



MSATS PROCEDURES

CATS PROCEDURE PRINCIPLES AND OBLIGATIONS

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VERSION RELEASE HISTORY

| Version | Effective Date | Summary of Changes |
|------------|--------------------------------|--|
| 3.4a | 15 th July 2011 | Updated to facilitate further extension of contestability to small business customers in Tasmania. |
| 3.5 | 25 th August 2011 | Updated to include a new objection for the CR1010 & CR1081 and manifest changes. |
| 3.6 | 13 th January 2012 | Updated 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 | 15 th May 2013 | Updated to include a new NMI Discovery Search 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 <i>retailer</i> as the FRMP based on instruction from that <i>retailer</i> ; changes as a result of introduction of Market Small Generation Aggregator (MSGGA). |
| 3.8 | 13 th November 2013 | Updated 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 | 1 st January 2014 | No version 3.9 was released. The Tasmanian Government withdrew its request for the change to the CATS Procedures. |
| 4.0 | 15 th May 2014 | Updated to include amendments arising from the introduction of NECF in NSW. |
| 4.1 | 1 July 2014 | Updated to include amendments arising from the AEMC Rule change on Access to <i>NMI Standing Data</i> . |
| 4.2 | 1 December 2017 | Updated to incorporate: <ul style="list-style-type: none"> National Electricity Amendment (Expanding competition in metering and related services) Rule 2015. No.12; National Electricity Amendment (Embedded Networks) Rule 2015 No. 15; and National Electricity Amendment (Meter Replacement Processes) Rule 2016 No. 2. |
| 4.3 | 1 December 2017 | Updated to add clarifications and correct errors. |
| 4.4 | 1 December 2017 | Updated to incorporate feedback from PoC Work Package 3 First Stage consultation. |
| 4.5 | 1 December 2017 | Updated to incorporate feedback from PoC Work Package 3 Second Stage Consultation. |
| 4.6 | 20 May 2019 | Updated to enable the transfer of a NMI on a greenfield site, include updates to the use of objection codes and altered the definition for DATEBAD objections. New MC standing data search process added and further clarified responsibilities to correct the NTC in MSATS. |
| 4.7 | 20 May 2019 | Minor amendment to enable MDP to view CR6700/6701 in all statuses to enable the required DATEBAD objection to occur. |
| 4.8 | 20 May 2020 | Updated to define the dates MPs must use when updating MSATS relating to remote de-energisations and remote re-energisations, define timeframes for updating datastreams in MSATS, clarify the communication of the identification of incorrect NMI and metering installation, and clarify the LNSP's obligations in relation to creating Embedded Network Codes. |
| <u>4.9</u> | <u>20 May 2020</u> | <u>Updated to incorporate:</u> National Electricity Amendment (Reducing customers' switching times) Rule [20xx] No. [] National Energy Retail Amendment (Reducing customers' switching times) Rule [20xx] No. [] |

QUICK REFERENCE GUIDE

Change Retailer (FRMP)

| Change Reason Code | Description | Section & Page No |
|---|---|-------------------------------|
| 1000, 1010 (SMALL-only), 1020 (LARGE-only), 1030, 1040 | Change Retailer | Sec 7, Page 54 |
| 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029 (All these codes are for SMALL-only) | Change Retailer—Error Corrections (Small NMIs only) | Sec 8, Page 60 |
| 1050, 1051 (Both codes are for Large-only) | Change Retailer—Where FRMP IS NOT the RP | Disabled from 1 December 2017 |
| 1080, 1081 (SMALL-only), 1082, 1083, 1084 | Change Retailer—Child NMI—Small or Large | Sec 9, Page 65 |
| 1090, 1091 (Both codes are for Large-only) | Change Retailer—Child NMI—Where FRMP IS NOT the RP | Disabled from 1 December 2017 |

Provide Data

| Change Reason Code | Description | Section & Page No |
|--------------------|----------------------------|-------------------|
| 1500 | Provide Actual Change Date | Sec 10, Page 71 |

Create NMI

| Change Reason Code | Description | Section & Page No |
|--------------------|---|-------------------------------|
| 2000, 2001 | Create NMI | Sec 11, Page 73 |
| 2003 | Create Tier 1 Site NMI | Disabled from 1 December 2017 |
| 2020, 2021 | Create NMI—Child NMI | Sec 12, Page 76 |
| 2500, 2501 | Create NMI, Meter, Datastream | Sec 13, Page 79 |
| 2520, 2521 | Create NMI, Meter, Datastream—Child NMI | Sec 14, Page 83 |

Maintain Metering

| Change Reason Code | Description | Section & Page No |
|--------------------|--|-------------------------------|
| 3000, 3001 | Create Metering Installation Details | Sec 15, Page 87 |
| 3003 | Create Tier 1 Site Metering Installation Details | Disabled from 1 December 2017 |
| 3004, 3005 | Exchange of Metering Information | Sec 16, Page 90 |
| 3050, 3051 | Change Metering Installation Details | Sec 17, Page 93 |
| 3053 | Change Tier 1 Site Metering Installation Details | Disabled from 1 December 2017 |
| 3080, 3081 | Advanced Change Metering Installation Details | Sec 18, Page 96 |
| 3090, 3091 | Advanced Exchange of Metering | Sec 19, Page 100 |
| 3100, 3101 | Change Network Tariff Code | Sec 20, Page 104 |

Maintain Datastream

| Change Reason Code | Description | Section & Page No |
|--------------------|---------------------------------------|-------------------------------|
| 4000, 4001 | Create Datastream Details | Sec 21, Page 106 |
| 4003 | Create Tier 1 Site Datastream Details | Disabled from 1 December 2017 |
| 4004, 4005 | Exchange of Datastream Information | Sec 22, Page 108 |
| 4050, 4051 | Change Datastream Details | Sec 23, Page 110 |
| 4053 | Change Tier 1 Site Datastream Details | Disabled from 1 December 2017 |

Maintain NMI

| Change Reason Code | Description | Section & Page No |
|--------------------|---|-------------------------------|
| 5070, 5071 | Update Next Scheduled Read Date | Sec 24, Page 112 |
| 5001, 5021 | Backdate NMI Start Date | Sec 25, Page 114 |
| 5050, 5051 | Change NMI | Sec 26, Page 118 |
| 5053 | Change Tier 1 Site NMI Standing Data | Disabled from 1 December 2017 |
| 5054, 5055 | Change NMI (Customer Classification Code) | Sec 27, Page 120 |
| 5060, 5061 | Change NMI – Child NMI | Sec 28, Page 122 |
| 5080, 5081 | Change Parent Name | Sec 29, Page 124 |
| 5090, 5091 | Make a NMI a Child NMI | Disabled from 1 December 2017 |

Change Roles (excluding FRMP)

| Change Reason Code | Description | Section & Page No |
|--------------------|---|-------------------|
| 6100, 6110 | Change LNSP | Sec 30, Page 126 |
| 6200, 6210 | Change MDP | Sec 31, Page 129 |
| 6300, 6301 | Change MC | Sec 32, Page 132 |
| 6400, 6401 | Change LR | Sec 33, Page 134 |
| 6421 | Change LR Child NMI | Sec 34, Page 136 |
| 6500, 6501 | Change RoLR | Sec 35, Page 138 |
| 6700, 6701 | Change MPB, MPC, or Both | Sec 36, Page 140 |
| 6800, 6801 | Change Multiple Roles – MC, MDP, MPC, MPB | Sec 37, Page 142 |

Auto change roles

| Change Reason Code | Description | Section & Page No |
|--------------------|------------------------------------|-------------------|
| ECLR | Change LR – Child NMI – Auto | Sec 38, Page 145 |
| EPFR | Change Secondary FRMP – Parent NMI | Sec 39, Page 147 |

AEMO only

| Change Reason Code | Description | Section & Page No |
|--------------------|-----------------------|-------------------|
| 5100, 5101 | Standing data updates | Sec 40, Page 149 |
| BCxx | Invoke BCT Process | Sec 41, Page 152 |



| Change Reason Code | Description | Section & Page No |
|--------------------|-------------------------|-------------------|
| | Access to Standing Data | Sec 42, Page 155 |

HOW TO USE THIS DOCUMENT

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

All participants should read and be familiar with Sections 1 to 6, which contain overview material. In particular, it is essential that you read Section 2, which defines, for each role, what overall obligations it has with regard to these procedures.

The majority of the document (Sections 7 to 42) 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 Sections 1 to 6, you would:

- Check the grouping of sections covering the topic 'Change Retailer' (Sections 7 to 9).
- Select and then read Section 7, which is called 'Change Retailer—Small or Large NMI'.

The names of sections 7 to 42 are structured like the following example:

| | | | |
|----------------------|---|---------------|---------------------------------------|
| CHANGE-ROLE | – | CHANGE-MDP | SMALL-OR-LARGE |
| Transaction Grouping | | Specific-task | NMI-classification (where applicable) |

Once you become familiar with this structure it is relatively easy to work out which section 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 section covers this Change Reason Code.

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1. INTRODUCTION

1.1. Purpose and Scope

These are the Market Settlements and Transfer Solution (MSATS) Procedures – Consumer Administration and Transfer Solution (CATS) Procedure Principles and Obligations made under clause 7.16.2 of the National Electricity Rules (NER) (Rules).

These Procedures have effect only for the purposes set out in the NER. The NER and the *National Electricity Law* prevail over these Procedures to the extent of any inconsistency.

1.2. Definitions and Interpretation

The Retail Electricity Market Procedures – Glossary and Framework:

- (a) ~~Is~~ incorporated into and forms part of these Procedures; and
- (b) ~~Should~~ should be read in conjunction with these Procedures.

1.3. Commencement of Changes

Changes to these Procedures will take effect at 00:00 hours *Eastern Standard Time* on the day of effect after notice has been given to Participants of the changes.

All changes to NMI Master Records will become effective at 00:00 hours *Eastern Standard Time* on the day of effect. This includes End User transfers and all changes to CATS Standing Data.

1.4. Related AEMO Documents

| Title | Location |
|---|---|
| Allocation of Embedded Network Codes | http://www.aemo.com.au/Electricity/National-Electricity-Market-NEM/Retail-and-metering/Metering-procedures-guidelines-and-processes |
| CATS Hints and Tips | http://www.aemo.com.au/Electricity/National-Electricity-Market-NEM/Retail-and-metering/Market-Settlement-and-Transfer-Solutions |
| Guide to MSATS B2B | http://www.aemo.com.au/Electricity/National-Electricity-Market-NEM/Retail-and-metering/Market-Settlement-and-Transfer-Solutions |
| Guide to MSATS Web portal | http://www.aemo.com.au/Electricity/National-Electricity-Market-NEM/Retail-and-metering/Market-Settlement-and-Transfer-Solutions |
| Introduction to MSATS | http://www.aemo.com.au/Electricity/National-Electricity-Market-NEM/Retail-and-metering/Market-Settlement-and-Transfer-Solutions |
| MDM Procedures | http://www.aemo.com.au/Electricity/National-Electricity-Market-NEM/Retail-and-metering/Market-Settlement-and-Transfer-Solutions |
| Metrology Procedure: Part A | http://www.aemo.com.au/Electricity/National-Electricity-Market-NEM/Retail-and-metering |
| Metrology Procedure: Part B | http://www.aemo.com.au/Electricity/National-Electricity-Market-NEM/Retail-and-metering |
| NEM RoLR Processes | http://www.aemo.com.au/Electricity/National-Electricity-Market-NEM/Retail-and-metering |
| NMI Procedures | http://www.aemo.com.au/media/Files/Other/electricityops/0610-0008%20pdf.pdf |
| Retail Electricity Market Procedures – Glossary and Framework | http://aemo.com.au/Electricity/National-Electricity-Market-NEM/Retail-and-metering/Glossary-and-Framework |

MSATS PROCEDURES



| Title | Location |
|-------------------------------|---|
| Service Level Procedure (MDP) | http://www.aemo.com.au/Electricity/National-Electricity-Market-NEM/Retail-and-metering/Metering-procedures-guidelines-and-processes |
| Standing Data for MSATS | http://www.aemo.com.au/-/media/Files/PDF/AEMOStandingDataforMSATSV42.ashx |
| WIGS Procedures | http://www.aemo.com.au/Electricity/National-Electricity-Market-NEM/Retail-and-metering/Market-Settlement-and-Transfer-Solutions |

2. OBLIGATIONS BY ROLE

2.1. General Obligations

- (a) Participants must select the most applicable Transaction Type Code or Change Request Code for their proposed transaction.
- (b) A Participant must not seek access through MSATS to the data pertaining to a *NMI* unless it has, or had, a known and commercial relationship with the *NMI* except when conducting a *NMI* Discovery Search 1, 2 or 3.
- (c) A Participant, other than AEMO, must not use a facility provided in MSATS for a purpose other than allowed by these Procedures.
- (d) A Participant must not enter an Actual End Date into MSATS unless it has a known and commercial relationship with the *NMI* to which the Actual End Date refers.
- ~~(e)~~ A Participant:
 - ~~(i)~~ -must not raise an Objection Code unless the Objection is fair and reasonable; and
 - ~~(ii)~~ must produce evidence to AEMO to substantiate the raising of an Objection Code as fair and reasonable within one business day of a request by AEMO -to produce such evidence, for example, when an Objection is made using a specific Objection Code, the Participant who made the Objection must be able to produce evidence upon request to substantiate it.
- ~~(f)~~ A Participant may object to a Change Request by using an Objection Code and adhering to Objection Rules.
- ~~(g)~~ Participants must ensure that the transfer of a *NMI* from one Financially Responsible Market Participant (FRMP) to another FRMP is not delayed.
- ~~(h)~~ Participants must ensure that CATS Standing Data is kept current and relevant for all the *NMIs* for which they are responsible.
- ~~(i)~~ Unless a different timeframe is specified in these Procedures, a Participant must update the CATS Standing Data, for all *NMIs* for which they are responsible, within 10 *business days* of being advised by a Participant or becoming aware that the CATS Standing Data is no longer current or relevant.
- ~~(j)~~ Participants may request reports from MSATS for the *NMIs* with which it has a relationship.
- ~~(k)~~ Participants must consider and action as necessary within two *business days* any requests from Participants that have been incorrectly assigned Roles.
- ~~(l)~~ A Participant must notify other impacted Participants within five *business days* of becoming aware that CATS Standing Data related to a *NMI* is incorrect, and the Participants must cooperate with each other to facilitate the correction of the CATS Standing Data.

2.2. Financially Responsible Market Participant

The New FRMP must:

- (a) Nominate the Metering Coordinator (MC) in accordance with the NER.
- (b) Initiate a Change Request for the transfer of a *NMI* in accordance with the applicable Timeframe Rules. Subject to the Retrospective Periods and Prospective Periods, the New FRMP must initiate the transfer having the mandatory information required to initiate a valid transfer in MSATS.

- ~~(i)~~ Having the mandatory information required to initiate a valid transfer in MSATS; and
- ~~(ii)~~ No later than two *business days* after the conclusion of the Cooling-Off Period.
- ~~(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)(c)~~ Ensure that only *small generating unit connection points* are assigned to the relevant MSGA.
- ~~(e)(d)~~ Manage the transfer process if there are any matters that require attention in regard to the NMI, either from the operation of MSATS or from events that are external to its operation.
- ~~(f)(e)~~ Adopt the Role of Local Retailer (LR) for *child connection points* where they are the FRMP of the Parent NMI.
- ~~(g)(f)~~ Ensure that any Pending retail transfers are withdrawn within 210 *days* of the lodgement of the Change Request.
- ~~(h)(g)~~ Withdraw a Change Request as soon as practicable, and within two *business days*, of being aware that the transfer cannot occur.

The Current FRMP must:

- ~~(i)(h)~~ Ensure that each *small generating unit's connection point* is assigned to their Market Small Generator Aggregator (MSGA) Participant ID in MSATS.
- ~~(i)(i)~~ Ensure that only *small generating unit's connection points* are assigned to the MSGA's Participant ID in MSATS.
- ~~(i)(j)~~ Be responsible for *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'.
- ~~(i)(k)~~ Remain the Current FRMP and be responsible for all End User billing up to the actual date of change of financial responsibility to the New FRMP as notified by MSATS.
- ~~(i)(l)~~ Consider and action as necessary within two *business days* any requests from incorrectly assigned Participants to correct the Participant allocation in MSATS.
- ~~(i)(m)~~ Provide the ADL to the LNSP and the MDP for new connections.
- ~~(i)(n)~~ Provide an update of the ADL 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.
- ~~(i)(o)~~ Establish or update the Customer Classification Code within five *business days* of the NMI Status Code becoming 'A' in MSATS, where the Customer Classification Code has changed.
- ~~(i)(p)~~ Update or provide the Customer Classification Code as the following:
 - (i) for an End User at a NMI where the Customer Classification Code has changed, within five *business days* of any New contract with an End User at that *connection point*;
 - (ii) within five *business days* of becoming aware of a change to the Customer Classification Code; and
 - (iii) within five *business days* of an End User Transfer Change Request being Completed, where the Customer Classification Code has changed.

2.3. Local Network Service Provider

The New LNSP must:

- (a) Initiate a Create NMI Change Request within 2-two *business days* of a request by a FRMP, or of the mandatory information required by the Change Request becoming available, whichever is the later.

- (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.

The Current Local Network Service Provider (LNSP) must:

- (c) Allocate a NMI and NMI Checksum for each *connection point* in accordance with the NMI Procedures and clause 7.13.2 of the NER.
- (d) Provide an update of the Average Daily Load (ADL) to the Current Metering Data Provider (MDP) where the LNSP becomes aware of an expected change in the ADL of greater than 20%, other than by advice from the MDP.
- (e) 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 Code of 'A', or 'D'.
- (f) 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'.
- (g) Provide Distribution Loss Factor (DLF) Codes and values to AEMO for the initial population of the DLF Code in MSATS.
- (h) Update NMI Status Code to 'D' within five *business days* of the *connection point* being de-energised by the LNSP. 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 an Accumulation Metered *connection point*.
- (i) Update the NMI Status Code to 'A' (Active) within five *business days* of the *connection point* being re-energised by the LNSP. The Proposed Change Date shall be the day the *connection point* is re-energised.
- (j) Update the NMI Status Code 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 an Accumulation Metered *connection point*.
- (k) Ensure that Network Tariff details for each *NMI* in its area are stored in the Network Tariff Code field at the Register ID level.
- (l) Correct the network tariff code or engage with the current FRMP to confirm an appropriate network tariff code where the LNSP considers the network tariff code is inappropriate for the site in MSATS.
- (m) Subject to any applicable Jurisdictional restrictions, use reasonable endeavours to provide *NMI* and NMI Checksum (other than when this is available via a NMI Discovery Search) to the New FRMP within one *business day* of a follow-up request for this information from the New FRMP for a Site identified in the request by reference to any of the following:
- (i) a unique meter identifier held by the LNSP;
 - (ii) a street address; or
 - (iii) the Delivery Point Identifier (DPID).
- 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.
- (n) Subject to any applicable Jurisdictional restrictions, provide *NMI Standing Data* (other than data available via a NMI Discovery Search or the MSATS C7 report) to the New FRMP within

two *business days* of a request from the New FRMP for a Site identified in the request by reference to the *NMI* and *NMI Checksum*.

- (o) Consider and action as necessary within two *business days* any requests from incorrectly assigned Participants to correct a Create *NMI Change Request* in MSATS.
- (p) Consider and action as necessary within two *business days* any requests from other Participants to correct erroneous *NMI Standing Data*.
- (q) Allocate a name to the Parent *NMI* and provide the name to AEMO.

The Current LNSP may:

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

2.4. Metering Data Provider

An MDP must:

- (a) Use reasonable endeavours to provide *metering data* to the New FRMP within two *business days* of a request for this information from the New FRMP- relevant Registered Participants, in accordance with section 3.12.2 of the Service Level Procedure (MDP).
- (b) Use reasonable endeavours to provide Historical Data to the Current FRMP within two *business days* of a request for this information from the Current FRMP. Historical 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 or configure an Interval Datastream Status Code 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, and must be updated in MSATS within two *business days* from the time the MDP becomes aware of the *connection point* being de-energised. (The Datastream Status Code is the key criterion used to include *metering data* in the *settlement* process).
- (d) Where an MDP is to update or configure an accumulation Datastream Status Code 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, and must be updated in MSATS within two *business days* from the time the MDP becomes aware of the *connection point* being de-energised. (The Datastream Status Code is the key criterion used to include *metering data* in the *settlement* process).
- (e) Where an MDP is to update or configure an Datastream Status Code for either an Accumulation Meter 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, and must be updated in MSATS within two *business days* from the time the MDP becomes aware of the *connection point* being re-energised. (The Datastream Status Code is the key criterion used to include metering data in the settlement process).
- (f) Create, update, or configure the datastream within two *business days* from the time the MDP becomes aware of the *metering installation* being either installed, removed, or reconfigured.
- (g) Register individual Datastreams in MSATS as described in the *NMI Procedure*.

The New MDP must:

- (h) Provide the Actual Change Date to MSATS for transfers for which it receives a Data Request for an Actual Change Date. If a manual Meter Reading has been done, the Actual Change

Date must be the date of the Meter Reading. 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.

~~(i)~~ Use reasonable endeavours to obtain an Actual Meter Reading where requested but when unable to do so provide an Estimated Reading in accordance with Jurisdictional requirements.

~~(j)(i)~~ 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.

~~(k)(i)~~ For *metering installation* types 1-4 and 4A, upon receiving a request from an MPB, provide the *NMI* suffix information applicable to the *metering installation* within two *business days*.

The Current MDP must:

~~(k)~~ Provide *metering data* for both the period before and the period after the completion of the transfer.

~~(l)~~ Provide the Actual Change Date to MSATS for transfers for which it receives a Data Request for an Actual Change Date. If a manual Meter Reading has been done, the Actual Change Date must be the date of the manual Meter Reading. 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.

~~(m)~~ Where a Data Request has not been received or the Proposed Date does not align with an actual read date, for Type 4A, 5 or 6, then an estimated reading must be provided upon completion of a retail transfer.

~~(n)~~ Obtain the ADL from the FRMP or the LNSP and update the ADL in MSATS if it is missing or incorrect.

~~(o)~~ Consider and action as necessary within two *business days* any updated ADL information provided by the LNSP or Current FRMP.

~~(p)~~ Recalculate the ADL for each active Datastream at least annually and enter this value in MSATS where the calculated value differs by more than 20% from the ADL recorded in MSATS. Where the current ADL is under 5 kilowatt hours (kWh) 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.

~~(q)~~ For *metering installations* that are manually read, or have been made capable of *remote acquisition* in accordance with 7.8.9(b) of the NER, update the Next Scheduled Reading Date (NSRD) within two *business days* of a *meter* being read.

~~(r)~~ For *metering installations* that are manually read, update the Last Read Date and Last Read Quality Flag within two *business days* of a *meter* being read.

~~(s)~~ For *metering installation* types 1-4 and 4A, upon receiving a request from an MPB, provide the *NMI* suffix information applicable to the *metering installation* within two *business days*.

2.5. Metering Provider – Category B

An MPB must:

(a) Where an MPB is to update an Interval Meter Register Status Code to 'D' (Remotely De-energised) for a *connection point* that is remotely de-energised, the Proposed Change Date must be the day after the *connection point* is de-energised.

- (b) Where an MPB is to update an Interval Meter Register Status Code for Interval Meter to 'C' (Current) for a *connection point* that is remotely re-energised, the Proposed Change Date must be the day on which the *connection point* is re-energised.

The New MPB must:

- (c) For *metering installation* types 1-4 and 4A, contact the MDP and agree the *NMI* suffix information prior to updating MSATS with all Meter Register data.
- (d) Upon the installation or re-configuration of the *metering installation*, update MSATS with all Meter Register data, as agreed with the MDP within five *business days* of becoming the MPB.
- (e) Provide to the MC and the Current LNSP any additional technical information regarding the *metering installation* within five *business days* of becoming the Current MPB.

The Current MPB must:

- (f) Provide to the Current LNSP any Meter Register data regarding the *metering installation* that is not recorded in MSATS within two *business days* of request.
- (g) Provide additional *metering installation* details to MSATS within two *business days* of receiving a Data Request.
- (h) Consider and action as necessary any request to correct erroneous details relating to the Meter Register and Register Identifier Status Code within five *business days* of notification.
- (i) Upon the configuration of the *metering installation*, update MSATS with all Meter Register data, as agreed with the MDP within five *business days* of performing a metering configuration change.
- (j) Update the Meter Register Status Code within 5 *business days* of a change in *meter* register conditions, including the remote de-energisation and remote re-energisation.

2.6. Metering Coordinator

An MC must:

- (a) Appoint an MDP to provide *metering data services*, and provide the FRMP with the name of that MDP, and ensure that *metering data services* are provided in accordance with the NER and the procedures authorised under the NER.
- (b) Appoint an MP for the provision, installation and maintenance of the *metering installation*, and ensure that the *metering installation* is provided, installed and maintained in accordance with the NER and the procedures authorised under the NER.

The New MC must:

- (c) Ensure that the Roles nominated in a 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.
- (d) 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.
- (e) Ensure that the Meter Reading is available in relation to the Actual Change Date.
- (f) Ensure that the final Meter Reading is obtained in relation to a change of a relevant component of a *metering installation*.
- (g) 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 the

metrology procedure and Service Level Procedure (MDP) to enable the continuity of billing up until the actual transfer date or abolishment date.

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

The Current MC must:

- (i) ~~Subject to any applicable Jurisdictional restrictions, e~~ Ensure that CATS Standing Data (other than *NMI* data access information) is provided to the New FRMP within two *business days* of a request for this information from the New FRMP.
- (j) Ensure that any Meter Register data regarding the *metering installation* that is not recorded in MSATS is provided to the LNSP within five *business days* of request.

2.7. Retailer of Last Resort (RoLR)

As the RoLR for a RoLR Event is determined and appointed by a Regulator, the RoLR Role in MSATS is for indicative purposes only. (Refer to section 35.)

2.8. Second Network Service Provider (NSP2)

The NSP2 must notify and request the relevant Participant (LNSP, MPB or MDP) to correct any data inconsistency that may exist in MSATS within two *business days* of becoming aware of the error.

2.9. AEMO

AEMO must:

- (a) Continue to invoice (as per NER requirements) the Current FRMP for a Tier 2 Site until it is transferred to another FRMP in accordance with these Procedures.
- (b) Enter the DLF Codes provided by an LNSP or Embedded Network Manager (ENM) into MSATS within two *business days* of receipt.
- (c) Maintain changes to codes and rules in MSATS in accordance with the MSATS Procedures. AEMO must correct any discrepancies as soon as practicable once identified.
- (d) Use the Bulk Change Tool (BCT) 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 MSATS with the Embedded Network Code that had been provided to AEMO by the LNSP within two *business days* of receipt.
- (f) Maintain the Transmission Node Identity (TNI) records in MSATS.
- (g) Populate MSATS with the NSP2 for the appropriate Wholesale, Interconnector, Generator and Sample (WIGS) NMIs.
- (h) Provide, on request from the New ENM, a set/range of *NMIs* to that New ENM for allocation by that ENM to *child connection points*.
- (i) Provide, on request from a Current ENM, one or more *NMIs* to that Current ENM for allocation by that ENM to the newly formed child connection points.
- (j) Where required to Object to a Change Request, use the most appropriate Objection Code. If there is no Objection Code that describes the reason for the Objection, AEMO must use the BLOCK Objection Code.

AEMO may:

- (k) Cancel/withdraw any incomplete retail transfers after 7 months from the date of Initiation.

Note: An automatic nightly MSATS process will Cancel/Withdraw dormant Change Requests that exceed 220 *days*.

2.10. Embedded Network Manager

The New ENM must, for each *child connection point*:

- (a) Obtain a set/range of *NMIs* from AEMO.
- (b) Initiate a Create NMI Change Request within two *business days* of a request by a FRMP, or of the mandatory data required by the Change Request becoming available, whichever is the later.
- (c) Consider and action as necessary within two *business days* any requests from incorrectly assigned Participants to correct a Create NMI Change Request in MSATS.
- (d) Manage the distribution of *NMIs*.
- (e) Allocate a name to the Parent NMI and provide the name to AEMO (note: this only applies in situations where a Child NMI is also a Parent NMI of another *embedded network* and AEMO needs to create an *embedded network* name in MSATS).
- (f) Allocate an existing Embedded Network Code of a Parent NMI to each Child NMI.

The Current ENM must, for each *child connection point*:

- (g) Allocate a *NMI* and NMI Checksum.
- (h) Provide an update of the ADL to the Current MDP where the ENM 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 Code 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) Enter the DLF Code for each *child connection point* within its *embedded network*, and ensure all Child *NMIs* attached to an *embedded network* have the same DLF Code, and that this DLF Code is the Parent NMI's DLF Code unless a Site specific DLF has been approved by the AER.
- (l) Enter the TNI Code for each *child connection point* within its *embedded network*, and ensure all Child *NMIs* attached to an *embedded network* have the same TNI Code and that this TNI Code is the Parent NMI's TNI Code.
- (m) Update Child NMI Status Code to 'D' within five *business days* of the *child connection point* being de-energised. The Proposed Change Date shall be the day after the de-energisation for an Interval Metered *child connection point* or the day of the de-energisation for an Accumulation Metered *child connection point*.
- (n) Update the Child NMI Status Code to 'A' within five *business days* of the *child connection point* being re-energised. The Proposed Change Date shall be the day the *child connection point* is re-energised.
- (o) Update the Child NMI Status Code to 'X' within five *business days* of becoming aware of the abolition of the *child connection point*. The Proposed Change Date shall be the day after the *child connection point* was removed for an Interval Metered *child connection point* or the day of the removal for an Accumulation Metered *child connection point*.

- (p) Update Child NMI Status Code to 'N' (Off Market NMI) within five *business days* of the *connection point* no longer being settled in the *NEM*.
- (q) Update Child NMI Status Code from 'N' to 'A' within five *business days* of the *connection point* becoming on-market.
- (r) Ensure that Network Tariff details for each *NMI* in its area are stored in the Network Tariff Code field at the Register ID level.
- (s) ~~Subject to any applicable Jurisdictional restrictions, p~~ Provide the *NMI* and NMI Checksum (other than when this is available via a NMI Discovery Search 1) to the New FRMP within one *business day* of a request from the New FRMP, where the New FRMP uses any of the following information to identify the Site:
 - (i) a unique meter identifier;
 - (ii) a street address; or
 - (iii) the DPID.

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

- (t) ~~Subject to any applicable Jurisdictional restrictions, p~~ Provide *NMI Standing Data* (other than data available via a NMI Discovery Search or the MSATS C7 report) to the New FRMP within two *business days* of a request from the New FRMP for the Site identified in the request by reference to the *NMI* and NMI Checksum.
- (u) Consider and action any requests from incorrectly assigned Participants to correct a Create NMI Change Request in MSATS within two *business days* of receiving the request.
- (v) Consider and action ~~within~~ any requests from other Participants to correct erroneous *NMI Standing Data* ~~within~~ two *business days* of receiving the request.

The Current ENM may, for *child connection points*:

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

3. CATS FUNCTIONALITY

3.1. Overview

- (a) The operation of CATS is based on 14 different types of transactions, as shown in section 3.3, and a separate RoLR function.
- (b) Six transaction types are initiated by Participants, whilst eight are initiated by MSATS.
- (c) The most significant transaction is the Change Request, which is used by a Participant when submitting new CATS Standing Data or changing existing CATS Standing Data.
- (d) The Change Request has a life cycle in which it is created (Initiated) and terminated (Completed) in accordance with section 3.5.
- (e) The Completion of a Change Request and the formation of a NMI Master Record occur simultaneously.
- (f) The status of each Role on the NMI Master Record is classified as 'Current'. If the CATS 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'.
- (g) A Change Request will be Completed on:
 - (i) the day after the Objection Logging Period has ended, provided no Objections have been received and an Actual Change Date exists; or
 - (ii) where an Objection has been received, the Change Request is Completed the day after all Objections have been withdrawn, the Objection Logging Period has ended, and an Actual Change Date exists.
 The change is effective from the Actual Change Date.
- (h) 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 field to allow the Change Request to be Completed.
- (i) A Change Request carries with it a set of CATS Standing Data items. The set of data items will vary with the transaction selected by the Participant initiating the Change Request. Each transaction has a code (Change Reason Code), as detailed in section 4.2 and Table 4-A.
- (j) The Change Reason Codes have been separated into groups of events for the purpose of these Procedures, as shown in Table 3-B. Obligations imposed on Participants in regard to Change Reason Codes are contained in sections 7 to 41.
- (k) The next most significant transaction is the NMI Discovery Search. This transaction will be used by a Participant when undertaking a search of the CATS Standing Data, as specified in section 42.
- (l) The RoLR functionality within MSATS is detailed in section 41.

3.2.3.1. Principles

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

- (a) Current and New Roles will be notified of a change in the status of the Change Request in accordance with the Change Request Notification Rules.
- (b) A Change Reason Code will contain rules that specify which Participant(s) must provide the data for the Change Request and when the data is required.

