will be no new embedded networks for "LARGE" consumers.

30.7   Objection Rules

(a)   There are no objections.

30.8   Change Request Status Notification Rules

(a)   The valid change request status notification rules for the change reason codes identified in clause 30.1 are specified in Table 30-B.

Table 30-B – Change request status notification rules[**]

CR Code 5080 – Change Parent Embedded Network Name CR Code 5081 – Change Parent Embedded Network Name - Retro PARTICIPANT ROLE & ROLE STATUS – 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	-	-	-	-	-	-	-	-
COMPLETED	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes
OBJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENDING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REJECTED	-	Yes	-	-	-	Yes	-	-	-	-	-	-	-	-
REQUESTED	-	Yes	-	-	-	Yes	-	-	-	-	-	-	-	-

**   N = New role, C = Current role.

31. MAINTAIN NMI – MAKE NMI A CHILD NMI – SMALL OR LARGE

31.1 Application [5090 5091]

This procedure applies to the following change reason codes:

- **5090 – Make a NMI a Child NMI**

  This is the situation where the new LNSP (or AEMO if the new LNSP is NRNSP) is required to provide the MSATS system with name of an embedded network for a child NMI and the name of the new LNSP. The date at which the information will apply would be a prospective date.

- **5091 – Make a NMI a Child NMI - Retro**

  This is the situation the new LNSP (or AEMO if the new LNSP is NRNSP) is required to provide the MSATS system with name of an embedded network for a child NMI and the name of the new LNSP. The date at which the information will apply would be a retrospective date.

31.2 Conditions Precedent

(a)   The NMI exists in the MSATS system.

(b)   There are no objections allowed for this change reason code and NMI classification.

(c)   Chapter 31 relates only to change reason codes 5090 and 5091.

31.3 Initiation Rules

(a)   A new LNSP or AEMO may initiate a change request to assign to a NMI a child embedded network name in the MSATS system in accordance with clause 31.4.

(b)   The LNSP must use one of the following change reason codes 5090 or 5091 to establish an initial change request.

31.4 LNSP Obligations

The new LNSP (or AEMO acting as an LNSP if the new LNSP is the participant NRNSP) must:

(a)   Ensure that a NMI is already set up in MSATS as the parent NMI for the embedded network to which the child belongs.

(b)   Confirm the name of the FRMP of the parent NMI for the period starting from the proposed date in accordance with clause 31.4, then determine whether the LR of the child-NMI-to-be is the same as the FRMP of the parent. (If it is not the same for any of this period, it will need to be changed, as per item (c) which follows.)

(c)   If, for any of the period starting from the proposed date provided by the LNSP, the LR is not the same as the FRMP of the parent, arrange for the participant that should be the LR to submit a change request to change the Local Retailer of the child-NMI-to-be to cover the period for which it is incorrect. This must be done by the FRMP of the parent NMI submitting a CR102x, nominating themselves as the FRMP of the parent, MSATS will then update the child record using the ECLR functionality" (see Chapter 40).

(d)   If item 31.4(a) was required, wait for the change request to complete before proceeding to item 31.4(e).

(e)   Populate an initial change request to make the NMI a child NMI with the following information.

Change reason code	Participant transaction id	CATS participant ID
The NMI that is to be made a child and NMI checksum	Proposed change date	The name of the new LNSP, which may be itself
Name of the embedded network in which this NMI is a child		

31.5 Time Frame Rules

(a) The valid time frame rules for each jurisdiction for the respective change reason codes are shown in Table 31-A.

Table 31-A – Time frame rules

CR Code 5090 – Make a NMI a Child NMI				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL**	0	0	0	65
CR Code 5091 – Make a NMI a Child NMI - Retro				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL**	0	0	140	0

** The ACT and Tasmanian regulators have not approved the use of embedded networks in their respective Jurisdictions. QLD jurisdiction has not approved embedded networks for "SMALL" consumers and determined that there will be no new embedded networks for "LARGE" consumers.

31.6 Objection Rules

(a) There are no objections.

31.7 Change Request Status Notification Rules

(a) The valid change request status notification rules for the change reason codes identified in clause 31.1 are specified in Table 31-B.

Table 31-B – Change request status notification rules[**]

CR Code 5090 – Make a NMI a Child NMI CR Code 5091 – Make a NMI a Child NMI - Retro PARTICIPANT ROLE & ROLE STATUS – 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	-	-	-	-	-	-	-	-	-
COMPLETED	-	Yes	-	Yes	Yes	Yes	-	Yes	-	Yes	-	-	-	Yes
OBJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENDING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REJECTED	-	-	-	-	Yes	-	-	-	-	-	-	-	-	-
REQUESTED	-	-	-	-	Yes	-	-	-	-	-	-	-	-	-

** N = New role, C = Current role.

32. CHANGE ROLE – CHANGE LNSP – SMALL OR LARGE

32.1 Application [6100 6110]

This procedure applies to the following change reason codes:

- **6100 – Change LNSP**

  This is the situation where the new LNSP is required (either by a regulatory change or due to an error in the NMI master record) to provide a change to the information in the MSATS system in regard to the name of the current LNSP. The date at which the information will apply would be a prospective date.

- **6110 – Change LNSP - Retrospective**

  This is the situation where the new LNSP is required (either by a regulatory change or due to an error in the NMI master record) to provide a change to the information in the MSATS system in regard to the name of the current LNSP. The date at which the information will apply would be a retrospective date.

32.2 Conditions Precedent

(a)   The NMI exists in the MSATS system.

(b)   The NMI classification code is SMALL or LARGE.

(c)   Chapter 32 relates only to change reason codes 6100 and 6110.

32.3 Initiation Rules

(a)   A new LNSP may initiate a change request to change a LNSP in the MSATS system in accordance with clause 32.4.

(b)   The new LNSP must use one of the following change reason codes 6100 or 6110 to establish an initial change request.

32.4 LNSP Obligations

The new LNSP must:

(a)   Obtain the NMI checksum from an approved source.

(b)   Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c)   Populate an initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	Proposed change date	

(d)   Nominate itself as the new LNSP.

The new LNSP may:

(e)   Populate the initial change request with the following information:

TNI code	DLF code	NMI classification code
Jurisdiction code		

(f)   For change reason code 6110, populate the initial change request with:

Actual end date		

The current LNSP may

(g)   Object to the change request in accordance with the objection rules provided in clause 32.6.

32.5   Time Frame Rules

(a)   The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 32-A.

Table 32-A – Time frame rules

CR Code 6100 – Change LNSP				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	5	20	0	65
CR Code 6110 – Change LNSP - Retrospective				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	5	20	130	0

32.6   Objection Rules

(a)   The valid objection rules for the change reason codes identified in clause 32.1 are specified in Table 32-B.

Table 32-B – Objection rules[**]

	CR Code 6100 – Change LNSP														
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
BADDATA	ALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
NOTRESP	ALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
	CR Code 6110 – Change LNSP - Retrospective														
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
BADDATA	ALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
NOTRESP	ALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
RETRO	ALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes

[**]   N = New role, C = Current role.

32.7   Change Request Status Notification Rules

(a)   The valid change request status notification rules for the change reason codes identified in clause 32.1 are specified in Table 32-C.

Table 32-C – Change request status notification rules[**]

CR Code 6100 – Change LNSP CR Code 6110 – Change LNSP - Retrospective PARTICIPANT ROLE & ROLE STATUS – 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	-	-	-	-	-	-
COMPLETED	-	Yes	-	Yes	Yes	Yes	-	Yes	-	Yes	-	-	-	Yes
OBJECTED	-	-	-	-	Yes	Yes	-	Yes	-	-	-	-	-	-
PENDING	-	-	-	-	Yes	Yes	-	Yes	-	-	-	-	-	-
REJECTED	-	-	-	-	Yes	Yes	-	Yes	-	-	-	-	-	-
REQUESTED	-	-	-	-	Yes	Yes	-	Yes	-	-	-	-	-	-

[**]   N = New role, C = Current role.

33.   CHANGE ROLE – CHANGE MDP – SMALL OR LARGE

33.1   Application [6200 6210]

This procedure applies to the following change reason codes:

- **6200 – Change MDP**

    This is the situation where the current FRMP or current RP is required to provide a change to the information in the MSATS system in regard to the name of the current MDP. The date at which the information will apply would be a prospective date.

- **6210 – Change MDP - Retrospective**

    This is the situation where the current FRMP or current RP is required to provide a change to the information in the MSATS system in regard to the name of the current MDP. The date at which the information will apply would be a retrospective date.

33.2   Conditions Precedent

(a)   The NMI details exist in MSATS

(b)   The NMI classification code is SMALL or LARGE.

(c)   Chapter 33 relates only to change reason codes 6200 and 6210.

33.3   Initiation Rules

(a)   The current FRMP or RP may initiate a change request to change a MDP in the MSATS system in accordance with clause 33.4 or clause 33.5.

(b)   The current FRMP or RP must use one of the following change reason codes 6200 or 6210 to establish an initial change request.

33.4   FRMP Obligations

If the change request is initiated by the current FRMP, the current FRMP must:

(a)   Obtain the NMI checksum from an approved source.

(b)   Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c)   Populate an initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	Proposed change date	MDP

If the change request is initiated by the current FRMP, the current FRMP may:

(d)   For change reason codes that are retrospective, populate the initial change request with the following information:

Actual end date		

33.5   RP Obligations

If the change request is initiated by the current RP, the current RP must:

(a)   Obtain the NMI checksum from an approved source.

(b)   Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c)   Populate an initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	Proposed change date	MDP

If the change request is initiated by the current RP, the current RP may:

(d)   For change reason codes that are retrospective, populate the initial change request with the following information:

Actual end date		

33.6   MDP Obligations

The new and current MDP may:

(a)   Object to the change request in accordance with the objection rules provided in clause 33.8.

33.7   Time Frame Rules

(a)   The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 33-A.

Table 33-A – Time frame rules

CR Code 6200 – Change MDP				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	5	20	0	65

CR Code 6210 – Change MDP - Retrospective				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	5	20	130	0

33.8   Objection Rules

(a)   The valid objection rules for the change reason codes identified in clause 33.1 are specified in Table 33-B.

Table 33-B – Objection rules[**]

CR Code 6200 – Change MDP															
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	-	-	-	-	-	-	-	-	-
DECLINED	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	-	-	-	-
NOTRESP	ALL	ALL	-	-	-	-	-	Yes	-	-	-	-	-	-	-	-

CR Code 6210 – Change MDP - Retrospective															
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	-	-	-	-	-	-	-	-	-
DECLINED	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	-	-	-	-
NOTRESP	ALL	ALL	-	-	-	-	-	Yes	-	-	-	-	-	-	-	-
BADDATA	SMALL	NSW VIC SA	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
BADDATA	LARGE	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-

[**]   N = New role, C = Current role.

33.9   Change Request Status Notification Rules

(a)   The valid change request status notification rules for the change reason codes identified in clause 33.1 are specified in Table 33-C.

Table 33-C – Change request status notification rules[**]

CR Code 6200 – Change MDP													
CR Code 6210 – Change MDP - Retrospective													
PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change													
Status	**FRMP**		**LR**		**LNSP**		**MDP**		**MPB**		**RoLR**		**RP**	
Change	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**
CANCELLED	-	Yes	-	-	-	-	Yes	Yes	-	-	-	-	-	Yes
COMPLETED	-	Yes	-	Yes	-	Yes	Yes	Yes	-	Yes	-	-	-	Yes
OBJECTED	-	Yes	-	-	-	-	Yes	Yes	-	-	-	-	-	Yes
PENDING	-	Yes	-	-	-	-	Yes	Yes	-	-	-	-	-	Yes
REJECTED	-	Yes	-	-	-	-	-	-	-	-	-	-	-	Yes
REQUESTED	-	Yes	-	-	-	-	Yes	Yes	-	-	-	-	-	Yes

[**]   N = New role, C = Current role.

34. CHANGE ROLE – CHANGE RP – SMALL OR LARGE

34.1 Application [6300 6301]

This procedure applies to the following change reason codes:

- **6300 – Change RP**

  This is the situation where the new RP is required (either by a regulatory change or due to an error in the NMI master record) to provide a change to the information in the MSATS system in regard to name of the current RP. The date at which the information will apply would be a prospective date.

- **6301 – Change RP - Retrospective**

  This is the situation where the new RP is required (either by a regulatory change or due to an error in the NMI master record) to provide a change to the information in the MSATS system in regard to name of the current RP. The date at which the information will apply would be a retrospective date.

34.2 Conditions Precedent

(a)   The NMI exists in the MSATS system.

(b)   The NMI classification code is SMALL or LARGE.

(c)   Chapter 34 relates only to change reason codes 6300 and 6301.

34.3 Initiation Rules

(a)   A new RP may initiate a change request to change the RP in the MSATS system in accordance with clause 34.4.

(b)   The new RP must use one of the following change reason codes 6300 or 6301 to establish an initial change request.

34.4 RP Obligations

The new RP must:

(a)   Obtain the NMI checksum from an approved source.

(b)   Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c)   Populate an initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	Proposed change date	

(d)   Nominate itself as the new RP.

The new RP may:

(e)   For change reason codes that are retrospective, populate the initial change request with the following information:

Actual end date		

The current RP may:

(f)   Object to the change request in accordance with the objection rules provided in clause 34.7.