- (c) 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.
- ~~(d) Jurisdictions will specify rules to control the period in which retrospective information may be accepted by MSATS.~~
- ~~(e) Jurisdictions will specify rules to control the period in which an Objection may be logged.~~
- ~~(d) The status of each Role on the NMI Master Record is classified as 'Current'. If the CATS 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)(e) If an Objection to the change of *retailer* transaction is submitted by a Participant within the Objection Logging 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.~~
- ~~(g) Jurisdictions will specify rules to control the period in which an Objection may be cleared.~~
- ~~(h) 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 and the information contained in the transaction will become the NMI Master Record.~~
- ~~(i)(f) Jurisdictions will may specify rules to control who is allowed to Object ~~to~~ or initiate a Change Request Reversal, the reason for the Objection or Reversal and the NMI Classification Code appropriate to that Objection or Reversal.~~
- ~~(j) After a NMI is created, and prior to the Actual Change Date, the *meter(s)* and default NMI Datastreams may be set up by whoever is nominated as the default party, even if it is NMI for a Tier 1 Site and not needed for *profiling* (in accordance with Jurisdictional requirements).~~
- ~~(k) After a NMI is created, and prior to the Actual Change Date, if a Datastream is not set up the entry of the NMI into MSATS should not be delayed.~~
- ~~(l)(g) MSATS will not notify the LR at the time a change of FRMP occurs.~~

3.3.3.2. Transaction Types

- (a) The types of transactions performed by MSATS are specified in Table 3-A.
- ~~(b) The codes and rules associated with the Change Request transaction are provided in section 0.~~
- ~~(c)(b) Acknowledgement and response transactions are dependent on whether online or batch function is invoked.~~

Table 3-A – MSATS Transaction Type Codes

| Code | Name of Transaction Type | Initiated by | Description |
|------|--------------------------|--------------|--|
| ACK | Acknowledgment | MSATS | MSATS responds to ALL transactions with an acknowledgment of receipt. |
| CODE | Codes Update | MSATS | MSATS notifies Participants of any changes to codes, rules or Participant data. |
| CR | Change Request | Participant | Used to initiate a Change Request. Submitted by a Participant anytime they wish to create or update any standing data. |
| CRR | Change Request Response | MSATS | MSATS response to a Change Request with an approval or rejection as it reaches the Pending Validation status. |

| Code | Name of Transaction Type | Initiated by | Description |
|------|------------------------------------|--------------|---|
| NMID | NMI Discovery Request | Participant | A Participant wants to view CATS Standing Data. Further particulars of the search types can be found in section 43. |
| NMIR | NMI Discovery Response | MSATS | MSATS sends a Participant information in response to a NMI Discovery Search. |
| NOT | Change Request Status Notification | MSATS | Notifies a Participant of a Change Request's change in status in accordance with the applicable Change Request Status Notification Rules. |
| OBJ | Objection | Participant | A Participant can raise an Objection to a Change Request in accordance with the applicable Objection Rules. Other Participants will be informed in accordance with the applicable Change Request Status Notification Rules. |
| OBJR | Objection Response | MSATS | MSATS response to an Objection with an approval or rejection. Other Participants will be informed in accordance with the applicable Change Request Status Notification Rules. |
| RDAT | Request for Participant data | MSATS | A request by MSATS to a Participant for provision of the necessary data in a Change Request in accordance with the applicable Field Validation Rules if that data is not already contained in the NMI Master Record. |
| RPTD | Report Data | MSATS | The data generated by a report request. |
| RPTR | Report Request | Participant | Participant requests a report. |
| WCR | Change Request Withdrawal | Participant | The initiating Participant may Cancel a Change Request at any time prior to Completion. Other Participants will be informed in accordance with the applicable Change Request Status Notification Rules. |
| WOBJ | Objection Withdrawal | Participant | The initiating Participant may withdraw an Objection. Other Participants will be informed in accordance with the applicable Change Request Status Notification Rules. |

3.3. Change Requests

A Change Request is:

- (a) A Change Request is the facility by which a Participant interacts with MSATS in order to effect a change in data to some or all aspects of information regarding an End User connection point prior to a transfer, during a transfer, or after a transfer has Completed, which includes:-
- (i) information about an End User's connection point including the names and Roles of organisations (Participant IDs) that provide a connection point service to the End User;
 - (ii) the technical details associated with the End User's metering installation; and
 - (iii) specific information that would assist retailers in providing competitive offers to End Users.
- (b) Allowed to have only one NMI in relation to that Change Request however is allowed to have multiple NMI suffixes and multiple Meter Serial ID's.
- (b) A Change Request is Initiated by selecting the Transaction Type Code CR, and the appropriate Change Reason Code. The Participant must select the Change Reason Code that most appropriately reflects the reasons for the change. 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 section to which the Change Reason Code applies.

- (c) The completion of a Change Request by submitting all required data can be performed in either an on-line interactive mode or an off-line batch mode.
- (d) Only one NMI is allowed on one Change Request. However, there can be multiple NMI suffixes and multiple Meter-Serial-IDs assigned to the one Change Request.
- (e)(c) When submitting a Change Request to MSATS, the Change Request is 'Wrapped' in an aseXML message format, which is capable of. This format is capable of accommodating more than one Change Request (when submitted via batch processes).
- (f)(d) When using the batch process, Validated by MSATS when submitted using the batch process then will respond to the submission of a Change Request once validation is complete, with an approval Acceptance or a Rejection using Transaction Type Code CRR.
- (g) A Change Request can be withdrawn by the Participant who Initiated the Change Request up until the time the Change Request is Completed.
- (h) The Change Reason Code will govern which data items are available to the Participant when initiating the Change Request.
- (i)(e) Within certain Change Reason Codes, data items associated with address information are provided as mandatory and optional. 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. Section 42.3.1 provides additional information about address data items.
- (f) A Change Request can only Able to only be assigned one DLF Code.
- (j)(g) Initiated with reference to an event in Table 4-A that is reflected in an assigned Change Reason Code, as described in Table 4-A.

Table 3-B – Assignment of Change Reason Codes to 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, |
| | Embedded network SMALL & LARGE | 1080, 1081, 1082, 1083, 1084 |
| Provide Data | Provide Actual Change Date SMALL & LARGE (for CR 1000, 1030, 1080, 1083, 1010, 1040, 1081, 1084, 3080, 3090, 6200, 6700, 6800) | 1500 |
| Create NMI | Create a NMI SMALL & LARGE | 2000, 2001 |
| | Create a Child NMI SMALL & LARGE | 2020, 2021 |
| | Create NMI, metering installation details & NMI Datastream SMALL & LARGE | 2500, 2501 |
| | Create NMI, metering installation details & MDM datastream – Child NMI SMALL & LARGE | 2520, 2521 |
| Maintain Metering | Create metering installation details SMALL & LARGE | 3000, 3001 |
| | Exchange of Metering Information SMALL & LARGE | 3004, 3005 |
| | Change metering installation details SMALL & LARGE | 3050, 3051 |

| Group of events | Description of event | Change Reason Code Assignment |
|--------------------------|---|-------------------------------|
| | Advanced Change Metering Installation Details SMALL & LARGE | 3080, 3081 |
| | Advanced Meter Exchange SMALL & LARGE | 3090, 3091 |
| | Change Network Tariff Code SMALL & LARGE | 3100, 3101 |
| Maintain Datastream | Create NMI Datastream SMALL & LARGE | 4000, 4001 |
| | Exchange of Datastream Information SMALL & LARGE | 4004, 4005 |
| | Change NMI Datastream SMALL & LARGE | 4050, 4051 |
| Maintain NMI | Update NSRD SMALL & LARGE | 5070, 5071 |
| | Change a NMI SMALL & LARGE | 5050, 5051 |
| | Change NMI – Customer Classification Code | 5054, 5055 |
| | Change Child NMI SMALL & LARGE | 5060, 5061 |
| | Backdate NMI start date | 5001 |
| | Backdate Child NMI Start Date | 5021 |
| | Change Parent Name SMALL & LARGE | 5080, 5081 |
| Change Role | Change LNSP SMALL & LARGE | 6100, 6110 |
| | Change MDP SMALL & LARGE | 6200, 6210 |
| | Change MC SMALL & LARGE | 6300, 6301 |
| | Change Local Retailer SMALL & LARGE | 6400, 6401 |
| | Change Local Retailer Child NMI 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 Child Local Retailer (Auto) | ECLR |
| | Change of Secondary FRMP – 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 ⁽ⁱ⁾ | 2100, 2101 |
| | Change External Profile ⁽ⁱ⁾ | 5110, 5111 |

Note (1): Refer to Section 8 in the WIGS Procedures for details on these Change Reason Codes.

3.4. Change Request Status Life Cycle

(a) The progression of a Change Request is based on the principle that transactions will be approved unless an Objection is received.

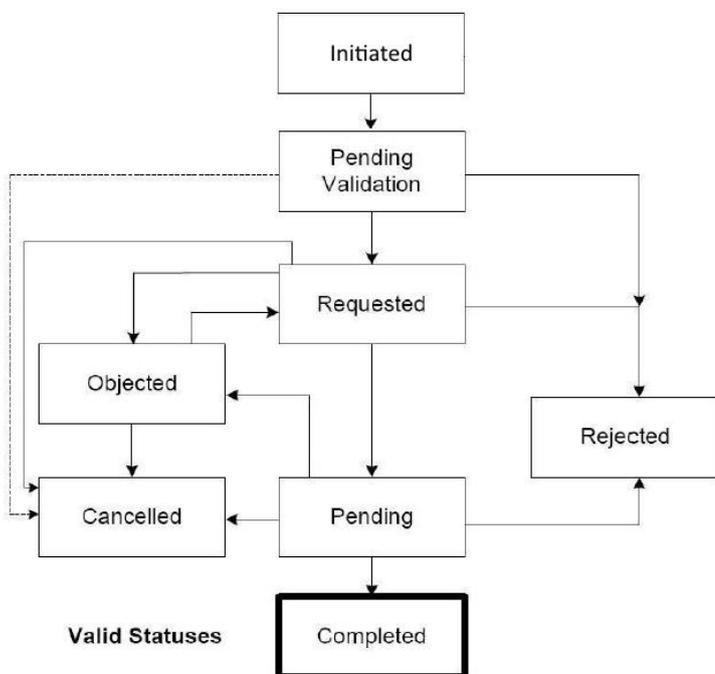
— The progression of a Change Request, in terms of its status during its life cycle, will be notified to the relevant Participants in accordance with the Change Request Status Notification Rules.

(b) During its life cycle, a Change Request may have the status of: set out in the figure below.

(i) Initiated;

- (ii) — Pending Validation;
- (iii) — Rejected;
- (iv) — Requested;
- (v) — Objected;
- (vi) — Pending;
- (vii) — Completed;
- (viii) — Cancelled.

The figure below highlights how each status relates to each other:



- (c) Initiation is the first status-step in the creation of a new Change Request in respect of which. During this status, the initiating Participant will:
- (i) select the Transaction Type Code CR;
 - (ii) select the Change Reason Code that most appropriately relates to the relevant event (as provided in Table 4-A);
 - (iii) populate the Change Request with the data permitted by the Change Reason Code;
 - (iv) submit the Change Request to MSATS, either an on-line interactive mode or an off-line batch mode;
 - (v) at its discretion, withdraw the Change Request, up until the time the Change Request is Completed; and

- (vi) have available to the Participant the data items as governed by the Change Reason Code.
- (d) The Pending Validation status:
 - (i) commences after the Change Request has passed initial validation for entry into MSATS;
 - (ii) finalises after the Change Request has been either:
 - (A) Accepted after all required data has been submitted; or
 - (B) Rejected, if any required data has not been submitted or is inaccurate.
- (e) The Rejected status occurs where a Change Request has failed validation, either:
 - (i) whilst it is at the Pending Validation status; or
 - (ii) at the time of completion of the Change Request, in rare circumstances where a change to some other data made after this Change Request was submitted has now made this change invalid.
- (f) The Requested status occurs where:
 - (i) a transaction has been validated, i.e. there is no missing data; and
 - (ii) the Objection Logging Period and Objection Clearing Periods have been identified, in circumstances in which any Objections received are validated against the Objection Rules or no Objections have been submitted.
- (g) The Objected status:
 - (i) occurs where one or more Objections have been received, in which event notifications of the Objections are sent to the relevant parties, including details of the Objections and whether the transaction was already being Objected to;
 - (ii) changes to Requested status, if the last Objection is withdrawn and the Objection Logging Period has not expired;
 - (iii) changes to Pending status, if the Objection Logging Period has expired and the last objection is withdrawn; and
 - (iv) changes to Cancelled status, if the Objection Clearing Period has expired and an Objection that is subject to the Objection Logging Period has not been withdrawn.
- (h) The Pending status:
 - (i) occurs where no Objections have been received, or all Objections have been withdrawn and the Objection period has passed;
 - (ii) remains whilst any required data remains outstanding, or an Objection that is not subject to the Objection Logging Period is not raised; and
 - (iii) will change to Completed if the Proposed Change Date is reached and all required data is present.
- (i) The Completed status:
 - (i) occurs, in the case of a Change Request that is:
 - (A) Pending, where the Proposed Change Date is reached and all required data is present; and
 - (B) Objected, where:

1. Objections have not been received, the Objection Logging Period has ended, and an Actual Change Date exists; or
 2. Objections have been received, all Objections have been withdrawn, the Objection Logging Period has ended, and an Actual Change Date exists.;
- (ii) occurs simultaneously with the formation of a NMI Master Record; and
- (iii) is effective from the Actual Change Date.
- (j) The Cancelled status occurs where:
- (i) the initiator of the Change Request has withdrawn the transaction; or
 - (ii) MSATS cancels the Change Request where:
 - (A) not all Objections have been withdrawn at expiry of the Objection Clearing Period;
 - (B) The Change Request has been in a status of 'Pending' longer than 7 months from the date of initiation; or
 - (C) A Type 2 Concurrent Transfer scenario applies.
- (ix) select an appropriate Change Reason Code, populate the Change Request with the data permitted by the Change Reason Code, and then submit the Change Request to MSATS. The submission can be through the interactive screen or by a batch process.
- (l) MSATS will then validate the Change Request prior to transferring the Change Request to the Pending Validation status.
- (m) The Pending Validation status commences after the Change Request has passed initial validation for entry into MSATS. However, not all the data that is required to initiate the transaction may be present in MSATS. If mandatory data is missing from the Change Request, the Change Request will be Rejected. If the missing data is for the NMI Master Record, a Data Request will be sent to the nominated Participant, and MSATS will check for the receipt of that data. There is no time limit imposed by MSATS for the provision of this data, however, the Participant that receives the Data Request must respond in a reasonable time. The Change Request will be approved only after all required data has been submitted.
- (n) The Rejected status occurs where a Change Request has failed validation. This can occur:
- (i) During the validation of a Change Request whilst it is at the Pending Validation status; or
 - (ii) At the time of completion of the Change Request (in rare circumstances where a change to some other data made after this Change Request was submitted has now made this change invalid).
- When a transaction has been Rejected, all Participants associated with the transaction will be notified in accordance with the Change Request Status Notification Rules.
- (o) 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 Participants. The Objection Logging Period and Objection Clearing Periods have been identified. Any Objections received are validated against the Objection Rules or no Objections have been submitted.
- (p) The Objected status occurs where one or more Objections have been received. Notifications of the Objections are sent to the relevant parties. This includes details of the Objections and

whether the transaction was already being Objected to. 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 it will move to Pending status. If the Objection Clearing Period has expired and an Objection that is subject to the Objection Logging Period has not been withdrawn the status will be changed to Cancelled.

- (q) — 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, 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 Participants in accordance with the Change Request Status Notification Rules.
- (r) — The Completed status occurs where the Objection Logging Period has passed, all required data is present in MSATS and the Proposed Change Date has been reached or is passed. Notifications are sent to the relevant Participants in accordance with the Change Request Status Notification Rules.

(s) — The Cancelled status occurs where:

- (i) — Not all Objections have been withdrawn at expiry of the Objection Clearing Period; or
(ii) — The initiator of the Change Request has withdrawn the transaction.

When a Change Request is Cancelled, notifications are sent to the relevant Participants in accordance with the Change Request Status Notification Rules.

3.5. Transaction Validation

- (a) A Change Request that has been Initiated by a Participant will undergo several validations by MSATS prior to being accepted to the Requested status.
- (i) The first validation will check that any code or date in the Change Request is in accordance with the codes and rules look-up tables. Validation will be performed on the data contained in the following data items:
- (A) Change Request ID;
 - (B) Jurisdiction;
 - (C) Role ID;
 - (D) NMI Status Code;
 - (E) Read Type Code;
 - (F) Change Request code;
 - (G) TNI Code;
 - (H) DLF Code;
 - (I) Metering Installation Type Code;
 - (J) Parent Name;
 - (K) Child Name;- and
 - (L) Proposed Change Date;
- (ii) The second validation will check for valid Change Reason Codes and Field Validation Rules. Validation will be performed against the following codes and rules:

- (A) Change Reason Codes, as per Table 4-A; ~~and~~
 - (B) Field Validation Rules: RI, OI, RQ, RD, RA; ~~;~~
 - (iii) ~~a~~A third validation will check the *NMI* characters against the NMI Checksum; ~~;~~
 - (iv) ~~a~~A fourth validation will check that the Participant who Initiated the Change Request is an active Participant and able to act in the Role that can initiate the transaction. Validation will be performed on the data contained in the following data items:
 - (A) Participant ID;
 - (B) Participant Status; ~~and~~
 - (C) Participant Roles; ~~;~~
 - (v) ~~a~~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; ~~;~~ ~~and~~
 - (vi) ~~A~~a sixth validation will check the Proposed Change Date, the Actual Change Date and the Actual End Date against the Timeframe Rules.
- (b) An Objection will be validated against general conditions and rule based conditions, as follows:
- (i) ~~G~~general conditions against which a validation of an Objection is performed are as follows:
 - (A) ~~t~~The Participant submitting the Objection is an active Participant;
 - (B) ~~t~~The Objection is not a duplicate of an existing Objection by that Participant;
 - (C) ~~t~~The Role of the Participant is in accordance with the Objection Rules;
 - (D) ~~t~~The Objection is linked to an active Change Request ID; ~~and~~
 - (E) ~~t~~The status of the Change Request is either Requested or Objected.
 - (ii) ~~R~~rule-based conditions against which a validation of an Objection is performed are as follows:
 - (A) ~~t~~The Participant can make the Objection in accordance with its status; ~~and~~
 - (B) ~~t~~The Objection Code is permitted for the Role.
 - (iii) ~~t~~The Change Request is within its Objection Logging Period; ~~and~~.
 - (iv) ~~t~~The Change Request is valid (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:
- (i) ~~t~~The Embedded Network Codes will be checked against a list of codes contained in MSATS; ~~;~~
 - (ii) Parent Names and Child Names will be checked to ensure that they are not identical for the same *NMI*; ~~;~~
 - (iii) ~~t~~The Child NMI being submitted will be checked against the Parent NMI; ~~;~~
 - (iv) ~~a~~A check will be performed for circular relationships; ~~;~~
 - (v) ~~p~~Prevent changes of the LR from being effected on a Child NMI; ~~and~~
 - (vi) ~~c~~Check that if a Parent NMI is not active that there are no active Child NMIs.

- (d) After the Change Request has been submitted, any subsequent Change Request submitted by the initial Participant to change the data on the Change Request will be validated, as follows:
- (i) ~~The NMI~~ on the subsequent Change Request will be checked against the ~~NMI~~ on the initial Change Request; and.
 - (ii) ~~The Participant ID~~ on the subsequent Change Request will be checked against the Participant ID on the initial Change Request.

3.6. Valid Proposed Change Date for Prospective and Retrospective Change Requests

3.6.1. Retrospective Changes

- (a) ~~For a Retrospective Change, the Proposed Change Date must either be the date the Change Request is raised or a date in the past and within the number of days allowed by the Timeframe Rules/Change Reason Code/NMI Classification Code 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 NMI Standing Data is 140 business days.~~
- (b) ~~Retrospective Changes have 0 days for the Prospective Days in the Timeframe Rules for the Jurisdiction/Change Reason Code/NMI Classification Code combination.~~
- (c) ~~Table 3-C lists Retrospective Change Reason Codes.~~

Table 3-C – Retrospective Change Reason Codes

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

3.6.2. Prospective Changes

- (a) For a Prospective Change, the Proposed Change Date must be the day following the date on which a Change Request is submitted, or a date after that date.

(b) The maximum number of days for a Prospective Change depends on the Timeframe Rules/Change Reason Code/NMI Classification Code for the relevant Change Request. The maximum number of days is the value stored in Prospective Days. ~~At present, the maximum allowable number of days for any Prospective Change is 65 business days.~~

(d) Prospective Changes have 0 days for the Retrospective Days in the Timeframe Rules/Change Reason Code/NMI Classification Code combination.

Table 3-D – Prospective Change Reason Codes

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

3.7. MSATS Reports

The following reports are available to Participants from MSATS.

Table 3-B0-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 Data Access Report |
| CATS C9 | NMI Count Report |
| CATS C12 | Report ROLR NMI Count |
| MDM RM8 | Date BMP PPS Generated Report |
| MDM RM9 | Actual Versus Estimate Data Report |
| MDM RM11 | MDM Missing Data (null) Report |
| MDM RM13 | NMI Datastreams History Report |
| MDM RM14 | MDP Data Version Comparison Report |
| MDM RM15 | 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 |



| <u>Report Name</u> | <u>Description</u> |
|--------------------|---|
| <u>MDM RM20</u> | <u>Profile Shape Data Report</u> |
| <u>MDM RM21</u> | <u>Level 2 Settlement Reconciliation Report</u> |
| <u>MDM RM22</u> | <u>Data Estimation Report</u> |
| <u>MDM RM26</u> | <u>MDP Substitution and Estimation Report</u> |

4. CATS CODES AND RULES FOR A CHANGE REQUEST

4.1. Introduction

- (a) This section specifies the codes and rules that apply when a Participant submits a Change Request to, or seeks access to CATS Standing Data.
- (b) MSATS contains the following codes and rules that apply to Change Requests:

| | | |
|--|------------------------------|-------------------------|
| Change Reason Codes | Role Codes | Initiation Rules |
| Jurisdiction Codes | Timeframe Rules | Objection Codes |
| Objection Rules | NMI Classification Codes | NMI Status Codes |
| Metering Installation Type Codes | Read Type Codes | Field Validation Rules |
| Change Request Status Notification Rules | Customer Classification Code | Customer Threshold Code |

4.2. Change Reason Code

- (a) A Change Request carries with it a set of CATS Standing Data items. The set of data items will vary with the transaction selected by the Participant initiating the Change Request. Each transaction has a Change Reason Code. The Change Reason Codes govern the population of data in a Change Request.
- (b) For each Change Reason Code, the following parameters are defined:
- (i) The Participants permitted to initiate a Change Request.
 - (ii) The data items that can be populated in the Change Request.
 - (iii) The data that must already be present in MSATS before the Change Request can be Completed.
 - (iv) Whether another Participant must supply the exact date of the change (i.e. is the MDP required to supply the date of the Actual Meter Reading to Complete the Change Request).
 - (v) The date range window.
 - (vi) The Objection Logging Period.
 - (vii) The Objection Clearing Period.
 - (viii) The Roles that will be notified of a Change Request, and at what stages in the Change Request that they will be notified.
 - (ix) The Participants who can Object to Change Request and the basis for Objection.
- (c) For any Change Reason Code, some elements are defined globally (i.e. they apply in all Jurisdictions) while others are defined separately for each Jurisdiction.
- (d) Within certain Change Reason Codes, the Participant must provide data items associated with address information, either as:
- (i) mandatory information, which includes locality (which has the same meaning as 'suburb'), state and postcode; or
 - (ii) optional information, which may include information in the Unstructured Address format, except for state and postcode information, or other information that the

Participant can provide in the structured address format, which must be provided in the structured address format.

(d)(e) The Change Reason Codes and a brief description of each are provided in Table 4-A.

Table 4-A – Assignment of Change Reason Codes to Events

| Event | CR | Description | Initiating Participant |
|-----------------------|---|--|-------------------------|
| Change Retailer | 1000 | Change Retailer | New FRMP |
| | 1010th | Change Retailer – Retrospective – Align to Meter Reading | New FRMP |
| | 1020 ⁽⁴⁾ | Change Retailer – Retrospective – Long Term/Error (not SMALL) | New FRMP |
| | 1021 | Error Correction – Missed CR 1500 <u>(SMALL NMI only)</u> | New FRMP |
| | 1022 | Incorrect transfer date | New FRMP |
| | 1023 | New NMI – Update/Correct FRMP on Greenfield Site <u>(SMALL NMI only)</u> | New FRMP |
| | 1024 | Transfer missed <u>(SMALL NMI only)</u> | New FRMP |
| | 1025 | Transferred in error <u>(SMALL NMI only)</u> | New FRMP |
| | 1026 | Cooled-Off | New FRMP |
| | 1027 | End User Moves Out on or before CR completion date | New FRMP |
| | 1028 | Non-account holder signs contract | New FRMP |
| | 1029 | Other Error Corrections (SMALL only) | New FRMP |
| | 1030, <u>1040</u> | Change Retailer – Move-In | New FRMP |
| | 1040 | Change Retailer – Move-In – Retrospective | New FRMP |
| | 1080 | Change Retailer – Child NMI | New FRMP |
| | 1081th | Change Retailer – Child NMI – Retrospective Align Meter Reading | New FRMP |
| | 1082 | Change Retailer Child – Retrospective Long Term/Error | New FRMP |
| | 1083 | Change Retailer Child NMI – Move In | New FRMP |
| | 1084 | Change Retailer Child NMI – Move In – Retrospective | New FRMP |
| Reversal | 1060 | Cooled Off (SMALL NMI only) | Current FRMP |
| | 1061 | Debt (SMALL NMI only) | New FRMP |
| Provide Data | 1500 | Provide Actual Change Date | New and Current MDP |
| Create NMI | 2000, <u>2001</u> | Create NMI Details | New LNSP |
| | 2001 | Create NMI Details – Retrospective | New LNSP |
| | 2020, <u>2021</u> | Create NMI Details – Child | New ENM |
| | 2021 | Create NMI Details – Child – Retrospective | New ENM |
| | 2500, <u>2501</u> | Create NMI, NMI Datastream & metering installation details | New LNSP |
| 2520, 2521 | Create NMI, MDM Datastream & Metering Installation Details – Child NMI | New ENM | |
| Maintain NMI | 5050, <u>5051</u> | Change NMI Details | Current LNSP |
| | 5051 | Change NMI Details – Retrospective | Current LNSP |
| | 5001 | Backdate NMI Start Date | AEMO or LNSP |
| | 5021 | Backdate NMI Start Date – Child | AEMO or ENM |
| | 5054, <u>5055</u> | Change NMI Details – Customer Classification Code | Current FRMP |

| Event | CR | Description | Initiating Participant |
|--------------------------------|----------------------------------|---|--|
| | 5055 | Change NMI Details – Customer Classification Code – Retrospective | Current FRMP |
| | 5060, <u>5061</u> | Change NMI Details – Child | Current ENM |
| | <u>5061</u> | Change NMI Details – Child – Retrospective | Current ENM |
| | 5070, <u>5071</u> | Update Next Scheduled Read Date | Current MDP |
| | <u>5071</u> | Update Next Scheduled Read Date – Retrospective | Current MDP |
| | <u>5072</u> | Update Last Read Date | Current MDP |
| | 5080, <u>5081</u> | Change Parent Name | Current LNSP |
| | <u>5081</u> | Change Parent Name – Retrospective | Current LNSP |
| | 5100, <u>5101</u> | 5100 – Change NMI Details – Prospective (AEMO only) | AEMO |
| | <u>5101</u> | 5101 – 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, NMI Datastream & metering installation details | New LNSP |
| | 2501 | Create NMI, NMI Datastream & metering installation details – Retrospective | New LNSP |
| | 2520 | Create NMI, MDM Datastream & Metering Installation Details – Child NMI | New ENM |
| | 2521 | Create NMI, MDM Datastream & Metering Installation Details – Child NMI – Retrospective | New ENM |
| Create and Maintain Metering | 3000, <u>3001</u> ⁽²⁾ | Create metering installation details | Current MPB |
| | <u>3001</u> ⁽²⁾ | Create metering installation details – Retrospective | Current MPB |
| | 3004, <u>3005</u> ⁽²⁾ | Exchange of Metering Information | Current MPB |
| | <u>3005</u> ⁽²⁾ | Exchange of Metering Information – Retrospective | Current MPB |
| | 3050, <u>3051</u> ⁽²⁾ | Change metering installation details | Current MPB |
| | <u>3051</u> ⁽²⁾ | Change metering installation details – Retrospective | Current MPB |
| | 3080, <u>3081</u> | Advanced change metering installation details | Current MC |
| | <u>3081</u> | Advanced change metering installation details – Retrospective | Current MC |
| | 3090, <u>3091</u> ⁽²⁾ | Advanced Meter Exchange | Current MC |
| | <u>3091</u> ⁽²⁾ | Advanced Meter Exchange – Retrospective | Current MC |
| 3100, <u>3101</u> | Change Network Tariff Code | Current LNSP or Current ENM | |
| | <u>3101</u> | Change Network Tariff Code – Retrospective | Current LNSP or Current ENM |
| Create and Maintain Datastream | 4000, <u>4001</u> ⁽²⁾ | Create NMI Datastream Details | Current MDP |
| | <u>4001</u> ⁽²⁾ | Create NMI Datastream Details – Retrospective | Current MDP |
| | 4004, <u>4005</u> ⁽²⁾ | Exchange of Datastream Information | Current MDP |
| | <u>4005</u> ⁽²⁾ | Exchange of Datastream Information – Retrospective | Current MDP |
| | 4050, <u>4051</u> ⁽³⁾ | Change NMI Datastream Details | Current MDP |

| Event | CR | Description | Initiating Participant |
|--|--|--|---------------------------------------|
| | 4054 th | Change NMI Datastream Details – Retrospective | Current MDP |
| Change Roles | 6100, 6110 | Change LNSP | New LNSP or new ENM |
| | 6110 | Change LNSP – Retrospective | New LNSP or new ENM |
| | 6200, 6210 | Change MDP | Current FRMP or Current MC |
| | 6210 | Change MDP – Retrospective | Current FRMP or Current MC |
| | 6300, 6301 | Change MC | New MC or Current FRMP |
| | 6301 | Change MC – Retrospective | New MC or Current FRMP |
| | 6400, 6401 | Change LR | New LR |
| | 6401 | Change LR – Retrospective | New LR |
| | 6421 | Change LR – Retrospective – Child NMI | New LR |
| | 6500, 6501 | Change RoLR | New RoLR |
| | 6501 | Change RoLR – Retrospective | New RoLR |
| | 6700, 6701 | Change MP | Current MC |
| | 6701 | Change MP – Retrospective | Current MC |
| | 6800, 6801 | Change Multiple Roles | Current FRMP or Current MC |
| 6801 | Change Multiple Roles – Retrospective | Current FRMP or Current MC | |
| Manage External Profiles ⁽⁴⁴⁾ | 2100, 2101 | Create External Profile Shape | New AEMO |
| | 5110, 5111 | Change External Profile Shape | Current AEMO |
| AEMO Only | BCxx | Invoke Bulk Change Process | AEMO |
| | ROLR | Invoke Retailer of Last Resort | AEMO |
| System | ECLR | Change of Local Retailer – Child (Auto) | AEMO/MSATS |
| | EPFR | Change of Secondary FRMP – Parent (Auto) | AEMO/MSATS |

Note (1): “not SMALL NMI” means LARGE, WHOLESAL, INTERCON, GENERATR or SAMPLE NMIs. 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 Meter Serial IDs. 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 NMI suffixes. A single Change Request using these Change Reason Codes may be populated with multiple Meter Serial IDs.

Note (4): Refer to Section 8 in the WIGS Procedures for details on these Change Reason Codes. “not SMALL NMI” means LARGE, WHOLESAL, INTERCON, GENERATR or SAMPLE NMIs.

4.3. Role Codes

- (a) A Role Code identifies the type of association that a Participant has with a NMI.
- (b) The NMI Master Record will contain each ‘Current’ Role for each NMI. Each proposed Role for a NMI is referred to as a ‘New’ Role.
- (c) The Role Codes defined in Table 4-B are used to define:
 - (i) Participants that can initiate a Change Request;
 - (ii) Participants to supply data when it is needed to Complete a Change Request;
 - (iii) Change Request Status Notification Rules;
 - (iv) Objection Rules; and
 - (v) Access rights to CATS Standing Data.

Table 4-B – Role Codes

| Code | Description |
|------|---|
| FRMP | Financially Responsible Market Participant |
| LNSP | Local Network Service Provider or <i>Embedded Network Manager for child connection points</i> |
| LR | Local Retailer |
| MDP | Metering Data Provider – Category D |
| MPB | Metering Provider – Category B |
| MPC | Metering Data Provider – Category C |
| NEMM | National Electricity Market Operator |
| NSP2 | Second Network Service Provider (For Wholesale NMs only) |
| ROLR | Retailer of Last Resort |
| RP | Metering Coordinator |

4.4. Change Request Initiation Rules

- The Initiation Rules specify the Roles permitted to Initiate Change Requests.
- A Change Request may be Initiated by both ‘New’ or ‘Current’ Roles.
- Only a ‘New’ Role can be entered on a Change Request.
- The Initiation Rules for each Change Reason Code are listed in the section to which the Change Reason Codes are detailed.

4.5. Jurisdiction Codes

- The Jurisdiction Codes defined in Table 4-C identifies the Jurisdiction in which a *NMI* is situated.
- The Jurisdiction Code is used to apply Jurisdiction-based business rules.

Table 4-C – Jurisdiction Codes

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

4.6. Timeframe Rules

- The Timeframe Rules specify whether a Jurisdiction, Change Reason Code and NMI Classification Code are a valid combination.
- For any Change Reason Code, the Timeframe Rules specify:
 - Whether the Change Reason Code can be used to make a Prospective Change or Retrospective Change.

- (ii) ~~The~~ number of days into the future (Prospective Days) or the past (Retrospective Days) that are allowable for the Proposed Change Date;
 - (iii) ~~The~~ number of days allowed for Objections (Objection Logging Period), which commences from the next *business day* after the date that the Change Request is Initiated; ~~and~~;
 - (iv) ~~The~~ number of days after which a Change Request that has been Objected to will be Cancelled (Objection Clearing Period), which commences from the next *business day* after the date that the Change Request is Initiated.
- (c) The Timeframe Rules may be specified by Jurisdiction.
 - (d) Unless stated otherwise, the Timeframe Rules for a Change Reason Code apply to all Jurisdictions.

4.7. Objection Codes

- (a) The Objection Codes defined in Table 4-D are the only basis on which Participants can Object to a Change Request, solely on the condition that Participants are able to produce evidence to AEMO to substantiate the raising of an Objection Code as fair and reasonable, within one business day of a request by AEMO to produce such evidence.
- (b) The Objection Codes are applied to each Jurisdiction and each Change Reason Code in accordance with the Objection Rules.

Table 4-D – Objection Codes

| Code | Description |
|----------|---|
| BADDATA | Used by a Participant to confirm that the standing data in the change request or the NMI Master Record is incorrect (e.g. Meter Serial ID). If the Participant role is incorrect; use NOTRESP. |
| BADMETER | Used by the MDP for change retailer requests, where the Read Type Code is not compatible with the method for collecting <i>metering data</i> at the <i>metering installation</i> . |
| BADPARTY | Used by the MC when the MDP, MPB, or MPC nominated on a change of retailer request or change of role is incorrect as they are not the party appointed by the MC, or do not have the capability or capacity to operate in the Role proposed. |
| BLOCK | AEMO Objection to the transaction either at the request of a Jurisdiction or for operational reasons. |
| CONTRACT | Must only be used where a change in MC is proposed, the Current MC has been appointed by a large End User and has an existing contractual obligation with the large End User that takes precedence over the proposed change. |
| CRCODE | Can be used if the Change Reason Code being used does not apply to the <i>NMI</i> concerned. |
| DATEBAD | Used by the MDP for meter installation types 4A, 5 and 6 to inform the initiating party the proposed date in the change of retailer or change of role request does not align with the date the Metering Reading is scheduled to be taken. Used by the Current FRMP , or-MDP for retrospective change of <i>retailer</i> or change of role requests where one or both of the Proposed Change Date, or Actual End Date is incorrect. |
| DEBT | Used by the Current FRMP for change <i>retailer</i> requests in Victoria only, were there is an aged debt reaching Jurisdictional limits. |

| Code | Description |
|-----------|--|
| DECLINED | Used by a Participant who does not wish to perform the Role for which it is nominated in the Change Request. Can only be used by: (1) an Initial MC registered with AEMO in accordance with clause 2.4A.1 of the NER, which has been appointed in respect of a connection point, if either: (a) this Initial MC has notified a retailer at the connection point of a metering installation malfunction which has occurred to a metering installation in accordance with clause 11.86.7 of the NER; (b) a metering installation is no longer a metering installation type 5 or 6 in respect of which an Initial MC is able to provide services; or (c) the MP and MDP for a connection point in MSATS are not accredited to provide services in respect of a metering installation type 5 or 6; or (2) a Participant other than an Initial MC who does not wish to perform the Role for which it is nominated in the Change Request. |
| NOACC (1) | Used where no access can be obtained to the metering installation to perform the manual collection of metering data required to facilitate a transfer of FRMP, or Meter Churn. |
| NOTAPRD | Used by the LNSP where a Participant is not accredited or authorised to operate within the LNSP area, most typically applying to the Role of MP. |
| NOTAWARE | Used by the Current FRMP when no communication has been received from the New FRMP confirming that an error correction transaction will be processed. |
| NOTPRUD | No prudential approval. AEMO has not approved the transaction for prudential reasons. |
| NOTRANS | Used by the Current FRMP and only applies to retrospective change of retailer requests. A check of records shows no previous change of retailer request exists for the error correction change of retailer. |
| NOTRESP | Not responsible for NMI in the identified Role. For use by a nominated Participant to Object on the basis that they are not responsible in the Role in which they are nominated. |
| RETRO | Participant does not agree to a Retrospective Change. |

Note (1): Objections for "NOACC" are not subject to Objection Logging Periods or Objection 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

- The Objection Rules specify the way in which Objection Codes can be used for each Change Reason Code and Role.
- The Objection Rules for each Change Reason Code are listed in the section to which the Change Reason Code applies.
- Unless stated otherwise, Objection Rules apply in every Jurisdiction.

4.9. NMI Classification Codes

- The NMI Classification Code enables MSATS to be informed of the nature of the flow of electricity at the connection point to which the NMI information applies.
- The NMI Classification Codes 'LARGE' and 'SMALL' are used in these Procedures. They are parameters for defining Change Reason Codes, application timeframes and Objection Rules.
- The NMI Classification Codes 'LARGE' and 'SMALL' are based on the total annual load of the NMI as per Table 4-E.

Table 4-E – NMI Classification Codes

| Code | Description ⁽²⁾ | Jurisdiction |
|----------------------|---|--|
| EPROFILE | External <i>profile</i> shape | All |
| GENERATR | Generator | All |
| INTERCON | Interconnector | All |
| LARGE ⁽¹⁾ | Victoria:— NSW:— ACT:— > =160 MWh SA:— | Victoria, New South Wales, Australian Capital Territory, South Australia |
| | QLD:— > =100 MWh | Queensland |
| | TAS:— > =150 MWh | Tasmania |
| | | |
| SAMPLE | Sample Meter | All |
| SMALL ⁽¹⁾ | Victoria:— NSW:— ACT:— <160 MWh SA:— | Victoria, New South Wales, Australian Capital Territory, South Australia |
| | QLD:— <100 MWh | Queensland |
| | TAS:— <150 MWh | Tasmania |
| | | |
| WHOLESALE | Wholesale Transmission Node Identifier | All |

Note (1): —These codes are used in the CATS Procedures.

Note (2): —See relevant Jurisdictional regulation for full details.

4.10. End User Classification

4.10.1. Customer Classification Code

- The FRMP must update, provide and maintain an End User's Customer Classification Code, within five 5-business days of becoming aware that the value in MSATS is incorrect or not populated, as specified in Table 4-F.
- The Customer Classification Code relates to an End User, or previous End User, at a single *connection point* to which the *NMI* applies.

Table 4-F – Customer Classification Codes

| Code | Description ⁽¹⁾ |
|-------------|--|
| BUSINESS | <u>The End User has identified that the primary use of the connection point is for business purposes.</u> |
| RESIDENTIAL | <u>The End User has identified that the primary use of the connection point is for residential purposes.</u> |

Note (1): —See relevant Jurisdictional regulation for full details.

4.10.2. Customer Threshold Code

- The Customer Threshold Code is used to indicate the level of an End User's electricity consumption at a single *connection point* to which a *NMI* applies and is based on the LNSP's determination of the annualised consumption for an End User at a single *connection point*.

- (b) The Customer Threshold Code is mandatory for all *NMIs* with a *NMI Status Code* of 'A' or 'D', and a *Customer Classification Code* of 'BUSINESS'.
- (c) The Customer Threshold Codes are specified in Table 4-G.

Table 4-G – Customer Threshold Codes

| Customer Threshold Code | Description |
|-------------------------|---|
| LOW | Consumption is less than the 'lower consumption threshold' as defined in the National Energy Retail Regulations. |
| 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. |
| HIGH | Consumption is equal to or greater than the 'upper consumption threshold' as defined in the National Energy Retail Regulations. |

4.11. Status Codes

4.11.1. *NMI Status Codes*

- (a) The *NMI Status Codes* defined in table 4-H are used to determine if a *NMI* can be used for a retail transfer.
- (b) The *NMI Status Code* 'X' is the only status that does not allow *NMI* transfers between *retailers*.

Table 4-H – *NMI Status Codes*

| Code | Name of code | Description of code |
|------|-----------------------------|---|
| A | Active <i>NMI</i> | Applies when a <i>NMI</i> is energised. |
| D | Not energised <i>NMI</i> | Applies when the <i>NMI</i> exists in MSATS and the <i>connection point</i> is de-energised. |
| X | Extinct <i>NMI</i> | Applies when: <ul style="list-style-type: none"> the <i>network connection</i> has been permanently removed from the <i>connection point</i> or, the <i>embedded network connection</i> has been permanently removed from the <i>child connection point</i> or the <i>connection point</i> has been moved from an LNSP's <i>network</i> to an <i>embedded network</i> or vice versa. Under this condition the existing <i>NMI</i> will not be reallocated to any other <i>connection point</i> in the future. A <i>NMI</i> with this status can never be transferred. |
| G | Greenfield Site <i>NMI</i> | Applies to a Site that has never been energised. The <i>connection point</i> may require further Site works to be undertaken and will also require energisation. Once the <i>NMI Status Code</i> is changed from 'G', it cannot revert to 'G'. |
| N | Off Market Child <i>NMI</i> | Applies when a <i>child connection point</i> is no longer settled in the <i>NEM</i> . |

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) The *Datastream Status Codes* in MSATS are 'A' and 'I', as defined in Table 4-I.

Table 4-I – Datastream Status Codes

| Code | Name of code | Description of code |
|------|-------------------------|---|
| A | Active NMI Datastream | Applies when an NMI Datastream is to be used in <i>settlements</i> . |
| I | Inactive NMI Datastream | Applies when the NMI Datastream is not to be used in <i>settlements</i> . |

- (c) If a retail transfer CR is Completed and an End User has transferred to a second tier *retailer* (i.e. FRMP is not the LR) the Datastream Status Code for a Second Tier NMI must be 'A' when the *NMI* is energised.

4.11.3. Meter Register Status Codes

- (a) The Meter Register Status Codes denote the status of the *meter* in MSATS.
- (b) The only Meter Register Status Codes are 'C', 'R', and 'D' as defined in Table 4-J.

Table 4-J – Meter Register Status Codes

| Code | Name of code | Description of code |
|------|-----------------------|--|
| C | Current | Applies when the <i>NMI</i> is current and not de-energised. |
| R | Removed | Applies when the <i>metering installation</i> associated with the <i>NMI</i> is removed. |
| D | Remotely De-energised | Applies when the <i>NMI</i> is de-energised. |

4.11.4. Register Identifier Status Codes

- (a) The Register Identifier Status Code indicates if a Meter Register is active.
- (b) The Register Identifier Status Codes are C and R and are defined in Table 4-K.

Table 4-K – Register Identifier Status Codes

| Code | Name | Description |
|------|---------|---|
| C | Current | Applies when a Meter Register at the <i>NMI</i> is current, i.e. connected to a <i>connection point</i> . |
| R | Removed | Applies when a Meter Register at the <i>NMI</i> is removed, i.e. not connected to a <i>connection point</i> . |

4.12. Metering Installation Type Codes

- (a) The Metering Installation Type Codes defined in Table 4-L identifies the type of *metering installation* as specified in the NER.
- (b) The Metering Installation Type Code also indicates whether the Actual Change Date must be input by a Participant other than the initiator of the Change Request. If the Manually Read Flag (see Table 4-L) is set to Y and the Change Request Field Validation Rules have been set up to request a date, a request will be sent to the nominated Participant to provide it.

Table 4-L – Metering Installation Type Codes

| Code | Description | Manually Read Flag |
|--------|---|--------------------|
| BASIC | Accumulation Meter – Type 6 | Y |
| COMMS1 | Interval Meter with communications – Type 1 | Y |
| COMMS2 | Interval Meter with communications – Type 2 | Y |

| Code | Description | Manually Read Flag |
|---------|---|--------------------|
| COMMS3 | Interval Meter with communications – Type 3 | Y |
| COMMS4 | Interval Meter with communications – Type 4 (Note: This code is used for <i>large customer</i> with type 4 <i>metering installations</i> and for <i>small customer</i> type 4 <i>metering installation</i> installed before 1 December 2017) | Y |
| COMMS4C | CT connected <i>metering installation</i> that meets the <i>minimum services specifications</i> | Y |
| COMMS4D | Whole current <i>metering installation</i> that meets the <i>minimum services specifications</i> | Y |
| MRAM | <i>small customer metering installation</i> – Type 4A | Y |
| MRIM | Manually Read Interval Meter – Type 5 | Y |
| PROF | For Profile Setup | N |
| SAMPLE | Sample Meter | Y |
| UMCP | Unmetered Supply – Type 7 | N |
| VICAMI | <u>Aa</u> relevant <i>metering installation</i> as defined in clause 9.9C of the NER. | Y |

4.12.1. Consequences of Allocating Certain Metering Installation Codes

- (a) If the Metering Installation Type Code is COMMSx, MRIM, MRAM, VICAMI, or UMCP:
- (i) `DataStreamType`¹ must be I or P (P – Sample *meters* only);
 - (ii) `ProfileName` must be NOPROF; and
 - (iii) `Datastream Suffix` must be Nx (e.g. N1);
- (b) If the Metering Installation Type Code is BASIC:
- (i) `DataStreamType` must be C;
 - (ii) in Victoria, Tasmania and ACT, `ProfileName` must be NSLP;
 - (iii) in NSW, QLD and SA, `ProfileName` must be NSLP or the relevant CLP; and
 - (iv) `Datastream Suffix` must be numeric (e.g. 11);

4.13. Read Type Code

- (a) ~~The Read Type Code is not used by MSATS for the purpose of settlements. There are no rules in MSATS controlling the use of the Read Type Code.~~
- (b)(a) ~~The Read Type Code is an direction instruction from the requesting FRMP to the MDP that a specified Meter Reading is to be used, nominated in the Change Request to assist the transfer or that no Meter Reading is required, by using the specified reading method.~~
- (b) Where a Special Metering Reading has been requested ~~advice is provided to an MDP~~, the MDP ~~would will~~ arrange for the Special Meter Reading to be undertaken upon receipt by the MDP of the ServiceOrderRequest from the FRMP.
- (c) ~~The Read Type Code is used to signal when a meter should be read, whether an alternative arrangement is to be used, or whether no read is required.~~
- (d) ~~In each case the Read Type Code is an instruction relating to the date in the Proposed Change Date, for example.~~

¹ See Standing Data for MSATS for explanation of `DataStreamType`.

~~(e)(c)~~ A meter may be read on the NSRD (NS) or on ~~A~~ a Special Read Date (SP).

~~(f)~~ An Estimated Reading (ER) may be provided in place of the Actual Meter Reading.

~~(g)(d)~~ The Read Type Codes are specified in Table 4-M.

Table 4-M – Read Type Codes

| Code | Name of code | Description of code |
|------|--|--|
| CR | Consumer Read | Available if approved by Jurisdictional policy. Advice from New FRMP to MC or MDP that the End User has agreed to transfer on a Meter Reading it provides. MDP/MPC is not required to undertake a Special Meter Reading. <i>Applies to type 6 metering installations.</i> |
| EI | Existing Remotely-Read Interval Meter | Advice from the New FRMP to the MDP that there is an existing remotely-read Interval Meter at the connection point and that the existing meters will continue to be used after the transfer. <i>Applies to type 1 to 4 metering installations only.</i> |
| ER | Estimated Read | Available if approved by Jurisdictional policy. Advice from the New FRMP to MDP that the End User has agreed to transfer on an Estimated Reading. No Meter Reading is required for this transfer. MDP is to provide an Estimated Reading in accordance with the metrology procedure and any other Jurisdiction requirements. <i>Applies to type 4A, 5 and type 6 metering installations.</i> |
| GR | Greenfield NMI | Used when the NMI being transferred is a greenfield connection point and has never had a metering installation physically installed at the connection point and the NMI Status is 'G'. |
| NS | Next Scheduled Read Date ^{em} | Advice from New FRMP to MDP that the Proposed Change Date for the End User transfer is the NSRD, which is, therefore, a date in the future. No other Meter Reading is required. An acceptable date is a window that is up to 3 business days before or 2 business days after the published NSRD. 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), the MDP must advise the FRMP that there is a problem with the date proposed within 2 days of receipt of the Data Request. If the meter is read outside this window, the MDP is not obliged to provide an Actual Change Date CR 1500. <i>Applies to types 4A, 5 and type 6 metering installations.</i> |
| PR | Previous Read Date ^{em} | 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 <u>taken within the previous 15 business days</u> . <i>Applies to type 4A, 5 and type 6 metering installations.</i> |
| RR | Next Read Date <u>Read Required</u> | Advice from New FRMP to MDP <u>either</u> that: (1) <u>the Proposed Change Date for the End User transfer is to be the date for provision for the interval meter reading or Estimated Reading, as appropriate. The Proposed Change Date will become the Actual Change Date of the End User transfer.</u> (2) <u>The Proposed Change Date can be either prospective or retrospective.</u> <u>1. 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).</u> <i>Applies to types 4A, 5 and type 6 metering installations.</i> |

| Code | Name of code | Description of code |
|------|----------------------------|---|
| SP | Special Read | Advice from New FRMP to MDP that a B2B Service Order has been/will be provided to arrange for a physical site visit to undertake a reading including but not limited to, facilitation of an the Proposed Change Date for the End User transfer, is a date that does not align with the scheduled reading cycle. The MDP/MPC is to arrange for the Special Meter Reading. Applies to type 4A, 5 and type 6 <i>metering installations</i> . |
| UM | Unmetered Connection Point | Used when the <i>NMI</i> being transferred is an unmetered <i>connection point</i> . |

Note (1): ~~There is no requirement to maintain the NSRD for meters that are remotely read. The NSRD will only be required for the type 4A, 5 and 6 metering installations where manual Meter Reading is necessary.~~

Note (2): ~~The previous Meter Reading date is not held by in MSATS and is available via NMI Discovery. The New FRMP would obtain this information from the End User. This Read Type Code is likely to be used with Change Reason Codes 1010 and 1081.~~

~~(h)(e)~~ The combinations of Read Type Codes, Metering Installation Type Codes and Change Reason Codes that can be valid, (provided the Read Type Code is allowed in a Jurisdiction), are specified in Table 4-N. (The Metering Installation Type Code referred to here is the code for the existing metering record).

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

| CR Code | | 1000 | | 1010, 102X, 1040 except 1023 | | 1030 | | 1023 | All CR Codes | |
|---------------------------------|-------------------------------------|-------------------|-------------------|------------------------------|---------------|----------------|----------------|----------------|-------------------|---------------|
| Metering Installation Type Code | | BASIC | MRIM / MRAM | BASIC | MRIM / MRAM | BASIC | MRIM / MRAM | Not Applicable | COMMSx / VICAMI | UMCP |
| NS | Next Scheduled Read Date | Yes | Yes | No | No | No | No | No | No | No |
| RR | Next Read Date Read Required | Yes | Yes | No | No | Yes | Yes | No | No Yes | No |
| SP | Special Read | Yes | Yes | No | No | Yes | Yes | No | No | No |
| ER | Estimated Read | Yes | Yes | Yes | No | Yes | Yes | No | No | No |
| CR | Consumer Read | Yes | No | No | No | No | No | No | No | No |
| PR | Previous Read Date | No Yes | No Yes | Yes | Yes | No | No | No | No Yes | No |
| UM | Unmetered Connection Pt | No | No | No | No | No | No | No | No | Yes |
| EI | Existing Interval Meter | No | No | No | No | No | No | No | Yes | No |
| GR | Greenfield NMI | No | No | No | No | No | No | 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, COMMS4C, COMMS4D.

Note: No meter reading is required for CR Code 1023

4.14. Last Read Quality Flag

- (a) The Last Read Quality Flag is a value provided by the MDP that specifies the type of Meter Reading that was obtained/provided to the market for the Last ReadDate.
- (b) The Last Read Quality Flag Codes are specified in Table 4-M.

Table 4-O – Last Read Quality Flag

| Code | Name of code | Description of code |
|------|------------------|--|
| A | Actual | Actual Meter Reading |
| S | Substitute | For any substituted metering data that is considered temporary and may be replaced by Actual Metering Data. Substitutions apply to historical date/time periods at the time of Substitution. |
| E | Final Substitute | For substitutions that are of a permanent or final nature and, subject to the Metrology Procedure, the metering data would not be replaced by Actual Metering data at any time. |

Note: Applies to Type 4A, Type 5 and Type 6 Metering Installations.

4.14.4.15. Field Validation Rules

- (a) The Field Validation Rules are based on data source codes as per table 4-O.
- (b) For any Change Reason Code, the Field Validation Rules specify:
- 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 for the transaction to proceed from Pending Validation to Requested and, if they are not present, which Participant must supply them; and
 - Whether the Actual Change Date has to be obtained from another Participant for NMIs where the *metering installations* are manually read (and if it does, who should be asked to supply it).
- (c) The obligations on Participants arising from the allocation of the Field Validation Rules are detailed in the section to which the Change Reason Code applies.
- (d) Each data source code is hard coded in MSATS and is not available for maintenance. The available data codes are identified in Table 4-P.

Table 4-P – Field Validation Data Source Codes

| Code | Explanation |
|------|---|
| OI | Optional on Initiation. This means it is optionally supplied by the initiator of the Change Request. |
| RA | Requested by CATS regardless of whether it is already in CATS. For all RA fields, the Participant 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 End User transfer Change Requests. (However, in this special case, the request will only be sent if the <i>metering installation</i> 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). |
| RI | Required to Initiate. This means it must be supplied by the initiator of the Change Request. |

| Code | Explanation |
|------|--|
| RQ | Requested by CATS if the data is not already in CATS. For all RQ fields, the Participant 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. |

4.15.4.16. Change Request Status Notification Rules

The Change Request Status Notification Rules define which Roles are to be advised when a Change Request undergoes a change in status.

4.16.4.17. Maintenance of Codes and Rules

- (a) From time to time AEMO must maintain will update the following codes and rules tables in MSATS:

| | | |
|--|---|--|
| Change Reason Codes | Role Codes | Initiation Rules |
| Jurisdiction Codes | Timeframe Rules | Objection Codes |
| Objection Rules | NMI Classification Codes | NMI Status Codes |
| Metering Installation Type Codes | Read Type Codes | Field Validation Rules |
| Change Request Status Notification Rules | NMI Discovery Search – NMI Search Rules | NMI Discovery Search – NMI Data Access Rules |
| NMI & CATS Standing Data Access Rules | Network Tariff Code | <u>Participant</u> |
| <u>Embedded Network Codes</u> | <u>Last Read Quality Flag</u> | |

- (b) MSATS will send a message via the replication report to all Participants if a change is made to any code or rule.

4.17.4.18. Datastream Status Code

- (a) The Datastream Status Code is part of CATS Standing Data and is used for the management of the *metering data* within MSATS.
- (b) The Datastream Status Code makes use of the codes specified in Table 4-I.
- (c) When required by a Change Reason Code, Participants must nominate on a Change Request the status of the Datastream Status Code for the selected *NMI*.
- (d) If a Datastream Status Code is set to A (active) this flag will be used by MSATS to indicate that *metering data* is to be expected for the *NMI* for the purpose of:
- aggregation in the *settlements* process; or
 - netting off in the determination of a *profile* shape.

4.18.4.19. Embedded Network Codes and Rules

- (a) MSATS requires each *embedded network* to be given a name, which is to be a code of up to 10 characters.
- (b) The LNSP must generate and provide the Embedded Network Code to AEMO:-
- The first character of the Embedded Network Code is to be the first character of the Jurisdiction in which the *embedded network* is located.
 - The second character of the Embedded Network Code is to be a character chosen to represent the LNSP in whose *distribution network* the *embedded network* is connected.

- (iii) ~~t~~The LNSP must liaise with the owner of the *embedded network* to determine the other characters of the Embedded Network Code as per the Embedded Network Code structure specified by AEMO²; ~~and~~
- (iv) ~~t~~The LNSP must provide the Embedded Network Code to AEMO within ~~five~~5 *business days* from the time it receives the request from the *embedded network* owner or the ENM acting on behalf of the *embedded network* owner.
- (c) The LNSP must provide to AEMO the following when providing the Embedded Network Code:
 - (i) ~~d~~Description of the *embedded network* (up to 50 characters long).
 - (ii) ~~l~~Locality, postcode and state of the *embedded network*.
 - (iii) ~~s~~Start date of the *embedded network*.
 - (iv) DLF Code of the Parent NMI³; ~~and~~
 - (v) TNI Code of the Parent NMI.⁴
- (d) The LNSP at the *parent connection point* must allocate the Embedded Network Code to the Parent NMI within ~~two~~2 *business days* from the later of:
 - (i) being notified by AEMO that the Embedded Network Code has been created in MSATS; ~~or~~
 - (ii) the mandatory information required by the Create NMI Change Request becoming available if the Parent NMI has not been created.
- (e) The ENM must allocate the Embedded Network Code to the Child NMI which is the same as the Embedded Network Code of the Parent NMI.
- (f) Within ~~five~~5 *business days* of being appointed as the ENM for an *embedded network*, the ENM must provide AEMO with the following:
 - (i) Date of the nomination;~~;~~
 - (ii) Embedded Network's (EN's) Participant ID;~~;~~
 - (iii) Name of the Exempt Embedded Network Service Provider (EENSP)⁵;~~;~~
 - (iv) Embedded Network Code;~~;~~
 - (v) Parent NMI;~~;~~ ~~and~~
 - (vi) Address of the Parent NMI.

4.19.4.20. Obtaining Electronic Downloads of Configuration Rules

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

Table 4-Q – CATS Configuration Tables Available for Download

| Type | Description | Table |
|------|---|--------------------------|
| | List of Roles along with their assigned Participant IDs used by MSATS | CATS_PARTICIPANT_ROLES |
| Code | List of the available Change Reason Codes | CATS_CHANGE_REASON_CODES |

² Document No MT_GN1710v0xx.doc – Allocation of Embedded Network Codes.

³ Note that subsequent update to the DLF Code is not required via this transaction.

⁴ Note that subsequent update to the TNI Code is not required via this transaction.

⁵ As it appears on the AER's public register.

| Type | Description | Table |
|------|--|--|
| 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 |
| Code | DLF Codes | CATS_DLF_CODES |
| Code | Parent Name codes | CATS_EMB_NET_ID_CODES |
| Code | Error codes used by MSATS | CATS_ERROR_CODES |
| Code | List of Jurisdiction Codes | CATS_JURISDICTION_CODES |
| 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 |
| Code | List of available Objection Codes | CATS_OBJECTION_CODES |
| Code | List of <i>Registered Participant</i> IDs | CATS_PARTICIPANTS |
| Code | List of allowable Read Type Codes | CATS_READ_TYPE_CODES |
| Code | List of available Roles | CATS_ROLES |
| Code | <i>Transmission connection point</i> identifier codes | CATS_TNI_CODES |
| Code | List of transaction types in MSATS | CATS_TRANS_TYPE_CODES |
| Code | Calendar used by MSATS | MSATS_NATIONAL_CALENDAR |
| Code | Network Tariff Codes | CATS_NETWORKTARIFF_CODES |
| Rule | Change Request Initiation Rules | CATS_CR_INITIATION_RULES |
| Rule | Rule governing NMI Discovery Search | CATS_DISCOVERY_ACCESS_RULES |
| Rule | Rules defining if Site address is returned in NMI Discovery Search | CATS_DISCOVERY_SEARCH_RULES |
| Rule | Jurisdiction rules governing Change Request Initiation | CATS_JURISDICTIONAL_RULES |
| Rule | Change Request Status Notification Rules that specify which notifications are generated by MSATS | CATS_NOTIFICATION_RULES |
| Rule | The rules governing the use of Objections | CATS_OBJECTION_RULES |
| Rule | Transaction Field Validation Rules | CATS_TRANS_FIELD_VALIDATION |
| Code | Last Read Quality Flag | CATS_LAST_READ_QUALITY |

Commented [AEMO1]: The naming of Last Read Date and Last Read Quality Flag and associated changes are subject to ASWG submission, change and approval processes. It is important to note that the final naming conventions will become clearer post ASWG approval.

5. MSATS REPORTS

(a) — The following reports are available to 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 |

(b) — MSATS will produce a report using Transaction Type Code RPTD.

6.5. GUIDELINES FOR MANAGING CONCURRENT RETAIL TRANSFERS

6.1.5.1. Definition of concurrent retail transfers

- (a) Concurrent retail transfers are those where there is more than one change of *retailer* for a particular *NMI* at the same time in MSATS.
- (b) There are two types of concurrent retail transfers in MSATS:
 - (i) Type 1 is a concurrent retail transfer where the same FRMP has submitted more than one change of *retailer* Change Request for the one *NMI*; ~~or~~.
 - (ii) Type 2 is a concurrent retail transfer request where more than one FRMP has submitted a change of *retailer* Change Request for one *NMI*.

6.2.5.2. Guidelines

Type 1 Concurrent Retail Transfers

- (a) MSATS will identify the type 1 concurrent retail transfers and the FRMP that has Initiated these Change Requests.
- (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 MSATS.

Type 2 Concurrent Retail Transfers

- (d) MSATS will identify the type 2 concurrent retail transfers and the FRMPs that have Initiated these Change Requests.
- (e) MSATS will 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 to change a *retailer* is Cancelled and notifications will be sent to all the parties related to the Change of Retailer Request as per normal notifications (i.e. FRMP, MDP, MC etc). The reason for the cancellation shall also be provided in the notification.
- (g) The affected FRMPs should determine the reason for the concurrent retail transfers and as necessary proceed to investigate who is the preferred FRMP of the End User consistent with relevant Jurisdictional requirements. The preferred FRMP should then initiate a single valid transfer Change Request.

7.6. CHANGE RETAILER – SMALL OR LARGE NMI

7.1.6.1. Application [1000 ~~1010~~ 1020 1030 1040]

Section 76 applies when one of the following Change Reason Codes applies:

| Change Reason Code | Description |
|--|--|
| 1000 – Change Retailer | The date of transfer is on a: <ul style="list-style-type: none"> - <u>Prospective Day - day as nominated by the new FRMP for an estimated reading or a Special Read, as defined by the Read Type Code.</u> - <u>Retrospective Day – date of the last reading provided in MSATS NMI Discovery.</u> |
| 1010 – Change Retailer – Retrospective Align to Meter Read (SMALL only) | The date of transfer is the date of the last Meter Reading (a Retrospective Day). |
| 1020 – Change Retailer – Retrospective – Long Term/Error (<u>Not SMALL/LARGE only</u>) | The date of transfer could be a date agreed between the Current FRMP and New FRMP (a Retrospective Day) where the actual transfer date was in error. In addition, and in Victoria only, the date of transfer could be a date agreed by the Current FRMP and New FRMP (a Retrospective Day) |
| 1030 – Change Retailer – Move-In | The date of transfer (move-in) is on a Prospective Day. |
| 1040 – Change Retailer – Move-In – Retrospective | The date of transfer (move-in) would be on a Retrospective Day. |

7.2.6.2. Conditions Precedent

- (a) The NMI already exists in MSATS⁶.
- (b) The NMI Classification Code is SMALL or LARGE.
- ~~(b)(c) A change of retailer role can only be initiated by a New FRMP.~~
- ~~(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 MSATS by the New FRMP.~~

7.3. Initiating Roles

~~A change of retailer role can only be initiated by a New FRMP. A New FRMP may initiate a Change Request to effect a change of retailer in accordance with section 7.4.~~

7.4.6.3. FRMP Requirements

The New FRMP ~~must~~:

- ~~(a) mMust obtain the Current FRMP's agreement to retrospectively transfer an End User on a previous Meter Reading (applies to CR1010).~~
- ~~(b) obtain the NMI Checksum.~~
- ~~(c)(a) confirm that the NMI is valid for the connection point.~~

⁶ If it doesn't, the *retailer* should refer to section 10 and seek LNSP action to establish a NMI.



- (b) ~~M~~ must provide the following information within the Change Request: submit a Change Request to initiate the transfer of the End User from which the New FRMP has obtained Explicit Informed Consent and provide the following information with the Change Request:

| | | |
|--------------------|----------------------------|-------------------------------------|
| Change Reason Code | Participant Transaction ID | NMI and NMI Checksum |
| Its Participant ID | Proposed Change Date | New RP ² -Read Type Code |
| Read Type Code | | |

- (c) ~~The New FRMP M~~ may withdraw a change of retailer transaction request at any time prior to the transfer being Completed;
- (e) ~~M~~ must withdraw the transfer request, nominate itself as the New FRMP.
- (d) where the NMI Classification Code is SMALL, if advised by the New MDP or the Current MDP that a Meter Reading cannot be obtained in response to a Read Type Code for SP NSRD or a Special Read Date, and, the New FRMP must either: withdraw the transfer request
- (e) ~~M~~ may, for Change Reason Code 1020, populate the Change Request with:

| | | |
|-----------------|--|--|
| Actual End Date | | |
|-----------------|--|--|

- (d) where the NMI Classification Code is SMALL, if advised by the New MDP or the Current MDP that the NSRD or a Special Read Date is invalid, must either:
 - (i) advise the MDP of a valid date; or
 - (ii) withdraw the transfer request.

The Current FRMP must:

- (e)(f) ~~O~~ n receipt of a request from the New FRMP for an agreement to correct an error and retrospectively transfer on a previous Meter Reading, respond to the request within two business days.

The New FRMP may:

- (f) populate the Change Request with the identity of the following Roles:

| | | |
|-----|-----|--|
| MPB | MPC | |
|-----|-----|--|

or leave this to the New MC to complete.

- (g) for Change Reason Codes 1000, 1020, 1030 and 1040, if the MDP is changing, provide the following additional information:

| | | |
|-----|--|--|
| MDP | | |
|-----|--|--|

- (h)(a) ~~for Change Reason Code 1020~~, populate the Change Request with:

| | | |
|-----------------|--|--|
| Actual End Date | | |
|-----------------|--|--|

- (i) for Retrospective Changes, nominate a Proposed Change Date. The limits for Retrospective Change dates are provided in section 7.7; and
- (j) withdraw a change of *retailer* transaction request at any time until the transfer is Completed.

7.5.6.4. MDP Requirements

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) Where the Read Type Code is SP:
 - (a) —
 - (i) 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 within two days of the Meter Reading; or-
 - (ii) where the MDP has failed to take a Meter Reading on the proposed Special Read Date, the MDP must advise the New FRMP of the failure within two business days of the proposed Special Read Date.
 - (c) Where the Read Type Code is RR, once the transfer has been completed, if the transfer requires an Estimated Reading, prepare the Estimated Reading and submit this to MSATS as the Meter Reading related to the Actual Change Date.

If the NMI Classification Code 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 agree on the Actual Change Date.
 - (b) For Prospective Changes that do not require a Meter Reading, provide the Actual Change Date within 2 days of the Actual Change Date.
 - (c) For changes that require a Meter Reading, provide the Actual Change Date within 2 days of the Meter Reading.
 - (d) For Retrospective Changes, where the Jurisdictional 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 timeframe for a Change Reason Code is 10 days, 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.
 - (e) Where the NMI Classification Code is SMALL and the Read Type Code requires the NSRD or the Special Read Date, forward the Meter Reading taken at this time to the Current FRMP, New FRMP, Current LR and Current LNSP.
 - (f) Where the NMI Classification Code is SMALL:
 - (i) the MDP must Object to the Change Request if the NSRD nominated by the New FRMP is not within two *business days* prior to, or two *business days* after, the NSRD, or the date nominated by the New FRMP for the Retrospective Change does not correspond to an Actual Meter Read Date.
 - (ii) the MDP must advise the New FRMP of the failure to take a Meter Reading within 2 days and await instructions if the next Scheduled Meter Reading or Special Meter Reading does not occur within three *business days* before, or two *business days* after, the NSRD or Special Read Date (as applicable).
 - (iii) if the Read Type Code requires an Estimated Reading, prepare the Estimated Reading and submit this to MSATS as the Meter Reading related to the Actual Change Date (not for a Retrospective Change).

- (iv) — the MDP must notify the New FRMP where the Read Type Code is not aligned with the method of Meter Reading that can reasonably be facilitated at the *metering installation* and is inconsistent with the Metering Installation Type Code.
- (v) — for Retrospective Changes on receipt of a Data Request for an Actual Change Date, provide the Actual Change Date within 2 days of receipt of the Data Request.
- (vi) — if requested by the New FRMP and allowed in that Jurisdiction, carry out an Actual Meter Reading within the time periods specified in the relevant *metrology procedure*.
- (g) — Where the NMI Classification Code 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.
- (h) — Where the NMI Classification Code is LARGE, for Retrospective Changes that do not require a Meter Reading, provide the Actual Change Date within 2 days of receipt of the Data Request.

7.6. MC Requirements

The MC must ensure MDP, MPC and MPB roles are correct and if not raise appropriate Change Request to update it. Refer to section 30 to 37 for Change Request types for Role Changes.

7.7.6.5. Timeframe Rules

When preparing a Change Request the New FRMP must choose, for the identified Change Reason Codes, a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 76-A.

Table 76-A – Timeframe Rules

| <u>CR 1000 – Change Retailer</u> | | | |
|--|--|---|---|
| <u>Objection Logging Period</u> <i>(business days)</i> | <u>Objection Clearing Period</u> <i>(business days)</i> | <u>Retrospective Period</u> <i>(business days)</i> | <u>Prospective Period</u> <i>(business days)</i> |
| 0 | 0 | 15 | 65 |
| <u>CR 1000 – Change Retailer</u> | | | |
| CR 1030 – Change Retailer – Move-In | | | |
| <u>Objection Logging Period</u> <i>(business days)</i> | <u>Objection Clearing Period</u> <i>(business days)</i> | <u>Retrospective Period</u> <i>(business days)</i> | <u>Prospective Period</u> <i>(business days)</i> |
| 0 | 200 | 0 | 65 |
| <u>CR 1010 – Change Retailer – Retrospective Align to Meter Read</u> | | | |
| CR 1040 – Change Retailer – Move-In – Retrospective | | | |
| <u>Objection Logging Period</u> <i>(business days)</i> | <u>Objection Clearing Period</u> <i>(business days)</i> | <u>Retrospective Period</u> <i>(business days)</i> | <u>Prospective Period</u> <i>(business days)</i> |
| 1 | 20 | 15 | 0 |
| <u>CR 1020 – Change Retailer-Retrospective – Long Term/Error (not SMALL)</u> | | | |
| <u>Objection Logging Period</u> <i>(business days)</i> | <u>Objection Clearing Period</u> <i>(business days)</i> | <u>Retrospective Period</u> <i>(business days)</i> | <u>Prospective Period</u> <i>(business days)</i> |
| 1 | 20 | 130 | 0 |

7.8.6.6. Objection Rules

The 'Yes' Roles specified in Table 76-B may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 76-A.