34.5 FRMP Obligations

The current FRMP may:

(a)   Object to the change request in accordance with the objection rules provided in clause 34.7.

34.6   Time Frame Rules

(a)   The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 34-A.

Table 34-A – Time frame rules

CR Code 6300 – Change RP				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	5	20	0	65
CR Code 6301 – Change RP - Retrospective				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	5	20	130	0

34.7   Objection Rules

(a)   The valid objection rules for the change reason codes identified in clause 34.1 are specified in Table 34-B.

Table 34-B – Objection rules[**]

CR Code 6300 – Change RP															
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
BADPARTY	ALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	Yes	-	-
CR Code 6301 – Change RP - Retrospective															
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
BADPARTY	ALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	Yes	-	-
RETRO	ALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	Yes	-	-

[**]   N = New role, C = Current role.

34.8   Change Request Status Notification Rules

(a)   The valid change request status notification rules for the change reason codes identified in clause 34.1 are specified in Table 34-C.

Table 34-C – Change request status notification rules[**]

CR Code 6300 – Change RP CR Code 6301 – Change RP - Retrospective PARTICIPANT ROLE & ROLE STATUS – 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
COMPLETED	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-	-	Yes	Yes
OBJECTED	-	Yes	-	-	-	-	-	-	-	-	-	-	Yes	Yes
PENDING	-	-	-	-	-	-	-	-	-	-	-	-	Yes	Yes
REJECTED	-	-	-	-	-	-	-	-	-	-	-	-	Yes	Yes
REQUESTED	-	Yes	-	-	-	-	-	-	-	-	-	-	Yes	Yes

[**]   N = New role, C = Current role.

35. CHANGE ROLE – CHANGE LR – SMALL OR LARGE

35.1 Application [6400 6401]

This procedure applies to the following change reason codes:

- **6400 – Change LR**

  This is the situation where the new LR is required (either by a regulatory change or due to an error in the NMI master record) to provide a change to the information in the MSATS system in regard to name of the current LR. The date at which the information will apply would be a prospective date.

- **6401 – Change LR - Retrospective**

  This is the situation where the new LR is required (either by a regulatory change or due to an error in the NMI master record) to provide a change to the information in the MSATS system in regard to name of the current LR. The date at which the information will apply would be a retrospective date.

35.2 Conditions Precedent

(a) The NMI exists in the MSATS system.

(b) The NMI classification code is SMALL or LARGE.

(c) Chapter 35 relates only to change reason codes 6400 and 6401.

35.3 Initiation Rules

(a) A new LR may initiate a change request to change a LR in the MSATS system in accordance with clause 35.4.

(b) The new LR must use one of the following change reason codes 6400 or 6401 to establish an initial change request.

35.4 LR Obligations

The new LR must:

(a) Obtain the NMI checksum from an approved source.

(b) Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c) Populate an initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	Proposed change date	

(d) Nominate itself as the new LR.

The new LR may:

(e) For change reason codes that are retrospective, populate the initial change request with the following information:

Actual end date		

The current LR may:

(f) Object to the change request in accordance with the objection rules provided in clause 35.6.

35.5 Time Frame Rules

(a) The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 35-A.

Table 35-A – Time frame rules

CR Code 6400 – Change LR						
Jurisdiction	Objection Logging Business Days		Objection Clearing Business Days		Retrospective Business Days	Prospective Business Days
	Small NMI	Large NMI	Small NMI	Large NMI		
ALL	1	5	10	20	0	65
CR Code 6401 – Change LR - Retrospective						
Jurisdiction	Objection Logging Business Days		Objection Clearing Business Days		Retrospective Business Days	Prospective Business Days
	Small NMI	Large NMI	Small NMI	Large NMI		
ALL	1	5	10	20	130	0

35.6   Objection Rules

(a)   The valid objection rules for the change reason codes identified in clause 35.1 are specified in Table 35-B.

Table 35-B – Objection rules[**]

CR Code 6400 – Change LR																
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
NOTRESP	ALL	ALL	-	-	-	Yes	-	-	-	-	-	-	-	-	-	-
CR Code 6401 – Change LR - Retrospective																
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
NOTRESP	ALL	ALL	-	-	-	Yes	-	-	-	-	-	-	-	-	-	-
RETRO	ALL	ALL	-	-	-	Yes	-	-	-	-	-	-	-	-	-	-

[**]   N = New role, C = Current role.

35.7   Change Request Status Notification Rules

(a)   The valid change request status notification rules for the change reason codes identified in clause 35.1 are specified in Table 35-C.

Table 35-C – Change request status notification rules[**]

CR Code 6400 – Change LR CR Code 6401 – Change LR - Retrospective PARTICIPANT ROLE & ROLE STATUS – 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	-	-	-	-	-	-
COMPLETED	-	Yes	Yes	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes
OBJECTED	-	-	Yes	Yes	-	-	-	Yes	-	-	-	-	-	-
PENDING	-	-	Yes	Yes	-	-	-	Yes	-	-	-	-	-	-
REJECTED	-	-	Yes	Yes	-	-	-	Yes	-	-	-	-	-	-
REQUESTED	-	-	Yes	Yes	-	-	-	Yes	-	-	-	-	-	-

[**]   N = New role, C = Current role.

36. CHANGE ROLE – CHANGE LR - EMBEDDED NETWORK (CHILD) – SMALL OR LARGE

36.1 Application [6421]

This procedure applies to the following change reason codes:

- **6421 – Change LR - Child NMI - Retrospective**

    This is the situation where the new LR for an embedded network child NMI is required (due to an error in the NMI master record) to provide a change to the information in the MSATS system in regard to name of the current LR. The date at which the information will apply would be a retrospective date.

36.2 Conditions Precedent

(a)   The NMI exists in the MSATS system.

(b)   The NMI classification code is SMALL or LARGE.

(c)   Chapter 36 relates only to change reason code 6421.

(d)   The new LR for the Child must be the FRMP of the Parent NMI.

36.3 Initiation Rules

(a)   A new LR may initiate a change request to change a LR in the MSATS system in accordance with clause 36.4.

(b)   The new LR must use the following change reason code 6421 to establish an initial change request.

36.4 LR Obligations

The new LR must:

(a)   Obtain the NMI checksum from an approved source.

(b)   Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c)   Populate an initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	Proposed change date	

(d)   Nominate itself as the new LR.

The new LR may:

(e)   Populate the initial change request with the following information:

Actual end date		

The current LR may:

(f)   Object to the change request in accordance with the objection rules provided in clause 36.6.

36.5 Time Frame Rules

(a)   The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 36-A.

Table 36-A – Time frame rules

CR Code 6421 – Change LR Child NMI - Retrospective						
Jurisdiction	Objection Logging Business Days		Objection Clearing Business Days		Retrospective Business Days	Prospective Business Days
	Small NMI	Large NMI	Small NMI	Large NMI		
ALL	1	5	10	20	130	0

36.6   Objection Rules

(a)   The valid objection rules for the change reason codes identified in clause 36.1 are specified in Table 36-B.

Table 36-B – Objection rules[**]

CR Code 6421 – Change LR Child NMI - Retrospective																
Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		MPC		RP		LNSP	
			N	C	N	C	N	C	N	C	N	C	N	C	N	C
NOTRESP	ALL	ALL	-	-	-	Yes	-	-	-	-	-	-	-	-	-	-
RETRO	ALL	ALL	-	-	-	Yes	-	-	-	-	-	-	-	-	-	-

[**]   N = New role, C = Current role.

36.7   Change Request Status Notification Rules

(a)   The valid change request status notification rules for the change reason codes identified in clause 36.1 are specified in Table 36-C.

Table 36-C – Change request status notification rules[**]

CR Code 6421 – Change LR Embedded Network Child – Retrospective PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change													
Status Change	FRMP		LR		LNSP		MDP		MPB		MPC		RP
	N	C	N	C	N	C	N	C	N	C	N	C	N	C
CANCELLED	-	-	Yes	Yes	-	-	-	Yes	-	-	-	-	-	-
COMPLETED	-	Yes	Yes	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes
OBJECTED	-	-	Yes	Yes	-	-	-	Yes	-	-	-	-	-	-
PENDING	-	-	Yes	Yes	-	-	-	Yes	-	-	-	-	-	-
REJECTED	-	-	Yes	Yes	-	-	-	Yes	-	-	-	-	-	-
REQUESTED	-	-	Yes	Yes	-	-	-	Yes	-	-	-	-	-	-

[**]   N = New role, C = Current role.

37. CHANGE ROLE – CHANGE ROLR – SMALL OR LARGE

37.1 Application [6500 6501]

This procedure applies to the following change reason codes:

- **6500 – Change ROLR**

  This is the situation where the new ROLR is required (either by a regulatory change or due to an error in the NMI master record) to provide a change to the information in the MSATS system in regard to the name of the current ROLR. The date at which the information will apply would be a prospective date.

- **6501 – Change ROLR - Retrospective**

  This is the situation where the new ROLR is required (either by a regulatory change or due to an error in the NMI master record) to provide a change to the information in the MSATS system in regard to the name of the current ROLR. The date at which the information will apply would be a retrospective date.

37.2 Conditions Precedent

(a)   The NMI exists in the MSATS system.

(b)   The NMI classification code is SMALL or LARGE.

(c)   Chapter 37 relates only to change reason codes 6500 and 6501.

37.3 Initiation Rules

(a)   A new ROLR may initiate a change request to change a ROLR in the MSATS system in accordance with clause 37.4.

(b)   The new ROLR must use one of the following change reason codes 6500 or 6501 to establish an initial change request.

37.4 ROLR Obligations

The new ROLR must:

(a)   Obtain the NMI checksum from an approved source.

(b)   Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c)   Populate an initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	Proposed change date	

(d)   Nominate itself as the new ROLR.

The new ROLR may:

(e)   For change reason codes that are retrospective, populate the initial change request with the following information:

Actual end date		

The current ROLR may:

(f)   Object to the change request in accordance with the objection rules provided in clause 37.6.

37.5 Time Frame Rules

(a) The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 37-A.

Table 37-A – Time frame rules

CR Code 6500 – Change ROLR						
Jurisdiction	Objection Logging Business Days		Objection Clearing Business Days		Retrospective Business Days	Prospective Business Days
	Small NMI	Large NMI	Small NMI	Large NMI		
ALL	1	5	10	20	0	65
CR Code 6501 – Change ROLR - Retrospective						
Jurisdiction	Objection Logging Business Days		Objection Clearing Business Days		Retrospective Business Days	Prospective Business Days
	Small NMI	Large NMI	Small NMI	Large NMI		
ALL	1	5	10	20	130	0

37.6 Objection Rules

(a) The valid objection rules for the change reason codes identified in clause 37.1 are specified in Table 37-B.

Table 37-B – Objection rules[**]

CR Code 6500 – Change ROLR														
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
NOTRESP	ALL	ALL	-	-	-	-	-	-	-	-	-	Yes	-	-	-	-
CR Code 6501 – Change ROLR - Retrospective														
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
NOTRESP	ALL	ALL	-	-	-	-	-	-	-	-	-	Yes	-	-	-	-
RETRO	ALL	ALL	-	-	-	-	-	-	-	-	-	Yes	-	-	-	-

[**]   N = New role, C = Current role.

37.7 Change Request Status Notification Rules

(a) The valid change request status notification rules for the change reason codes identified in clause 37.1 are specified in Table 37-C.

Table 37-C – Change request status notification rules[**]

CR Code 6500 – Change ROLR CR Code 6501 – Change ROLR - Retrospective PARTICIPANT ROLE & ROLE STATUS – 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	-	-
COMPLETED	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	Yes	Yes	-	Yes
OBJECTED	-	-	-	-	-	-	-	-	-	-	Yes	Yes	-	-
PENDING	-	-	-	-	-	-	-	-	-	-	Yes	Yes	-	-
REJECTED	-	-	-	-	-	-	-	-	-	-	Yes	Yes	-	-
REQUESTED	-	-	-	-	-	-	-	-	-	-	Yes	Yes	-	-

[**]   N = New role, C = Current role.

38. CHANGE ROLE – CHANGE MPB AND / OR MPC– SMALL OR LARGE

38.1 Application [6700 6701]

This procedure applies to the following change reason codes:

- **6700 – Change MPB and / or MPC**

  This is the situation where the current RP is required to provide a change to the information in the MSATS system in regard to name of the current MPB and / or MPC. The date at which the information will apply would be a prospective date.

- **6701 – Change MPB and / or MPC - Retrospective**

  This is the situation where the current RP is required to provide a change to the information in the MSATS system in regard to name of the current MPB and / or MPC. The date at which the information will apply would be a retrospective date.

38.2 Conditions Precedent

(a) The NMI exists in the MSATS system.

(b) The NMI classification code is SMALL or LARGE.

(c) Chapter 38 relates only to change reason codes 6700 and 6701.

38.3 Initiation Rules

(a) A current RP may initiate a change request to change a Metering Provider in the MSATS system in accordance with clause 38.4.

(b) The current RP must use one of the following change reason codes 6700 or 6701 to establish an initial change request.

38.4 RP Obligations

The current RP must:

(a) Obtain the NMI checksum from an approved source.