Table 74-B – Objection Rules²⁴

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

CR-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 | | | - | - | | - | - | |
| BADPARTY | SMALL | ALL | - | - | - | - | - | - | - | - | - | - | Yes | - | - | - |
| DECLINED | SMALL | ALL | - | - | - | - | Yes | - | - | - | - | - | Yes | - | - | - |
| NOTAPRD | SMALL | ALL | - | - | - | - | - | - | - | - | - | - | - | - | - | Yes |
| DATEBAD | SMALL | ALL | - | - | - | - | Yes | Yes | - | - | - | - | - | - | - | - |
| DEBT | SMALL | | - | Yes | - | - | - | - | - | - | - | - | - | - | - | - |
| | | VIC | | | | | | | | | | | | | | |
| RETRO | SMALL | ALL | - | Yes | - | - | - | - | - | - | - | - | - | - | - | - |

CR 1020 – Change Retailer – Retrospective - 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 | - | - | - | - | | - | - | |
| BADPARTY | LARGE | ALL | - | - | - | - | - | - | - | - | - | - | Yes | - | - | - |
| DECLINED | LARGE | ALL | - | - | - | - | Yes | - | - | - | - | - | Yes | - | - | - |
| NOTAPRD | LARGE | ALL | - | - | - | - | - | - | - | - | - | - | - | - | - | Yes |
| DATEBAD | LARGE | ALL | - | - | - | - | Yes | Yes | - | - | - | - | - | - | - | - |
| RETRO | LARGE | ALL | - | Yes | - | - | - | - | - | - | - | - | - | - | - | - |
| DEBT | | | | | - | - | - | - | - | - | - | - | - | - | - | - |
| CONTRACT | | | | | - | - | - | - | - | - | - | - | - | - | - | - |
| | LARGE | ALL | - | - | - | - | - | - | - | - | - | - | - | Yes | - | - |

CR 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 | | | - | - | | - | - | |
| BADPARTY | ALL | ALL | - | - | - | - | - | - | - | - | - | - | Yes | - | - | - |
| DECLINED | ALL | ALL | - | - | - | - | Yes | - | - | - | - | - | Yes | - | - | - |

| Objection Code | NMI Class | Jur'n | FRMP | | LR | | MDP | | MPB | | RoLR | | RP | | LNSP | |
|---------------------|------------------|----------------|------|---|----|---|-----|-----|-----|---|------|---|----|-----|------|-----|
| | | | N | C | N | C | N | C | N | C | N | C | N | C | N | C |
| NOTAPRD | ALL | ALL | - | - | - | - | - | - | - | - | - | - | - | - | - | Yes |
| NOACC | SMALL | ALL | - | - | - | - | Yes | Yes | - | - | - | - | - | - | - | - |
| CONTRACT | LARGE | ALL | - | - | - | - | - | - | - | - | - | - | - | Yes | - | - |

CR 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 | - | - | - | - | - | - | - | - |
| BADPARTY | ALL | ALL | - | - | - | - | - | - | - | - | - | - | Yes | - | - | - |
| DECLINED | ALL | ALL | - | - | - | - | Yes | - | - | - | - | Yes | - | - | - | - |
| NOTAPRD | ALL | ALL | - | - | - | - | - | - | - | - | - | - | - | - | - | Yes |
| DATEBAD | ALL | ALL | - | - | - | - | Yes | Yes | - | - | - | - | - | - | - | - |
| NOACC | SMALL | ALL | - | - | - | - | Yes | Yes | - | - | - | - | - | - | - | - |
| CONTRACT | LARGE | ALL | - | - | - | - | - | - | - | - | - | - | Yes | - | - | - |

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

7.9.6.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section [7.16.1](#) are specified in Table [76-C](#).

Table [76-C](#) – Change Request Status Notification Rules

CR 1000 – Change Retailer

~~CR 1010 – Change Retailer – Retrospective Align to Meter Read~~

CR 1030 – Change Retailer – Move-In

CR 1040 – Change Retailer – Move-In – Retrospective

PARTICIPANT ROLE – Receives Notification of Change

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

CR 1020 – Change Retailer – Retrospective – Long Term/Error (not SMALL)

PARTICIPANT ROLE – Receives Notification of Change

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



| Status Change | FRMP | | LR | | LNSP | | MDP | | MPB | | RoLR | | RP | |
|---------------|------|-----|----|---|------|-----|-----|-----|-----|---|------|---|-----|-----|
| | N | C | N | C | N | C | N | C | N | C | N | C | N | C |
| 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. REVERSE CHANGE REQUEST

7.1. Application 1060, 1061

Section 7 applies when one of the following Change Reason Codes applies:

| <u>Change Reason Code</u> | <u>Description</u> |
|---|--|
| <u>1060 – Reverse Retailer – Cooling Off</u> | <u>The reversal of a transfer where the End User has enacted their right to cool off.</u> |
| <u>1061 – Reverse Retailer – Debt Objection</u> | <u>The reversal of a transfer where the previous FRMP wishes to retain a customer based on Certified Debt.</u> |

7.2. Conditions Precedent

- (a) The NMI already exists in MSATS.
- (b) The NMI Classification Code is SMALL.
- (c) For CR1060:
 - (i) an existing retail transfer has completed prior to the cooling off period ending; and-
 - (ii) the reversal must be able to be processed before the cooling off period ends.
- (d) For CR1061:
 - (i) the Jurisdiction is VICTORIA; and-
 - (ii) an existing retail transfer has completed within one business day.

7.3. Initiating Roles

A reversal of retailer role can only be initiated:

- (a) For a CR1060 by a Current FRMP.
- (b) For a CR1061 by the most recent previous FRMP.

7.4. FRMP Requirements

The initiating FRMP:

- (a) Must confirm that the NMI is valid for the connection point.
- (b) Must provide the following information with the Change Request:

| | | |
|---|-----------------------------------|----------------------------------|
| <u>Change Reason Code</u> | <u>Participant transaction ID</u> | <u>NMI and NMI Checksum</u> |
| <u>The Previous FRMP Participant ID</u> | <u>Proposed Change Date</u> | <u>Related Change Request ID</u> |
| <u>Read Type Code</u> | | |

- (c) May withdraw a reversal of retailer transaction request at any time prior to the reversal being Completed.

7.5. Timeframe Rules

- (a) When preparing a Change Request the initiating FRMP must ensure the Actual Change Date in the previously Completed Change Request is not greater than the period shown in Table 7-A.

Table 7-A – Timeframe Rules

| CR 1060 – Reverse Retailer – Cooling Off | | | |
|---|--|---|---------------------------------------|
| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
| 0 | 0 | 10 | 0 |
| CR 1061 – Reverse Retailer – Debt Objection | | | |
| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
| 0 | 0 | 1 | 0 |

7.6. Objection Rules

Objections are not permitted.

7.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in Section 7 are specified in Table 7-B and Table 7-C.

Table 7-B – Change Request Status Notification Rules**

CR 1060 – Reverse Retailer – Cooling Off

PARTICIPANT ROLE – Receives Notification of Change

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

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



Table 7-C – Change Request Status Notification Rules**

CR1061 – Reverse Retailer – Debt Objection

PARTICIPANT ROLE – Receives Notification of Change

| <u>Status Change</u> | <u>FRMP</u> | | <u>LR</u> | | <u>LNSP</u> | | <u>MDP</u> | | <u>MPB</u> | | <u>RoLR</u> | | <u>RP</u> | |
|----------------------|-------------|----------|-----------|----------|-------------|----------|------------|----------|------------|----------|-------------|----------|-----------|----------|
| | <u>N</u> | <u>C</u> | <u>N</u> | <u>C</u> | <u>N</u> | <u>C</u> | <u>N</u> | <u>C</u> | <u>N</u> | <u>C</u> | <u>N</u> | <u>C</u> | <u>N</u> | <u>C</u> |
| <u>CANCELLED</u> | Yes | = | = | = | = | = | = | = | = | = | = | = | = | = |
| <u>COMPLETED</u> | Yes | Yes | = | = | = | Yes | = | Yes | = | Yes | = | = | = | Yes |
| <u>OBJECTED</u> | = | = | = | = | = | = | = | = | = | = | = | = | = | = |
| <u>PENDING</u> | Yes | = | = | = | = | = | = | = | = | = | = | = | = | = |
| <u>REJECTED</u> | Yes | = | = | = | = | = | = | = | = | = | = | = | = | = |
| <u>REQUESTED</u> | Yes | = | = | = | = | = | = | = | = | = | = | = | = | = |

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

8. CHANGE RETAILER – ERROR CORRECTIONS – SMALL NMIS

8.1. Application [1021 ~~1022~~ 1023 1024 1025 ~~1026~~ ~~1027~~ ~~1028~~ 1029]

Please note that the appropriate Change Request for a LARGE NMI is CR 1020 – Change Retailer – Retrospective – Long Term/Error (not SMALL⁸). More information about this Change Request is provided in Section 7.6.

Section 8 applies to the following Change Reason Codes:

| Change Reason Code | Description |
|--|--|
| 1021 – Error Correction – Missed CR1500 | Used where the proposed transfer date has been missed due to the MDP not being able to provide a corresponding Actual Change Date on the original Change Request (CR 1000, 1010, 1030 or 1040). |
| 1022 – Incorrect transfer date | Used where the MDP supplies an incorrect Actual Change Date and the original Change Request (CR 1000, 1010, 1030 or 1040) was Completed on the incorrect date. |
| 1023 – New NMI – Update/Correct FRMP on Greenfield Site | Used where the LNSP has nominated an incorrect retailer on a newly created NMI or a FRMP other than the FRMP who requested the Allocate NMI requests the supply to be connected. |
| 1024 – Transfer missed | Used where the New Retailer failed to initiate the transfer in time. Acceptable reasons for the use of this code are: <ul style="list-style-type: none"> 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 Site, with or without End User notification (End User request to <i>retailer</i>.) |
| 1025 – Transferred in Error | Used where the Current FRMP transferred the NMI in error and requests the New Retailer to transfer it back. A wrong NMI was selected by the Current FRMP to transfer. |
| 1026 – Cooled Off | Used where an End User signs a contract with a New Retailer. The End User then cancels the request within the Cooling-Off Period. New Retailer fails to withdraw the transfer request (transfer Pending) or was unable to do so (transfer Completed). |
| 1027 – Customer Moves Out on or before CR completion date | Used where an End User signs a contract with a New Retailer but moves out on or before the Change Request completion date (transfer date). |
| 1028 – Non-account holder signs contract | Used where a person other than the End User at a Site signs a contract with a New Retailer. The End User for the Site then discovers this and does not wish to transfer. |
| 1029 – Other Error Corrections (SMALL only) | Used to correct errors caused by Participant process or systems issues; for example, late processing of contractual paperwork by initiating Participant. These may be reasons other than those covered by CR 1021 – 1028. |

8.2. Conditions Precedent

- (a) The NMI exists in MSATS.⁹

⁸ Please note that “not SMALL” refers to LARGE, WHOLESAL, INTERCON, GENERATR or SAMPLE NMIs.

⁹ If the NMI does not already exist in MSATS, the *retailer* should refer to section 10 “Create a NMI” and seek LNSP action to establish the NMI.

- (b) The NMI Classification Code is SMALL. This section applies to the *metering installations* types 4, 4A, 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 MSATS by the New FRMP.

8.3. Initiating Roles

A New FRMP may initiate a Change Request to effect a change of *retailer* in accordance with section 8.4.

8.4. FRMP Requirements

The New FRMP must:

- (a) Obtain the NMI Checksum.
- (b) Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- (c) Submit a Change Request to initiate the transfer of the End User from which the New FRMP has obtained Explicit Informed Consent.
- (d) Confirm that the *NMI* is a greenfield site and has never had a *metering installation* installed at the *connection point*. (applies to CR1023).
- (e) Populate the Change Request with the following information:

| | | |
|--------------------|----------------------------|-----------------------------|
| Change Reason Code | Participant Transaction ID | <i>NMI</i> and NMI Checksum |
| Its Participant ID | Proposed Change Date | Read Type Code |

- (f) Nominate itself as the New FRMP.

The New FRMP may:

~~(g) — Populate the Change Request with the identity of the following Roles:~~

| | | |
|----------------|----------------|----------------|
| RP | MPB | MPC |
| MDP | | |

~~or leave this action to the New MC to complete.~~

~~(h)(g)~~ Populate the Change Request with:

| | | |
|-----------------|--|--|
| Actual End Date | | |
|-----------------|--|--|

~~(h)~~ For Retrospective Changes, nominate a Proposed Change Date in accordance with the Timeframe Rules.

~~(i)~~ Withdraw a change of *retailer* transaction request at any time until the transfer is completed.

8.5. MDP Requirements

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

8.6. MC Requirements

The MC must ensure MDP, MPC and MPB roles are correct and if not raise appropriate Change Request to update. Refer to section 30 to 37 for Change Request types for Role Changes.

8.7. Timeframe Rules

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

Table 8-A – Timeframe Rules

CR 1021 – Error correction – Missed CR1500

~~CR 1022 – Incorrect transfer date~~

CR 1023 – New NMI – Update/Correct FRMP on Greenfield Site

CR 1024 – Transfer missed

CR 1025 – Transferred in error

~~CR 1026 – Cooled-Off~~

~~CR 1027 – Customer moves out on or before CR completion date~~

~~CR 1028 – Non-account holder signs contract~~

CR 1029 – Other error corrections (SMALL only)

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

8.8. Objection Rules

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

Table 8-B – Objection Rules

CR 1021 – Error Correction – Missed CR1500

~~CR 1022 – Incorrect transfer date~~

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

CR 1023 – New NMI – Update/Correct FRMP on Greenfield Site

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

| 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 | SMALL | ALL | - | - | - | - | Yes | - | - | - | - | - | - | Yes | - | - |
| NOTAPRD | SMALL | ALL | - | - | - | - | - | - | - | - | - | - | - | - | - | Yes |
| CRCODE | SMALL | ALL | - | Yes | - | - | - | - | - | - | - | - | - | - | - | - |
| BADDATA | SMALL | ALL | - | - | - | - | - | - | - | - | - | - | - | Yes | - | - |

CR 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 |
| BADMETER | SMALL | ALL | = | = | = | = | Yes | Yes | = | = | = | = | = | = | = | = |
| DATEBAD | SMALL | ALL | - | Yes | - | - | Yes | Yes | - | - | - | - | - | - | - | - |
| DECLINED | SMALL | ALL | - | - | - | - | Yes | - | - | - | - | - | Yes | - | - | - |
| NOTAPRD | SMALL | ALL | - | - | - | - | - | - | - | - | - | - | - | - | - | Yes |
| CRCODE | SMALL | ALL | - | Yes | - | - | - | - | - | - | - | - | - | - | - | - |
| NOTAWARE | SMALL | ALL | - | Yes | - | - | - | - | - | - | - | - | - | - | - | - |
| DEBT | SMALL | VIC | - | Yes | - | - | - | - | - | - | - | - | - | - | - | - |

CR 1025 – Transferred in Error

CR 1026 – Cooled Off

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

CR 1028 – Non-account holder signs contract

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

CR 1029 – Other Error Corrections (SMALL only)

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

| 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 | ALL | - | - | - | - | - | - | - | - | - | - | - | Yes | Yes | - | - |
| DEBT | SMALL | VIC | - | Yes | - | - | - | - | - | - | - | - | - | - | - | - | - |

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

8.9. Change Request Status Notification Rules

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

Table 8-C – Change Request Status Notification Rules¹⁷

CR 1021 – Error Correction – Missed CR1500

~~CR 1022 – Incorrect transfer date~~

CR 1023 – New NMI – Update/Correct FRMP on Greenfield Site

CR 1024 – Transfer missed

CR 1025 – Transferred in Error

~~CR 1026 – Cooled Off~~

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

~~CR 1028 – Non-account holder signs contract~~

CR 1029 – Other Error Corrections (SMALL only)

PARTICIPANT ROLE – Receives Notification of Change

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

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

9. CHANGE RETAILER – EMBEDDED NETWORKS – SMALL OR LARGE

9.1. Application [1080 1081 1082 1083 1084]

Section 9 applies when one of the following Change Reason Codes applies:

| Change Reason Code | Comment |
|---|---|
| 1080 – Change Retailer – Child NMI | The date of transfer is a Prospective Change. |
| 1081 – Change Retailer – Child NMI – Retrospective Align Meter Read | The date of transfer would be the date of the last Meter Reading (a Retrospective Change). |
| 1082 – Change Retailer Child – Retrospective: Long Term/Error | The date of transfer could be a date agreed by the current and New FRMP (a Retrospective Change) where the actual transfer date was in error. In addition, and for Victoria only, the date of transfer could be a date agreed by the Current FRMP and New FRMP (a Retrospective Change) to which both parties agree that the transfer should have been effected. |
| 1083 – Change Retailer Child NMI – Move-In | The date of transfer (move-in) would be on a Prospective Day. |
| 1084 – Change Retailer Child NMI – Move-In – Retrospective | The date of transfer (move-in) would be a Retrospective Day. |

9.2. Conditions Precedent

- (a) — The *NMI* exists in MSATS.⁴⁰
- (b) — The NMI Classification Code is SMALL or LARGE.
- (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 MSATS by the New FRMP.

9.3. Initiating Roles

A New FRMP may initiate a Change Request to effect a change of *retailer* in accordance with section 9.4.

9.4. FRMP Requirements

The New FRMP must:

- (a) — Obtain agreement from the Current FRMP to retrospectively transfer an End User on a previous Meter Reading (applies to CR1081).
- (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 initiate the transfer of the End User for which the New FRMP has obtained an Explicit Informed Consent.
- (e) — Populate the Change Request with the following information:

⁴⁰

| | | |
|--------------------|----------------------------|----------------------|
| Change Reason Code | Participant Transaction ID | NMI and NMI Checksum |
| Its Participant ID | Proposed Change Date | New RP ⁴¹ |
| Read Type Code | | |

(f) — Nominate itself as the New FRMP.

(g) — Where the NMI Classification Code is SMALL, if advised by the New MDP or Current MDP that a Meter Reading cannot be obtained in response to a Read Type Code for NSRD or a Special Read Date, must either:

(i) — Withdraw the transfer request; or

(ii) — Advise the MDP to read the meter on the NSRD or propose a Special Read Date.

(h) — Where the NMI Classification Code is SMALL, if advised by the New MDP or Current MDP that the NSRD or a Special Read Date is invalid, must either:

(i) — Advise the MDP of a valid date; or

(ii) — Withdraw the transfer request.

The Current FRMP must:

(i) — on receipt of a request from the New FRMP for an agreement to retrospectively transfer on a previous Meter Reading, respond to the request within 2 *business days*.

The New FRMP may:

(j) — Populate the Change Request with the identity of the following Roles:

| | | |
|-----|-----|--|
| MPB | MPC | |
|-----|-----|--|

or leave this action to the New MC to complete.

(k) — For Change Reason Codes 1080, 1081, 1082, 1083 and 1084, if the MDP is changing, populate the Change Request with the following additional information:

| | | |
|-----|--|--|
| MDP | | |
|-----|--|--|

(l) — For Change Reason Code 1082, populate the Change Request with:

| | | |
|-----------------|--|--|
| Actual End Date | | |
|-----------------|--|--|

(m) — Nominate, in accordance with paragraph (e), a Proposed Change Date. The time limits for Retrospective Changes are provided in section 9.7.

(n) — Withdraw a change of *retailer* transaction request at any time until the transfer is Completed.

9.5. MDP Requirements

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.

(c) — Where the NMI Classification Code 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.

⁴¹ If it doesn't, the retailer should refer to section 12 and seek ENM action to establish the *NMI*.

- (d) 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.
- (e) For Prospective Changes that do not require a Meter Reading, provide the Actual Change Date within 2 days of the Actual Change Date being reached.
- (f) For Retrospective Changes that do not require a Meter Reading, provide the Actual Change Date within 2 days of receipt of the Data Request.
- (g) 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 timeframe for a Change Reason Code is 10 days, 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.
- (h) For changes that require a Meter Reading, provide the Actual Change Date within 2 days of the Meter Reading.
- (i) Where the NMI Classification Code is SMALL, where the Read Type Code requires the NSRD or the Special Read Date, forward the Meter Reading taken at this time to the Current FRMP, New FRMP, Current LR.
- (j) Where the NMI Classification Code is SMALL, if the NSRD or Special Read Date nominated by the New FRMP as the proposed date is not within a date range that is two *business days* prior to or two *business days* subsequent to the Scheduled Reading Date, or the date nominated by the New FRMP for the Retrospective Change does not correspond to a read date, the MDP must Object to the Change Request.
- (k) Where the NMI Classification Code is SMALL, if the next Scheduled Meter Reading or Special Meter Reading does not occur within a date range that is three *business days* before or two *business days* after the Special Read Date or NSRD the MDP must advise the New FRMP of the failure to take a Meter Reading within 2 *days* and await instructions from the FRMP.
- (l) Where the NMI Classification Code is SMALL, if the Read Type Code requires an Estimated Reading, prepare the Estimated Reading and submit this to MSATS as the Actual Change Date.
- (m) Where the NMI Classification Code is SMALL, if the Read Type Code requires an End User Meter Reading, obtain it from the New FRMP and submit this value to MSATS as the Actual Change Date (only if allowed by the Jurisdiction).
- (n) If the NMI Classification Code is SMALL, for Retrospective Changes, where the Meter Reading occurred prior the Change Request being submitted, provide the Actual Change Date 2 days of receipt of the Data Request.
- (o) If the NMI Classification Code is SMALL, if requested by the New FRMP, carry out an Actual Meter Reading within the time periods specified in the *metrology procedure* (only if allowed by the Jurisdiction).

9.6. MC Requirements

The MC must ensure MDP, MPC and MPB roles are correct and if not raise appropriate Change Request to update. Refer to section 30 to 37 for Change Request types for Role Changes.

9.7. Timeframe Rules

When preparing a Change Request, the New FRMP must choose, for the identified Change Reason Codes, a Proposed Change Date that lies between the Prospective Period and the Retrospective Period, as shown in Table 9-A.

Table 9-A – Timeframe Rules

CR-1080 – Change Retailer – Child NMI

| Jurisdiction | Objection-Logging Period (business-days) | Objection-Clearing-Period (business-days) | Retrospective-Period (business-days) | Prospective-Period (business-days) |
|--------------|---|--|---|---------------------------------------|
| ALL | 1 | 20 | 0 | 65 |

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

| Jurisdiction | Objection-Logging Period (business-days) | Objection-Clearing Period (business-days) | Retrospective-Period (business-days) | Prospective-Period (business-days) |
|--------------|---|--|---|---------------------------------------|
| ALL** | 1 | 20 | 10 | 0 |

CR-1082 – Change Retailer Child – Retrospective: Long-Term/Error

| Jurisdiction | Objection-Logging Period (business-days) | | Objection-Clearing-Period (business-days) | | Retrospective-Period (business-days) | Prospective-Period (business-days) |
|--------------|---|--------------|--|-----------|---|---------------------------------------|
| | SMALL NMI | LARGE NMI | SMALL-NMI | LARGE-NMI | | |
| ALL | 1 | | 20 | | 130 | 0 |
| ACT | | 1 | | 10 | 130 | 0 |
| NSW | | 1 | | 10 | 130 | 0 |
| VIC | | 1 | | 20 | 130 | 0 |
| QLD | | 1 | | 20 | 130 | 0 |
| SA | | 1 | | 20 | 130 | 0 |

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

| Jurisdiction | Objection-Logging-Period (business-days) | Objection-Clearing Period (business-days) | Retrospective-Period (business-days) | Prospective-Period (business-days) |
|--------------|---|--|---|---------------------------------------|
| ALL | 1 | 20 | 0 | 65 |

CR-1084 – Change Retailer Child NMI – Move-In – Retrospective

| Jurisdiction | Objection-Logging Period (business-days) | Objection-Clearing-Period (business-days) | Retrospective-Period (business-days) | Prospective-Period (business-days) |
|--------------|---|--|---|---------------------------------------|
| ALL | 1 | 20 | 10 | 0 |

9.8. Objection Rules

The 'Yes' Roles specified in Table 9-B may Object using the Objection Codes indicated against their Roles within the Objection-Logging-Period specified in Table 9-A.

Table 9-B – Objection Rules**

CR-1080 – Change Retailer – Child NMI

| Objection Code | NMI Class | Jur'n | FRMP | | LR | | MDP | | MPB | | RoLR | | RP | | LNSP | |
|-------------------|--------------|-------|------|---|----|-----|-----|-----|-----|---|------|---|-----|---|------|---|
| | | | N | € | N | € | N | € | N | € | N | € | N | € | N | € |
| BADMETER | ALL | ALL | - | - | - | - | Yes | Yes | - | - | - | - | - | - | - | - |
| NOTAPRD | ALL | ALL | - | - | - | Yes | - | - | - | - | - | - | - | - | - | - |
| BADPARTY | ALL | ALL | - | - | - | - | - | - | - | - | - | - | Yes | - | - | - |



| Objection Code | NMI Class | Jur'n | FRMP | | LR | | MDP | | MPB | | RoLR | | RP | | LNSP | |
|----------------|-----------|-------|------|-----|----|---|-----|-----|-----|---|------|---|-----|-----|------|---|
| | | | N | € | N | € | N | € | N | € | N | € | N | € | N | € |
| DECLINED | ALL | ALL | - | - | - | - | Yes | - | - | - | - | - | Yes | - | - | - |
| | LARGE | NSW | | | | | | | | | | | Yes | | | |
| NOACC | SMALL | ALL | - | - | - | - | Yes | Yes | - | - | - | - | - | - | - | - |
| DEBT | SMALL | VIC | - | Yes | - | - | - | - | - | - | - | - | - | - | - | - |
| CONTRACT | LARGE | ALL | - | - | - | - | - | - | - | - | - | - | - | Yes | - | - |

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

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

CR-1082 – Change Retailer Child – Retrospective: Long Term/Error

| Objection Code | NMI Class | Jur'n | FRMP | | LR | | MDP | | MPB | | RoLR | | RP | | LNSP | |
|----------------|-----------|------------------|------|-----|----|-----|-----|-----|-----|---|------|---|-----|-----|------|---|
| | | | N | € | N | € | N | € | N | € | N | € | N | € | N | € |
| DATEBAD | ALL | ALL | - | - | - | - | Yes | Yes | - | - | - | - | - | - | - | - |
| BADMETER | ALL | ALL | - | - | - | - | Yes | Yes | | | - | - | | - | - | - |
| BADPARTY | ALL | ALL | - | - | - | - | - | - | - | - | - | - | Yes | - | - | - |
| DECLINED | ALL | ALL | - | - | - | - | Yes | - | - | - | - | - | Yes | - | - | - |
| NOTAPRD | ALL | ALL | - | - | - | Yes | - | - | - | - | - | - | - | - | - | - |
| DEBT | SMALL | VIC | - | Yes | - | - | - | - | - | - | - | - | - | - | - | - |
| RETRO | SMALL | NSW SA VIC | - | Yes | - | - | - | - | - | - | - | - | - | - | - | - |
| CONTRACT | LARGE | ALL | - | - | - | - | - | - | - | - | - | - | - | Yes | - | - |

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

| Objection Code | NMI Class | Jur'n | FRMP | | LR | | MDP | | MPB | | RoLR | | RP | | LNSP | |
|----------------|-----------|-------|------|---|----|-----|-----|-----|-----|---|------|---|-----|-----|------|---|
| | | | N | € | N | € | N | € | N | € | N | € | N | € | N | € |
| BADMETER | ALL | ALL | - | - | - | - | Yes | Yes | | | - | - | | - | - | - |
| BADPARTY | ALL | ALL | - | - | - | - | - | - | - | - | - | - | Yes | - | - | - |
| DECLINED | ALL | ALL | - | - | - | - | Yes | - | - | - | - | - | Yes | - | - | - |
| NOTAPRD | ALL | ALL | - | - | - | Yes | - | - | - | - | - | - | - | - | - | - |
| NOACC | SMALL | ALL | - | - | - | - | Yes | Yes | - | - | - | - | - | - | - | - |
| CONTRACT | LARGE | ALL | - | - | - | - | - | - | - | - | - | - | - | Yes | - | - |

CR-1084 – Change Retailer Child NMI – Move-In – Retrospective

| Objection Code | NMI Class | Jur'n | FRMP | | LR | | MDP | | MPB | | RoLR | | RP | | LNSP | |
|----------------|-----------|-------|------|---|----|-----|-----|-----|-----|---|------|---|-----|-----|------|---|
| | | | N | € | N | € | N | € | N | € | N | € | N | € | N | € |
| BADMETER | ALL | ALL | - | - | - | - | 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 | - | - | - | - | - | - | - | - |
| CONTRACT | LARGE | ALL | - | - | - | - | - | - | - | - | - | - | - | Yes | - | - |

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

9.9. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 9.1 are specified in Table 9-C.

Table 9-C – Change Request Status Notification Rules^{##}

CR-1080 – Change Retailer – Child NMI

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

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

CR-1084 – Change Retailer Child NMI – Move-In – Retrospective

PARTICIPANT ROLE – Receives Notification of Change

| Status Change | FRMP | | LR | | LNSP | | MDP | | MPB | | RoLR | | RP | |
|---------------|------|-----|----|---|------|-----|-----|-----|-----|-----|------|---|-----|-----|
| | N | € | N | € | N | € | N | € | N | € | N | € | N | € |
| 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 |

CR-1082 – Change Retailer Child – Retrospective: Long Term/Error

PARTICIPANT ROLE – Receives Notification of Change

| Status Change | FRMP | | LR | | LNSP | | MDP | | MPB | | RoLR | | RP | |
|---------------|------|-----|----|---|------|-----|-----|-----|-----|-----|------|---|-----|-----|
| | N | € | N | € | N | € | N | € | N | € | N | € | N | € |
| 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

10.9. PROVIDE DATA – PROVIDE ACTUAL CHANGE DATE – SMALL OR LARGE

10.1.9.1. Application [1500]

Section 10.9 applies to the following Change Reason Code:

| Change Reason Code | Comment |
|---|--|
| 1500 – Provide Actual Change Date (MDP) | The MDP is required to provide MSATS with the Actual Change Date following the Initiation of a Change Request by a FRMP or MC requiring an Actual Change Date. |

10.2.9.2. Conditions Precedent

- The *NMI* exists in MSATS.
- The FRMP or the MC has Initiated a Change Request requiring an Actual Change Date.
- The NMI Classification Code is SMALL or LARGE.
- The MDP has received a Data Request for the provision of the Actual Change Date.

10.3.9.3. Initiating Roles

The MDP may initiate a Change Request to submit an Actual Change Date to MSATS in accordance with section 9.4.

10.4.9.4. MDP Requirements

The MDP must:

- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- 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 Change, it must be provided within 2 days of notification.
- Populate a Change Request with the following information:

| | | |
|--------------------|----------------------------|-----------------------------|
| Change Reason Code | Participant Transaction ID | <i>NMI</i> and NMI Checksum |
| Its Participant ID | Actual Change Date | Related Change Request ID |
| MDP | | |

10.5.9.5. Timeframe Rules

When preparing a Change Request, the MDP must choose a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 10.9-A.

Table 10.9-A – Timeframe Rules

CR 1500 – Provide Actual Change Date (MDP)

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 20 | 0 |

10.6.9.6. Objection Rules

Objections are not permitted.

10.7.9.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 10.19.1 are specified in Table 109-B.

Table 109-B – Change Request Status Notification Rules**

CR 1500 – Provide Actual Change Date (MDP)

PARTICIPANT ROLE – Receives Notification of Change

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

** N = New Role, C = Current Role

11.10. CREATE NMI – CREATE A NMI – SMALL OR LARGE

11.1.10.1. Application [2000 2001]

Section 140 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|---|--|
| 2000 – Create NMI Details | Used where the New LNSP establishes the initial set of information in MSATS about a <i>connection point</i> to apply from a Prospective Day. |
| 2001 – Create NMI Details – Retrospective | Used where the New LNSP establishes the initial set of information in MSATS about a <i>connection point</i> to apply from a Retrospective Day. |

11.2.10.2. Conditions Precedent

- The *NMI* does not exist in MSATS.
- The NMI Classification Code is SMALL or LARGE.

11.3.10.3. Initiating Roles

A New LNSP may initiate a Change Request to create a *NMI* record in MSATS in accordance with section 10.4.

11.4.10.4. LNSP Requirements

The New LNSP must:

- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate a Change Request with the following information:

| | | |
|---------------------|----------------------------|-----------------------------|
| Change Reason Code | Participant Transaction ID | <i>NMI</i> and NMI Checksum |
| Its 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 | |

- Nominate itself as the New LNSP.
- Populate the 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 populate the Change Request with the following information:

| | | |
|-------------------------|---------------|--------------|
| Parent Name | Building Name | Feeder Class |
| Customer Threshold Code | | |

11.5.10.5. MPB Requirements

On receipt of the Change Request Status notification for the Completed status, the New MPB must provide the Metering Installation Type Code to MSATS when known, using Change Reason Code 3000 or 3001.

11.6.10.6. Timeframe Rules

When preparing a Change Request, the New LNSP must choose, for the identified Change Reason Codes, a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 101-A.

Table 101-A – Timeframe Rules

CR 2000 – Create NMI Details

| Objection Logging Period (business days) | | Objection Clearing Period (business days) | | Retrospective Period (business days) | Prospective Period (business days) |
|---|-----------|--|-----------|---|---------------------------------------|
| SMALL NMI | LARGE NMI | SMALL NMI | LARGE NMI | | |
| 1 | 1 | 10 | 20 | 0 | 65 |

CR 2001 – Create NMI Details – Retrospective

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 1 | 10 | 130 | 0 |

11.7.10.7. Objection Rules

The 'Yes' Roles specified in Table 101-B may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 101-A.

Table 101-B – Objection Rules

CR 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 | - | - | - |
| | LARGE | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

CR 2001 – Create 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 | |
| BADPARTY | ALL | ALL | - | - | - | - | - | - | - | - | - | - | - | Yes | - | - | - |
| NOTRESP | SMALL | ALL | Yes | - | Yes | - | Yes | - | Yes | - | - | - | - | Yes | - | - | - |
| | LARGE | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| RETRO | ALL | ALL | Yes | - | Yes | - | - | - | - | - | - | - | - | - | - | - | - |

11.8.10.8. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 10.1 are specified in Table 101-C.