(b) Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c) Populate an initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	Proposed change date	

(d) Populate the initial change request with at least one of the following information:

MPB	MPC	

The current RP may:

(e) For change reason codes that are retrospective, populate the initial change request with the following information:

Actual end date		

38.5 MPB Obligations

The new MPB may:

(a) Object to the change request in accordance with the objection rules provided in clause 38.8.

38.6 LNSP Obligations

The current LNSP may:

(a) Object to the change request in accordance with the objection rules provided in clause 38.8.

38.7 Time Frame Rules

(a) The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 38-A.

Table 38-A – Time frame rules

CR Code 6700 – Change MP				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	5	20	0	65
CR Code 6701 – Change MP - Retrospective				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	5	20	130	0

38.8 Objection Rules

(a) The valid objection rules for the change reason codes identified in clause 38.1 are specified in Table 38-B.

Table 38-B – Objection rules[**]

Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		ROLR		RP		LNSP	
CR Code 6700 – Change MP **CR Code 6701 – Change MP - Retrospective**			N	C	N	C	N	C	N	C	N	C	N	C	N	C
DECLINED	ALL	ALL	-	-	-	-	-	-	Yes	-	-	-	-	-	-	-
NOTAPRD	ALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes

[**] N = New role, C = Current role.

38.9 Change Request Status Notification Rules

(a) The valid change request status notification rules for the change reason codes identified in clause 38.1 are specified in Table 38-C.

Table 38-C – Change request status notification rules[**]

Status Change	FRMP		LR		LNSP		MDP		MPB		RoLR		RP	
CR Code 6700 – Change MP **CR Code 6701 – Change MP - Retrospective** **PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change**	N	C	N	C	N	C	N	C	N	C	N	C	N	C
CANCELLED	-	-	-	-	-	Yes	-	-	Yes	Yes	-	-	-	Yes
COMPLETED	-	Yes	-	-	-	Yes	-	Yes	Yes	Yes	-	-	-	Yes
OBJECTED	-	-	-	-	-	Yes	-	-	Yes	Yes	-	-	-	Yes
PENDING	-	-	-	-	-	-	-	-	Yes	Yes	-	-	-	Yes
REJECTED	-	-	-	-	-	Yes	-	-	Yes	Yes	-	-	-	Yes
REQUESTED	-	-	-	-	-	Yes	-	-	Yes	Yes	-	-	-	Yes

[**] N = New role, C = Current role.

39. CHANGE ROLE – CHANGE MULTIPLE ROLES – SMALL OR LARGE

39.1 Application [6800 6801]

This procedure applies to the following change reason codes:

- **6800 – Change Multiple Roles**

  This is the situation where the current FRMP is required to provide concurrent changes to the information in the MSATS system in regard to:

  - The current RP, and at least one of the following roles:
    o The current MDP;
    o The current MPB;
    o The current MPC.

  The date at which the information will apply would be a prospective date.

- **6801 – Change Multiple Roles - Retrospective**

  This is the situation where the current FRMP is required to provide concurrent changes to the information in the MSATS system in regard to:

  - The current RP, and at least one of the following roles:
    o The current MDP;
    o The current MPB;
    o The current MPC;

  The date at which the information will apply would be a retrospective date.

39.2 Conditions Precedent

(a) The NMI exists in the MSATS system.

(b) The NMI classification code is SMALL or LARGE.

(c) Chapter 39 relates only to change reason codes 6800 and 6801.

(d) The date of the change of RP, and/or MDP, and/or MPB and/or MPC will be the actual change date.

39.3 Initiation Rules

(a) A current FRMP may initiate a change request to change the RP, MDP, MPB and MPC in the MSATS system in accordance with clause 39.4.

(b) The current FRMP must use one of the following change reason codes 6800 or 6801 to establish an initial change request.

39.4 FRMP Obligations

The FRMP must:

(a) Obtain the NMI checksum from an approved source.

(b) Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c) Populate an initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	Proposed change date	

(d) Populate an initial change request with at least one of the following:

MDP	MPB	MPC

(e)   Nominate itself as the new RP.

The FRMP may:

(f)   For change reason codes that are retrospective, populate the initial change request with the following information:

Actual end date		

39.5   RP Obligations

The current RP may:

(a)   Object to the change request in accordance with the objection rules provided in clause 39.10.

39.6   MDP Obligations

The MDP must:

(a)   On receipt of a data request for change reason code 6800 initiate a change request to provide the actual change date.

(b)   For prospective changes that do not require a meter read, provide the actual change date within 2 days of the actual change date being reached.

(c)   For changes that require a meter read, provide the actual change date within 2 days of the meter read.

(d)   For retrospective changes that do not require a meter read, provide the actual change date within 2 days of receipt of the data request.

The new MDP may:

(e)   Object to the change request in accordance with the objection rules provided in clause 39.10.

The current MDP may:

(f)   Object to the change request in accordance with the objection rules provided in clause 39.10.

39.7   MPB Obligations

The new and current MPB may:

(a)   Object to the change request in accordance with the objection rules provided in clause 39.10.

39.8   MPC Obligations

The new and current MPC may:

(a)   Object to the change request in accordance with the objection rules provided in clause 39.10.

39.9   Time Frame Rules

(a)   The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 39-A.

Table 39-A – Time frame rules

CR Code 6800 – Change Multiple Roles				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	5	20	0	65
CR Code 6801 – Change Multiple Roles - Retrospective				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	5	20	130	0

39.10 Objection Rules

(a) The valid objection rules for the change reason codes identified in clause 39.1 are specified in Table 39-B.

Table 39-B – Objection rules[**]

CR Code 6800 – Change Multiple Roles																
Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		MPC		RP		LNSP	
			N	C	N	C	N	C	N	C	N	C	N	C	N	C
BADMETER	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	-	-	-	-
BADPARTY	ALL	ALL	-	-	-	-	-	-	-	-	-	-	-	Yes	-	-
DATEBAD	ALL	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
DECLINED	ALL	ALL	-	-	-	-	Yes	-	Yes	-	Yes	-	-	-	-	-
NOTAPRD	ALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
NOTRESP	ALL	ALL	-	-	-	-	-	Yes	-	Yes	-	Yes	-	-	-	-

CR Code 6801 – Change Multiple Roles - Retrospective																
Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		MPC		RP		LNSP	
			N	C	N	C	N	C	N	C	N	C	N	C	N	C
BADMETER	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	-	-	-	-
BADPARTY	ALL	ALL	-	-	-	-	-	-	-	-	-	-	-	Yes	-	-
DATEBAD	ALL	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
DECLINED	ALL	ALL	-	-	-	-	Yes	-	Yes	-	Yes	-	-	-	-	-
NOTAPRD	ALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
NOTRESP	ALL	ALL	-	-	-	-	-	Yes	-	Yes	-	Yes	-	-	-	-
RETRO	ALL	ALL	-	-	-	-	-	-	-	-	-	-	-	Yes	-	-
BADDATA	ALL	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-

[**]   N = New role, C = Current role.

39.11 Change Request Status Notification Rules

(a) The valid change request status notification rules for the change reason codes identified in clause 39.1 are specified in Table 39-C.

Table 39-C – Change request status notification rules[**]

CR Code 6800 – Change Multiple Roles														
CR Code 6801 – Change Multiple Roles - Retrospective														
PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change														
Status Change	FRMP		LR		LNSP		MDP		MPB		MPC		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	Yes
OBJECTED	-	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PENDING	-	Yes	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
REJECTED	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
REQUESTED	-	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

[**]   N = New role, C = Current role.

40. AUTO CHANGE ROLE – CHANGE LOCAL RETAILER EMBEDDED NETWORK CHILD – SMALL OR LARGE

40.1 Application [ECLR]

This procedure applies to the following change reason codes:

- **ECLR – Change of Local Retailer - Embed Net Child (Auto)**

  This procedure is an automatic process triggered by MSATS whenever the FRMP is changed on a parent NMI. Once the parent NMI is transferred, MSATS changes the local retailer for each of the children NMIs in the embedded network.

  This is effected at the same time as the FRMP parent NMI changing. All CATS participants will be notified by the MSATS system of this event in accordance with the notifications listed below.

40.2 Conditions Precedent

(a)   The NMI exists in the MSATS system.

(b)   There has been a change of FRMP of a parent NMI to an Embedded network;

(c)   The affected NMIs are children to this Embedded network (as registered in MSATS).

40.3 Time Frame Rules

(a)   The valid time frame rules for each jurisdiction for the respective change reason code are shown in the Table 40-A.

Table 40-A – Time frame rules

CR Code ECLR – Change of Local Retailer - Embed Net Child (Auto)			
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	0	0	130	0

40.4 Objection Rules

(a)   There are no objections.

40.5 Change Request Status Notification Rules

(a)   The valid change request status notification rules for the change reason codes identified in clause 40.1 are specified in Table 40-B.

Table 40-B – Change request status notification rules**

	CR Code ECLR – Change of Local Retailer - Embed Net Child (Auto) PARTICIPANT ROLE & ROLE STATUS – 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPLETED	-	Yes	Yes	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes
OBJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENDING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REQUESTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**   N = New role, C = Current role.

41. AUTO CHANGE ROLE – CHANGE SECONDARY FRMP EMBEDDED NETWORK PARENT – SMALL OR LARGE

41.1 Application [EPFR]

This procedure applies to the following change reason codes:

- **EPFR – Change of FRMP - Embedded Network Parent (Auto)**

This procedure is an automatic process triggered by MSATS whenever the FRMP is changed on a parent NMI. Once the parent NMI is transferred, MSATS changes the FRMP on any other NMIs with the same parent identifier in the embedded network. This case occurs where embedded networks have dual NMIs supplying them.

This is effected at the same time as the FRMP parent NMI changing. All CATS participants will be notified by the MSATS system of this event in accordance with the notifications listed below.

41.2 Conditions Precedent

(a)   The NMI exists in the MSATS system.

(b)   There are additional parent NMIs with the same parent identifier for this Embedded network;

(c)   There has been a change of FRMP of a parent NMI to an Embedded network;

(d)   The affected NMIs are parent to this Embedded network (as registered in MSATS).

41.3 Time Frame Rules

(a)   The valid time frame rules for each jurisdiction for the respective change reason code are shown in the Table 41-A.

Table 41-A – Time frame rules

CR Code EPFR – Change of FRMP - Embedded Network Parent (Auto)				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	0	0	130	0

41.4 Objection Rules

(a)   There are no objections.

41.5 Change Request Status Notification Rules

(a)   The valid change request status notification rules for the change reason codes identified in clause 41.1 are specified in Table 41-B.

Table 41-B – Change request status notification rules[**]

	CR Code EPFR – Change of FRMP - Embedded Network Parent (Auto) PARTICIPANT ROLE & ROLE STATUS – 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPLETED	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes
OBJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENDING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REQUESTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-

[**]   N = New role, C = Current role.

42. AEMO ONLY - AEMO-INITIATED STANDING DATA UPDATES – SMALL OR LARGE

42.1 Application [5100 5101]

This procedure applies to the following change reason codes:

- **5100 – Correct NMI Master Data - (AEMO Only)**

  This is the situation where AEMO identifies a requirement for a change to a connection point which must either be completed with some urgency (in less time than it would take to change that data item, because of the allowance for an objection period) or where several data items that normally can't be changed in the same transaction must be changed at the same time. The date at which the information will apply would be a prospective date.

- **5101 – Correct NMI Master Data - Retrospective (AEMO Only)**

  This is the situation where AEMO identifies a requirement for a change to a connection point which must either be completed with some urgency (in less time than it would take to change that data item, because of the allowance for an objection period) or where several data items that normally can't be changed in the same transaction must be changed at the same time. The date at which the information will apply would be a retrospective date.

42.2 Conditions Precedent

(a) The NMI exists in the MSATS system.

(b) There are no objections allowed for these change reason codes and NMI classification.

(c) The NMI classification code is SMALL or LARGE.

(d) Chapter 42 relates only to change reason codes 5100 and 5101.

42.3 Initiation Rules

(a) AEMO may initiate a change request to create a NMI record in the MSATS system in accordance with clause 42.4.

(b) AEMO must use one of the following change reason codes 5100 or 5101 to establish an initial change request.

42.4 AEMO Obligations

AEMO must:

(a) Obtain the NMI checksum from an approved source.

(b) Confirm that the NMI is a valid NMI for the connection point prior to the initiation of a change request.

(c) Populate an initial change request with the following information:

Change reason code	Participant transaction ID	NMI and NMI checksum
CATS participant ID	Proposed change date	

AEMO may:

(d) Populate the change request with values for the following fields (as applicable):

TNI code	DLF code	Jurisdiction code
NMI status code	NMI classification code	FRMP
LNSP	LR	RP
MPB	MDP	MPC
ROLR	Locality	State
Postcode	Building name	Feeder Class

DPID	Flat number	Flat type
Floor number	**Floor type**	**House number**
House number suffix	**Location descriptor**	**Lot number**
Street name	**Street suffix**	**Street type**
Unstructured address 1	**Unstructured address 2**	**Unstructured address 3**
Embedded network child name	**Embedded network parent name**	**Aggregate flag**
Customer Classification Code	**Customer Threshold Code**	

Populate the initial change request with the following information for each datastream:

NMI suffix (at least one)	Datastream type (for each suffix)	Daily average load (for each suffix)
Datastream status code (for each suffix)	**Profile name (for each suffix)**	

Populate the initial change request with the following information for each meter:

Meter serial ID (at least one)	Metering installation type (for each meter)	Meter status (for each meter)
Additional site information	**Next scheduled read date**	**Meter location**
Meter constant	**Meter hazard**	**Meter point**
Meter route	**Meter use**	**Meter manufacturer**
Meter model	**Meter program**	**Meter read type**
Transformer location	**Transformer type**	**Transformer ratio**
Measurement type	**Last test date**	**Next test date**
Test result accuracy	**Test result notes**	**Test performed by**
Remote phone number	**Communication equipment type**	**Communication protocol**
Data conversion arrangements	**Data validation arrangements**	**Estimation instructions**
Asset management plan details	**Calibration tables (details of any calibration factors programmed into the meter)**	**Password details (the read and time set passwords only, separated by a space; the write password is not to be recorded in MSATS)**
Test and calibration program details	**User access rights details (i.e. details of any end-use customer access to the metering installation such as pulse outputs)**	

Populate the initial change request with the following information for each register:

Register ID (at least one for each meter)	Register ID status (for each register)	Network tariff code
Actual / cumulative indicator (for each register)	**Controlled load indicator (for each register)**	**Network tariff code additional information**
MDM contributory suffix (this can also be supplied by the MDP)	**Demand value 1, if the network tariff charge includes a demand**	**Demand value 2, if the network tariff charge includes a second**

	component	demand component
Time of day code (for each register)	Dial format (for each register)	Multiplier value (for each register)
Unit of measure code (for each register)		

(e)   For change requests that are retrospective, populate the change request with the following information:

Actual End Date		

42.5   Time Frame Rules

(a)   The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 42-A.

Table 42-A – Time frame rules

CR Code 5100 – Correct NMI Master Data - (AEMO Only)				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	0	0	0	65
CR Code 5101 – Correct NMI Master Data - Retrospective (AEMO Only)				
Jurisdiction	Objection Logging Business Days	Objection Clearing Business Days	Retrospective Business Days	Prospective Business Days
ALL	0	0	150	0

42.6   Objection Rules

(a)   There are no objections.

42.7   Change Request Status Notification Rules

(a)   The valid change request status notification rules for the change reason codes identified in clause 42.1 are specified in Table 42-B.

Table 42-B – Change request status notification rules[**]

CR Code 5100 – Correct NMI Master Data - (AEMO Only) CR Code 5101 – Correct NMI Master Data - Retrospective (AEMO Only) PARTICIPANT ROLE & ROLE STATUS – 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPLETED	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes
OBJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENDING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REQUESTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-

[**]   N = New role, C = Current role.

43.   AEMO ONLY - CHANGE ROLE, TNI OR DLF CODE – BULK CHANGE TOOL (BCT) – SMALL OR LARGE

43.1   Introduction

(a)   This procedure covers changes to the following MSATS NMI standing data Items:

1.   LNSP

2.   LR

3.   FRMP

4.   MDP

5.   MPB

6.   MPC

7.   RP

8.   ROLR

9.   TNI Code

10.   DLF Code

(b)   This procedure requires the application of a change reason code. However, the MSATS system provides a specific screen for AEMO as system operator to effect this change of NMI standing data under prescribed conditions.

(c)   This is a special transaction that is undertaken by AEMO in accordance with the on-line function provided in MSATS.

(d)   Access rights to the BCT on-line function in MSATS is restricted and will only be available to a person nominated by AEMO.

(e)   When activated, the BCT function will use a unique Change Reason Code to update the data specified in the request by AEMO.

(f)   Upon advice from jurisdictions etc of a ROLR event, AEMO will utilise the BCT to manage the associated MSATS Role Changes.

(g)   When the BCT is used in MSATS active change requests may be changed to cancelled status.

(h)   The BCT ROLR action will change the identity of the current FRMP in the NMI master record to the Participant id of the party that the jurisdiction has nominated to undertake the ROLR function. (Note the BCT does not use the information specified in the ROLR role against the NMI).

(i)   Where necessary, the BCT ROLR action will change the identity of the parent LR on the embedded network child NMIs, provided these have been set up correctly in MSATS.

(j)   Notification of a change to the NMI master record as per Notifications rules below.

(k)   Responsibilities for requesting, authorising and implementing use of the Bulk Change Tool will be as per Table 43-A.

Table 43-A – Request/Authorise/Implementation Scenarios

Scenario	Request	Authorise	Implement
Mergers & Acquisitions	Participants	AEMO	AEMO
TNI & DLF code updates	Participants	AEMO	AEMO
ROLR Events	AEMO/ Jurisdictions	AEMO	AEMO
Any Other Scenario	Jurisdictions/Partici pants	AEMO	AEMO

43.2   Conditions Precedent

(a)   All Events:

1.   The NMI exists in the MSATS system.

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2. There are NO objections for the BCT process.

3. The Effective Date of the BCT Change Requests shall always be retrospective.

4. The NMI can be any NMI Classification.

5. AEMO has agreement on requirements and details from all parties impacted (except for ROLR event).

6. The use of the BCT functionality is not dependant on the provision of any meter readings at the effective date.

(b) ROLR Event:

1. A decision on the registration status of a current FRMP will be required from AEMO's Board or an authorised person from a Jurisdiction before AEMO can invoke the ROLR function within the MSATS system.

(c) Mergers & Acquisitions

1. The Participant Ids involved in the BCT process must have the same ABN and Jurisdictional licences.

43.3 AEMO Obligations

AEMO must:

(a) Ensure all affected participants have provided approval for change in cases where the BCT is to be used as a result of a participant request.

(b) Ensure all affected participants are aware of the proposed use of the BCT and its criteria where initiated by a Jurisdiction.

(c) Ensure the BCT data complies with the criteria set by the participants or jurisdictions requesting the change.

AEMO may:

(d) Initiate a BCT change, in the case of a ROLR event, based on direction from the AEMO Board.

43.4 Requesting Participant Obligations

The Requesting Participant must:

(a) Provide at least one data item (data field) for change.

(b) Specify the Start and End Date (if required) for the BCT process.

(c) Ensure that all changing data items are active for the whole of the time period specified for the BCT.

(d) Ensure all impacted participants are consulted and have provided approval for change to AEMO.

(e) Specify the notifications to be sent out for the BCT process.

(f) Specify the action required to be taken when a conflicting Change Request is found for the NMIs in the BCT process.

(g)   Provide the selection criteria for NMIs to be included in the BCT from the following fields:

LNSP	LR	FRMP
MDP	MPB	MPC
RP	ROLR	TNI Code
DLF Code	Post Code	Aggregate Flag
NMI Status Code	NMI Class Code	Jurisdiction Code
Embedded Network Parent Code (Embedded network ID or "if null" or "if not null")	Embedded Network Child Code (Embedded network ID or "if null" or "if not null")	The Tier Status (not required if both the LR and FRMP are provided as selection criteria)
NMI Limit (Maximum number of NMIs to be processed in the run)	Previous Bulk Change run identifier (i.e. Change all NMIs in a previous BCT event)	

(h)   Nominate at least one of the following information for change via the BCT:

LNSP	LR	FRMP
MDP[(1)]	MPB[(1)]	MPC[(1)]
RP	ROLR	TNI Code
DLF Code		

Note(1): The Requesting Participant must be the RP to nominate the MDP, MPB and MPC roles.

The Requesting Participant may:

(i)   Further specify a list of NMIs to be used as part of the selection criteria.

43.5   Impacted Participant/s Obligations

The Impacted Participant/s must:

(a)   Provide AEMO acceptance or rejection of the criteria set by the Initiating Participant for use with the BCT (other than a ROLR event).

(b)   Where rejecting the criteria set by the Initiating Participant for use with the BCT, provide AEMO reasonable justification for the rejection.

43.6   MDP Obligations

The MDP must:

(a)   Update the activity status of any affected datastreams via normal Change Request processes.

43.7   Time Frame Rules

(a)   Change Requests initiated via the BCT can only be retrospective.

(b)   All Retrospective Days shall apply as per the appropriate Change Reason Code that would normally have applied (refer to appropriate change request chapter in this document).

(c)   No objection logging or clearing periods shall be available.

43.8   Objection Rules

(a)   There are no objections.

43.9   Change Request Status Notification Rules

(a)   The Change Request status notification rules for the BCT process are configurable to suit the changes being made. In each case these will need to be specified by the Initiating Participant. For all events, only COM notifications will be provided.

44.   ACCESS TO CATS STANDING DATA

44.1   Introduction

(a)   This chapter provides the rules for access to CATS standing data that is available from the MSATS system.

(b)   Separate rules apply to CATS standing data which is available for NMI Discovery and CATS standing data that can be accessed by CATS participants with a relationship to a NMI.

(c)   NMI standing data for NMI discovery is the specified sub-set of CATS standing data identified in Table 44-A, Table 44-C, Table 44-I and Table 44-J.

(d)   The entire set of CATS standing data is identified in Table 44-D , Table 44-E, Table 44-F, Table 44-G, Table 44-H.

44.2   CATS participant

(a)   In accordance with Jurisdictional requirements, a CATS participant may seek access to NMI standing data from the MSATS system in accordance with clause 44.3 for the purpose of identifying the NMI characters assigned to a connection point or as otherwise prescribed by the jurisdiction.

(b)   If agreed with a potential retail consumer, a CATS participant may seek access to NMI standing data from the MSATS system in accordance with clause 44.4 for the purpose of identifying the NMI standing data assigned to a connection point or as otherwise prescribed by the jurisdiction.

(c)   A CATS participant may seek access to NMI standing data from the MSATS system in accordance with clause 44.6 only for the purpose of:

1.   Identifying the current FRMP so the customer can be referred to them in order to arrange a site abolishment;

2.   Identifying the current FRMP to advise an error correction transfer (1021, 1023, 1024 and 1029) is to be raised;

3.   Identifying the current FRMP to obtain agreement to raise a transfer 1010 – retrospective align to meter read;

4.   Identifying the most recent previous FRMP to arrange with them to raise a transfer in order to win back a NMI transferred in error. (1022, 1025, 1026, 1027 and 1028.)

(d)   A current CATS participant is provided with access to CATS standing data in the MSATS system in accordance with Table 44-D, Table 44-E, Table 44-F, Table 44-G, Table 44-H, Table 44-I and Table-44J.

(e)   For the purpose of this chapter, a reference to a:

1.   CATS Participant;

2.   Retailer; or

3.   FRMP,

Is also a reference to a dDisclosee under clause 8.6.2(b1) of the Rules.

44.3   NMI Discovery – NMI Search Rules (stage 1)

(a)   The NMI search rules define what search parameters can be used in a Jurisdiction.

(b)   The available NMI search options are:

1.   DPID;

2.   Meter Serial ID;

3.   Address (without DPID).

(c)   Any or all of these options can be activated. Activation is in the ascending order shown in clause 44.3(b).

(d)   If a search is carried out using the address option, then the state and locality (or state and postcode) must also be provided.

(e)   If a search is carried out using meter serial ID then the state, locality and postcode are not required.

(f)   The address information can be either structured or unstructured. If a search is carried out using the address option only then all input information is expected in the structured format as the first level of search. If this level of search is not successful, a second search on unstructured format will be undertaken by the MSATS system.

(g)   If a NMI master record does not contain DPID or address information, then the NMI search will only be successful if a meter serial ID is provided as a search option.

(h)   The MSATS system identifies a unique metering installation. The metering installation may be co-located with a postal delivery point but there will be instances where the metering installation has no postal delivery point. In recognition of this variation, the MSATS system enables the CATS participant to enter in either a structured or an unstructured address. The unstructured address should not contain state and postcode information.

(i)   The NMI search rules also define how many matches will be returned in the case of multiple matches.

(j)   If a match occurs, the MSATS system will return to the CATS participant the following:

Table 44-A

MSATS Name	Description of data items returned on a successful NMI Discovery request	Only if "Address returned in stage 1" is turned on
NMI	a 10 digit national metering identifier	Always returned
NMI Checksum		Always returned
LNSP	Local Network Service Provider	Always returned
Flat Type	See Table 44-E below for description	✓
Flat Number	See Table 44-E below for description	✓
Floor Type	See Table 44-E below for description	✓
Floor Number	See Table 44-E below for description	✓
Building Name	See Table 44-E below for description	✓
Location Descriptor	See Table 44-E below for description	✓
House Number	See Table 44-E below for description	✓
House Number Suffix	See Table 44-E below for description	✓
Lot Number	See Table 44-E below for description	✓
Street Name	See Table 44-E below for description	✓
Street Type	See Table 44-E below for description	✓
Street Suffix	See Table 44-E below for description	✓
Locality	See Table 44-E below for description	✓
State	See Table 44-E below for description	✓
Postcode	See Table 44-E below for description	✓
DPID Number	See Table 44-E below for description	✓
Unstructured Address1	See Table 44-E below for description	✓
Unstructured Address 2	See Table 44-E below for description	✓
Unstructured Address 3	See Table 44-E below for description	✓
EmbNet Parent	See Table 44-E below for description	✓
EmbNet Child	See Table 44-E below for description	✓
Feeder Class	See Table 44-E below for description	✓
Customer Classification Code	See Table 44-E below for description	✓
Customer Threshold Code	See Table 44-E below for description	✓

(k)   No other information will be provided.