Table 101-C – Change Request Status Notification Rules**

CR 2000 – Create NMI Details

CR 2001 – Create NMI Details – Retrospective

PARTICIPANT ROLE – Receives Notification of Change

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

12.11. CREATE NMI – CREATE CHILD NMI – SMALL OR LARGE

12.1.11.1. Application [2020 2021]

Section 11.2 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|---|--|
| 2020 – Create NMI Details – Child | Used where the New ENM establishes the initial set of information in MSATS about a <i>connection point</i> that is, or will be, connected to an <i>embedded network</i> to apply from a Prospective Day. |
| 2021 – Create NMI Details – Child – Retrospective | Used where the New ENM establishes the initial set of information in MSATS about a <i>connection point</i> that is, or will be, connected to an <i>embedded network</i> to apply from a Retrospective Day. |

12.2.11.2. Conditions Precedent

- The *NMI* does not exist in MSATS.
- The NMI Classification Code is SMALL or LARGE.

12.3.11.3. Initiating Roles

A New ENM may initiate a Change Request to create a *NMI* record in MSATS in accordance with section 11.4.

12.4.11.4. ENM Requirements

The New ENM must:

- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate a Change Request with the following information:

| | | |
|--------------------|----------------------------|-----------------------------|
| Change Reason Code | Participant Transaction ID | <i>NMI</i> and NMI Checksum |
| Its Participant ID | Proposed Change Date | TNI Code |
| DLF Code | NMI Classification Code | Jurisdiction Code |
| Child Name | FRMP (as nominated) | LR |
| RoLR | RP | MDP |
| MPB | MPC | NMI Status Code |
| Locality | State | Postcode |
| LNSP; as the ENM | | |

- Nominate itself as the LNSP.
- Populate the 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 ENM may populate the Change Request with the following information:

| | | |
|-------------------------|---------------|--------------|
| Parent Name | Building Name | Feeder Class |
| Customer Threshold Code | | |

12.5.11.5. MPB Requirements

The New MPB must on receipt of the Change Request Status notification for the Completed status, provide the Metering Installation Type Code to MSATS using Change Reason Code 3000 or 3001.

12.6.11.6. Timeframe Rules

When preparing a Change Request, the New ENM must choose a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 121-A.

Table 121-A – Timeframe Rules

CR 2020 – Create NMI Details – Child

| Objection Logging Period (business days) | | Objection Clearing Period (business days) | | Retrospective Period (business days) | Prospective Period (business days) |
|---|-----------|--|-----------|---|---------------------------------------|
| SMALL NMI | LARGE NMI | SMALL NMI | LARGE NMI | | |
| 1 | 1 | 10 | 20 | 0 | 65 |

CR 2021 – Create NMI Details – Child – Retrospective

| Objection Logging Period (business days) | | Objection Clearing Period (business days) | | Retrospective Period (business days) | Prospective Period (business days) |
|---|-----------|--|-----------|---|---------------------------------------|
| SMALL NMI | LARGE NMI | SMALL NMI | LARGE NMI | | |
| 1 | 1 | 10 | 20 | 130 | 0 |

12.7.11.7. Objection Rules

The 'Yes' Roles specified in Table 121-B may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 121-A.

Table 121-B – Objection Rules*

CR 2020 – Create NMI Details – 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 | - | - | - | - |
| | LARGE | ALL | | | | | | | | | | | | | | | |

CR 2021 – Create NMI Details – Child – 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 | SMALL | NSW VIC SA | - | - | - | - | - | - | - | - | - | - | - | Yes | - | - | - |
| | LARGE | ALL | | | | | | | | | | | | | | | |
| NOTRESP | SMALL | NSW VIC SA | Yes | - | - | - | Yes | - | Yes | - | - | - | Yes | - | - | - | - |
| | LARGE | ALL | | | | | | | | | | | | | | | |
| RETRO | SMALL | NSW VIC SA | Yes | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | LARGE | ALL | | | | | | | | | | | | | | | |

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

12.8.11.8. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 11.1 are specified in Table 121-C.

Table 121-C – Change Request Status Notification Rules

CR 2020 – Create NMI Details – Child

CR 2021 – Create NMI Details – Child – Retrospective

PARTICIPANT ROLE – Receives Notification of Change

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

13.12. CREATE NMI – CREATE NMI, METERING INSTALLATION DETAILS AND NMI DATASTREAM – SMALL OR LARGE

13.1.12.1. Application [2500 2501]

Section 13.2 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|---|---|
| 2500 – Create NMI, Datastream & Meter Details | Used where the New LNSP is able to provide the Datastream and <i>metering installation</i> details at the same time it establishes the initial set of information in MSATS for a <i>connection point</i> to apply from a Prospective Day. |
| 2501 – Create NMI, Datastream & Meter Details – Retrospective | Used where the New LNSP is able to provide the Datastream and <i>metering installation</i> details at the same time it establishes the initial set of information in MSATS for a <i>connection point</i> to apply from a Retrospective Day. |

13.2.12.2. Conditions Precedent

- The *NMI* does not exist in MSATS.
- The NMI Classification Code is SMALL or LARGE.

13.3.12.3. Initiating Roles

If the New LNSP meets the condition imposed by section 12.2 the New LNSP may initiate a Change Request to create a *NMI*, *metering installation* details and NMI Datastream in MSATS in accordance with section 12.4.

13.4.12.4. LNSP Requirements

The New LNSP must:

- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate a Change Request with the following information:

| | | |
|--|---|---|
| Change Reason Code | Participant Transaction ID | <i>NMI</i> and NMI Checksum |
| Its 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 Code (for each <i>meter</i>) | Meter Register Status Code (for each <i>meter</i>) | Register ID (at least one for each <i>meter</i>) |
| Register Identifier Status Code (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) | ADL (for each suffix) |

| | | |
|--|---|--|
| Datastream Status Code (for each suffix) | MDM Contributory Suffix (for each register) | |
|--|---|--|

- (d) Nominate itself as the New LNSP.
- (e) Provide the ADL if this value is not otherwise provided by the New FRMP.
- (f) Populate the 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 Change Request with the following information:

| | | |
|-------------------------|---------------|--------------|
| Parent Name | Building Name | Feeder Class |
| Customer Threshold Code | | |

- (h) Populate the Change Request with the following information for each *meter*:

| | | |
|--------------------------------------|--|--|
| Additional Site Information | NSRD | 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 User access to the <i>metering installation</i> such as pulse outputs) | |

- (i) Populate the Change Request with the following information for each register:

| | | |
|--|---|--|
| Network Tariff Code Additional Information | Demand Value 1, if the Network Tariff includes a demand component | Demand Value 2, if the Network Tariff includes a second demand component |
|--|---|--|

13.5.12.5. Timeframe Rules

When preparing a Change Request, the New LNSP must choose, for the identified Change Reason Codes, a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 123-A.

Table 123-A – Timeframe Rules

CR 2500 – Create NMI, Datastream & Meter Details

| Objection Logging Period (business days) | | Objection Clearing Period (business days) | | Retrospective Period (business days) | Prospective Period (business days) |
|---|-----------|--|-----------|---|---------------------------------------|
| SMALL NMI | LARGE NMI | SMALL NMI | LARGE NMI | | |
| 1 | 1 | 10 | 20 | 0 | 65 |

CR 2501 – Create NMI, Datastream & Meter Details – Retrospective

| Objection Logging Period (business days) | | Objection Clearing Period (business days) | | Retrospective Period (business days) | Prospective Period (business days) |
|---|-----------|--|-----------|---|---------------------------------------|
| SMALL NMI | LARGE NMI | SMALL NMI | LARGE NMI | | |
| 1 | 1 | 10 | 20 | 130 | 0 |

13.6.12.6. Objection Rules

The 'Yes' Roles specified in Table 123-B may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 123-A.

Table 123-B – Objection Rules*

CR 2500 – Create NMI, Datastream + Meter 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 | SMALL | ALL | - | - | - | - | - | - | - | - | - | - | - | Yes | - | - | - |
| | LARGE | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| NOTRESP | ALL | ALL | Yes | - | Yes | - | Yes | - | Yes | - | - | - | Yes | - | - | - | |

CR 2501 – Create NMI, Datastream + Meter Details – 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 | ALL | ALL | - | - | - | - | - | - | - | - | - | - | Yes | - | - | - |
| NOTRESP | ALL | ALL | Yes | - | Yes | - | Yes | - | Yes | - | - | - | Yes | - | - | - |
| RETRO | ALL | ALL | Yes | - | Yes | - | - | - | - | - | - | - | - | - | - | - |

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

13.7.12.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 12.1 are specified in Table 132-C.

Table 123-C – Change Request Status Notification Rules⁷⁷

CR 2500 – Create NMI, Datastream + Meter Details

CR 2501 – Create NMI, Datastream + Meter Details – Retro

PARTICIPANT ROLE – Receives Notification of Change

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

14.13. CREATE NMI – CREATE NMI, METERING INSTALLATION DETAILS AND MDM DATASTREAM – CHILD NMI (SMALL OR LARGE)

14.1.13.1. Application [2520 2521]

Section 14.3 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|---|--|
| 2520 – Create NMI, Datastream & Meter Details – Child NMI | Used where the New ENM makes a Prospective Change to the Datastream and <i>metering installation</i> details at the same time it establishes the initial set of information in MSATS about a <i>connection point</i> that is connected to an <i>embedded network</i> . |
| 2521 – Create NMI, Datastream & Meter – Child NMI - Retrospective | Used where the New ENM makes a Retrospective Change to the Datastream and metering installation details at the same time it establishes the initial set of information in MSATS about a <i>connection point</i> that is connected to an <i>embedded network</i> . |

14.2.13.2. Conditions Precedent

- The NMI does not exist in MSATS.
- The NMI classification code is SMALL or LARGE.

14.3.13.3. Initiating Roles

- A New ENM 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 13.4.
- The New ENM must use one of the following Change Reason Codes 2520 or 2521 to establish a Change Request.

14.4.13.4. ENM Requirements

The New ENM must:

- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the initiation of the Change Request.
- Populate a Change Request with the following information:

| | | |
|---------------------|--------------------------------|--|
| Change Reason Code | Participant Transaction ID | NMI and NMI Checksum |
| Its 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 the ENM | NMI Status Code |
| Child Name | Locality | State |
| Postcode | Meter Serial ID (at least one) | Metering Installation Type Code (for each <i>meter</i>) |

| | | |
|---|---|---|
| Meter Register Status Code (for each meter) | Register ID (at least one for each meter) | Register Identifier Status Code (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) | ADL (for each suffix) | Datastream Status Code (for each suffix) |
| MDM Contributory Suffix (for each register) | | |

- (d) Nominate itself as the new LNSP.
- (e) Populate the 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 ENM may:

- (f) Populate the Change Request with the following information:

| | | |
|------------------------------|---------------|--------------|
| Embedded Network Parent Name | Building Name | Feeder Class |
| Customer Threshold Code | | |

- (g) Populate the Change Request with the following information for each meter:

| | | |
|-------------------------------|---|---|
| Additional Site Information | NSRD | 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 User access to the <i>metering installation</i> such as pulse outputs) | |

(h) Populate the Change Request with the following information for each register:

| | | |
|--|---|--|
| Network Tariff Code Additional Information | Demand Value 1, if the Network Tariff includes a demand component | Demand Value 2, if the Network Tariff includes a second demand component |
|--|---|--|

14.5.13.5. Timeframe Rules

The Timeframe Rules are shown in Table 143-A.

Table 143-A – Time frame rules

CR 2520 – Create NMI, Datastream & Meter Details – Child NMI

| Objection Logging Period (business days) | | Objection Clearing Period (business days) | | Retrospective Period (business days) | Prospective Period (business days) |
|---|-----------|--|-----------|---|---------------------------------------|
| SMALL NMI | LARGE NMI | SMALL NMI | LARGE NMI | | |
| 1 | 1 | 10 | 20 | 0 | 65 |

CR 2521 – Create NMI, Datastream & Meter – Child NMI – Retrospective

| Objection Logging Period (business days) | | Objection Clearing Period (business days) | | Retrospective Period (business days) | Prospective Period (business days) |
|---|-----------|--|-----------|---|---------------------------------------|
| SMALL NMI | LARGE NMI | SMALL NMI | LARGE NMI | | |
| 1 | 1 | 10 | 20 | 130 | 0 |

14.6.13.6. Objection Rules

The 'Yes' Roles specified in in Table 143-B may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 134-A.

Table 143-B – Objection Rules**

CR 2520 – Create NMI, Datastream & Meter Details – 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 | |
| BADPARTY | ALL | ALL | - | - | - | - | - | - | - | - | - | - | - | Yes | - | - | - |
| NOTRESP | ALL | ALL | Yes | - | - | - | Yes | - | Yes | - | - | - | Yes | - | Yes | - | - |

CR 2521 – Create NMI, Datastream & Meter – Child NMI - 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 | - | - | - |
| NOTRESP | ALL | ALL | Yes | - | - | - | Yes | - | Yes | - | - | - | Yes | - | Yes | - | - |

| Objection Code | NMI Class | Jur'n | FRMP | | LR | | MDP | | MPB | | RoLR | | RP | | LNSP | |
|----------------|-----------|------------------|------|---|----|---|-----|---|-----|---|------|---|----|---|------|---|
| | | | N | C | N | C | N | C | N | C | N | C | N | C | N | C |
| RETRO | SMALL | NSW VIC SA | Yes | | | | | | | | | | | | | |
| | LARGE | ALL | | | | | | | | | | | | | | |

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

14.7.13.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 143-C.

Table 143-C – Change request status notification rules**

CR 2520 – Create NMI, Datastream & Meter Details - Child NMI

CR 2521 – Create NMI, Datastream & Meter Details – Child NMI - 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 | - | Yes | - | Yes | - | Yes | - | Yes | - | - | - | Yes | - |
| REQUESTED | Yes | - | Yes | - | Yes | - | Yes | - | Yes | - | - | - | Yes | - |

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

15.14. MAINTAIN METERING – CREATE METERING INSTALLATION DETAILS – SMALL OR LARGE

15.1.14.1. Application [3000 3001]

Section 154 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|---|--|
| 3000 – Create Metering Installation Details | Used where the Current MPB makes a Prospective Change to the initial set of information in MSATS about the <i>metering installation</i> details, and there is no associated <i>meter</i> removal for the <i>NMI</i> for the same effective date. |
| 3001 – Create Metering Installation Details – Retrospective | Used where the Current MPB makes a Retrospective Change to the initial set of information in MSATS about the <i>metering installation</i> details, and there is no associated meter removal for the <i>NMI</i> for the same effective date. |

15.2.14.2. Conditions Precedent

- The *NMI* exists in MSATS.
- The *metering installation* details do not exist in MSATS.
- The NMI Classification Code is SMALL or LARGE.

15.3.14.3. Initiating Roles

A Current MPB may initiate a Change Request to create *metering installation* records in MSATS in accordance with section 154.4.

15.4.14.4. MPB Requirements

The Current MPB must:

- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate a Change Request with the following information:

| | | |
|--|---|---|
| Change Reason Code | Participant Transaction ID | <i>NMI</i> and NMI Checksum |
| Its Participant ID | Proposed Change Date | Meter Serial ID (at least one) |
| Metering Installation Type Code (for each <i>meter</i>) | Meter Register Status Code (for each <i>meter</i>) | Register ID (at least one for each <i>meter</i>) |
| Register Identifier Status Code (for each register ID) | Actual/Cumulative Indicator (for each Register ID) | Controlled Load Indicator (for each Register ID) |
| Dial Format (for each Register ID) | Multiplier Value (for each Register ID) | Time of Day Code (for each Register ID) |
| Unit of Measure Code (for each Register ID) | Network Tariff Code (for each Register ID) | MDM Contributory Suffix (for each register) |

- Where changes to Network Tariff information are required:
 - Check that the Network Tariff Code is correct and, if it is not, update it to have the correct value.

- (ii) Change the Network Tariff Code to ensure that the current information provided in MSATS is the latest information available from the Current LNSP.

The Current MPB may:

- (e) Populate the Change Request with the following information for each *meter*:

| | | |
|--|--|---|
| Additional Site Information | Meter Hazard | NSRD |
| Meter Location | Meter Point | Meter Route |
| Meter Use | Transformer Location | Meter Manufacturer |
| Meter Model | Meter Constant | Transformer Type |
| Transformer Ratio | Test Result Accuracy | Last Test Date |
| Next Test Date | Measurement Type | Test Result Notes |
| Test Performed By | Remote Phone Number | Meter Program |
| Meter Read Type | Data Conversion Arrangements | Communication Equipment Type |
| Communication Protocol | Asset Management Plan Details | Data Validation Arrangements |
| Estimation Instructions | Test and Calibration Program 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) | User Access Rights Details (i.e. details of any End User access to the <i>metering installation</i> such as pulse outputs) | |

- (f) Populate the Change Request with the following information for each register:

| | | |
|--|---|--|
| Network Tariff Code Additional Information | Demand Value 1, if the Network Tariff includes a demand component | Demand Value 2, if the Network Tariff includes a second demand component |
|--|---|--|

- (g) For Retrospective Changes, populate the Change Request with the following information:

| | | |
|-----------------|--|--|
| Actual End Date | | |
|-----------------|--|--|

15.5.14.5. Timeframe Rules

When preparing a Change Request, the Current MPB must choose a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 15.4-A.

Table 154-A – Timeframe Rules

CR 3000 – Create Meter Details

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 0 | 65 |

CR 3001 – Create Meter Details – Retrospective

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 140 | 0 |

15.6.14.6. Objection Rules

Objections are not permitted.

15.7.14.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 154-B.

Table 154-B – Change Request Status Notification Rules**

CR 3000 – Create Meter Details

CR 3001 – Create Meter Details – Retrospective

PARTICIPANT ROLE – Receives Notification of Change

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

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

16.15. MAINTAIN METERING – EXCHANGE OF METERING INFORMATION – SMALL OR LARGE

16.1.15.1. Application [3004 3005]

Section 165 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|---|---|
| 3004 – Exchange of Metering information | Used where the Current MPB is required to provide a Prospective Change to the information in MSATS about the <i>metering installation</i> 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 <i>metering installation</i> details for the <i>NMI</i> shall exist upon completion of the Change Request. |
| 3005 – Exchange of Metering information – Retrospective | Used where the Current MPB is required to provide a Retrospective Change to the information in MSATS about the <i>metering installation</i> 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 <i>metering installation</i> details for the <i>NMI</i> shall exist upon completion of the Change Request. |

16.2.15.2. Conditions Precedent

- The *NMI* exists in MSATS.
- The *metering installation* details exist in MSATS.
- At least one *meter* is removed, and one *meter* is created in each Change Request.
- The *NMI* Classification Code is SMALL or LARGE.

16.3.15.3. Initiating Roles

A Current MPB may initiate a Change Request to change and create *metering installation* records in MSATS in accordance with section 15.4.

16.4.15.4. MPB Requirements

The Current MPB must:

- Obtain the *NMI* Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate the Change Request with the following information:

| | | |
|--|------------------------------------|---------------------|
| Change Reason Code | Participant Transaction ID | Its Participant ID |
| Proposed Change Date | <i>NMI</i> and <i>NMI</i> Checksum | <i>NMI</i> Checksum |
| Meter Serial ID (for each <i>meter</i>) | | |

- For each *meter* associated to the *NMI*, where the Meter Register Status Code is to be 'C' populate the Change Request with the following information (where this information does not currently exist in MSATS):

| | |
|----------------------------|---------------------------------|
| Meter Register Status Code | Metering Installation Type Code |
|----------------------------|---------------------------------|

- (e) For all Register IDs associated with the *NMI*, where the Register Identifier Status Code 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 Identifier Status Code (for each Register ID) |
| Controlled Load Indicator (for each Register ID) | Actual/Cumulative Indicator (for each Register ID) | Network Tariff Code (for each Register ID) |
| MDM Contributory Suffix (for each register) | | |

- (f) Where changes to Network Tariff information are required:
- (i) Check that the Network Tariff Code is correct and, if it is not, update it to have the correct value.
 - (ii) Change the Network Tariff Code to ensure that the current information provided in MSATS is the latest information available from the Current LNSP.

The Current MPB may:

- (g) Populate the Change Request with the following information for each *meter*:

| | | |
|---|--|--|
| Additional Site Information | NSRD | 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 User access to the <i>metering installation</i> such as pulse outputs) | Network Tariff Code Additional Information |
| Demand Value 1, if the Network Tariff includes a demand component | Demand Value 2, if the Network Tariff includes a second demand component | |

- (h) For Retrospective Changes, populate the Change Request with:

| | | |
|-----------------|--|--|
| Actual End Date | | |
|-----------------|--|--|

16.5.15.5. Timeframe Rules

When preparing a Change Request, the Current MPB must choose a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 156-A.

Table 156-A – Timeframe Rules

CR 3004 – Exchange of Metering Information

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 0 | 65 |

CR 3005 – Exchange of Metering Information – Retrospective

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 140 | 0 |

16.6.15.6. Objection Rules

Objections are not permitted.

16.7.15.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 165-B.

Table 165-B – Change Request Status Notification Rules**

CR 3004 – Exchange of Metering Information

CR 3005 – Exchange of Metering Information – Retrospective

PARTICIPANT ROLE – Receives Notification of Change

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

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

17.16. MAINTAIN METERING – CHANGE METERING INSTALLATION DETAILS – SMALL OR LARGE

17.1.16.1. Application [3050 3051]

Section 167 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|---|--|
| 3050 – Change Metering Installation Details | Used where the Current MPB is required to make a Prospective Change to the <i>metering installation</i> details in MSATS. Each Meter Serial ID must exist in MSATS and a minimum set of <i>metering installation</i> details for the <i>NMI</i> shall exist upon Completion of the Change Request. |
| 3051 – Change Metering Installation Details – Retrospective | Used where the Current MPB is required to make a Retrospective Change to the <i>metering installation</i> details in MSATS. Each Meter Serial ID must exist in MSATS and a minimum set of <i>metering installation</i> details for the <i>NMI</i> shall exist upon Completion of the Change Request. |

17.2.16.2. Conditions Precedent

- The *NMI* exists in MSATS.
- The *metering installation* details exist in MSATS.
- The *NMI* Classification Code is SMALL or LARGE.

17.3.16.3. Initiating Roles

A Current MPB may initiate a Change Request to change *metering installation* records in MSATS in accordance with section 16.4.

17.4.16.4. MPB Requirements

The Current MPB must:

- Obtain the *NMI* Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate a Change Request with the following information:

| | | |
|--------------------|----------------------------|------------------------------------|
| Change Reason Code | Participant Transaction ID | <i>NMI</i> and <i>NMI</i> Checksum |
| Its Participant ID | Proposed Change Date | Meter Serial ID (at least one) |

- For each *meter* associated with the *NMI* populate the Change Request with the following information (where this information does not currently exist in MSATS):

| | |
|----------------------------|---------------------------------|
| Meter Register Status Code | Metering Installation Type Code |
|----------------------------|---------------------------------|

- For all Register IDs associated with the *NMI*, where the Register Identifier Status Code is to be 'C' populate the Change Request with the following information (where this information does not currently exist in MSATS):

| | |
|--|---------------------|
| MDM Contributory Suffix (for a register) | Network Tariff Code |
|--|---------------------|

- (f) For all Register IDs associated with the *NMI*, where the Register Identifier Status Code is to be 'C' populate the Change Request with the following information:

| | | |
|---------------------------|---------------------------------|-----------------------------|
| Register ID | Register Identifier Status Code | Actual/Cumulative Indicator |
| Controlled Load Indicator | Dial Format | Multiplier Value |
| Time of Day Code | Unit of Measure Code | |

- (g) Where changes to Network Tariff information are required:
- (i) Check that the Network Tariff Code is correct and, if it is not, update it to have the correct value.
 - (ii) Change the Network Tariff Code to ensure that the current information provided in MSATS is the latest information available from the Current LNSP.

The Current MPB may:

- (h) Populate the Change Request with the following information:

| | | |
|--|--|--|
| | Meter Hazard | Additional Site Information |
| Meter Location | Meter Point | Meter Route |
| Meter Use | Transformer Location | Meter Manufacturer |
| Meter Model | Meter Constant | Transformer Type |
| Transformer Ratio | Test Result Accuracy | Last Test Date |
| Next Test Date | Measurement Type | Test Result Notes |
| Test Performed By | Remote Phone Number | Meter Program |
| Meter Read Type | Data Conversion Arrangements | Communication Equipment Type |
| Communication Protocol | Asset Management Plan Details | Data Validation Arrangements |
| Estimation Instructions | Test and Calibration Program 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) | Demand Value 1, if the Network Tariff includes a demand component | User Access Rights Details (i.e. details of any End User access to the <i>metering installation</i> such as pulse outputs) |
| Network Tariff Code Additional Information | Demand Value 2, if the Network Tariff includes a second demand component | |

- (i) For CR 3051, populate the Change Request with:

| | | |
|-----------------|--|--|
| Actual End Date | | |
|-----------------|--|--|

17.5.16.5. Timeframe Rules

When preparing a Change Request, the Current MPB must choose a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 167-A.

Table 17.6-A – Timeframe Rules

CR 3050 – Change Meter Details

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 0 | 65 |

CR 3051 – Change Meter Details – Retrospective

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 140 | 0 |

17.6.16.6. Objection Rules

Objections are not permitted.

17.7.16.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 17.6-B.

Table 17.6-B – Change Request Status Notification Rules

CR 3050 – Change Meter Details

CR 3051 – Change Meter Details – Retrospective

PARTICIPANT ROLE – Receives Notification of Change

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

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

18.17. MAINTAIN METERING – ADVANCED CHANGE METERING INSTALLATION DETAILS – SMALL OR LARGE

18.1.17.1. Application [3080 3081]

Section 18.17 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|--|--|
| 3080 – Advanced Change Metering Installation Details | Used where the Current MC is required to provide Prospective Change(s) to the <i>metering installation</i> details in MSATS, 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 <i>metering installation</i> details for a Meter Serial ID and each Meter Serial ID must exist in MSATS. A minimum set of <i>metering installation</i> details for the NMI shall exist upon Completion. |
| 3081 – Advanced Change Metering Installation Details – Retrospective | Used where the Current MC is required to provide Retrospective Change(s) to the <i>metering installation</i> details in MSATS, 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 <i>metering installation</i> details for a Meter Serial ID and each Meter Serial ID must exist in MSATS. A minimum set of <i>metering installation</i> details for the NMI shall exist upon Completion. |

18.2.17.2. Conditions Precedent

- The *NMI* exists in MSATS.
- The *metering installation* details exist in MSATS.
- The NMI Classification Code is SMALL or LARGE.

18.3.17.3. Initiating Roles

- A Current MC may initiate a Change Request to change and create *metering installation* records in MSATS in accordance with section 17.4.
- Where a change of Role is included in the Change Request, the initiator must agree with all affected Participants of the Roles that are changing prior to creating the Change Request.

18.4.17.4. MC Requirements

The Current MC must:

- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate the Change Request with the following information:

| | | |
|--|----------------------------|--------------------|
| Change Reason Code | Participant Transaction ID | Its Participant ID |
| Proposed Change Date | <i>NMI</i> | NMI Checksum |
| The Meter Serial ID (for each <i>meter</i>) | | |

- (d) For each *meter* associated to the *NMI*, where the Meter Register Status Code is to be 'C', populate the Change Request with the following (where this information does not currently exist in MSATS):

| Meter Register Status Code | Metering Installation Type Code |
|----------------------------|---------------------------------|
|----------------------------|---------------------------------|

- (e) For all Register IDs associated with the *NMI*, where the Register Identifier Status Code is to be 'C', populate the Change Request with the following (where this information does not currently exist in MSATS):

| Register ID | Register Identifier Status Code (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) |
| MDM Contributory Suffix (for each register) | | |

- (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):

| <i>NMI</i> Suffix | Datastream Type (for each suffix) | Profile Name (for each suffix) |
|-----------------------|--|--------------------------------|
| ADL (for each suffix) | Datastream Status Code (for each suffix) | |

The Current MC may:

- (g) Populate the Change Request with the following information for each *meter*:

| MDP | MPB | MPC |
|--------------------------------------|--|--|
| Additional Site Information | NSRD | 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 User access to the <i>metering installation</i> such as pulse outputs) | |

(h) Populate the Change Request with the following information for each register:

| | | |
|--|---|--|
| Network Tariff Code Additional Information | Demand Value 1, if the Network Tariff includes a demand component | Demand Value 2, if the Network Tariff includes a second demand component |
|--|---|--|

(i) For Retrospective Changes, populate the Change Request with:

| | | |
|-----------------|--|--|
| Actual End Date | | |
|-----------------|--|--|

(j) Where changes to Network Tariff information is required:

- (i) Check that the Network Tariff Code is correct and, if it is not, update it to have the correct value.
- (ii) Change the Network Tariff Code to ensure that the current information provided in MSATS is the latest information available from the Current LNSP.

18.5.17.5. MDP Requirements

On receipt of a Data Request for Change Reason Codes 3080, the MDP must initiate a Change Request to provide the Actual Change Date.

18.6.17.6. Timeframe Rules

When preparing a Change Request, the Current MC must choose a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 187-A.

Table 187-A- Timeframe Rules

CR 3080 – Advanced Change Metering Installation Details

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 1 | 20 | 0 | 65 |

CR 3081 – Advanced Change Metering Installation Details – Retrospective

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

18.7.17.7. Objection Rules

The 'Yes' Roles specified in Table 18-B may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 187-A.

Table 187-B- Objection Rules**

CR 3080 – Advanced Change Metering Installation 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 |
| DECLINED | ALL | ALL | - | - | - | - | Yes | - | Yes | - | - | - | - | - | - | - |

CR 3081 – Advanced Change Metering Installation 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 |
| DECLINED | ALL | ALL | - | - | - | - | Yes | - | Yes | - | - | - | - | - | - | - |
| BADDATA | ALL | ALL | - | - | - | - | Yes | Yes | - | - | - | - | - | - | - | - |

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

18.8.17.8. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 178-C.

Table 187-C – Change Request Status Notification Rules**

CR 3080 – Advanced Change Metering Installation Details

CR 3081 – Advanced Change Metering Installation Details – Retrospective

PARTICIPANT ROLE – Receives Notification of Change

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

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

19.18. MAINTAIN METERING – ADVANCED EXCHANGE OF METERING – SMALL OR LARGE

19.1.18.1. Application [3090 3091]

Section 189 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|--|---|
| 3090 – Advanced Exchange of Metering | Used where the Current MC is required to provide a Prospective Change to the information in MSATS relating to the <i>metering installation</i> 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 <i>metering installation</i> details for the NMI shall exist upon Completion. |
| 3091 – Advanced Exchange of Metering – Retrospective | Used where the Current MC is required to provide a Retrospective Change to the information in MSATS relating to the <i>metering installation</i> 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 <i>metering installation</i> details for the NMI shall exist upon Completion. |

19.2.18.2. Conditions Precedent

- The *NMI* exists in MSATS.
- The *metering installation* details exist in MSATS.
- At least one *meter* is removed, and one *meter* is created in each Change Request.
- The NMI Classification Code is SMALL or LARGE.

19.3.18.3. Initiating Roles

- A Current MC may initiate a Change Request to change and create *metering installation* records in MSATS in accordance with section 18.4.
- Where a change of Role is included in the Change Request the initiator must agree with all affected Participants of the Roles that are changing prior to creating the Change Request.

19.4.18.4. MC Requirements

The Current MC must:

- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate the Change Request with the following information:

| Change Reason Code | Participant Transaction ID | Its Participant ID |
|--|----------------------------|--------------------|
| Proposed Change Date | <i>NMI</i> | NMI Checksum |
| Meter Serial ID (for each <i>meter</i>) | | |

- For each *meter* associated to the *NMI*, where the Meter Register 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 Code | Meter Register Status Code | |
|---------------------------------|----------------------------|--|

- (e) For all Register IDs associated with the *NMI*, where the Register Identifier Status Code is to be 'C' populate the Change Request with the following information (where this information does not currently exist in MSATS):

| | | |
|---|--|--|
| Register ID | Register Identifier Status Code (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) |
| MDM Contributory Suffix (for each register) | | |

- (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):

| | | |
|-----------------------|--|--------------------------------|
| <i>NMI</i> Suffix | Datastream Type (for each suffix) | Profile Name (for each suffix) |
| ADL (for each suffix) | Datastream Status Code (for each suffix) | |

The Current MC may:

- (g) Populate the Change Request with the following information:

| | | |
|--------------------------------------|--|--|
| MDP | MPB | MPC |
| Additional Site Information | NSRD | 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 User access to the <i>metering installation</i> such as pulse outputs) | |

- (h) Populate the Change Request with the following information for each register:

| | | |
|--|---|--|
| Network Tariff Code Additional Information | Demand Value 1, if the Network Tariff includes a demand component | Demand Value 2, if the Network Tariff includes a second demand component |
|--|---|--|

- (i) For Retrospective Changes, populate the Change Request with:

| | | |
|-----------------|--|--|
| Actual End Date | | |
|-----------------|--|--|

- (j) Where changes to Network Tariff information are required:
- (i) Check that the Network Tariff Code is correct and, if it is not, update it to have the correct value.
 - (ii) Change the Network Tariff Code to ensure that the current information provided in MSATS is the latest information available from the Current LNSP.

19.5.18.5. MDP Requirements

On receipt of a Data Request for Change Reason Code 3090, the MDP must initiate a Change Request to provide the Actual Change Date.

19.6.18.6. Timeframe Rules

When preparing a Change Request, the Current MC must choose a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 198-A.

Table 198-A – Timeframe Rules

CR 3090 – Advanced Exchange of Metering

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 1 | 20 | 0 | 65 |

CR 3091 – Advanced Exchange of Metering – Retrospective

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

19.7.18.7. Objection Rules

The 'Yes' Roles specified in Table 198-B may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 198-A.

Table 198-B – Objection Rules*

CR 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 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 | - | - | - | - | - | - | - |

| 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 | Yes | - | - | - | - | - | - | - | - |

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

19.8.18.8. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 198-C.

Table 198-C – Change Request Status Notification Rules*

CR 3090 – Advance Exchange of Metering

CR 3091 – Advance Exchange of Metering – Retrospective

PARTICIPANT ROLE – Receives Notification of Change

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

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

20.19. MAINTAIN METERING – CHANGE NETWORK TARIFF CODE – SMALL OR LARGE

20.1.19.1. Application [3100 3101]

Section 20.19 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|--|--|
| 3100 – Change Network Tariff | Used where the Current LNSP (or the ENM in the case of a Child NMI) is required to make a Prospective Change to Network Tariff Code. |
| 3101 – Change Network Tariff – Retrospective | Used where the Current LNSP (or the ENM in the case of a Child NMI) is required to make a Retrospective Change to the Network Tariff Code. |

20.2.19.2. Conditions Precedent

- The *NMI* exists in MSATS.
- The NMI Classification Code is SMALL or LARGE.
- The Meter Register data is loaded into MSATS.

20.3.19.3. Initiating Roles

A Current LNSP (or the ENM in the case of a Child NMI) may initiate a Change Request to change a Network Tariff Code in accordance with section 19.4.

20.4.19.4. LNSP or ENM Requirements

The Current LNSP (or ENM in the case of a Child NMI) must for each Register ID:

- Check that the Network Tariff Code created by the MPB when the meter was created in MSATS is correct and, if it is not, update it to have the correct value.
- Change the Network Tariff Code in MSATS to ensure that the current information provided in MSATS is the latest information available from the Current LNSP.
- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate a Change Request with the following information:

| | | |
|--------------------|---|-----------------------------|
| Change Reason Code | Participant Transaction ID | <i>NMI</i> and NMI Checksum |
| Its Participant ID | Proposed Change Date | Meter Serial ID |
| Register ID | Network Tariff Code (for each register) | |

The Current LNSP (or the ENM in the case of a Child NMI) may:

- Populate a Change Request with the following information:

| | |
|--|--|
| Network Tariff Code Additional Information | |
|--|--|

- For Retrospective Changes, populate the Change Request with the following information:

| | |
|-----------------|--|
| Actual End Date | |
|-----------------|--|

20.5.19.5. Timeframe Rules

When preparing a Change Request, the Current LNSP (or ENM in the case of a Child NMI) must choose, for the identified Change Reason Codes, a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 2019-A.

Table 2019-A – Timeframe Rules

CR 3100 – Change Network Tariff

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 0 | 65 |

CR 3101 – Change Network Tariff – Retrospective

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 140 | 0 |

20.6.19.6. Objection Rules

Objections are not permitted.

20.7.19.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 2019-B.

Table 2019-B – Change Request Status Notification Rules**

CR 3100 – Change Network Tariff

CR 3101 – Change Network Tariff – Retrospective

PARTICIPANT ROLE – Receives Notification of Change

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

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

21-20. MAINTAIN DATASTREAM – CREATE NMI DATASTREAM –SMALL OR LARGE

21-1-20.1. Application [4000 4001]

Section 210 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|--|---|
| 4000 – Create NMI Datastream Details | Used where the Current MDP makes a Prospective Change to the initial set of information in MSATS about the NMI Datastream details, and there is no associated Datastream Status Code change to inactive for the <i>NMI</i> for the same effective date. |
| 4001 – Create NMI Datastream Details – Retrospective | Used where the Current MDP makes a Retrospective Change to the initial set of information in MSATS about the NMI Datastream details, and there is no associated Datastream Status Code change to inactive for the <i>NMI</i> for the same effective date. |

21-2-20.2. Conditions Precedent

- The *NMI* exists in MSATS.
- The NMI Datastream details do not exist in MSATS
- The NMI Classification Code is SMALL or LARGE.

21-3-20.3. Initiating Roles

A Current MDP may initiate a Change Request to create an NMI Datastream in MSATS in accordance with section 20.4.

21-4-20.4. MDP Requirements

The Current MDP must:

- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate a Change Request with the following information:

| | | |
|--|--------------------------------|----------------------------------|
| Change Reason Code | Participant Transaction ID | <i>NMI</i> and NMI Checksum |
| Its Participant ID | Proposed Change Date | <i>NMI</i> Suffix (at least one) |
| Datastream Type (for each suffix) | Profile Name (for each suffix) | ADL (for each suffix) |
| Datastream Status Code (for each suffix) | | |

- Obtain the ADL from the LNSP if this value is not otherwise provided by the New FRMP.

The Current MDP may:

- for Retrospective Changes, populate the Change Request with the following information:

| | | |
|-----------------|--|--|
| Actual End Date | | |
|-----------------|--|--|

21-5-20.5. Timeframe Rules

When preparing a Change Request, the Current MDP must choose, for the identified Change Reason Code, a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 210-A.

Table 210-A – Timeframe Rules

CR 4000 – Create NMI Datastream Details

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 0 | 65 |

CR 4001 – Create NMI Datastream Details – Retrospective

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 140 | 0 |

21.6-20.6. Objection Rules

Objections are not permitted.

21.7-20.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 210-B.

Table 200-B – Change Request Status Notification Rules**

CR 4000 – Create NMI Datastream Details

CR 4001 – Create NMI Datastream Details – Retrospective

PARTICIPANT ROLE – Receives Notification of Change

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

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

22.21. MAINTAIN DATASTREAM – EXCHANGE OF DATASTREAM INFORMATION SMALL OR LARGE

22.1-21.1. Application [4004 4005]

Section 22.1 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|---|---|
| 4004 – Exchange of Datastream Information | Used where the Current MDP is required to make a Prospective Change to the NMI Datastream in MSATS. The change will include at least one Datastream Status Code change to inactive and the creation of at least one new Datastream. A minimum set of NMI Datastream details for the <i>NMI</i> shall exist upon Completion. |
| 4005 – Exchange of Datastream Information – Retrospective | Used where the Current MDP is required to make a Retrospective Change to the NMI Datastream in MSATS. The change will include at least one Datastream Status Code change to inactive and the creation of at least one new Datastream. A minimum set of NMI Datastream details for the <i>NMI</i> shall exist upon Completion. |

22.2-21.2. Conditions Precedent

- The *NMI* exists in MSATS.
- The *metering installation* details exist in MSATS.
- The NMI Classification Code is SMALL or LARGE.

22.3-21.3. Initiating Roles

A Current MDP may initiate a Change Request to exchange Datastream records in MSATS in accordance with section 21.4.

22.4-21.4. MDP Requirements

The Current MDP must:

- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate the Change Request with the following information:

| | | |
|----------------------|----------------------------|--------------------|
| Change Reason Code | Participant Transaction ID | Its Participant ID |
| Proposed Change Date | <i>NMI</i> | NMI Checksum |

- 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);

| | | |
|----------------------------------|--|--------------------------------|
| <i>NMI</i> Suffix (at least one) | Datastream Type (for each suffix) | Profile Name (for each suffix) |
| ADL (for each suffix) | Datastream Status Code (for each suffix) | |

The Current MDP may:

(e) Populate the Change Request with the following information:

| | | |
|--|------------------------------------|--|
| Meter Serial ID (for each <i>meter</i>) | Register ID (for each Register ID) | MDM Contributory Suffix (for each Register ID) |
|--|------------------------------------|--|

(f) For Retrospective Changes, populate the Change Request with:

| | | |
|-----------------|--|--|
| Actual End Date | | |
|-----------------|--|--|

22.5-21.5. Timeframe Rules

When preparing a Change Request, the Current MDP must choose a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 221-A.

Table 221-A – Timeframe Rules

CR 4004 – Exchange of Datastream Information

| Objection Logging Period (<i>business days</i>) | Objection Clearing Period (<i>business days</i>) | Retrospective Period (<i>business days</i>) | Prospective Period (<i>business days</i>) |
|--|---|--|--|
| 0 | 0 | 0 | 65 |

CR 4005 – Exchange of Datastream Information – Retrospective

| Objection Logging Period (<i>business days</i>) | Objection Clearing Period (<i>business days</i>) | Retrospective Period (<i>business days</i>) | Prospective Period (<i>business days</i>) |
|--|---|--|--|
| 0 | 0 | 140 | 0 |

22.6-21.6. Objection Rules

Objections are not permitted.

22.7-21.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 21.1 are specified in Table 221-B.

Table 221-B – Change Request Status Notification Rules**

CR 4004 – Exchange of Datastream Information

CR 4005 – Exchange of Datastream Information – Retrospective

PARTICIPANT ROLE – Receives Notification of Change

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

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

23-22. MAINTAIN DATASTREAM – CHANGE NMI DATASTREAM – SMALL OR LARGE

23-1-22.1. Application [4050 4051]

Section 232 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|--|--|
| 4050 – Change NMI Datastream | Used where the Current MDP is required to make a Prospective Change to the NMI Datastream in MSATS. Each Datastream must exist in MSATS and a minimum set of NMI Datastream details for the NMI shall exist upon Completion. |
| 4051 – Change NMI Datastream – Retrospective | Used where the Current MDP is required to make a Retrospective Change to the NMI Datastream in MSATS. Each Datastream must exist in MSATS and a minimum set of NMI Datastream details for the NMI shall exist upon Completion. |

23-2-22.2. Conditions Precedent

- The *NMI* exists in MSATS.
- The *metering installation* and Datastream details exist in MSATS.
- The NMI Classification Code is SMALL or LARGE.

23-3-22.3. Initiating Roles

A Current MDP may initiate a Change Request to change an NMI Datastream in MSATS in accordance with section 22.4.

23-4-22.4. MDP Requirements

The Current MDP must:

- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate a Change Request with the following information:

| | | |
|--------------------|----------------------------|-----------------------------|
| Change Reason Code | Participant Transaction ID | <i>NMI</i> and NMI Checksum |
| Its Participant ID | Proposed Change Date | <i>NMI</i> Suffix |

- For all Register IDs associated with 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 | ADL |
| Datastream Status Code | | |

The Current MDP may:

- Populate the Change Request with the following information:

| | | |
|-------------------------|-----------------|-------------|
| MDM Contributory Suffix | Meter Serial ID | Register ID |
|-------------------------|-----------------|-------------|

- For Retrospective Changes, populate the Change Request with the following information:

| | | |
|-----------------|--|--|
| Actual End Date | | |
|-----------------|--|--|

23.5.22.5. Timeframe Rules

When preparing a Change Request, the Current MDP must choose, for the identified Change Reason Codes, a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 232-A.

Table 232-A – Timeframe Rules

CR 4050 – Change NMI Datastream Details

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 0 | 65 |

CR 4051 – Change NMI Datastream Details – Retrospective

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 140 | 0 |

23.6.22.6. Objection Rules

Objections are not permitted.

23.7.22.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 22.1 are specified in Table 232-B.

Table 232-B – Change Request Status Notification Rules**

CR 4050 – Change NMI Datastream Details

CR 4051 – Change NMI Datastream Details – Retrospective

PARTICIPANT ROLE – Receives Notification of Change

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

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

24-23. MAINTAIN NMI – UPDATE NEXT SCHEDULED READ DATE – SMALL OR LARGE

24.1-23.1. Application [5070 5071]

Section 243 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|--|--|
| 5070 – Update Next Scheduled Read Date | Used where the Current MDP is required to provide MSATS with the NSRD prospectively. |
| 5071 – Update Next Scheduled Read Date – Retrospective | Used where the Current MDP is required to provide MSATS with the NSRD retrospectively. Note if this transaction is submitted by batch, MSATS will be updated straight away. |

24.2-23.2. Conditions Precedent

- The *NMI* exists in MSATS.
- The NMI Classification Code is SMALL or LARGE.
- The *metering installation* is manually read, or has been made capable of *remote acquisition* in accordance with 7.8.9(b) of the NER.

24.3-23.3. Initiating Roles

A Current MDP may initiate a Change Request to submit the NSRD to MSATS in accordance with section 23.4.

24.4-23.4. MDP Requirements

The Current MDP must:

- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate a Change Request with the following information:

| | | |
|--------------------|----------------------------|-----------------------------|
| Change Reason Code | Participant Transaction ID | <i>NMI</i> and NMI Checksum |
| Its Participant ID | Proposed Change Date | Meter Serial ID |
| NSRD | | |

The Current MDP may:

- Obtain the Meter Reading frequency from the New FRMP.
- Obtain the Meter Reading schedule from the MPC or MC.

24.5-23.5. Timeframe Rules

When preparing a Change Request, the Current MDP must choose a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 243-A.

Table 243-A – Timeframe Rules

CR 5070 – Update Next Scheduled Read Date

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 0 | 3 |

CR 5071 – Update Next Scheduled Read Date – Retrospective

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 1 | 0 |

24.6.23.6. Objection Rules

Objections are not permitted.

24.7.23.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 243-B.

Table 243-B – Change Request Status Notification Rules

CR 5070 – Update Next Scheduled Read Date

CR 5071 – Update Next Scheduled Read Date – Retrospective

PARTICIPANT ROLE – Receives Notification of Change

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

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

24. MAINTAIN NMI – UPDATE LAST READ DATE

24.1. Application [5072]

Section 29 applies to the following Change Reason Code:

| <u>Change Reason Code</u> | <u>Comment</u> |
|------------------------------|---|
| 5072 – Update Last Read Date | The MDP is required to provide MSATS with the date of the Last Read Date of the meter as well as the Quality Flag of that meter reading. <i>Applies to Type 4A, Type 5 and Type 6 Metering only.</i> |

24.2. Conditions Precedent

- (a) The NMI exists in MSATS.
- (b) The NMI Classification Code is SMALL or LARGE.
- (c) The metering installation has been manually read.

24.3. Initiating Roles

The MDP must initiate a Change Request to update the Last Read Date to MSATS in accordance with section 24.4.

24.4. MDP Requirements

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 Last Read Date and Last Read Quality Flag to MSATS within 2 days of reading the meter.
- (d) Populate a Change Request with the following information:

| | | |
|---------------------------|-----------------------------------|-------------------------------|
| <u>Change Reason Code</u> | <u>Participant Transaction ID</u> | <u>NMI and NMI Checksum</u> |
| <u>Its Participant ID</u> | <u>Last Read Date</u> | <u>Last Read Quality Flag</u> |
| <u>MDP</u> | | |

24.5. Timeframe Rules

When preparing a Change Request, the MDP must choose a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 24-A.

Table 24-A – Timeframe Rules

CR 5072 – Update Last Read Date (MDP)

| <u>Objection Logging Period (business days)</u> | <u>Objection Clearing Period (business days)</u> | <u>Retrospective Period (business days)</u> | <u>Prospective Period (business days)</u> |
|---|--|---|---|
| 0 | 0 | 15 | 0 |

24.6. Objection Rules

Objections are not permitted.

24.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 9.1 are specified in Table 24-B.

Table 24-B – Change Request Status Notification Rules**

CR 5072 – Update Last Read Date (MDP)

PARTICIPANT ROLE – Receives Notification of Change

| Status Change | FRMP | | LR | | LNSP | | MDP | | MPB | | RoLR | | RP | |
|------------------|------|---|----|---|------|---|-----|-----|-----|---|------|---|----|---|
| | N | C | N | C | N | C | N | C | N | C | N | C | N | C |
| <u>CANCELLED</u> | = | = | = | = | = | = | = | Yes | = | = | = | = | = | = |
| <u>COMPLETED</u> | = | = | = | = | = | = | = | Yes | = | = | = | = | = | = |
| <u>OBJECTED</u> | = | = | = | = | = | = | = | Yes | = | = | = | = | = | = |
| <u>PENDING</u> | = | = | = | = | = | = | = | Yes | = | = | = | = | = | = |
| <u>REJECTED</u> | = | = | = | = | = | = | = | Yes | = | = | = | = | = | = |
| <u>REQUESTED</u> | = | = | = | = | = | = | = | Yes | = | = | = | = | = | = |

** N = New Role, C = Current Role

25. MAINTAIN NMI – BACKDATE A NMI – SMALL OR LARGE

25.1. Application [5001 5021]

Section 25 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|--|--|
| 5001 – Backdate NMI Start Date | Used where AEMO, on request from an LNSP, or the LNSP, backdates the initial set of information in MSATS in regard to a <i>connection point</i> to apply from a Retrospective Day. |
| 5021 – Backdate NMI Start Date – Child | Used where AEMO, on request from an ENM, or the ENM, backdates the initial set of information in MSATS about a <i>child connection point</i> . |

25.2. Conditions Precedent

- The *NMI* exists in MSATS.
- The NMI Classification Code is SMALL or LARGE.

25.3. Initiating Roles

AEMO, the ENM, or the LNSP may initiate a Change Request to backdate a *NMI's* Start Date in MSATS in accordance with section 25.4 or 25.6.

25.4. LNSP Requirements (5001 only)

The New LNSP (who must be the Current LNSP for the period where the *NMI* exists in MSATS) must:

- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is still a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate a Change Request with values for the following data items:

| | | |
|----------------------------|--|--------------------|
| Participant Transaction ID | <i>NMI</i> and NMI Checksum | Its Participant ID |
| Proposed Change Date | Actual End Date (which should be the day prior to the day that the NMI Master Record starts) | 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 |

- Populate the 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 Change Request with the following information:

| | | |
|-------------------------|---------------|--------------|
| Parent Name | Building Name | Feeder Class |
| Customer Threshold Code | | |

25.5. ENM Requirements (5021 only)The New ENM (who must be the Current ENM for the period where the *NMI* exists in MSATS) must:

- (a) Obtain the NMI Checksum from an approved source. Confirm that the *NMI* is still a valid *NMI* for the *connection point*.
- (b) Provide AEMO with values for the following data items:

| | | |
|--------------------|----------------------------|---|
| Change Reason Code | Participant Transaction ID | <i>NMI</i> and NMI Checksum |
| Participant ID | Proposed Change Date | Actual End Date (which should be the day prior to the day that the NMI Master Record starts on) |
| TNI Code | DLF Code | NMI Classification Code |
| Jurisdiction Code | Child Name | FRMP |
| LR | RoLR | RP |
| MDP | MPB | MPC |
| LNSP, as the ENM | NMI Status Code | Locality |
| State | Postcode | |

- (c) 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 ENM may provide AEMO with the following information:

| | | |
|-------------------------|---------------|--------------|
| Parent Name | Building Name | Feeder Class |
| Customer Threshold Code | | |

25.6. AEMO Requirements

AEMO must, on request from an LNSP, populate a Change Request with the data provided by the LNSP in accordance with section 25.4 (CR 5001) or ENM in accordance with section 25.5 (CR 5021).

25.7. MPB Requirements

The New MPB must, on receipt of a Completed notification, backdate the *metering installation* details using CR 3001.

25.8. Timeframe Rules

When preparing a Change Request, AEMO or the LNSP (as applicable) must choose a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 25-A.

Table 25-A – Timeframe Rules

CR 5001 – Backdate NMI Start Date

CR 5021 – Backdate NMI Start Date – Child

| Objection Logging Period (business days) | | Objection Clearing Period (business days) | | Retrospective Period (business days) | Prospective Period (business days) |
|---|-----------|--|-----------|---|---------------------------------------|
| SMALL NMI | LARGE NMI | SMALL NMI | LARGE NMI | | |
| 1 | 1 | 10 | 20 | 140 | 0 |

25.9. Objection Rules

The ‘Yes’ Roles specified in Table 25-B may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 25-A.

Table 25-B – Objection Rules**

CR 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 | - | - | - |
| | LARGE | | | | | | | | | | | | - | | | |
| BADPARTY | ALL | ALL | - | - | - | - | - | - | - | - | - | - | Yes | - | - | - |

CR 5021 – Backdate NMI Start Date – 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 |
| NOTRESP | SMALL | ALL | 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.

25.10. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 25-C.

Table 25-C – Change Request Status Notification Rules**

CR 5001 – Backdate NMI Start Date

CR 5021 – Backdate NMI Start Date – Child

PARTICIPANT ROLE – Receives Notification of Change

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

26. MAINTAIN NMI – CHANGE A NMI – SMALL OR LARGE

26.1. Application [5050 5051]

Section 26 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|---|---|
| 5050 – Change NMI Details | Used where the Current LNSP is required to make a Prospective Change to the set of information in MSATS about a <i>connection point</i> . |
| 5051 – Change NMI Details – Retrospective | Used where the Current LNSP is required to make a Retrospective Change to the information in MSATS about a <i>connection point</i> . |

26.2. Conditions Precedent

- The *NMI* exists in MSATS.
- The NMI Classification Code is SMALL or LARGE.

26.3. Initiating Roles

A Current LNSP may initiate a Change Request to change a *NMI* record in MSATS in accordance with section 26.4.

26.4. LNSP Requirements

The Current LNSP must:

- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate an Change Request with the following information:

| | | |
|--------------------|----------------------------|-----------------------------|
| Change Reason Code | Participant Transaction ID | <i>NMI</i> and NMI Checksum |
| Its Participant ID | Proposed Change Date | |

The Current LNSP may:

- Populate the Change Request with the following information:

| | | |
|------------------------|------------------------|-------------------------|
| TNI Code | DLF Code | NMI Classification Code |
| Jurisdiction Code | NMI Status Code | 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 |

- For Retrospective Changes, populate the Change Request with the

| | | |
|-----------------|--|--|
| Actual End Date | | |
|-----------------|--|--|

26.5. Timeframe Rules

When preparing a Change Request, the Current LNSP must choose a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 26-A.

Table 26-A – Timeframe Rules

CR 5050 – Change NMI Details

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 0 | 65 |

CR 5051 – Change NMI Details – Retrospective

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 140 | 0 |

Note: An Objection Logging Period of zero means Objections need to be logged by midnight of the *business day* that the Change Request is submitted.

26.6. Objection Rules

The 'Yes' Roles specified in Table 26-B may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 26-A.

Table 26-B – Objection Rules**

CR 5050 – Change NMI Details

CR 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 |
| NOTRESP | ALL | ALL | - | - | - | - | - | Yes | - | - | - | - | - | - | - | - |

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

26.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 26-C.

Table 26-C – Change Request Status Notification Rules**

CR 5050 – Change NMI Details

CR 5051 – Change NMI Details – Retrospective

PARTICIPANT ROLE – Receives Notification of Change

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

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

27. MAINTAIN NMI – CHANGE A NMI – CUSTOMER CLASSIFICATION CODE – SMALL OR LARGE

27.1. Application [5054 5055]

Section 27 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|--|---|
| 5054 – Change NMI Details – Customer Classification Code | Used where the Current FRMP is required to make a Prospective Change to the Customer Classification Code. |
| 5055 – Change NMI Details – Customer Classification Code – Retrospective | Used where the Current FRMP is required to make a Retrospective Change to the Customer Classification Code. |

27.2. Conditions Precedent

- The *NMI* exists in MSATS.
- The NMI Classification Code is SMALL or LARGE.

27.3. Initiating Roles

A Current FRMP may initiate a Change Request to change a *NMI* record in MSATS in accordance with section 27.4.

27.4. FRMP Requirements

The Current FRMP must:

- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate a Change Request with the following information:

| | | |
|--------------------|----------------------------|------------------------------|
| Change Reason Code | Participant Transaction ID | <i>NMI</i> and NMI Checksum |
| Its Participant ID | Proposed Change Date | Customer Classification Code |

For Retrospective Changes, the Current FRMP may populate the Change Request with the:

| | | |
|-----------------|--|--|
| Actual End Date | | |
|-----------------|--|--|

27.5. Timeframe Rules

When preparing a Change Request, the Current FRMP must choose a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 27-A.

Table 27-A – Timeframe Rules

CR 5054 – Change NMI Details Customer Classification Code

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 0 | 65 |

CR 5055 – Change NMI Details Customer Classification Code – Retrospective

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 140 | 0 |

27.6. Objection Rules

Objections are not permitted.

27.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 27-B.

Table 27-B – Change Request Status Notification Rules**

CR 5054 – Change NMI Details Customer Classification Code

CR 5055 – Change NMI Details Customer Classification Code – Retrospective

PARTICIPANT ROLE – Receives Notification of Change

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

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

28. MAINTAIN NMI – CHANGE NMI EMBEDDED NETWORK (CHILD) – SMALL OR LARGE

28.1. Application [5060 5061]

Section 28 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|---|--|
| 5060 – Change NMI Details – Child | Used where the Current ENM is required to make a Prospective change to the information in MSATS about a <i>connection point</i> that is connected to an <i>embedded network</i> . |
| 5061 – Change NMI Details – Child – Retrospective | Used where the Current ENM is required to provide a Retrospective Change to the information in MSATS about a <i>connection point</i> that is connected to an <i>embedded network</i> . |

28.2. Conditions Precedent

- The *NMI* exists in MSATS.
- The NMI Classification Code is SMALL or LARGE.

28.3. Initiating Roles

A Current ENM may initiate a Change Request to change a *NMI* record in MSATS in accordance with section 28.4.

28.4. ENM Requirements

The Current ENM must:

- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate a Change Request with the following information:

| | | |
|--------------------|----------------------------|-----------------------------|
| Change Reason Code | Participant Transaction ID | <i>NMI</i> and NMI Checksum |
| Its Participant ID | Proposed Change Date | |

The Current ENM may:

- Populate the Change Request with the following information:

| | | |
|-------------------------|------------------------|-------------------------|
| TNI Code | DLF Code | NMI Classification Code |
| Jurisdiction Code | NMI Status Code | Parent Name |
| 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 Retrospective Changes, populate the Change Request with the following information:

| | | |
|-----------------|--|--|
| Actual End Date | | |
|-----------------|--|--|

28.5. Timeframe Rules

When preparing a Change Request, the ENM must choose a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 28-A.

Table 28-A – Timeframe Rules

CR 5060 – Change NMI Details – Child

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 0 | 65 |

CR 5061 – Change NMI Details – Child – Retrospective

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 140 | 0 |

28.6. Objection Rules

Objections are not permitted.

28.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 28-B.

Table 28-B – Change Request Status Notification Rules**

CR 5060 – Change NMI Details – Child

CR 5061 – Change NMI Details – Child – Retrospective

PARTICIPANT ROLE – Receives Notification of Change

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

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

29. MAINTAIN NMI – CHANGE PARENT NAME – SMALL OR LARGE

29.1. Application [5080 5081]

Section 29 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|---|---|
| 5080 – Change Parent Name | Used where the Current LNSP is required to apply a Prospective Change to the Parent Name. |
| 5081 – Change Parent Name – Retrospective | Used where the Current LNSP is required to apply a Retrospective Change to the Parent Name. |

29.2. Conditions Precedent

- The *NMI* exists in MSATS.
- The NMI Classification Code is SMALL or LARGE.

29.3. Initiating Roles

A Current LNSP may initiate a Change Request to change the Parent Name in accordance with section 29.4.

29.4. LNSP Requirements

The Current LNSP must:

- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate the Change Request with the following information:

| | | |
|--------------------|----------------------------|-----------------------------|
| Change Reason Code | Participant Transaction ID | <i>NMI</i> and NMI Checksum |
| Its Participant ID | Proposed Change Date | Parent Name |

For Retrospective Changes, the Current LNSP may populate the Change Request with the following information:

| | | |
|-----------------|--|--|
| Actual End Date | | |
|-----------------|--|--|

29.5. Timeframe Rules

When preparing a Change Request, the Current LNSP (as applicable) must choose a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 29-A.

Table 29-A – Timeframe Rules

CR 5080 – Change Parent Name

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 0 | 65 |

CR 5081 – Change Parent Name – Retrospective

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 140 | 0 |

29.6. Objection Rules

Objections are not permitted.

29.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 29-B.

Table 29-B – Change Request Status Notification Rules**

CR 5080 – Change Parent Name

CR 5081 – Change Parent Name – Retrospective

PARTICIPANT ROLE – Receives Notification of Change

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

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

30. CHANGE ROLE – CHANGE LNSP – SMALL OR LARGE

30.1. Application [6100 6110]

Section 30 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|------------------------------------|---|
| 6100 – Change LNSP | Used where the New LNSP or the New ENM is required (either by a regulatory change or due to an error in the NMI Master Record) to apply a Prospective Change to the name of the Current LNSP or the Current ENM in MSATS |
| 6110 – Change LNSP – Retrospective | Used where the New LNSP or the New ENM is required (either by a regulatory change or due to an error in the NMI Master Record) to apply a Retrospective Change to the name of the Current LNSP or the Current ENM in MSATS. |

30.2. Conditions Precedent

- The *NMI* exists in MSATS.
- The NMI Classification Code is SMALL or LARGE.

30.3. Initiating Roles

A New LNSP or New ENM may initiate a Change Request to change an LNSP or ENM in MSATS in accordance with section 30.4.

30.4. LNSP or ENM Requirements

The New LNSP or the New ENM must:

- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate a Change Request with the following information:

| | | |
|--------------------|----------------------------|-----------------------------|
| Change Reason Code | Participant Transaction ID | <i>NMI</i> and NMI Checksum |
| Its Participant ID | Proposed Change Date | |

- Nominate itself as the New LNSP or the New ENM.

The New LNSP or the New ENM may:

- populate the Change Request with the following information:

| | | |
|-------------------|----------|-------------------------|
| TNI Code | DLF Code | NMI Classification Code |
| Jurisdiction Code | | |

- for Retrospective Changes, populate the Change Request with:

| | | |
|-----------------|--|--|
| Actual End Date | | |
|-----------------|--|--|

30.5. Timeframe Rules

When preparing a Change Request, the New LNSP or the New ENM (as applicable) must choose a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 30-A.

Table 30-A – Timeframe Rules

CR 6100 – Change LNSP

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 1 | 20 | 0 | 65 |

CR 6110 – Change LNSP – Retrospective

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

30.6. Objection Rules

The 'Yes' Roles specified in Table 30-B may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 30-A.

Table 30-B – Objection Rules**

CR 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 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.

30.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 30-C.

Table 30-C – Change Request Status Notification Rules**

CR 6100 – Change LNSP

CR 6110 – Change LNSP – Retrospective

PARTICIPANT ROLE – Receives Notification of Change

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



| Status Change | FRMP | | LR | | LNSP | | MDP | | MPB | | RoLR | | RP | |
|---------------|------|---|----|---|------|-----|-----|-----|-----|---|------|---|----|---|
| | N | C | N | C | N | C | N | C | N | C | N | C | N | C |
| REJECTED | - | - | - | - | Yes | Yes | - | Yes | - | - | - | - | - | - |
| REQUESTED | - | - | - | - | Yes | Yes | - | Yes | - | - | - | - | - | - |

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

31. CHANGE ROLE – CHANGE MDP – SMALL OR LARGE

31.1. Application [6200 6210]

Section 31 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|-----------------------------------|---|
| 6200 – Change MDP | Used where the Current FRMP or Current MC is required to apply a Prospective Change to the name of the Current MDP |
| 6210 – Change MDP – Retrospective | Used where the Current FRMP or Current MC is required to apply a Retrospective Change to the name of the Current MDP. |

31.2. Conditions Precedent

- The NMI details exist in MSATS
- The NMI Classification Code is SMALL or LARGE.

31.3. Initiating Roles

The Current FRMP or Current MC may initiate a Change Request to change a MDP in MSATS in accordance with section 31.4.

31.4. FRMP/Current MC Requirements

The Current FRMP or Current MC (as applicable) must:

- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate a Change Request with the following information:

| | | |
|--------------------|----------------------------|----------------------|
| Change Reason Code | Participant Transaction ID | NMI and NMI Checksum |
| Participant ID | Proposed Change Date | MDP |

The Current FRMP or Current MC (as applicable) may:

- For Retrospective Changes, populate the Change Request with the following information:

| | | |
|-----------------|--|--|
| Actual End Date | | |
|-----------------|--|--|

31.5. MDP Requirements

On receipt of a Data Request for CR 6200, the MDP must initiate a Change Request to provide the Actual Change Date.

31.6. Timeframe Rules

When preparing a Change Request, the Current FRMP or Current MC (as applicable) must choose a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 31-A.

Table 31-A – Timeframe Rules

CR 6200 – Change MDP

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 1 | 20 | 0 | 65 |

CR 6210 – Change MDP – Retrospective

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

31.7. Objection Rules

The 'Yes' Roles specified in Table 31-B may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 31-A.

Table 31-B – Objection Rules**

CR 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 |
| DECLINED | ALL | ALL | - | - | - | - | Yes | - | - | - | - | - | - | - | - | - |
| NOTRESP | ALL | ALL | - | - | - | - | - | Yes | - | - | - | - | - | - | - | - |
| BADPARTY | LARGE | ALL | - | - | - | - | - | - | - | - | - | - | - | Yes | - | - |
| DATEBAD | ALL | ALL | - | - | - | - | Yes | Yes | - | - | - | - | - | - | - | - |

CR 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 |
| DECLINED | ALL | ALL | - | - | - | - | Yes | - | - | - | - | - | - | - | - | - |
| NOTRESP | ALL | ALL | - | - | - | - | - | Yes | - | - | - | - | - | - | - | - |
| BADDATA | SMALL | NSW VIC SA | - | - | - | - | Yes | Yes | - | - | - | - | - | - | - | - |
| BADDATA | LARGE | ALL | - | - | - | - | Yes | Yes | - | - | - | - | - | - | - | - |
| BADPARTY | LARGE | ALL | - | - | - | - | - | - | - | - | - | - | - | Yes | - | - |
| DATEBAD | ALL | ALL | - | - | - | - | Yes | Yes | - | - | - | - | - | - | - | - |

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

31.8. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 31-C.

Table 31-C – Change Request Status Notification Rules**

CR 6200 – Change MDP

CR 6210 – Change MDP – Retrospective

PARTICIPANT ROLE – Receives Notification of Change

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

32. CHANGE ROLE – CHANGE MC – SMALL OR LARGE

32.1. Application [6300 6301]

Section 32 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|----------------------------------|--|
| 6300 – Change MC | Used where the New MC or Current FRMP is required to apply a Prospective Change to the Current MC. |
| 6301 – Change MC – Retrospective | Used where the New MC or Current FRMP is required to apply a Retrospective Change to the Current MC. |

32.2. Conditions Precedent

- The *NMI* exists in MSATS.
- The NMI Classification Code is SMALL or LARGE.

32.3. Initiating Roles

A New MC (where the NMI Classification Code for a *NMI* is Large) or Current FRMP (for any *NMI*) may initiate a Change Request to change the MC in MSATS in accordance with section 32.4.

32.4. MC/Current FRMP Requirements

The New MC/Current FRMP must:

- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate a Change Request with the following information:

| | | |
|------------------------------|----------------------------|-----------------------------|
| Change Reason Code | Participant Transaction ID | <i>NMI</i> and NMI Checksum |
| Participant ID of the New MC | Proposed Change Date | |

- Nominate the New MC.

The New MC/Current FRMP may:

- For Retrospective Changes, populate the Change Request with the following information:

| | | |
|-----------------|--|--|
| Actual End Date | | |
|-----------------|--|--|

32.5. Timeframe Rules

When preparing a Change Request, the New MC/Current FRMP must choose a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 32-A.

Table 32-A – Timeframe Rules

CR 6300 – Change MC

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 1 | 20 | 0 | 65 |

CR 6301 – Change MC – Retrospective

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

32.6. Objection Rules

The 'Yes' Roles specified in Table 32-B may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 32-A.

Table 32-B – Objection Rules**

CR 6300 – Change MC

| 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 | |
| CONTRACT | LARGE | ALL | - | - | - | - | - | - | - | - | - | - | - | - | Yes | - | - |
| DECLINED | ALL | ALL | - | - | - | - | - | - | - | - | - | - | - | Yes | - | - | - |

CR 6301 – Change MC – 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 |
| RETRO | ALL | ALL | - | Yes | - | - | - | - | - | - | - | - | - | Yes | - | - |
| DECLINED | ALL | ALL | - | - | - | - | - | - | - | - | - | - | Yes | - | - | - |

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

32.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 32-C.