(l)   The valid NMI search rules are shown in Table 44-B.

(m)   A Local Network Service Provider must:

  1.   only carry out a stage 1 NMI Discovery on any NMI or NMIs where they are assigned a role as the current LNSP.

  2.   Only perform stage 1 NMI search activity within its local area for the purpose of responding to a request from a retailer to assist in the resolution of a NMI data problem, or to perform quality checks of its data within the MSATS system.

Table 44-B – NMI search rules

Jur'n	Role Id	DPID	Meter Serial Id	NMI Address	Address returned in Stage 1	Number of Records Returned if Multiple Match
All	FRMP LNSP	Yes	Yes	Yes	Yes	99

44.4   NMI Discovery – NMI Standing Data Access Rules (stage 2)

(a)   This clause 44.4 specifies the NMI standing data that is available to retailers and network service providers who do not have an explicit informed consent from a consumer.

(b)   A Local Network Service Provider must:

1.   Only carry out a stage 2 NMI Discovery on any NMI or NMI's where they are assigned a role as the current LNSP.

2.   Only perform stage 2 NMI search activity within its local area for the purpose of responding to a request from a retailer to assist in the resolution of a NMI data problem, or to perform quality checks of its data within the MSATS system.

(c)   The NMI data access rules define:

1.   Which role can initiate a request for NMI standing data.

2.   Which standing data items will be returned when a request is submitted to the MSATS system.

(d)   The NMI data access rules may be defined by Jurisdiction.

(e)   The valid NMI standing data items that would be returned to a FRMP or LNSP in all Jurisdictions on a successful data access request are specified in Table 44-C. Further details of each data item can be found in the MSATS standing data tables from the "Standing Data for MSATS" document.

Table 44-C – Common NMI standing data items returned to a FRMP or LNSP in all Jurisdictions for a stage 2 search / request

MSATS Name	Data item description	MSATS standing data table
NMI	A national metering identifier.	CATS_NMI_DATA
TNI Code	A code representing the transmission node identifier.	CATS_NMI_DATA
DLF Code	A code representing the distribution loss factor.	CATS_NMI_DATA
NMI Classification Code	Refer to clause 4.9.	CATS_NMI_DATA
Embedded Network Parent Name	A code representing the name of the parent for any associated embedded network.	CATS_NMI_DATA
Embedded Network Child Name	A code representing the name of the child for any associated embedded network.	CATS_NMI_DATA
Meter Serial ID	The meter serial ID of the meter associated with the next scheduled read date and network tariff code details provided (Description of items is listed in Table 44C).	CATS_METER_REGISTER
Next Scheduled Read Date	The next scheduled read date in date format.	CATS_METER_REGISTER
Register ID	The register id of the register that the network tariff code and network tariff code additional information refers to.	CATS_REGISTER_IDENTIFIER
Network Tariff Code	A code representing the network tariff.	CATS_REGISTER_IDENTIFIER
Network Tariff Code Additional Information	Additional text to supplement the network tariff code if this is a complex network tariff code.	CATS_REGISTER_IDENTIFIER
Feeder Class	A code for logical grouping of NMIs based on the DNSPs distribution feeder.	CATS_NMI_DATA

MSATS Name	Data item description	MSATS standing data table
Customer Classification Code	A code that defines the consumer class as defined in the National Energy Retail Regulations, or in over-riding jurisdictional instruments.	CATS_NMI_DATA
Customer Threshold Code	A code that defines the consumption threshold as defined in the National Energy Retail Regulations, or in over-riding jurisdictional instruments.	CATS_NMI_DATA
LNSP	A code representing the identity of the Local Network Service Provider.	CATS_NMI_PARTICIPANT_RELATIONS
MDP	A code representing the identity of the Metering Data Provider (Category D).	CATS_NMI_PARTICIPANT_RELATIONS
MPB	A code representing the identity of the Metering Provider (Category B).	CATS_NMI_PARTICIPANT_RELATIONS
MPC	A code representing the identity of the Metering Data Provider (Category C).	CATS_NMI_PARTICIPANT_RELATIONS
Address	This includes all address fields, which comprise DPID, building name, flat number, flat type, floor number, floor type, house number, house number suffix, location descriptor, lot number, street name, street suffix, street type, unstructured address1, unstructured address2, unstructured address3, postcode, locality, and state.	CATS_NMI_DATA
Jurisdiction	A code that identifies the jurisdiction in which the NMI is located.	CATS_NMI_DATA
NMI Status Code	Refer to clause 4.11	CATS_NMI_DATA
Suffix	A code representing the NMI datastream.	CATS_REGISTER_IDENTIFIER
Profile Name	A code representing the name of the profile.	CATS_NMI_DATA_STREAM
Metering Installation Code	Refer to clause 4.12.	CATS_METER_REGISTER
Average Daily Load	The electrical energy delivered through a connection point or metering point over an extended period normalised to a "per day" basis (kWh).	CATS_NMI_DATA_STREAM
Meter Status	A code to denote the status of the meter within the NEM.	CATS_METER_REGISTER
Meter Register Status	A lookup code to indicate if register is active.	CATS_REGISTER_IDENTIFIER
Datastream Status Code	Code used to indicate the status of the suffix. This value must correspond to a valid Stream Status Code in the MSATS_Codes_Values_table. Refer to clause 4.11.	CATS_NMI_DATA_STREAM
Datastream Type	A code to indicate the type of data that the datastream will report includes interval and basic.	CATS_NMI_DATA_STREAM
Unit of Measure	A code to identify the Unit of Measure (UOM) for data held in this register.	CATS_REGISTER_IDENTIFIER
Time Of Day	Industry developed Codes to identify the time validity of register contents.	CATS_REGISTER_IDENTIFIER
Multiplier	Multiplier required to take a register value and turn it into a value representing billable energy.	CATS_REGISTER_IDENTIFIER
Dial Format	Describes the register display	CATS_REGISTER_IDENTIFIER

MSATS Name	Data item description	MSATS standing data table
	format.	
Controlled Load	Indicates whether the energy recorded by this register is created under a controlled load regime. Controlled Load field will have "No" if register does not relate to a controlled load, it should contain a description of the controlled load regime.	CATS_REGISTER_IDENTIFIER
Actual/Cumulative Indicator	Actual/Subtractive Indicator. Actual implies volume of energy actually metered between two dates. Cumulative indicates two meter readings are required to determine the consumption between those two read dates. For an interval meter, Actual/Cumulative Indicator is normally = A.	CATS_REGISTER_IDENTIFIER
MeterRead Type	Code indicating the method and frequency of meter reading.	CATS_METER_REGISTER

44.5 CATS Standing Data Access Rules

(a) The CATS standing data access rules specify which items of CATS standing data may be accessed by which role within each jurisdiction.

(b) The CATS standing data is grouped in accordance with the following:

1. Meter Register;

2. NMI Data;

3. NMI Datastream;

4. NMI Participant Relations;

5. Register ID.

(c) The valid CATS standing data access rules are shown in Table 44-D, Table 44-E, Table 44-F, Table 44-G, and Table 44-H .

Table 44-D – CATS standing data access rules for meter register

METER REGISTER													
Jur'n	Data Item	Description	FRMP	LR	LNSP	MDP	MPB	MPC	RP	ROLR	NEMM	NSP2
ALL	AddlSiteInfo	This field is used to provide any additional information about this site to describe site access and the relationship between the metering point and the connection point.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ALL	AssetMgmtPlan	If a site plan is used, this is a description of the plan. If a sample plan is used, this is the name of the AEMO-approved plan.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	CalibrationTables	Details of any calibration factors programmed into the meter.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	CommEquipType	Indicates modem or other communication device types.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	CommProtocol	Textual description of details needed to communicate to communication devices.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	DataConv	Textual description of details needed to translate data received from a communication device.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	DataValidations	Textual description of details needed to validate data received from a communication device.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-

METER REGISTER

Jur'n	Data Item	Description	FRMP	LR	LNSP	MDP	MPB	MPC	RP	ROLR	NEMM	NSP2
ALL	EstInstruct	Textual instructions on how to estimate the meter read if an estimated read is required.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	LastTestDate	Last date on which the meter was tested.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	MeasurementType	Code indicating how the meter is measuring, example values include, aggregate, consumption, programmable, interval.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	MeterConstant	Multiplier applied to the meter to arrive at the consumption.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	MeterHazard	Code or text indicating any dangerous conditions that may have been identified at the meter site.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	MeterInstallCode	The metering installation type indicates whether or not the meter has to be manually read. This affects the transfer transaction process flow because if a meter has to be manually-read, then the metering service provider must supply the actual change date before the transaction is completed. If it does not have to be manually-read, then the transaction can be completed as of the requested transfer date.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	MeterLocation	Code or text indicating where the meter is physically located at the premise.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	MeterManufacturer	The manufacturer code for the meter.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	MeterModel	The manufacturer's model number for the meter.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	MeterPoint	An additional metering identifier field.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	MeterProgram	For programmable meters, an identifier of the program run at the meter.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	MeterReadType	Code indicating how the meter is read Refer to "Standing data for MSATS' document for further details.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	-
ALL	MeterRoute	The route identifier the meter is currently being read in.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	MeterSerial	The meter serial ID uniquely identifies a meter for a given NMI.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	MeterStatus	Code used to indicate the status of the meter.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	MeterUse	Code indicating revenue meter, check meter, load research, etc.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	NextSchReadDate	Indicates the scheduled next read for the meter if a read is required.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	NextTestDate	Next date on which the meter should be tested.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	Password	Read and Time Set passwords, separated by a space. Note that the Write password is not to be stored in this field.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	ReadTypeCode	Code used to indicate whether a meter should be read on the next scheduled read date, a special read date or an estimated read.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
VIC	RemotePhone Number	The phone number for remote access.	-	-	-	Yes	Yes	-	Yes	-	Yes	-
NSW	RemotePhone Number	The phone number for remote access.	-	-	-	Yes	Yes	-	Yes	-	Yes	-

	METER REGISTER											
Jur'n	Data Item	Description	FRMP	LR	LNSP	MDP	MPB	MPC	RP	ROLR	NEMM	NSP2
ACT	RemotePhone Number	The phone number for remote access.	-	-	-	Yes	Yes	-	Yes	-	Yes	-
QLD	RemotePhone Number	The phone number for remote access.	-	-	-	Yes	Yes	-	Yes	-	Yes	-
SA	RemotePhone Number	The phone number for remote access.	-	-	Yes	Yes	Yes	-	Yes	-	Yes	Yes
ALL	TestCalibProgram	Current test and calibration program details.	Yes	-	Yes	Yes	Yes	-	Yes	-	Yes	Yes
ALL	TestPerformedBy	Who performed the last test. This field could be used to store a company name or an individual's name.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	TestResult Accuracy	The accuracy of the meter from the last test.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	TestResultNotes	Any text or further test information.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	Transformer Location	Indicates where the transformer is in relation to the meter.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	TransformerRatio	Instrument transformer ratios (available and connected).	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	TransformerType	Type of transformation employed.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	UserAccessRights	Details of any end-use customer access to the metering installation. Examples include pulse outputs, interface to customer load management system, or customer directly accessing data in the meter through special agreement.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-

Table 44-E – CATS standing data access rules for NMI data

	NMI DATA											
Jur'n	Data Item	Description	FRMP	LR	LNSP	MDP	MPB	MPC	RP	ROLR	NEMM	NSP2
ALL	AggFlag	A flag that may be used for the transition from MAS to MSATS. This field is used by MDM part of MSATS to determine which settlement reports data goes into, that is whether it should be aggregated or not. Can be a 'Y' or 'N'.	Yes	Yes	Yes	Yes	Yes	-	Yes	-	Yes	Yes
ALL	BuildingName	The full name used to identify the physical building or property as part of its location.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	CustomerClassificationCode	A code that defines the consumer class as defined in the National Energy Retail Regulations, or in over-riding jurisdictional instruments.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	CustomerThresholdCode	A code that defines the consumption threshold as defined in the National Energy Retail Regulations, or in over-riding jurisdictional instruments.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	DLFCode	DLF Code used to indicate the DLF value for the given NMI.	Yes	Yes	Yes	Yes	Yes	-	Yes	-	Yes	Yes
ALL	DPID	Delivery point identifier – the numeric descriptor for a postal delivery point which is equal to a physical address.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	EmbNetChild	The embedded network identifier code is used to identify which embedded network this given NMI is the 'child of'. (If on a NMI record this field is not populated, it is assumed the NMI is not the child of any other NMI.)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes

	NMI DATA										
Jur'n	Data Item	Description	FRMP	LR	LNSP	MDP	MPB	MPC	RP	ROLR	NEMM	NSP2
ALL	EmbNetParent	The embedded network identifier code is used to identify which embedded network this given NMI is the 'parent of'. (If on a NMI record this field is not populated, it is assumed the NMI is not the parent of any other NMI.)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	FlatNumber	Specification of the number of the flat or unit which is a separately identifiable portion within a building/complex.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	FlatType	Specification of the type of flat or unit which is a separately identifiable portion within a building/complex. Values permitted include: APT, CTGE, DUP, FY, F, HSE, KSK, MSNT, MB, OFF, PTHS, RM, SHED, SHOP, SITE, SL, STU, SE, TNHS, U, VLLA, WARD, WE.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	FloorNumber	Floor Number is used to identify the floor or level of a multi-storey building/complex.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	FloorType	Floor Type is used to identify the floor or level of a multi-storey building/complex. Values permitted include: B, FL, G, L, LG, M, UG.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	HouseNum	The numeric reference of a house or property. Specifically the house number.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	HouseNumSuffix	The numeric reference of a house or property. Specifically the single character identifying the house number suffix.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	JurisdictionCode	Jurisdiction code to which the NMI belongs.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Locality	The full name of the general locality containing the specific address.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	LocationDescriptor	A general field to capture various references to address locations alongside another physical location.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	LotNumber	The lot reference number allocated to an address prior to street numbering.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	NMI	National Meter Identifier – unique identification for each connection point.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ALL	NMIClassification Code	A code that identifies, on a jurisdiction basis, the magnitude of the power consumed, eg small or large.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	NMIStatusCode	Code used to indicate the status of the NMI, i.e. active, de-energised, extinct.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Postcode	The numeric descriptor for a postal delivery area, aligned with locality, suburb or place.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	State	Defined State or Territory abbreviation. Values permitted include: AAT, ACT, NSW, NT, QLD, SA, TAS, VIC, WA.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	StreetName	Records the thoroughfare name.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	StreetSuffix	Records any street suffixes. Values permitted include: CN, E, EX, OR, N, NE, NW, S, SE, SW, UP, W	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	StreetType	Records the street type abbreviation. Available abbreviations are listed in AS4590.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	TNICode	Transmission Node Identifier. Identifies a Transmission Network Connection Point.	Yes	Yes	Yes	Yes	Yes		Yes	-	Yes	Yes

	NMI DATA											
Jur'n	**Data Item**	**Description**	**FRMP**	**LR**	**LNSP**	**MDP**	**MPB**	**MPC**	**RP**	**ROLR**	**NEMM**	**NSP2**
ALL	Unstructured Address1	To provide the unstructured address (line 1) where a structured address cannot be supplied.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Unstructured Address2	To provide the unstructured address (line 2) where a structured address cannot be supplied.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Unstructured Address3	To provide the unstructured address (line 3) where a structured address cannot be supplied.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Feeder Class	To provide a 15 character long field in varchar format for logical grouping of NMIs based on the DNSPs distribution feeder.	Yes	Yes	Yes	-	-	-	Yes	-	Yes	-

Table 44-F – CATS standing data access rules for NMI datastream

	NMI DATASTREAM											
Jur'n	**Data Item**	**Description**	**FRMP**	**LR**	**LNSP**	**MDP**	**MPB**	**MPC**	**RP**	**ROLR**	**NEMM**	**NSP2**
ALL	AverageDailyLoad	The electrical energy delivered through a connection point or metering point over an extended period normalised to a per day basis.	Yes	Yes	Yes	Yes	Yes	-	Yes	-	Yes	Yes
ALL	DataStreamType	Indicates the type of data that the datastream will report includes interval and non-interval.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	ProfileName	The profile name is a code that identifies the name of the algorithmically derived shape that is used to allocate a datastream's consumption to trading intervals.	Yes	Yes	Yes	Yes	Yes	-	Yes	-	Yes	Yes
ALL	StreamStatus Code	Code used to indicate the status of the suffix.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Suffix	Stream of data for the NMI.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes

Table 44-G – CATS standing data access rules for participant relations

	PARTICIPANT RELATIONS											
Jur'n	**Data Item**	**Description**	**FRMP**	**LR**	**LNSP**	**MDP**	**MPB**	**MPC**	**RP**	**ROLR**	**NEMM**	**NSP2**
ALL	FRMP	Financially Responsible Market Participant, i.e. Current Retailer.	Yes		Yes	Yes	Yes	-	Yes	-	Yes	Yes
ALL	LNSP	Current Local Network Service Provider.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ALL	LR	Current Local Retailer.	Yes	Yes	Yes	Yes	Yes	-	Yes	-	Yes	
ALL	MDP	Current Metering Data Provider – Category D.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	MPB	Current Metering Provider – Category B.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	MPC	Current Metering Data Provider – Category C.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	NEMM		Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	ROLR	Current Retailer of Last Resort.	Yes	-	Yes	Yes	Yes	-	Yes	Yes	Yes	Yes
ALL	RP	Current Responsible Person.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	NSP2	Current Second Network Service Provider			Yes	Yes			Yes		Yes	Yes

Table 44-H – CATS Standing data access rules for register ids

Jur'n	Data Item	Description	FRMP	LR	LNSP	MDP	MPB	MPC	RP	ROLR	NEMM	NSP2
	REGISTER ID											
ALL	ActCumInd	Actual / Subtractive indicator. Actual implies volume of energy actually metered between two dates. Cumulative indicates a meter reading for a specific date. A second meter reading is required to determine the consumption between those two dates.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	ControlledLoad	Indicates whether the energy recorded by this register is created under a controlled load regime.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Demand1	A value, in kVA or kW, which is a demand component associated with a network tariff charge.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Demand2	A value, in kVA or kW, where there is a second demand component associated with a network tariff charge.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	DialFormat	Describes the register display format. First number is the number of digits to the left of the decimal place, and the second number is the number of digits to the right of the decimal place.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Multiplier	Multiplier required to take a register value and turn it into a value representing billable energy.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	NetworkTariff Code	A code that identifies the network tariff charged. It is a code obligation for the LNSP to publish the meaning of these codes elsewhere (e.g. on the Internet).	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	NTAddInfo	Contains additional explanatory information about the network tariff charge if the code alone is not a sufficient explanation.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	RegisterId	The identifier which uniquely identifies this register.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	RegisterIdStatus	A code to indicate whether or not the register is active.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Suffix	The suffix on the CATS_NMI_ Datastream table to which energy measured on this register contributes.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	TimeOfDay	A code that indicates the time validity of the register's contents.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	UnitOfMeasure	A code to identify the unit of measure for the data held in this register.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes

44.6 NMI Discovery –Data Access Rules (stage 3)

(a) This clause specifies the NMI standing data that is available to retailers:

1. Who are seeking to progress error correction transfers (prior to initiating change reason codes 1021, 1023, 1024 and 1029),

2. Who are seeking agreement to the raising of a retrospective - align with meter read transfers (change reason code1010),

3. Who are seeking the previous FRMP to win back a NMI won in error – (change reason code 1022, 1025, 1026, 1027 and 1028); and

4. Who are not the FRMP and in receipt of a customer's request for a site abolishment.

(b) A retailer must only perform NMI Discovery (stage 3) on any NMI or NMIs, for the reasons stated in 44.6 (a).

(c) The NMI standing data access rules for this transaction define which:

1. Role can initiate a request for NMI standing data.

2. Standing data items will be returned when a request is submitted to the MSATS system.

(d) The valid roles who can initiate the NMI Discovery (stage 3) are specified in Table 44-I.

Table 44-I – NMI standing data access rules for participant relations

	PARTICIPANT RELATIONS		FRMP	LR	LNSP	MDP	MPB	MPC	RP	ROLR	NEMM	NSP2
Jur'n	**Data Item**	**Description**										
ALL	FRMP**	Financially Responsible Market Participant.	Yes	-	-	-	-	-	-	-	-	-
ALL	LNSP	Current Local Network Service Provider.	-	-	-	-	-	-	-	-	-	-
ALL	LR	Current Local Retailer.	-	-	-	-	-	-	-	-	-	-
ALL	MDP	Current Metering Data Provider, i.e. provider of metering data to AEMO.	-	-	-	-	-	-	-	-	-	-
ALL	MPB	Current Meter Provider – maintenance of meter.	-	-	-	-	-	-	-	-	-	-
ALL	MPC	Current Meter Provider – data collection.	-	-	-	-	-	-	-	-	-	-
ALL	NEMM		-	-	-	-	-	-	-	-	-	-
ALL	ROLR	Current Retailer of Last Resort.	-	-	-	-	-	-	-	-	-	-
ALL	RP	Current Responsible Person.	-	-	-	-	-	-	-	-	-	-
ALL	NSP2	Current Second Network Service Provider	-	-	-	-	-	-	-	-	-	-

** Note any retailer can perform NMI discovery stage 3 where the conditions listed in clause 44.6a) are met.

(e) When initiating NMI Discovery (stage 3), a retailer must ensure:

1. When using the reason of ITD, Incorrect Transfer Date, they are the current FRMP for the NMI and a FRMP change completed in the past 130 business days from the NMI Discovery (stage 3) date.

2. When using the reason of TRI, Transferred In Error, they are the current FRMP or the most recent previous FRMP for a given NMI. (This applies where the current FRMP needs to request a retailer to transfer back a NMI transferred in error or the most recent previous FRMP has identified another retailer has transferred the NMI in error and is seeking to transfer it back.)

3. When using the reason of MCR, Missed CR1500 error, a CR1500 was not submitted in the past 130 business days from the NMI Discovery (stage 3) transaction date.

4. When using the reason of NNS, New NMI Setup Error, the NMI was created in the past 130 business days from the NMI Discovery (stage 3) transaction date.

(f) The valid standing data items that would be returned to the initiating role in all Jurisdictions on a successful data access request are specified in Table 44-J.

Table 44-J – NMI standing data items returned in all Jurisdictions for a stage 3 search request per reason code.
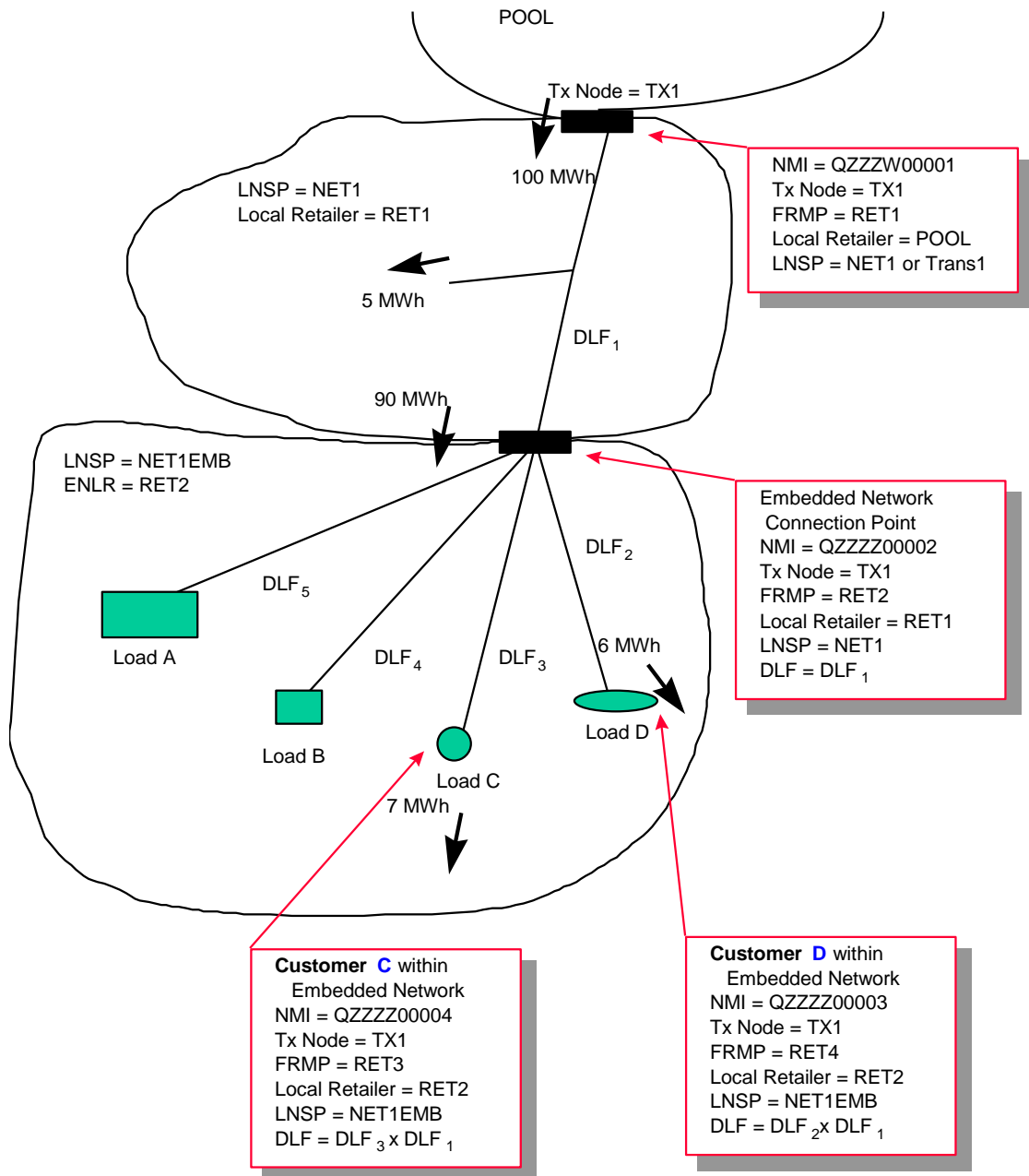
Reason code	Reason code description	MSATS Name of the data item returned	Description of data item returned on a successful request
	All	NMI	A 10 digit national metering identifier.
MCR	Missed CR1500 Error	FRMP	Up to 10 character code representing the identity of the current Financially Responsible Market Participant.
ITD	Incorrect Transfer Date Error	FRMP, End Date	Up to 10 character code representing the identity of the most recent previous Financially Responsible Market Participant. End Date of the most recent previous Financially Responsible Market Participant record.
NNS	New NMI Setup Error	FRMP	Up to 10 character code representing the identity of the current Financially Responsible Market Participant.
TRM	Transfer Missed Error	FRMP	Up to 10 character code representing the identity of the current Financially Responsible Market Participant.
TRI	Transferred In Error	FRMP, Start Date	Up to 10 character code representing the identity of the current Financially Responsible Market Participant. Start Date of the current Financially Responsible Market Participant record.
TRI	Transferred In Error	FRMP, End Date	Up to 10 character code representing the identity of the most recent previous Financially Responsible Market Participant. End Date of the most recent previous Financially Responsible Market Participant record.
OTR	Other Transfer Error	FRMP	Up to 10 character code representing the identity of the current Financially Responsible Market Participant.
SAB	Site Abolishment	FRMP, Start Date	Up to 10 character code representing the identity of the current Financially Responsible Market Participant. Start Date of the current Financially Responsible Market Participant record.