Table 32-C – Change Request Status Notification Rules**

CR 6300 – Change MC

CR 6301 – Change MC – Retrospective

PARTICIPANT ROLE – Receives Notification of Change

| Status Change | FRMP | | LR | | LNSP | | MDP | | MPB | | RoLR | | RP | | |
|---------------|------|-----|----|-----|------|-----|-----|-----|-----|-----|------|---|----|-----|-----|
| | N | C | N | C | N | C | N | C | N | C | N | C | N | C | |
| CANCELLED | - | Yes | - | - | - | - | - | - | - | - | - | - | - | Yes | Yes |
| 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 LR – SMALL OR LARGE

33.1. Application [6400 6401]

Section 33 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|----------------------------------|--|
| 6400 – Change LR | Used where the New LR is required (either by a regulatory change or due to an error in the NMI Master Record) to apply a Prospective Change to the name of the Current LR. |
| 6401 – Change LR – Retrospective | Used where the New LR is required (either by a regulatory change or due to an error in the NMI Master Record) to apply a Retrospective Change to the name of the Current LR. |

33.2. Conditions Precedent

- The *NMI* exists in MSATS.
- The NMI Classification Code is SMALL or LARGE.

33.3. Initiating Roles

A New LR may initiate a Change Request to change an LR in MSATS in accordance with section 33.4.

33.4. LR Requirements

The New LR must:

- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate a Change Request with the following information:

| | | |
|--------------------|----------------------------|-----------------------------|
| Change Reason Code | Participant Transaction ID | <i>NMI</i> and NMI Checksum |
| Its Participant ID | Proposed Change Date | |

- Nominate itself as the New LR.

The New LR may, for Retrospective Changes, populate the Change Request with the following information:

| | | |
|-----------------|--|--|
| Actual End Date | | |
|-----------------|--|--|

33.5. Timeframe Rules

When preparing a Change Request, the New LR must choose a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 33-A.

Table 33-A – Timeframe Rules

CR 6400 – Change LR

| Objection Logging Period (business days) | | Objection Clearing Period (business days) | | Retrospective Period (business days) | Prospective Period (business days) |
|---|-----------|--|-----------|---|---------------------------------------|
| SMALL NMI | LARGE NMI | SMALL NMI | LARGE NMI | | |
| 1 | 1 | 10 | 20 | 0 | 65 |

CR 6401 – Change LR – Retrospective

| Objection Logging Period (business days) | | Objection Clearing Period (business days) | | Retrospective Period (business days) | Prospective Period (business days) |
|---|-----------|--|-----------|---|---------------------------------------|
| SMALL NMI | LARGE NMI | SMALL NMI | LARGE NMI | | |
| 1 | 1 | 10 | 20 | 130 | 0 |

33.6. Objection Rules

The 'Yes' Roles specified in Table 33-B may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 33-A.

Table 33-B – Objection Rules**

CR 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 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.

33.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 33-C.

Table 33-C – Change Request Status Notification Rules**

CR 6400 – Change LR

CR 6401 – Change LR – Retrospective

PARTICIPANT ROLE – Receives Notification of Change

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

34. CHANGE ROLE – CHANGE LR – CHILD NMI – SMALL OR LARGE

34.1. Application [6421]

Section 34 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|--|---|
| 6421 – Change LR – Child NMI – Retrospective | Used where the New LR for a Child NMI is required (due to an error in the NMI Master Record) to apply a Retrospective Change to the name of the Current LR. |

34.2. Conditions Precedent

- The *NMI* exists in MSATS.
- The NMI Classification Code is SMALL or LARGE.
- The New LR for the *child connection point* must be the FRMP of the Parent NMI.

34.3. Initiating Roles

A New LR may initiate a Change Request to change a LR in MSATS in accordance with section 34.4.

34.4. LR Requirements

The New LR must:

- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate a Change Request with the following information:

| | | |
|--------------------|----------------------------|-----------------------------|
| Change Reason Code | Participant Transaction ID | <i>NMI</i> and NMI Checksum |
| Its Participant ID | Proposed Change Date | |

- Nominate itself as the New LR.

The New LR may populate the Change Request with the following information:

| | | |
|-----------------|--|--|
| Actual End Date | | |
|-----------------|--|--|

34.5. Timeframe Rules

When preparing a Change Request, the New LR must choose a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown Table 34-A.

Table 34-A – Timeframe Rules

CR 6421 – Change LR Child NMI – Retrospective

| Objection Logging Period (business days) | | Objection Clearing Period (business days) | | Retrospective Period (business days) | Prospective Period (business days) |
|---|-----------|--|-----------|---|---------------------------------------|
| SMALL NMI | LARGE NMI | SMALL NMI | LARGE NMI | | |
| 1 | 1 | 10 | 20 | 130 | 0 |

34.6. Objection Rules

The 'Yes' Roles specified in Table 34-B may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 34-A.

Table 34-B – Objection Rules**

CR 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.

34.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 34-C.

Table 34-C – Change Request Status Notification Rules**

CR 6421 – Change LR Child NMI – Retrospective PARTICIPANT ROLE – 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.

35. CHANGE ROLE – CHANGE ROLR – SMALL OR LARGE

35.1. Application [6500 6501]

Section 35 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|------------------------------------|--|
| 6500 – Change RoLR | Used where the New RoLR is required (either by a regulatory change or due to an error in the NMI Master Record) to apply a Prospective Change to the name of the Current RoLR. |
| 6501 – Change RoLR – Retrospective | Used where the New RoLR is required (either by a regulatory change or due to an error in the NMI Master Record) to apply a Retrospective Change to the name of the Current RoLR. |

35.2. Conditions Precedent

- The *NMI* exists in MSATS.
- The NMI Classification Code is SMALL or LARGE.

35.3. Initiating Roles

A New RoLR may initiate a Change Request to change a RoLR in accordance with section 35.4.

35.4. ROLR Requirements

The New RoLR must:

- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate a Change Request with the following information:

| | | |
|--------------------|----------------------------|-----------------------------|
| Change Reason Code | Participant Transaction ID | <i>NMI</i> and NMI Checksum |
| Its Participant ID | Proposed Change Date | |

- Nominate itself as the New RoLR.

The New RoLR may, for Retrospective Changes, populate the Change Request with the following information:

| | | |
|-----------------|--|--|
| Actual End Date | | |
|-----------------|--|--|

35.5. Timeframe Rules

The Timeframe Rules are shown in the Table 35-A.

Table 35-A – Timeframe Rules

CR 6500 – Change RoLR

| Objection Logging Period (business days) | | Objection Clearing Period (business days) | | Retrospective Period (business days) | Prospective Period (business days) |
|---|-----------|--|-----------|---|---------------------------------------|
| SMALL NMI | LARGE NMI | SMALL NMI | LARGE NMI | | |
| 0 | 0 | 0 | 0 | 0 | 65 |

CR 6501 – Change RoLR – Retrospective

| Objection Logging Period (business days) | | Objection Clearing Period (business days) | | Retrospective Period (business days) | Prospective Period (business days) |
|---|-----------|--|-----------|---|---------------------------------------|
| SMALL NMI | LARGE NMI | SMALL NMI | LARGE NMI | | |
| 0 | 0 | 0 | 0 | 130 | 0 |

35.6. Objection Rules

Objections are not permitted.

35.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 35-B.

Table 35-B – Change Request Status Notification Rules**

CR 6500 – Change RoLR

CR 6501 – Change RoLR – Retrospective

PARTICIPANT ROLE – Receives Notification of Change

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

36. CHANGE ROLE – CHANGE MPB OR MPC OR BOTH – SMALL OR LARGE

36.1. Application [6700 6701]

Section 36 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|--|--|
| 6700 – Change MPB or MPC or both | Used where the Current MC is required to provide a Prospective Change to the Current MPB or MPC or both. |
| 6701 – Change MPB or MPC or both – Retrospective | Used where the Current MC is required to provide a Retrospective Change the Current MPB or MPC or both. |

36.2. Conditions Precedent

- The *NMI* exists in MSATS.
- The NMI Classification Code is SMALL or LARGE.

36.3. Initiating Roles

A Current MC may initiate a Change Request to change an MPB or MPC or both in accordance with section 36.4.

36.4. MC Requirements

The Current MC must:

- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate a Change Request with the following information:

| | | |
|--------------------|----------------------------|----------------------|
| Change Reason Code | Participant Transaction ID | NMI and NMI Checksum |
| Its Participant ID | Proposed Change Date | |

- Populate the Change Request with at least one of the following information:

| | | |
|-----|-----|--|
| MPB | MPC | |
|-----|-----|--|

The Current MC may:

- For Retrospective Changes, populate the Change Request with the following information:

| | | |
|-----------------|--|--|
| Actual End Date | | |
|-----------------|--|--|

36.5. MDP Requirements

On receipt of a Data Request for Change Reason Code 6700, the MDP must initiate a Change Request to provide the Actual Change Date.

36.6. Timeframe Rules

When preparing a Change Request, the Current MC must choose a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 36-A.

Table 36-A – Timeframe Rules

CR 6700 – Change MP

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 1 | 20 | 0 | 65 |

CR 6701 – Change MP – Retrospective

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

36.7. Objection Rules

The 'Yes' Roles specified in Table 36-B may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 36-A.

Table 36-B – Objection Rules**

CR 6700 – Change MP

CR 6701 – Change MP – 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 | - | - | - | - | - | - | - |
| NOTAPRD | ALL | ALL | - | - | - | - | - | - | - | - | - | - | - | - | - | Yes |
| DATEBAD | ALL | ALL | - | - | - | - | - | Yes | - | - | - | - | - | - | - | - |

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

36.8. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 36-C.

Table 36-C – Change Request Status Notification Rules**

CR 6700 – Change MP

CR 6701 – Change MP – Retrospective

PARTICIPANT ROLE – Receives Notification of Change

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

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

37. CHANGE ROLE – CHANGE MULTIPLE ROLES – SMALL OR LARGE

37.1. Application [6800 6801]

Section 37 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|--|---|
| 6800 – Change Multiple Roles | Used where the Current FRMP or Current MC is required to provide concurrent Prospective Changes to one or more Roles. |
| 6801 – Change Multiple Roles – Retrospective | Used where the Current FRMP or Current MC is required to provide concurrent Retrospective Changes to one or more Roles. |

37.2. Conditions Precedent

- The *NMI* exists in MSATS.
- The NMI Classification Code is SMALL or LARGE.
- The date of the change of MC, MDP, MPB or MPC will be the Actual Change Date.

37.3. Initiating Roles

- A Current FRMP may initiate a Change Request to change any or all of the MC, MDP, MPB and MPC in MSATS in accordance with section 37.4.
- A Current MC may initiate a Change Request to change any or all of the MDP, MPB and MPC in MSATS in accordance with section 37.5.

37.4. FRMP Requirements

The FRMP must:

- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate a Change Request with the following information:

| Change Reason Code | Participant Transaction ID | <i>NMI</i> and NMI Checksum |
|--------------------|----------------------------|-----------------------------|
| Participant ID | Proposed Change Date | |

- Populate a Change Request with one or more of the following:

| MDP | MPB | MPC |
|-----|-----|-----|
| RP | | |

The FRMP may:

- For Retrospective Changes, populate the Change Request with the following information:

| | | |
|-----------------|--|--|
| Actual End Date | | |
|-----------------|--|--|

37.5. MC Requirements

The MC must:

- 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 a Change Request with the following information:

| | | |
|--------------------|----------------------------|------------------------------------|
| Change Reason Code | Participant Transaction ID | <i>NMI</i> and <i>NMI</i> Checksum |
| Participant ID | Proposed Change Date | |

- (d) Populate a Change Request with one or more of the following:

| | | |
|-----|-----|-----|
| MDP | MPB | MPC |
|-----|-----|-----|

The MC may, for Retrospective Changes, populate the Change Request with the following information:

| | | |
|-----------------|--|--|
| Actual End Date | | |
|-----------------|--|--|

37.6. MDP Requirements

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 Reading, provide the Actual Change Date within 2 *days* of the Proposed Change Date being reached.
- (c) For changes that require a Meter Reading, provide the Actual Change Date within 2 *days* of the Meter Reading.

37.7. Timeframe Rules

When preparing a Change Request, the Current MC or Current FRMP (as applicable) must choose a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 37-A.

Table 37-A – Timeframe Rules

CR 6800 – Change Multiple Roles

| Objection Logging Period (<i>business days</i>) | Objection Clearing Period (<i>business days</i>) | Retrospective Period (<i>business days</i>) | Prospective Period (<i>business days</i>) |
|--|---|--|--|
| 1 | 20 | 0 | 65 |

CR 6801 – Change Multiple Roles – Retrospective

| Objection Logging Period (<i>business days</i>) | Objection Clearing Period (<i>business days</i>) | Retrospective Period (<i>business days</i>) | Prospective Period (<i>business days</i>) |
|--|---|--|--|
| 1 | 20 | 130 | 0 |

37.8. Objection Rules

The 'Yes' Roles specified in Table 37-B may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 37-A.

Table 37-B – Objection Rules**

CR 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 | |
| BADPARTY | ALL | ALL | - | - | - | - | - | - | - | - | - | - | - | - | Yes | - | - |
| CONTRACT | LARGE | ALL | - | - | - | - | - | - | - | - | - | - | - | - | Yes | - | - |
| DATEBAD | ALL | ALL | - | - | - | - | Yes | Yes | - | - | - | - | - | - | - | - | - |
| DECLINED | ALL | ALL | - | - | - | - | Yes | - | Yes | - | Yes | - | Yes | - | - | - | - |
| NOTAPRD | ALL | ALL | - | - | - | - | - | - | - | - | - | - | - | - | - | - | Yes |
| NOTRESP | ALL | ALL | - | - | - | - | - | Yes | - | Yes | - | Yes | - | - | - | - | - |
| NOACC | ALL | ALL | - | - | - | - | Yes | Yes | Yes | Yes | Yes | Yes | - | - | - | - | - |

CR 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 |
| BADPARTY | ALL | ALL | - | - | - | - | - | - | - | - | - | - | - | Yes | - | - |
| CONTRACT | LARGE | ALL | - | - | - | - | - | - | - | - | - | - | - | Yes | - | - |
| DATEBAD | ALL | ALL | - | - | - | - | Yes | Yes | - | - | - | - | - | - | - | - |
| DECLINED | ALL | ALL | - | - | - | - | Yes | - | 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.

37.9. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 37-C.

Table 37-C – Change Request Status Notification Rules**

CR 6800 – Change Multiple Roles

CR 6801 – Change Multiple Roles – Retrospective

PARTICIPANT ROLE – 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 |
| COMPLETED | - | Yes | - | Yes | - | Yes |
| OBJECTED | - | Yes | - | - | - | Yes |
| PENDING | - | Yes | - | - | - | - | Yes |
| REJECTED | - | Yes | - | - | - | - | - | - | - | - | - | - | - | Yes |
| REQUESTED | - | Yes | - | - | - | Yes |

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

38. AUTO CHANGE ROLE – CHANGE LOCAL RETAILER EMBEDDED NETWORK CHILD – SMALL OR LARGE

38.1. Application [ECLR]

Section 38 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|--|--|
| ECLR – Change of Local Retailer – Child (Auto) | This is an automatic process triggered by MSATS whenever the FRMP is changed for a Parent NMI. Once the Parent NMI is transferred, MSATS changes the LR for each of the Child NMIs in that Parent's <i>embedded network</i> . All Participants will be notified by MSATS of this event in accordance with the notifications listed below. |

38.2. Conditions Precedent

- The *NMI* exists in MSATS.
- There has been a change of FRMP of a Parent NMI;
- The affected Child NMIs apply to *child connection points* within this *embedded network*.

38.3. Timeframe Rules

The Proposed Change Date must be within the Retrospective Period specified in Table 38-A.

Table 38-A – Timeframe Rules

CR ECLR – Change of Local Retailer – Child (Auto)

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 130 | 0 |

38.4. Objection Rules

Objections are not permitted.

38.5. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 38-B.

Table 38-B – Change Request Status Notification Rules**

CR ECLR – Change of Local Retailer – Child (Auto)

PARTICIPANT ROLE – Receives Notification of Change

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

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

39. AUTO CHANGE ROLE – CHANGE SECONDARY FRMP PARENT – SMALL OR LARGE

39.1. Application [EPFR]

Section 39 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|---------------------------------------|---|
| EPFR – Change of FRMP – Parent (Auto) | This is an automatic process triggered by MSATS whenever the FRMP is changed for a Parent NMI. Once the Parent NMI is transferred, MSATS changes the FRMP on any other NMIs with the same Parent Name. This occurs where <i>embedded networks</i> have multiple Parent NMIs. All Participants will be notified of this in accordance with the Change Request Status Notification Rules |

39.2. Conditions Precedent

- The *NMI* exists in MSATS.
- There are additional Parent NMIs with the same Parent Name;
- There has been a change of FRMP of a Parent NMI; and
- The Parent NMIs of this *embedded network* are affected.

39.3. Timeframe Rules

The Proposed Change Date must be within the Retrospective Period specified in Table 39-A.

Table 39-A – Timeframe Rules

CR EPFR – Change of FRMP – Parent (Auto)

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 130 | 0 |

39.4. Objection Rules

Objections are not permitted.

39.5. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 39-B.

Table 39-B – Change Request Status Notification Rules¹

CR EPFR – Change of FRMP – Parent (Auto)

PARTICIPANT ROLE – Receives Notification of Change

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

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| Status Change | FRMP | | LR | | LNSP | | MDP | | MPB | | RoLR | | RP | |
|---------------|------|---|----|---|------|---|-----|---|-----|---|------|---|----|---|
| | N | C | N | C | N | C | N | C | N | C | N | C | N | C |
| REQUESTED | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

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

40. AEMO ONLY – AEMO-INITIATED STANDING DATA UPDATES – SMALL OR LARGE

40.1. Application [5100 5101]

Section 40 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|--|--|
| 5100 – Correct NMI Master Data – (AEMO Only) | Used where AEMO identifies a requirement for an urgent Prospective Change (i.e., in less time than it would take to change that data item because of the allowance for an Objection Logging Period) to MSATS data about a <i>connection point</i> or where several data items that normally can't be changed in the same transaction must be changed at the same time. |
| 5101 – Correct NMI Master Data – Retrospective (AEMO Only) | Used where AEMO identifies a requirement for an urgent Retrospective Change (i.e., in less time than it would take to change that data item because of the allowance for an Objection Logging Period) to MSATS data about a connection point or where several data items that normally can't be changed in the same transaction must be changed at the same time. |

40.2. Conditions Precedent

- The *NMI* exists in MSATS.
- The NMI Classification Code is SMALL or LARGE.

40.3. Initiating Roles

AEMO may initiate a Change Request to create a *NMI* record in accordance with section 40.4.

40.4. AEMO Requirements

AEMO must:

- Obtain the NMI Checksum from an approved source.
- Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- Populate a Change Request with the following information:

| | | |
|--------------------|----------------------------|-----------------------------|
| Change Reason Code | Participant Transaction ID | <i>NMI</i> and NMI Checksum |
| Its Participant ID | Proposed Change Date | |

AEMO may:

- 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 |
| Child Name | Parent Name | Aggregate Flag |
| Customer Classification Code | Customer Threshold Code | |

(e) Populate the Change Request with the following information for each Datastream:

| | | |
|--|-----------------------------------|-----------------------|
| NMI suffix (at least one) | Datastream Type (for each suffix) | ADL (for each suffix) |
| Datastream Status Code (for each suffix) | Profile Name (for each suffix) | |

(f) Populate the Change Request with the following information for each *meter*:

| | | |
|--------------------------------------|--|--|
| Meter Serial ID (at least one) | Metering Installation Type Code | Meter Register Status Code |
| Additional Site Information | NSRD | 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 User access to the <i>metering installation</i> such as pulse outputs) | |

(g) Populate the Change Request with the following information for each register:

| | | |
|--|---|--|
| Register ID (at least one for each <i>meter</i>) | Register Identifier Status Code (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 includes a demand component | Demand Value 2, if the Network Tariff includes a second 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) | | |

(h) For Retrospective Changes, populate the Change Request with the following information:

| | | |
|-----------------|--|--|
| Actual End Date | | |
|-----------------|--|--|

40.5. Timeframe Rules

When preparing a Change Request, AEMO must choose a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 40-A.

Table 40-A – Timeframe Rules

CR 5100 – Correct NMI Master Data – (AEMO Only)

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 0 | 65 |

CR 5101 – Correct NMI Master Data – Retrospective (AEMO Only)

| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
|---|--|---|---------------------------------------|
| 0 | 0 | 150 | 0 |

40.6. Objection Rules

Objections are not permitted.

40.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 40-B.

Table 40-B – Change Request Status Notification Rules**

CR 5100 – Correct NMI Master Data – (AEMO Only)

CR 5101 – Correct NMI Master Data – Retrospective (AEMO Only)

PARTICIPANT ROLE – Receives Notification of Change

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

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

41. AEMO ONLY – CHANGE ROLE, TNI OR DLF CODE – BULK CHANGE TOOL (BCT) – SMALL OR LARGE

41.1. Introduction

- (a) This is a special transaction undertaken by AEMO in limited circumstances, such as when a RoLR Event occurs as it is designed to manage bulk changes of Participant IDs, TNI Codes or DLF Codes.
- (b) The BCT can only be used by AEMO.
- (c) Section 41 covers changes to the following *NMI Standing Data* items:

| | | |
|----------|------|----------|
| LNSP | LR | FRMP |
| MDP | MPB | MPC |
| RP | RoLR | TNI Code |
| DLF Code | | |

- (d) Access rights to the BCT function are restricted and will only be available to a person nominated by AEMO.
- (e) When activated, BCT will use a unique Change Reason Code to update the data specified in the BCT request by AEMO.
- (f) When the BCT is used, active Change Requests may be Cancelled.
- (g) A BCT following a RoLR Event will change the identity of the Current FRMP in the NMI Master Record to the Participant ID of the Participant that the relevant Regulator has nominated to undertake the RoLR function. (Note the BCT does not use the information specified in the RoLR role against the *NMI*).
- (h) Where necessary, the BCT RoLR action will change the identity of the parent LR on the Child NMIs, provided these have been set up correctly in MSATS.
- (i) Notification of a change to the NMI Master Record as in accordance with the Change Request Status Notifications Rules.
- (j) Responsibilities for requesting, authorising and implementing use of the BCT will be as per Table 41-A.

Table 41-A – Request/Authorise/Implementation Scenarios

| Scenario | Request | Authorise | Implement |
|------------------------|----------------------------|-----------|-----------|
| Mergers & Acquisitions | Participants | AEMO | AEMO |
| TNI & DLF Code updates | Participants | AEMO | AEMO |
| RoLR Events | Relevant Regulator | AEMO | AEMO |
| Any other scenario | Jurisdictions/Participants | AEMO | AEMO |

41.2. Conditions Precedent

- (a) For all events:
 - (i) The *NMI* exists in MSATS.
 - (ii) The Effective Date of the BCT Change Requests shall always be retrospective.
 - (iii) The *NMI* can be any NMI Classification Code.

- (iv) AEMO has agreement on requirements and details from all parties impacted (except for RoLR Event).
- (v) The use of the BCT functionality is not dependant on the provision of any Meter Readings at the effective date.
- (b) RoLR Events:
See NEM ROLR Processes
- (c) Mergers & Acquisitions
The Participant IDs involved must have the same ABN and the same Jurisdictional licences.

41.3. Requesting Participant Requirements

Where Table 41-A indicates that a Participant may request the use of the BCT, 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 Classification Code | Jurisdiction Code |
| Parent Name (ID or "if null" or "if not null") | Child Name (ID or "if null" or "if not null") | The Tier Status (not required if both the LR and FRMP are provided as selection criteria) |
| <i>NMI</i> Limit (Maximum number of <i>NMIs</i> to be processed in the run) | Previous BCT Run Identifier (i.e. Change all <i>NMIs</i> 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 MC to nominate the MDP, MPB and MPC Roles.

The requesting Participant may further specify a list of *NMIs* to be used as part of the selection criteria.

41.4. Impacted Participant Requirements

Impacted Participants must:

- (a) Provide AEMO acceptance or rejection of the criteria set by the requesting Participant for use with the BCT.
- (b) Where rejecting the criteria set by the requesting Participant for use with the BCT, provide AEMO a reasonable justification for the rejection.

41.5. MDP Requirements

The MDP must update the activity status of any affected Datastreams via normal Change Request processes.

41.6. Timeframe Rules

- (a) The BCT can only be used to make Retrospective Changes.
- (b) The Timeframe Rules that apply to the appropriate Change Reason Code that would normally have applied will apply to BCT changes.

41.7. Objection Rules

Objections are not permitted.

41.8. Change Request Status Notification Rules

The Change Request Status Notification Rules 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.

42. ACCESS TO CATS STANDING DATA

42.1. Introduction

- (a) This section provides the rules for access to CATS Standing Data through MSATS.
- (b) Separate rules apply to CATS Standing Data that is available for NMI Discovery Search and CATS Standing Data that can be accessed by Participants with a relationship to a *NMI*.
- (c) ~~The entire set of CATS Standing Data and NMI Standing Data~~ for NMI Discovery Search is the specified sub-set of CATS Standing Data identified in Table ~~42-42-C~~.
- ~~(d) The entire set of CATS Standing Data is identified in Table 42-D, Table 42-E, Table 42-F, Table 42-G and Table 42-H.~~

42.2. Participant

- (a) In accordance with Jurisdictional requirements, a Participant may seek access to *NMI Standing Data* from MSATS as set out in section 42.3.1 for the purpose of identifying the *NMI* attributes assigned to a *connection point* or as otherwise permitted by the Jurisdiction.
- (b) If agreed with a potential End User, a Participant may seek access to *NMI Standing Data* from MSATS in accordance with section 42.3.2 for the purpose of identifying the *NMI Standing Data* assigned to a *connection point* or as otherwise prescribed by the Jurisdiction.
- (c) A Participant may seek access to *NMI Standing Data* from MSATS in accordance with section 42.3.4 only for the purpose of:
 - (i) Identifying the Current FRMP so the End User can be referred to them in order to arrange abolishment of the *NMI* from MSATS;
 - (ii) Identifying the Current FRMP to advise that an error correction transfer (CR 1021, 1023, 1024 and 1029) will be raised;
 - (iii) Identifying the Current FRMP to obtain agreement to raise a transfer CR 1010 – a Retrospective Change to align to Meter Reading; or
 - (iv) Identifying the most recent previous FRMP to arrange with them to raise a transfer in order to win back a *NMI* transferred in error: (CR 1022, 1025, 1026, 1027 and 1028).
- (d) A Current Participant is provided with access to CATS Standing Data in MSATS in accordance with ~~Table 42-D, Table 42-E, Table 42-F, Table 42-G, Table 42-H, Table 42-I and Table 42-J~~ Table 42-C.
- (e) For the purpose of this section, a reference to a:
 - (i) Participant;
 - (ii) *retailer*; or
 - (iii) FRMP,
 is also a reference to a *Customer's Disclosee* under section 8.6.2(b1) of the Rules.
- (f) An MC may seek access to *NMI Standing Data* from MSATS in accordance with section 42.3.5 only for the purpose of identifying the *NMI* Classification of 'LARGE' in order to arrange a change of MC.

42.3. Request a NMI Discovery Search

- (a) The following access to CATS Standing Data is available to a Participant in MSATS:

- (i) NMI Discovery Search 1;
- (ii) NMI Discovery Search 2 – *NMI Standing Data*;
- (iii) CATS Standing Data;
- ~~(iv)~~ (iv) NMI Discovery Search 3 – *NMI Standing Data*.
- ~~(v)~~ (v) *MC Standing Data Search*.
- (b) NMI Discovery Search 1 is used by a Participant to identify the *NMI* characters that have been assigned to an End User's *connection point*, as described in section 42.3.1.
- (c) NMI Discovery Search 2 is used by a Participant to identify the *NMI Standing data* that has been assigned to the End User's *connection point* and is available for release in accordance with NMI Standing Data Access Rules, as provided in section 42.3.2.
- (d) The CATS Standing Data Access Rules are contained in section 0.
- (e) A NMI Discovery Search 1 will only be successful if information is contained in MSATS that supports one of the following three options: DPID, Meter Serial ID and address.
- (f) NMI Discovery Search 3 is used by *retailers* to progress error correction CRs, identify the previous FRMP, or for seeking agreement to the raising of a retrospective align with meter read transfers.

42.3.1. NMI Discovery Search 1 – NMI Search Rules

- (a) The NMI Search Rules define what search parameters can be used in a Jurisdiction.
- (b) The available *NMI* search options are:
 - (i) DPID;
 - (ii) Meter Serial ID; and
 - (iii) Address (without DPID).
- (c) Any or all of these options can be activated. Activation is in the ascending order shown in paragraph (b).
- (d) If a search is carried out using the address option, the state and locality (or state and postcode) must also be provided.
- (e) If a search is carried out using Meter Serial ID 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 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 MSATS.
- (g) If a NMI Master Record does not contain DPID or address information, the *NMI* search will only be successful if a Meter Serial ID is provided as a search option.
- (h) MSATS 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, MSATS enables the 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, MSATS will return to the Participant the following data contained in Table 42-C, 42-X:

Table 42-A

| MSATS Name | Description of data items returned on a successful NMI Discovery Search request | Only if "Address returned in stage 1" is turned on |
|------------------------------|--|--|
| Building Name | See Table 42-E for description | ✓ |
| Customer Classification Code | See Table 42-E for description | ✓ |
| Customer Threshold Code | See Table 42-E for description | ✓ |
| DPID Number | See Table 42-E for description | ✓ |
| EmbNet Child | See Table 42-E for description | ✓ |
| EmbNet Parent | See Table 42-E for description | ✓ |
| Feeder Class | See Table 42-E for description | ✓ |
| Flat Number | See Table 42-E for description | ✓ |
| Flat Type | See Table 42-E for description | ✓ |
| Floor Number | See Table 42-E for description | ✓ |
| Floor Type | See Table 42-E for description | ✓ |
| House Number | See Table 42-E for description | ✓ |
| House Number Suffix | See Table 42-E for description | ✓ |
| LNSP | Local Network Service Provider or <i>Embedded Network Manager</i> for a child connection point | Always returned |
| Locality | See Table 42-E for description | ✓ |
| Location Descriptor | See Table 42-E for description | ✓ |
| Lot Number | See Table 42-E for description | ✓ |
| NMI | a 10 digit national metering identifier | Always returned |
| NMI Checksum | a single digit number used to validate the NMI supplied to MSATS | Always returned |
| Postcode | See Table 42-E for description | ✓ |
| State | See Table 42-E for description | ✓ |
| Street Name | See Table 42-E for description | ✓ |
| Street Suffix | See Table 42-E for description | ✓ |
| Street Type | See Table 42-E for description | ✓ |
| Unstructured Address 2 | See Table 42-E for description | ✓ |
| Unstructured Address 3 | See Table 42-E for description | ✓ |
| Unstructured Address 1 | See Table 42-E for description | ✓ |

(k)(i) No other information will be provided.

(k) The NMI Search Rules are shown in Table 42-A.

(m)(i) The LNSP must:

- (i) ~~Q~~ Only carry out a NMI Discovery Search 1 on any *NMIs* where they are the Current LNSP.
- (ii) Only perform NMI Discovery Search 1 within its local area for the purpose of responding to a request from a *retailer* to assist in the resolution of a *NMI Standing Data* problem, or to perform quality checks of its data within MSATS.

~~(m)~~ The ENM must only carry out a NMI Discovery Search 1 on any *NMIs* where they are the Current ENM.

Table 42-A – NMI Search Rules

| Role | DPID | Meter Serial ID | NMI Address | Address returned in Stage 1 | Number of Records Returned if Multiple Match |
|------|------|-----------------|-------------|-----------------------------|--|
| FRMP | Yes | Yes | Yes | Yes | 99 |
| LNSP | | | | | |

42.3.2. NMI Discovery Search 2 – NMI Standing Data Access Rules

- (a) This section 42.3.2 specifies the *NMI Standing Data* that is available to *retailers* and NSPs who do not have Explicit Informed Consent from an End User.
- (b) An LNSP must:
 - (i) Only carry out a NMI Discovery Search 2 on any *NMIs* where they are the Current LNSP.
 - (ii) Only perform NMI Discovery Search 2 activity within its local area for the purpose of responding to a request from a *retailer* to assist in the resolution of a *NMI Standing Data* problem, or to perform quality checks of its data within MSATS.
- (c) The ENM must only carry out a NMI Discovery Search 2 on any *NMIs* where they are the Current ENM.
- (d) The NMI Data Access Rules define:
 - (i) Which Role can initiate a request for *NMI Standing Data*.
 - (ii) Which standing data items will be returned when a request is submitted to MSATS.

~~(e)~~ The NMI Data Access Rules may be defined by Jurisdiction.

~~(e)~~

The 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 Error! Reference source not found.. Further details of each data item can be found in the MSATS standing data tables from the "Standing Data for MSATS" document.

42.3.3. 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 as follows:
 - (i) Meter Register;
 - (ii) NMI Data;
 - (iii) NMI Datastream;



- (iv) NMI Participant Relations;
- (v) Register ID.

The CATS Standing Data Access Rules are shown in [Table 42-D](#), [Table 42-E](#), [Table 42-F](#), [Table 42-G](#), and [Table 42-H](#) [Table 42-C](#).