45. EMBEDDED NETWORK OVERVIEW

45.1 Differences Between Embedded Network Registrations and Normal 2nd Tier consumer registrations

(a) Embedded Network consumer registration differs from a normal 2nd tier registration processed via retail transfer procedures because the Network may Not be a Rules Participant, it is not required to fulfil any of the requirements that a network service provider must normally meet. Therefore these requirements will need to be met by the Financially Responsible Market Participant (FRMP), for example the FRMP must be the Responsible Person. No party is legally entitled to use the CATS system and to register 'as a network'. The specific requirements are detailed later in this procedure.

45.2 An Example Network

POOL

Tx Node = TX1

100 MWh

LNSP = NET1
Local Retailer = RET1

5 MWh

NMI = QZZZW00001
Tx Node = TX1
FRMP = RET1
Local Retailer = POOL
LNSP = NET1 or Trans1

DLF_1

90 MWh

LNSP = NET1EMB
ENLR = RET2

Embedded Network
Connection Point
NMI = QZZZZ00002
Tx Node = TX1
FRMP = RET2
Local Retailer = RET1
LNSP = NET1
$DLF = DLF_1$

DLF_2

DLF_5

Load A

DLF_4

DLF_3

6 MWh

Load B

Load D

Load C
7 MWh

Customer **C** within
Embedded Network
NMI = QZZZZ00004
Tx Node = TX1
FRMP = RET3
Local Retailer = RET2
LNSP = NET1EMB
$DLF = DLF_3 \times DLF_1$

Customer **D** within
Embedded Network
NMI = QZZZZ00003
Tx Node = TX1
FRMP = RET4
Local Retailer = RET2
LNSP = NET1EMB
$DLF = DLF_2 \times DLF_1$

This example network shows how the associated connection points are to be registered within AEMO's system.

(a)   The model used will allow for different Metering Data Providersto be used for each connection point and this will result in the following settlements statements for each participant:

Tx Node   Energy (MWh)   Comment

RET1 Settlements Statement

TX1   -100   Transmission Connection Point Load

TX2   +(90 *DLF1)   Credit for Network Exit point

RET2 Settlements Statement

TX1   - (90 * DLF1)   Network exit point

TX1   +(6* (DLF1 x DLF2)   credit for lost consumer D within network

TX1   +(7* (DLF1 x DLF2)   credit for lost consumer C within network

RET 3 Settlements Statement

TX1   -(7* (DLF1 x DLF3)   Load for consumer C within network

RET 4 Settlements Statement

TX1   -(6* (DLF1 x DLF2)   Load for consumer D within network

45.3   Allocation of NMIs

(a)   The ENLR is responsible for ensuring the NMI have been allocated correctly. This work should be carried out by the embedded Network Owner, but the ENLR is responsible. These allocations must be in accordance with the AEMO National Metering Identifier Procedure.

45.4   Allocation of Distribution Loss Factors

(a)   The ENLR is responsible for ensuring the Distribution Loss Factors have been allocated correctly in accordance with any jurisdictional requirements and regulations. This work should be carried out by the embedded Network Owner, but the ENLR is responsible.

46. CATS PROCEDURES VERSION HISTORY

Version	Comments
1.0	Effective with implementation of Full Retail Competition in New South Wales and Victoria on 1 January 2002.
2.0	Effective from 26 August 2002 with the implementation of MSATS Release 2 Stage 1.
2.01	No Version 2.01 was released. All amendments are incorporated in version 2.2.
2.2 _final draft	This version is released to coincide with the implementation of MSATS Release 2 Stage 2 effective from 13 December 2002. End of inter-operability CATS Procedures are approved to become effective as at 13 December 2002. South Australian FRC rules are also incorporated in this document. Currently, the final South Australian CATS rules are pending approval from the South Australian Government. Once approved, they would become effective from 1 January 2003.
Final Determination 12 December 2002	This version is released to coincide with the implementation of MSATS Release 2 Stage 2 effective from 13 December 2002. End of inter-operability CATS Procedures are approved to become effective as at 13 December 2002. South Australian FRC rules are also incorporated in this document. These rules have been approved by the South Australian Government, and they become effective from 1 January 2003.
Final Decision 13 February 2003	This version of the CATS procedures is released to include process improvement suggestions following operational experience, changes to accommodate Full Retail Competition (FRC) in ACT, and changes to CATS rules operation in Queensland.
2.31 Final Decision 8 August 2003	This version of the CATS procedures is released to include some changes to accommodate Full Retail Competition (FRC) in ACT. The effective date for this version is 1 July 2003.
2.4 Final Determination 18 March 2004	This version of the CATS Procedures is released to include further process and improvement suggestions following operational experience.
2.41 Final Determination 4 February 2005	This version of the CATS Procedures is released to include changes to accommodate the extension of retail competition in Queensland and the provision of Tasmania in the MSATS system.
2.42 Update to reflect National Electricity Rules 23 September 2005	The CATS 2.42 procedures incorporate revised wording as a consequence of the change from the National Electricity Code to National Electricity Rules e.g. "Code" replaced by "Rules", "Code Participants" replaced by "Registered Participants", and "NECA" replaced by "AEMC" or "AER". The National Electricity Rules commenced on 1 July 2005.
2.5 Final Determination 26 September 2005	This version of the CATS Procedures is released to include further process and improvement suggestions following operational experience.
2.6 Final Determination 19th May 2006	This version of the CATS Procedures is released to include further process and improvement suggestions following operational experience.
2.7 Final Determination 1st July 2007	This version of the CATS Procedures is released to include further process improvements and inclusion of FRC for Queensland.
2.8 Final Determination 28th May 2008	This version of the CATS Procedures is released to include further process and improvement suggestions following operational experience.
2.9 Final Determination 5th September 2008	This version of the CATS Procedures is released to include further process and improvement suggestions following operational experience.
2.10 Final Determination 6th January 2009	This version of the CATS Procedures is released to include further process and improvement suggestions following operational experience.

2.10.1 Final Determination 14th May 2009.	This version of the CATS Procedures is released to include further process and improvement suggestions following operational experience and the introduction of Advanced Metering.
3.0 Final Determination 5th June 2009.	This version of the CATS Procedures is released to include further process and improvement suggestions following operational experience.
3.1 Final Determination 7th August 2009	This version of the CATS Procedures is released to include further process and improvement suggestions following operational experience and the introduction of Advanced Metering.
3.2 Final Determination 8th April 2010	This version of the CATS Procedures is released to include further process and improvement suggestions following operational experience.
3.3 Final Determination 25th October 2010	This version of the CATS Procedures is released to include further process and improvement suggestions following operational experience.
3.4 Final Determination 21st December 2010	This version of the CATS Procedures is released to include the discoverability of Advanced Metering and manifest changes.
3.4a 15th July 2011	This version of the CATS Procedures is released to facilitate further extension of contestability to small business customers in Tasmania.
3.5 Final Determination 25th August 2011	This version of the CATS Procedures is released to include a new objection for the CR1010 & CR1081 and manifest changes.
3.6 Final Determination 13th January 2012	This version of the CATS Procedures is released to include a new change reason code for the update of the Customer Classification Code field; additional changes related to National Energy Customer Framework; and other minor manifest text changes.
3.7 Final Determination 15th May 2013	This version of the CATS Procedures is released to include a new NMI Discovery Type 3 transaction; aligning procedures with the NER as a result of introduction of new terminology regarding MDPs; updates based on a New Connections process review to facilitate that a LNSP only nominate a retailer as the FRMP based on instruction from that retailer; changes as a result of introduction of Market Small Generation Aggregator (MSGA).
3.8 Final Determination 13th November 2013	This version of the CATS Procedures is released to align MPB obligations with MDP obligations during the meter set up or maintenance process, by requiring the MPB to source the suffix from the appropriate MDP.
3.9 Final Determination 1st January 2014	No version 3.9 was released. The Tasmanian Government withdrew its request for the change to the CATS Procedures.
4.0 Final Determination 15th May 2014	This version of the CATS Procedures is released to include amendments arising from the introduction of NECF in NSW.
4.1 Final Determination 1 July 2014	This version of the CATS Procedures is released to include amendments arising from the AEMC Rule change on Access to NMI Standing Data.

47. GLOSSARY

Terms which are defined in the National Electricity Rules are deemed to have the same meaning under these Procedures.

Term	Description
actual change date	The effective date of the changes specified in the Change Request. This date may not always be the same as the date provided in the 'Proposed Change Date' field.
actual meter read date	The date an *actual meter reading* is obtained.
actual reading required period	Means the number of days within which a *Metering Services Provider* must record an *Actual date* of the meter read to be used in a change of retailer transaction.
Address	See structured address and unstructured address.
ADL	See Average daily load.
AEMO	Australian Electricity Market Operator as defined in the National Electricity Rules.
agreement	Means an agreement between a *New Retailer* and a *consumer* which authorises the *New Retailer* to supply electricity to the *consumer* on the terms and conditions stated therein.
average daily load	Is the electrical energy delivered through a connection point or metering point over an extended period averaged to a "per day" basis. This may be an estimated value where actual data does not exist (e.g. for a new connection). The average daily load (ADL) information is stored in the NMI datastream record. Therefore if more than one datastream record is defined, the ADL for the connection point (NMI) must be split up across the defined datastreams. Generation NMI datastreams should have the value of the ADL set to' 1'.
business customer (consumer)	As defined in the National Energy Retail Law.
cancelled	One of the status points of a change request transaction within the MSATS system in accordance with clause 3.5 of the CATS Procedures.
CATS	The Consumer Administration and Transfer Solution.
CATS data access table	A matrix that defines the rights of CATS participants to data items contained within the MSATS system, as nominated by respective jurisdictions (see Appendix B).
CATS participant	Any organisation that has a defined role in the MSATS system – see 'role'.
CATS Procedures	MSATS Procedures: CATS Procedures The CATS Procedures (MT_RT1700v00x.x) contain the principles that govern consumer transfer, the registration of metering installations and the management of standing data. The procedures also identify the obligations placed on CATS participants. These procedures are applicable to National Metering Identifiers (NMIs) that have a classification of small and large.
CATS rules	The set of rules that is used to define the configuration of the CATS process within the MSATS system. The rules are: • Initiation rules • Field validation rules • Time frame rules • Objection rules • Change request status notification rules.
CATS standing data	Those data items that are held in the following database tables: • CATS_NMI_Data_Stream • CATS_NMI_Data • CATS_Meter_Register • CATS_NMI_Participants_Relations • CATS_Register_Identifier NMI standing data is a subset of the CATS standing data.

Term	Description
change request	The transaction that may be submitted by a CATS participant whenever they want to create or update NMI Standing data, including the standing data associated with a consumer transfer.
Change request status	The name of nominated points in the life cycle of a change request. The status points can be: • pending validation; • requested; • pending; • completed; • objected; • cancelled.
change reason code	A code which identifies the purpose of a specific change request transaction. This code controls what data can be supplied in the change request, which type of participant can initiate it, etc.
checksum	See NMI checksum.
Child	A child metering point is a metering point downstream of a parent metering point at a connection point with an end-use consumer; energy recorded at the child metering point will be simultaneously recorded at both the parent and child metering points.
completed	One of the status points of a change request within the MSATS system in accordance with clause 3.5 of the CATS Procedures.
consumer	In these Procedures, means a party purchasing electricity from a retailer where that Party's electricity consumption is for its own use.
consumer consent	The approval of the consumer, verbal or written, which allows the new FRMP to accept responsibility for the supply of electricity to that consumer. See also explicit informed consent.
cooling-off period	As defined in the *Fair Trading Act.*
current FRMP	The retailer that is identified on the current NMI master record.
Current LR	The Local Retailer that is identified on the current NMI master record as defined on the CATS Participant Relations table,
current LNSP	The LNSP that is identified on the current NMI master record.
current MDP	The MDP that is identified on the current NMI master record.
current NMI master record	The NMI master record that has an end date set to the year 9999.
current NSP2	The NSP2 that is identified on the current NMI master record.
current Retailer	See 'current FRMP'.
current RP	The RP that is identified on the current NMI master record.
Customer Classification Code	The Customer Classification Code and the Customer Threshold Code together enable the determination of the Customer Classification as defined in the National Energy Retail Law and the National Energy Retail Rules, and as detailed in the National Energy Retail Regulations, or in over-riding jurisdictional instruments.
Customer Threshold Code	The Customer Threshold Code and the Customer Classification Code together enable the determination of the Customer Classification as defined in the National Energy Retail Law and the National Energy Retail Rules. The Customer Threshold Code threshold levels are detailed in the National Energy Retail Regulations, or in over-riding jurisdictional instruments.
data field provider	The role that is responsible for population of data in a field of CATS.
data request	The transaction initiated by the MSATS system and sent to a nominated CATS participant at the pending validation point of the change request life cycle.
Datastream	A stream of metering data associated with a connection point, as represented by a NMI. A NMI can have multiple datastreams (from multiple meters or from multiple channels or registers that comprise a single meter). Each datastream is identified by a suffix which is associated with the NMI to which it belongs.

Term	Description
DLF code	Is a code to identify the value of the distribution loss factor as defined in the National Electricity Rules.
DNSP	As defined in the National Electricity Rules.
DPID	A code used by Australia Post to provide a unique identifier for a postal address.
embedded network	Is a distribution system that is supplied energy through a connection point from another distribution network.
ENLR – Embedded Network Local Retailer	This is the retailer who has won the right to supply the entire embedded network's area, less any lost consumer within the embedded network, i.e. they are the Local Retailer for that embedded network. This is retailer 'RET2' in the above example in clause 45.2. Embedded network Local Retailer – This is the party who is the FRMP of the parent NMI for the embedded network.
EPROFILE	The NMI classification code which is used to define a virtual metering installation which makes use of an external profile shape as its metering data.
estimate read	Applies to Type 6 metering installations where half hourly metering data is not provided. An estimate can be made of the Actual electricity consumed at any point in time between actual meter reads.
explicit informed consent	As defined by each Jurisdiction. A statement by a consumer to a retailer to the effect that the retailer has been granted responsibility by that consumer to supply that consumer's load. The method by which a consumer's consent is formalised.
field validation rules	These define, for each change reason code, whether specific fields need to be populated at creation of the transaction or at other times in the life of the transaction.
first-tier	As defined in the National Electricity Rules for first-tier load.
FRMP	Financially Responsible Market Participant. As defined in the National Electricity Rules: • Financially Responsible; and • Market Participant. This role also includes the Market Small Generator Aggregator (MSGA)
Greenfield	A new NMI for a proposed new connection, at a site that has never been commissioned or energised and where the NMI status has never been 'A'. This may mean a meter exists at the NMI however further work may be required before a Greenfield site can be energised.
initiation rules	The rules that identify which CATS participant can initiate a change request.
interval meter	Is a meter that is capable of providing energy data for Trading Intervals (see National Electricity Rules).
Jurisdiction	A jurisdiction who is classified as a 'participating jurisdiction' in accordance with the national electricity law.
Jurisdictional code	As specified in clause 4.5 of these procedures.
Jurisdictional rules	See time frame rules.
LNSP	See Local Network Service Provider.
Local Network Service Provider	As defined in the National Electricity Rules.
Local Retailer	As defined in the National Electricity Rules.
LR	See Local Retailer.
maximum delay period	The period within which a change of retailer transaction must Take place where transfer is not to occur as of the next scheduled read date.
maximum next scheduled read delay period	The period within which a change of retailer transaction must take place where transfer is to occur as of the next scheduled read date.
MDM	The part of the MSATS system which is known as 'metering data management'.
MDM datastream	The term used to represent a NMI suffix, as distinct from a meter suffix. The NMI suffix is required by MDM to enable the metering data associated with a NMI to be correctly identified.
MDP	See Metering Data Provider.

Term	Description
Metering Data Provider (MDP)	Metering Data Provider – Category D as defined in the National Electricity Rules.
Meter Register	The meter register data stored in MSATS, which includes both National Electricity Rules *metering register'* requirements and other data elements required by the system, industry and / or jurisdictions.
Metering Register	The metering register defined in Schedule 7.5 of the National Electricity Rules.
meter read	A meter reading obtained through a scheduled read or a *special read* or an estimated read or a consumer read.
Metering Provider (MP)	Metering Provider as defined in the National Electricity Rules.
metering installation type code	A code that identifies the Rules type metering installation at a connection point (NMI), as specified in clause 4.12 of these procedures.
MP	See Metering Provider.
MPB	Metering Provider – Category B as defined in the National Electricity Rules.
MPC	Metering Data Provider – Category C as defined in the National Electricity Rules.
MSATS	The market settlement and transfer solution.
MSATS system	The centralised computer system which is managed by AEMO for MSATS.
MSGA	Market Small Generator Aggregator. See FRMP
National Electricity Rules	The legal instrument formed under the National Electricity Law. The National Electricity Rules is available from AEMC.
National Energy Retail Rules	A legal instrument formed under the National Energy Retail Law.
Metrology Procedure	• *Metrology Procedure* Part A; and • *Metrology Procedure* Part B.
network tariff code	A nominated code which represents the network tariff charged by the LNSP for network services.
new FRMP	The FRMP that is identified on a change request prior to the change request being completed.
new LNSP	The LNSP that is identified on a change request prior to the change request being completed.
new MDP	The MDP that is identified on a change request prior to the change request being completed.
new NSP2	The NSP2 that is identified on a change request prior to the change request being completed.
new RP	The RP that is identified on a change request prior to the change request being completed.
Next scheduled read date	The date of the next scheduled meter read to be undertaken by the *current MDP/MPC.*
NMI	National Metering Identifier as defined in the National Electricity Rules.
NMI checksum	A number, 1 digit in length, which is used to validate that a *NMI* supplied to the *MSATS system* is a valid *NMI.*
NMI classification	A code that identifies the nature of the flow of electricity at a connection point, eg. Generator, interconnector. Retail connection points are classified as small or large, depending on the volume of energy consumed. Sample and Eprofile are used to classify loads used for profiling under certain conditions.
NMI datastream	See MDM datastream.
NMI discovery search 1	See NMI search rules.
NMI discovery search 2	See NMI standing data access rules.
NMI master record	The NMI master record that has an end date set to the year 9999.
NMI Procedures	See reference in clause 1.9 of these procedures.
NMI site address	Means the physical location of the connection point.
NMI search rules	The search that is available in the MSATS system to enable a nominated CATS participant identify a connection point NMI when the only information available is the DPID, the meter serial number or the site address.

Term	Description
NMI Standing Data	As per the National Electricity Rules.
NMI standing data	The data items associated with a NMI that are available to a prospective retailer, in accordance with Jurisdiction approval, prior to the retailer obtaining a consumer's consent. The approved NMI standing data is specified in clause 44.4.
NMI standing data access rules	The search that is available in the MSATS system to enable a nominated CATS participant to identify nominated CATS standing data.
NMI status	Is a code to identify the connection status of the NMI (e.g. active, inactive or closed).
NSP2	Second Network Service Provider. For transmission connection points (wholesale NMIs) that have two network service provider roles the TNSP is assigned the LNSP role and the DNSP is assigned the role of NSP2.
Nominated jurisdictional threshold level	The lowest volume of consumption for each Jurisdiction for which consumers are contestable. In some Jurisdictions, this level is zero MWh per annum.
Non-Registered Network Service Provider	This is the role identified in MSATS as the LNSP for "Child" connection points within an embedded network, where the participant who has the role of LNSP for the "Parent" NMI has no relationship with the connection points within the privately owned network and chooses not to be identified as the LNSP for the child connection points.
NRNSP	See Non-Registered Network Service Provider
objected	One of the status points of a change request within the MSATS system in accordance with clause 3.5 of the CATS Procedures.
objection code	A code, as specified in Table 4-D, which is available to a nominated CATS participant to advise the CATS participant who initiated a change request of a problem in finalising the proposed event.
objection clearing days	The number of business days after which an outstanding objection(s) can remain in the MSATS system. The change request to which the objection(s) relate will be cancelled by the MSATS system once this date is reached if any objections have not been withdrawn.
objection logging days	The number of business days available to a CATS participant for entering an objection in the MSATS system.
Participant	see CATS Participant.
participant data request	See data request.
Parent	A parent metering point is a metering point upstream of a child metering point, at a connection point between an LNSP and an embedded network.
parent FRMP	The retailer who is the current FRMP for the embedded network parent NMI.
pending	One of the status points of a change request within the MSATS system in accordance with clause 3.5 of the CATS Procedures.
pending validation	One of the status points of a change request within the MSATS system in accordance with clause 3.5 of the CATS Procedures.
profile name	Is the code that identifies the algorithmically derived shape of consumption that will be used to allocate trading intervals to Basic Meter readings or unmetered supplies.
Proposed change date	The estimated date (for a prospective event) or the past agreed date (for a retrospective event) which is submitted by a CATS participant at the time of initiating a change request. For a change of retailer this is the proposed transfer date.
prospective days	The situation where the days under consideration proceed the current date.
prospective transfer	A change of retailer which is to occur at a date after the date upon which the relevant change request is initiated in the *MSATS system.*
reading type	Means a categorisation of meter readings by the mechanism used to determine the reading value, in accordance with Table 4-M.
Registered Participant	As defined in the National Electricity Rules.

Term	Description
rejected	The action taken by the MSATS system in regard to a change request if the change request fails a validation test during the life cycle of the change request.
requested	One of the status points of a change request within the MSATS system in accordance with clause 3.5 of the CATS Procedures.
residential customer (consumer)	As defined in the National Energy Retail Law.
Responsible Person	See the National Electricity Rules.
Responsible Person change over date	Means the date of change over of responsibility from the current RP to the new RP. Change over will occur at midnight of the day of commencement of the agreed RP change over date.
Retailer	Is the *Market Customer* who is responsible in the wholesale market for the settlement of electricity that has been supplied to the end use consumer's Connection Point [as identified by a NMI].
Retailer of Last Resort	Means, in relation to a Jurisdiction, a person of persons required under the retailer of last resort arrangements of that jurisdiction to assume the obligations under the Rules (including the obligation to pay trading amounts and other amounts due under the Rules) of a current FRMP that has defaulted in the performance of its obligations under the Rules.
Retrospective days	The situation where the days under consideration precede the current date.
retrospective transfer	A change of retailer that is to be effective from a date which is before the date that the change request is initiated in the MSATS system.
role	The 'role' in which an organisation is associated with a connection point in CATS. Note that a single company may be associated with a connection point in more than one role.
ROLR	See Retailer of Last Resort
role status	Current or new. This is an attribute of a role. The current party for a role (e.g. current LNSP) is the party which, in the MSATS system, is shown as performing in that role on the current master record for a NMI. The new party for a role is the nominated (or proposed) new party on a change request which is currently in progress.
RP	See Responsible Person
Rules	National Electricity Rules
SAMPLE	The NMI classification code which is used to define a metering installation that forms part of the sample of metering data for use in a profile shape peel-off calculation.
second-tier	As defined in the National Electricity Rules for second-tier load.
small generating units	As defined in the National Electricity Rules.
Special meter read	Is a meter reading performed outside of the usual reading cycle for the meter. Defined as special read (SP) in Table 4-M.
Service Provider	Is a party who is accredited by AEMO to perform their role in accordance with the Rules but who is not a *Registered Participant*.
Standing data	See CATS standing data.
Standing data access rules	See NMI standing data access rules.
Structured address	The structured address format contains the following information: Flat type and flat number; Floor type and floor number; Building name; Location descriptor; House number and suffix; Lot number; Street name and street type.

Term	Description
Tier 1 site	See first-tier load. It is a site where the FRMP is the LR. This could be the case where: • The consumer has transferred back to the LR as their retailer of choice (FRMP) after a period with anther retailer; • The site is not contestable; or • The site is contestable but the consumer has not transferred to another retailer.
Tier 2 site	See second-tier load. It is a site where the FRMP is not the same as the LR. This could be the case if: • a contestable consumer has elected to transfer from the LR; or • a consumer signed a contract with a retailer other than the LR prior to the connection point being established in the MSATS system and it was created as a Tier 2 site.
Time frame rules	The rules which allocate, on a Jurisdictional basis, a specified number of business days to the following categories: • Objection logging period. • Objection clearing period. • Retrospective period. • Prospective period.
transfer period	The period which commences on the date when the initial change request of the new FRMP is completed, and ends at the actual transfer date.
threshold level	Is a level defined by each jurisdiction in terms of the amount of electricity consumed on an annual basis.
TNI	Is a alpha-numeric code to identify the transmission node (as defined in the National Electricity Rules)
TNSP	As defined in the National Electricity Rules
Unstructured address	The unstructured address has the following format: It is a string of text characters with a maximum length of 80 per line. It contains a maximum of 3 lines.
WIGS Procedures	MSATS Procedures: Procedures for the Management of Wholesale, Interconnector, Generator and Sample (WIGS) NMIs. The *WIGS Procedures* are an extension of the *CATS Procedures*). The *WIGS Procedures* are applicable to NMIs that have the classification of wholesale, interconnector, generator, sample, or external profiles. The procedures also identify the obligations placed on CATS participants.

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