Table 42-D – CATS Standing Data Access Rules for Meter Register

METER REGISTER

| Jur'n | Data Item | Description | FRMP | FR | LNPF | MDP | MFB | MPC | RP | ReLR | NEMM1 | NSP2 |
|-------|--------------------|---|------|-----|------|-----|-----|-----|-----|------|-------|------|
| ALL | AddSiteInfo | This field is used to provide any additional information about a 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 Test Plan is used, this is the name of the AEMO-approved plan. | Yes | - | - | Yes | Yes | Yes | Yes | - | Yes | - |
| ALL | Calibration Tables | Details of any calibration factors programmed into the meter. | Yes | - | - | Yes | Yes | Yes | Yes | - | Yes | - |
| ALL | CommEquip Type | 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 | - |
| ALL | EstInstruct | Textual instructions on how to estimate the Meter Reading if an Estimated Reading 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 | Measurement Type | Code indicating how the meter is measuring, example values include, aggregate, consumption, programmable, interval. | Yes | - | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes |

| Jur'n | Data Item | Description | FRMP | LR | ENSP | MDP | MPB | MPC | RP | RoLR | NEMM4 | NSP2 |
|-------|--------------------|--|---------|---------|---------|---------|---------|---------|---------|------|---------|---------|
| ALL | MeterConstant | Multiplier applied to the meter to arrive at the consumption. | Ye s | - | Ye s | Ye s | Ye s | Ye s | Ye s | - | Ye s | Ye s |
| ALL | MeterHazard | Code or text indicating any dangerous conditions that may have been identified at the Site. | Ye s | - | Ye s | Ye s | Ye s | Ye s | Ye s | - | Ye s | Ye s |
| ALL | MeterInstall Code | The Metering Installation Type Code 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, the MP must supply the Actual Change Date before the Change Request is Completed. If it does not have to be manually read, the Change Request can be Completed as of the requested transfer date. | Ye s | - | Ye s | Ye s |
| ALL | MeterLocation | Code or text indicating where the meter is physically located at the premises. | Ye s | - | Ye s | Ye s | Ye s | Ye s | Ye s | - | Ye s | Ye s |
| ALL | Meter Manufacturer | The manufacturer code for the meter. | Ye s | - | - | Ye s | Ye s | Ye s | Ye s | - | Ye s | - |
| ALL | MeterModel | The manufacturer's model number for the meter. | Ye s | - | - | Ye s | Ye s | Ye s | Ye s | - | Ye s | - |
| ALL | MeterPoint | An additional metering identifier field. | Ye s | - | Ye s | Ye s |
| ALL | MeterProgram | For programmable meters, an identifier of the program run at the meter. | Ye s | - | - | Ye s | Ye s | Ye s | Ye s | - | Ye s | - |
| ALL | MeterReadType | Code indicating how the meter is read Refer to "Standing data for MSATS" document for further details. | Ye s | - | Ye s | - |
| ALL | MeterRoute | The route identifier the meter is currently being read in. | Ye s | - | - | Ye s | Ye s | Ye s | Ye s | - | Ye s | - |
| ALL | MeterSerial | The serial number that uniquely identifies a meter for a given NMI. | Ye s | - | Ye s | Ye s |
| ALL | MeterStatus | Code used to indicate the status of the meter. | Ye s | - | Ye s | Ye s |
| ALL | MeterUse | Code indicating revenue meter, check meter, load research, etc. | Ye s | - | Ye s | Ye s | Ye s | Ye s | Ye s | - | Ye s | Ye s |

| Jur'n | Data Item | Description | FRMP | LR | LNSP | MDP | MPB | MPC | RP | RoLR | NEMM4 | NSP2 |
|-------|----------------------|--|----------|----------|----------|----------|----------|----------|----------|------|----------|----------|
| ALL | NextSchRead Date | Indicates the NSRD for the meter if a reading is required. | Yes s | - | Yes s | Yes s |
| ALL | NextTestDate | Next date on which the meter should be tested. | Yes s | - | - | Yes s | Yes s | Yes s | Yes s | - | Yes s | - |
| 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 s | - | - | Yes s | Yes s | Yes s | Yes s | - | Yes s | - |
| ALL | ReadTypeCode | Code used to indicate whether a meter should be read on the NSRD, a Special Read Date or an Estimated Reading. | Yes s | - | - | Yes s | Yes s | Yes s | Yes s | - | Yes s | - |
| VIC | RemotePhone Number | The phone number for remote access. | - | - | - | Yes s | Yes s | - | Yes s | - | Yes s | - |
| NSW | RemotePhone Number | The phone number for remote access. | - | - | - | Yes s | Yes s | - | Yes s | - | Yes s | - |
| ACT | RemotePhone Number | The phone number for remote access. | - | - | - | Yes s | Yes s | - | Yes s | - | Yes s | - |
| QLD | RemotePhone Number | The phone number for remote access. | - | - | - | Yes s | Yes s | - | Yes s | - | Yes s | - |
| SA | RemotePhone Number | The phone number for remote access. | - | - | Yes s | Yes s | Yes s | - | Yes s | - | Yes s | Yes s |
| ALL | TestCalibProgram | Current test and calibration program details. | Yes s | - | Yes s | Yes s | Yes s | - | Yes s | - | Yes s | Yes s |
| ALL | TestPerformed By | Who performed the last test. This field could be used to store a company or individual's name. | Yes s | - | - | Yes s | Yes s | Yes s | Yes s | - | Yes s | - |
| ALL | TestResult Accuracy | The accuracy of the meter from the last test. | Yes s | - | - | Yes s | Yes s | Yes s | Yes s | - | Yes s | - |
| ALL | TestResult Notes | Any text or further test information. | Yes s | - | - | Yes s | Yes s | Yes s | Yes s | - | Yes s | - |
| ALL | Transformer Location | Indicates where the transformer is in relation to the meter. | Yes s | - | Yes s | Yes s | Yes s | Yes s | Yes s | - | Yes s | Yes s |
| ALL | UserAccess Rights | Details of any End User access to the metering installation. Examples include pulse outputs, interface to End User load management system, or End User directly accessing data in the meter through special agreement. | Yes s | - | - | Yes s | Yes s | Yes s | Yes s | - | Yes s | - |
| ALL | Transformer Ratio | Instrument transformer ratios (available and connected). | Yes s | - | Yes s | Yes s | Yes s | Yes s | Yes s | - | Yes s | Yes s |

| Jur'n | Data Item | Description | FRMP | LR | ENSP | MDP | MPB | MPC | RP | ReLR | NEMM | NSP2 |
|-------|------------------|----------------------------------|------|----|------|-----|-----|-----|-----|------|------|------|
| ALL | Transformer Type | Type of transformation employed. | Yes | - | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes |

Table 42-E – CATS Standing Data Access Rules for NMI data

NMI DATA

| Jur'n | Data Item | Description | FRMP | LR | ENSP | MDP | MPB | MPC | RP | ReLR | NEMM | NSP2 |
|-------|------------------------------|--|------|-----|------|-----|-----|-----|-----|------|------|------|
| ALL | AggFlag | A flag that may be used for the transition from MAS to MSATS. This field is used by MDM 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 | Customer Classification Code | A code that defines the End User 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 Child NMI is part of. (If on a NMI record this field is not populated, it is assumed the NMI is not the Child NMI of any other Parent NMI.) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes |

| Jur'n | Data Item | Description | FRAMP | FR | LNSP | MDP | MPB | MPC | RP | ReLR | NEMM1 | NEM2 |
|-------|---------------------|---|----------|----------|----------|----------|----------|----------|----------|------|----------|----------|
| ALL | EmbNetParent | The embedded network identifier code is used to identify which embedded network this 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 s | - | Yes s | Yes s |
| ALL | FlatNumber | Specification of the number of the flat or unit which is a separately identifiable portion within a building/complex. | Yes s | - | Yes s | Yes s |
| 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 s | - | Yes s | Yes s |
| ALL | FloorNumber | Floor Number is used to identify the floor or level of a multi-storey building/complex. | Yes s | - | Yes s | Yes s |
| 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 s | - | Yes s | Yes s |
| ALL | HouseNum | The numeric reference of a house or property. Specifically the house number. | Yes s | - | Yes s | Yes s |
| ALL | HouseNum Suffix | The numeric reference of a house or property. Specifically the single character identifying the house number suffix. | Yes s | - | Yes s | Yes s |
| ALL | Jurisdiction Code | Jurisdiction Code to which the NMI belongs. | Yes s | - | Yes s | Yes s |
| ALL | Locality | The full name of the general locality containing the specific address. | Yes s | - | Yes s | Yes s |
| ALL | Location Descriptor | A general field to capture various references to address locations alongside another physical location. | Yes s | - | Yes s | Yes s |
| ALL | Lot Number | The lot reference number allocated to an address prior to street numbering. | Yes s | - | Yes s | Yes s |



| Jur'n | Data Item | Description | FRAMP | FR | LNSP | MDP | MPB | MPC | RP | ReLR | NEMM1 | NSP2 |
|-------|-------------------------|--|-------|-----|------|-----|-----|-----|-----|------|-------|------|
| ALL | NMI | National Meter Identifier—unique identification for each connection point. | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| ALL | NMI Classification 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 | TNCode | Transmission Node Identifier. Identifies a transmission network connection point. | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes |
| 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 a DNSP's distribution feeder. | Yes | Yes | Yes | - | - | - | Yes | - | Yes | - |



Table 42-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 <i>connection point</i> or <i>metering point</i> over an extended period normalised to a per day basis. | Yes | Yes | Yes | Yes | Yes | - | Yes | - | Yes | Yes |
| ALL | DataStream Type | Indicates the type of data that the Datastream will report includes interval and accumulation. | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes |
| ALL | ProfileName | See Retail Market Procedures – Glossary and Framework | 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 42-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 <i>Market Participant</i> , e.g. Current Retailer. | Yes | | Yes | Yes | Yes | - | Yes | - | Yes | Yes |
| ALL | LNSP | Current <i>Local Network Service Provider</i> (or ENM for a <i>child connection point</i>). | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| ALL | LR | Current <i>local retailer</i> . | Yes | Yes | Yes | Yes | Yes | - | Yes | - | Yes | |
| ALL | MDP | Current MDP – Category D. | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes |
| ALL | MPB | Current MP – Category B. | Yes | - | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes |
| ALL | MPC | Current MDP – Category C. | Yes | - | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes |
| ALL | NEMM | | Yes | - | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes |
| ALL | ROLR | Current <i>Retailer of Last Resort</i> . | Yes | - | Yes | Yes | Yes | - | Yes | Yes | Yes | Yes |
| ALL | RP | Current <i>Metering Coordinator</i> . | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes |
| ALL | NSP2 | Current <i>Second Network Service Provider</i> . | | | Yes | Yes | | | Yes | | Yes | Yes |

Table 42-H – CATS Standing Data Access Rules for Register IDs

REGISTER ID

| Jur'n | Data Item | Description | FRAMP | FR | LNSP | MDP | MPB | MPC | RP | ROLR | NEMM4 | NISP2 |
|-------|--------------------|--|-------|-----|------|-----|-----|-----|-----|------|-------|-------|
| 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 | Controlled Load | 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. | 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. | 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. 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 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 | RegisterId Status | 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 |

| Jur'n | Data Item | Description | FRMP | LR | LNSP | MDP | MPB | MPC | RP | ReLR | NEMM | NISP2 |
|-------|----------------|--|------|----|------|-----|-----|-----|-----|------|------|-------|
| ALL | TimeOfDay | A code that indicates the time validity of the register's contents. | Yes | - | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes |
| ALL | UnitOf Measure | A code to identify the unit of measure for the data held in this register. | Yes | - | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes |

42.3.4. NMI Discovery Search 3 – NMI Standing Data Access Rules

- (a) This section specifies the *NMI Standing Data* available to *retailers* who are:
- seeking to progress error correction transfers (prior to initiating a CR 1021, 1023, 1024 and 1029);
 - seeking agreement to the raising of a Retrospective Change on a date that aligns with a previous Meter Reading (CR 1010);
 - seeking the previous FRMP to win back a *NMI* won in error – (CR 1022, 1025, 1026, 1027 and 1028); and
 - ~~Who are~~ not the FRMP and in receipt of an End User's request for abolishment of a *NMI* from MSATS.
- (b) A *retailer* must only perform NMI Discovery Search 3 on any *NMIs* for the reasons stated in paragraph (a).
- (c) The NMI Standing Data Access Rules for this transaction define which:
- Role can initiate a request for *NMI Standing Data*.
 - Standing data items will be returned when a request is submitted to MSATS.
- (d) The Roles that can initiate the NMI Discovery Search 3 are specified ~~in~~ by the Retailer based on criteria in Table 42-C.

Table 42-1 – NMI Standing Data Access Rules for Participant Relations

PARTICIPANT RELATIONS

| Jur'n | Data Item | Description | FRMP | LR | LNSP | MDP | MPB | MPC | RP | ReLR | NEMM | NISP2 |
|-------|-----------|---|------|----|------|-----|-----|-----|----|------|------|-------|
| ALL | FRMP | Financially Responsible Market Participant. | Yes | - | - | - | - | - | - | - | - | - |
| ALL | LNSP | Current Local Network Service Provider, or Embedded Network Manager for a child connection point. | - | - | - | - | - | - | - | - | - | - |
| 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. | - | - | - | - | - | - | - | - | - | - |

| Jur'n | Data Item | Description | FRMP | LR | LNSP | MDP | MPB | MPC | RP | RoLR | NEMM | NSP2 |
|-------|-----------|---|------|----|------|-----|-----|-----|----|------|------|------|
| ALL | NEMM | | - | - | - | - | - | - | - | - | - | - |
| ALL | RoLR | Current Retailer of Last Resort. | - | - | - | - | - | - | - | - | - | - |
| ALL | RP | Current Metering Coordinator. | - | - | - | - | - | - | - | - | - | - |
| ALL | NSP2 | Current Second Network Service Provider | - | - | - | - | - | - | - | - | - | - |

- (e) When initiating NMI Discovery Search 3, a *retailer* must ensure:
- 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 Search 3 date.
 - 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.)
 - When using the reason of MCR, Missed CR1500 error, a CR1500 was not submitted in the past 130 *business days* from the NMI Discovery Search 3 date.
 - When using the reason of NNS (New NMI Setup Error – see Table 42-B), the *NMI* was created in the past 130 *business days* from the NMI Discovery Search 3 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 42-B.

Table 42-B – NMI Standing Data Items returned in all Jurisdictions for a Search 3 Search Request per 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. |
| ITD | Incorrect Transfer Date Error | FRMP, End Date | Up to 10 character code representing the identity of the most recent previous FRMP. End Date of the most recent previous FRMP record. |
| MCR | Missed CR1500 Error | FRMP | Up to 10 character code representing the identity of the Current FRMP. |
| NNS | New NMI Setup Error | FRMP | Up to 10 character code representing the identity of the Current FRMP. |
| OTR | Other Transfer Error | FRMP | Up to 10 character code representing the identity of the Current FRMP. |
| SAB | Site Abolishment | FRMP, Start Date | Up to 10 character code representing the identity of the Current FRMP. Start Date of the Current FRMP record. |
| TRI | Transferred In Error | FRMP, Start Date | Up to 10 character code representing the identity of the Current FRMP. Start Date of the Current FRMP record. |

| Reason code | Description | MSATS Name of the data item returned | Description of data item returned on a successful request |
|-------------|-----------------------|--------------------------------------|--|
| TRI | Transferred In Error | FRMP, End Date | Up to 10 character code representing the identity of the most recent previous FRMP. End Date of the most recent previous FRMP record. |
| TRM | Transfer Missed Error | FRMP | Up to 10 character code representing the identity of the Current FRMP. |

42.3.5. MC Standing Data Search – NMI Standing Data Access Rules

- (a) This section 42.3.5 specifies the NMI Standing Data that is available to MCs who do not have Explicit Informed Consent from an End User.
- (b) A current or prospective MC must:
 - (i) Only carry out an MC Standing Data Search on NMIs where they are the Current MC; or
 - (ii) Only perform MC Standing Data Search activity for the purpose of responding to a request from a large customer/retailer to assist in the appointment of the prospective MC.
- (c) The NMI Data Access Rules define:
 - (i) Which Role can initiate a request for NMI Standing Data; and
 - (ii) Which standing data items will be returned when a request is submitted to MSATS.
- (d) The NMI Data Access Rules may be defined by Jurisdiction.
- (e) The NMI Standing Data items returned to an MC in all Jurisdictions on a successful data access request are specified in- [Table 42-C](#).

Table 42-K – Common NMI Standing Data Items returned for an MC Standing Data Search.

(The following data is based on the MSATS-C7 report with the inclusion of Controlled Load and NMI Classification Code).

| MSATS Name | Data item description | MSATS standing data table |
|------------|--|---------------------------|
| Address | This includes all address fields, which comprise DPID, building name, flat number, flat type, floor number, floor type, house number, house number suffix, location descriptor, Lot Number, street name, street suffix, street type, Unstructured Address1, Unstructured Address2, Unstructured Address3, postcode, locality, and state. | CATS_NMI_DATA |
| ADL | 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 |

| MSATS-Name | Data-item-description | MSATS-standing-data-table |
|---------------------------------|--|--------------------------------|
| 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 |
| Customer—Classification Code | See section 4.10.1. | CATS_NMI_DATA |
| Customer-Threshold-Code | See section 4.10.2. | CATS_NMI_DATA |
| Datastream-Status-Code | See section 4.11. | CATS_NMI_DATA_STREAM |
| Datastream-Type | A code to indicate the type of data that the Datastream will report: includes interval and accumulation. | CATS_NMI_DATA_STREAM |
| DLF-Code | A code representing the DLF. | CATS_NMI_DATA |
| Jurisdiction-Code | See section 4.5. | CATS_NMI_DATA |
| FRMP | A code representing the identity of the FRMP. | CATS_NMI_PARTICIPANT_RELATIONS |
| LNSP | A code representing the identity of the LNSP. | CATS_NMI_PARTICIPANT_RELATIONS |
| LR | A code representing the identity of the LR. | CATS_NMI_PARTICIPANT_RELATIONS |
| MDP | A code representing the identity of the MDP (Category-D). | CATS_NMI_PARTICIPANT_RELATIONS |
| Meter-Serial-ID | The serial number that uniquely identifies a meter for a given NMI. | CATS_METER_REGISTER |
| Metering-Installation-Type Code | See section 4.12. | CATS_METER_REGISTER |
| MPB | A code representing the identity of the MP (Category-B). | CATS_NMI_PARTICIPANT_RELATIONS |
| MPC | A code representing the identity of the MDP (Category-C). | CATS_NMI_PARTICIPANT_RELATIONS |
| Multiplier | Multiplier required to take a register value and turn it into a value representing billable energy. | CATS_REGISTER_IDENTIFIER |
| Network-Tariff-Code | A code representing the Network-Tariff. | CATS_REGISTER_IDENTIFIER |
| Next-Scheduled-Read-Date | The NSRD in date format. | CATS_METER_REGISTER |
| NMI-Classification-Code | See section 4.9. | CATS_NMI_DATA |

| MSATS Name | Data item description | MSATS standing data table |
|---------------------------------|--|--------------------------------|
| NMI Status Code | See section 4.11.1 | CATS_NMI_DATA |
| Register ID | The register ID of the register that the Network Tariff Code and Network Tariff Code additional information refers to. | CATS_REGISTER_IDENTIFIER |
| Register Identifier Status Code | A lookup code to indicate if register is active. | CATS_REGISTER_IDENTIFIER |
| ROLR | A code representing the identity of the ROLR. | CATS_NMI_PARTICIPANT_RELATIONS |
| RP | A code representing the identity of the MC. | CATS_NMI_PARTICIPANT_RELATIONS |
| Time Of Day | Industry developed Codes to identify the time validity of register contents. | CATS_REGISTER_IDENTIFIER |
| TNI Code | A code representing the transmission node identifier. | CATS_NMI_DATA |
| Unit of Measure | A code to identify the Unit of Measure (UOM) for data held in this register. | CATS_REGISTER_IDENTIFIER |

Table 42-C – NMI Standing Data Items and NMI Discovery Data Access Rules

| Data Item | Description | Jurisdiction | Standing Data Access Rights | | | | | | | | | | | NMI Discovery / NMI Search | | | |
|--|---|--------------|-----------------------------|-----|------|-----|-----|-----|-----|------|-----|------|--------|----------------------------|--------|-----|--|
| | | | FRMP | LR | LNSP | MDP | MPB | MPC | RP | RoLR | NEM | NSP2 | Type 1 | Type 2 | Type 3 | MC | |
| MSATS Standing Data Table: NMI DATA (CATS, NMI, DATA) | | | | | | | | | | | | | | | | | |
| <u>AggFlag</u> | <u>A flag that may be used for the transition from MAS to MSATS. This field is used by MDM to determine which settlement reports data goes into, that is whether it should be aggregated or not. Can be a 'Y' or 'N'.</u> | ALL | Yes | Yes | Yes | Yes | Yes | - | Yes | - | Yes | | Yes | - | - | - | |
| <u>BuildingName</u> | <u>The full name used to identify the physical building or property as part of its location.</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | * | Yes | Yes | |
| <u>Customer Classification Code</u> | <u>A code that defines the End User class as defined in the National Energy Retail Regulations, or in over-riding Jurisdictional instruments. (see section 4.10.1)</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | * | Yes | Yes | |
| <u>Customer Threshold Code (CustomerThreshold Code)</u> | <u>A code that defines the consumption threshold as defined in the National Energy Retail Regulations, or in over-riding Jurisdictional instruments. (see section 4.10.2)</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | * | Yes | Yes | |
| <u>DLF Code (DLFCode)</u> | <u>DLF Code used to indicate the DLF value for the given NMI.</u> | ALL | Yes | Yes | Yes | Yes | Yes | - | Yes | - | Yes | | Yes | - | Yes | Yes | |

See Table 41-B for configurable items returned

| Data Item | Description | Jurisdiction | Standing Data Access Rights | | | | | | | | | | NMI Discovery / NMI Search | | | | |
|-----------------------------------|---|--------------|-----------------------------|-----|------|-----|-----|-----|-----|------|-----|------|----------------------------|--------|--------|-----|-----|
| | | | FRMP | LR | LNSP | MDP | MPB | MPC | RP | RoLR | NEM | NSP2 | Type 1 | Type 2 | Type 3 | MC | |
| <u>DPID</u> | <u>Delivery point identifier – the numeric descriptor for a postal delivery point which is equal to a physical address.</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | * | Yes | - |
| <u>Child Name (EmbNetChild)</u> | <u>The embedded network identifier code is used to identify which embedded network this Child NMI is part of. (If on a NMI record this field is not populated, it is assumed the NMI is not the Child NMI of any other Parent NMI.)</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | * | Yes | - |
| <u>Parent Name (EmbNetParent)</u> | <u>The embedded network identifier code is used to identify which embedded network this 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.)</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | * | Yes | - |
| <u>Feeder Class</u> | <u>To provide a 15 character long field in varchar format for logical grouping of NMIs based on a DNSP's distribution feeder.</u> | ALL | Yes | Yes | Yes | - | - | - | Yes | - | Yes | | | Yes | * | Yes | - |
| <u>FlatNumber</u> | <u>Specification of the number of the flat or unit which is a separately identifiable portion within a building/complex.</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | * | Yes | Yes |

| Data Item | Description | Jurisdiction | Standing Data Access Rights | | | | | | | | | | NMI Discovery / NMI Search | | | | |
|--------------------------|--|--------------|-----------------------------|-----|------|-----|-----|-----|-----|------|-----|------|----------------------------|--------|--------|-----|-----|
| | | | FRMP | LR | LNSP | MDP | MPB | MPC | RP | RoLR | NEM | NSP2 | Type 1 | Type 2 | Type 3 | MC | |
| <u>FlatType</u> | <u>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.</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | * | Yes | Yes |
| <u>FloorNumber</u> | <u>Floor Number is used to identify the floor or level of a multi-storey building/complex.</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | * | Yes | Yes |
| <u>FloorType</u> | <u>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.</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | * | Yes | Yes |
| <u>HouseNum</u> | <u>The numeric reference of a house or property. Specifically the house number.</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | * | Yes | Yes |
| <u>HouseNum Suffix</u> | <u>The numeric reference of a house or property. Specifically the single character identifying the house number suffix.</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | * | Yes | Yes |
| <u>Jurisdiction Code</u> | <u>Jurisdiction Code to which the NMI belongs.</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | - | Yes | Yes |

| Data Item | Description | Jurisdiction | Standing Data Access Rights | | | | | | | | | | NMI Discovery / NMI Search | | | | |
|-------------------------------|---|--------------|-----------------------------|-----|------|-----|-----|-----|-----|------|-----|------|----------------------------|--------|--------|----|-----|
| | | | FRMP | LR | LNSP | MDP | MPB | MPC | RP | RoLR | NEM | NSP2 | Type 1 | Type 2 | Type 3 | MC | |
| <u>Last Read Date</u> | <u>The date of the Last Meter Read performed by the MDP.</u> | All | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | | | - |
| <u>Last Read Quality Flag</u> | <u>A code representing the quality of the Last Meter Read performed by the MDP.</u> <u>Values permitted include:</u> <u>A – Actual</u> <u>S- Substitute</u> <u>F – Final Substitute</u> | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | | | - |
| <u>Locality</u> | <u>The full name of the general locality containing the specific address.</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | Yes | | Yes |
| <u>Location Descriptor</u> | <u>A general field to capture various references to address locations alongside another physical location.</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | Yes | | Yes |
| <u>Lot Number</u> | <u>The lot reference number allocated to an address prior to street numbering.</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | Yes | | Yes |
| <u>NMI</u> | <u>National Meter Identifier – unique identification for each connection point.</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | Yes | Yes | | Yes |

Commented [AEMO2]: The naming of Last Read Date and Last Read Quality Flag are subject to ASWG submission, change and approval processes. It is important to note that the field names may change and values will be defined.

MSATS PROCEDURES



| Data Item | Description | Jurisdiction | Standing Data Access Rights | | | | | | | | | | NMI Discovery / NMI Search | | | | | | | |
|--|---|--------------|-----------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----------------------------|------------|------------|------------|------------|------------|------------|------------|
| | | | FRMP | LR | LNSP | MDP | MPB | MPC | RP | RoLR | NEM | NSP2 | Type 1 | Type 2 | Type 3 | MC | | | | |
| <u>NMI Checksum</u> | <u>A single digit number used to validate the NMI supplied to MSATS</u> | <u>All</u> | - | - | - | - | - | - | - | - | - | - | - | - | - | - | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> |
| <u>NMI Classification Code</u> | <u>A code that identifies, on a Jurisdiction basis, the magnitude of the power consumed, eg small or large. (see section 4.9)</u> | <u>ALL</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> |
| <u>NMI Status Code (NMIStatusCode)</u> | <u>Code used to indicate the status of the NMI, i.e. active, de-energised, extinct. (See section 4.11)</u> | <u>ALL</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> |
| <u>Postcode</u> | <u>The numeric descriptor for a postal delivery area, aligned with locality, suburb or place.</u> | <u>ALL</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> |
| <u>State</u> | <u>Defined State or Territory abbreviation. Values permitted include: AAT, ACT, NSW, NT, QLD, SA, TAS, VIC, WA.</u> | <u>ALL</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> |
| <u>StreetName</u> | <u>Records the thoroughfare name.</u> | <u>ALL</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> |

| Data Item | Description | Jurisdiction | Standing Data Access Rights | | | | | | | | | | NMI Discovery / NMI Search | | | | | |
|---------------------------------------|---|--------------|-----------------------------|-----|------|-----|-----|-----|-----|------|-----|------|----------------------------|--------|--------|-----|--|-----|
| | | | FRMP | LR | LNSP | MDP | MPB | MPC | RP | RoLR | NEM | NSP2 | Type 1 | Type 2 | Type 3 | MC | | |
| StreetSuffix | Records any street suffixes. Values permitted include: CN, E, EX, OR, N, NE, NW, S, SE, SW, UP, W | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | * | Yes | | Yes |
| StreetType | Records the street type abbreviation. Available abbreviations are listed in AS4590. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | * | Yes | | Yes |
| TNI Code (TNI Code) | Transmission Node Identifier. Identifies a transmission network connection point. | ALL | Yes | Yes | Yes | Yes | Yes | | Yes | - | Yes | | | Yes | - | Yes | | Yes |
| Unstructured Address1 | To provide the Unstructured Address (line 1) where a Structured Address cannot be supplied. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | | Yes | * | Yes | | Yes |
| Unstructured Address2 | To provide The Unstructured Address (line 2) where a Structured Address cannot be supplied. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | | Yes | * | Yes | | Yes |
| Unstructured Address3 | To provide the Unstructured Address (line 3) where a Structured Address cannot be supplied. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | | Yes | * | Yes | | Yes |

| Data Item | Description | Jurisdiction | Standing Data Access Rights | | | | | | | | | | NMI Discovery / NMI Search | | | | |
|--|--|--------------|-----------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------|----------------------------|------------|------------|------------|------------|
| | | | FRMP | LR | LNSP | MDP | MPB | MPC | RP | RoLR | NEM | NSP2 | Type 1 | Type 2 | Type 3 | MC | |
| <u>MSATS Standing Data Table: PARTICIPANT RELATIONS (CATS NMI PARTICIPANT RELATIONS)</u> | | | | | | | | | | | | | | | | | |
| <u>FRMP</u> | <u>Financially Responsible Market Participant, e.g. Current Retailer.</u> | <u>ALL</u> | <u>Yes</u> | <u>-</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>-</u> | <u>Yes</u> | <u>-</u> | <u>Yes</u> | | <u>Yes</u> | <u>-</u> | <u>-</u> | <u>Yes</u> | <u>Yes</u> |
| <u>LNSP</u> | <u>Current Local Network Service Provider (or ENM for a child connection point).</u> | <u>ALL</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | | <u>Yes</u> | <u>Yes</u> | | | <u>Yes</u> |
| <u>LR</u> | <u>Current local retailer.</u> | <u>ALL</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>-</u> | <u>Yes</u> | <u>-</u> | <u>Yes</u> | | <u>-</u> | <u>-</u> | | | <u>Yes</u> |
| <u>MDP</u> | <u>Current MDP – Category D.</u> | <u>ALL</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>-</u> | <u>Yes</u> | | <u>Yes</u> | <u>-</u> | <u>Yes</u> | | <u>Yes</u> |
| <u>MPB</u> | <u>Current MP – Category B.</u> | <u>ALL</u> | <u>Yes</u> | <u>-</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>-</u> | <u>Yes</u> | | <u>Yes</u> | <u>-</u> | <u>Yes</u> | | <u>Yes</u> |
| <u>MPC</u> | <u>Current MDP – Category C.</u> | <u>ALL</u> | <u>Yes</u> | <u>-</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>Yes</u> | <u>-</u> | <u>Yes</u> | | <u>Yes</u> | <u>-</u> | <u>Yes</u> | | <u>Yes</u> |

| Data Item | Description | Jurisdiction | Standing Data Access Rights | | | | | | | | | | NMI Discovery / NMI Search | | | | |
|--|--|--------------|-----------------------------|-----|------|-----|-----|-----|-----|------|-----|------|----------------------------|--------|--------|----|-----|
| | | | FRMP | LR | LNSP | MDP | MPB | MPC | RP | RoLR | NEM | NSP2 | Type 1 | Type 2 | Type 3 | MC | |
| <u>NEMM</u> | | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | - | - | - |
| <u>ROLR</u> | <u>Current Retailer of Last Resort.</u> | ALL | Yes | - | Yes | Yes | Yes | - | Yes | Yes | Yes | | Yes | - | - | | Yes |
| <u>RP</u> | <u>Current Metering Coordinator.</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | - | Yes | | Yes |
| <u>NSP2</u> | <u>Current Second Network Service Provider</u> | ALL | - | - | Yes | Yes | - | - | Yes | - | Yes | | Yes | - | - | | - |
| MSATS Standing Data Table: METER REGISTER (CATS METER REGISTER) | | | | | | | | | | | | | | | | | |
| <u>AddSiteInfo</u> | <u>This field is used to provide any additional information about a Site to describe Site access and the relationship between the metering point and the connection point.</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | Yes | - | - | | - |
| <u>AssetMgmtPlan</u> | <u>If a Site plan is used, this is a description of the plan. If a Sample Test Plan is used, this is the name of the AEMO-approved plan.</u> | ALL | Yes | - | - | Yes | Yes | Yes | Yes | - | Yes | | - | - | - | | - |

| Data Item | Description | Jurisdiction | Standing Data Access Rights | | | | | | | | | | NMI Discovery / NMI Search | | | |
|------------------------------------|--|--------------|-----------------------------|----|------|-----|-----|-----|-----|------|-----|------|----------------------------|--------|--------|----|
| | | | FRMP | LR | LNSP | MDP | MPB | MPC | RP | RoLR | NEM | NSP2 | Type 1 | Type 2 | Type 3 | MC |
| Calibration Tables | Details of any calibration factors programmed into the meter. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | Yes | - | Yes | - | - | - | - |
| CommEquip Type | Indicates modem or other communication device types. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | - | - |
| CommProtocol | Textual description of details needed to communicate to communication devices. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | - | - |
| DataConv | Textual description of details needed to translate data received from a communication device. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | Yes | - | Yes | - | - | - | - |
| DataValidations | Textual description of details needed to validate data received from a communication device. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | Yes | - | Yes | - | - | - | - |
| EstInstruct | Textual instructions on how to estimate the Meter Reading if an Estimated Reading is required. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | Yes | - | Yes | - | - | - | - |

| Data Item | Description | Jurisdiction | Standing Data Access Rights | | | | | | | | | | NMI Discovery / NMI Search | | | |
|---|---|--------------|-----------------------------|-----|------|-----|-----|-----|-----|------|-----|------|----------------------------|--------|--------|-----|
| | | | FRMP | LR | LNSP | MDP | MPB | MPC | RP | RoLR | NEM | NSP2 | Type 1 | Type 2 | Type 3 | MC |
| LastTestDate | Last date on which the meter was tested. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | Yes | - | Yes | - | - | - | - |
| Measurement Type | Code indicating how the meter is measuring, example values include, aggregate, consumption, programmable, interval. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | - | - |
| MeterConstant | Multiplier applied to the meter to arrive at the consumption. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | - | - |
| MeterHazard | Code or text indicating any dangerous conditions that may have been identified at the Site. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | - | - |
| Metering Installation Type Code (MeterInstall Code) | The Metering Installation Type Code indicates whether or not the meter has to be manually read. This may affect the transfer transaction process.(see section 4.12) | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | Yes | - | Yes |
| MeterLocation | Code or text indicating where the meter is physically located at the premises. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | - | - |

| Data Item | Description | Jurisdiction | Standing Data Access Rights | | | | | | | | | | NMI Discovery / NMI Search | | | |
|---|---|--------------|-----------------------------|-----|------|-----|-----|-----|-----|------|-----|------|----------------------------|--------|--------|----|
| | | | FRMP | LR | LNSP | MDP | MPB | MPC | RP | RoLR | NEM | NSP2 | Type 1 | Type 2 | Type 3 | MC |
| Meter Manufacturer | The manufacturer code for the meter. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | Yes | - | Yes | - | - | - | - |
| MeterModel | The manufacturer's model number for the meter. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | Yes | - | Yes | - | - | - | - |
| MeterPoint | An additional metering identifier field. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | - | - |
| MeterProgram | For programmable meters, an identifier of the program run at the meter. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | Yes | - | Yes | - | - | - | - |
| Meter Read Type (MeterReadType) | Code indicating how the meter is read. Refer to "Standing data for MSATS" document for further details. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | - | Yes | - | - |
| MeterRoute | The route identifier the meter is currently being read in. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | Yes | - | Yes | - | - | - | - |

| Data Item | Description | Jurisdiction | Standing Data Access Rights | | | | | | | | | | NMI Discovery / NMI Search | | | | |
|--|---|--------------|-----------------------------|-----|------|-----|-----|-----|-----|------|-----|------|----------------------------|--------|--------|-----|-----|
| | | | FRMP | LR | LNSP | MDP | MPB | MPC | RP | RoLR | NEM | NSP2 | Type 1 | Type 2 | Type 3 | MC | |
| <u>Meter Serial ID (MeterSerial)</u> | <u>The serial number that uniquely identifies a meter for a given NMI.</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | - | Yes | Yes |
| <u>Meter Register Status Code (MeterStatus)</u> | <u>Code used to indicate the status of the meter.</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | - | Yes | - |
| <u>MeterUse</u> | <u>Code indicating revenue meter, check meter, load research, etc.</u> | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | - | - | - |
| <u>Next Scheduled Read Date (NextSchRead Date)</u> | <u>Indicates the NSRD for the meter if a reading is required.</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | - | Yes | Yes |
| <u>NextTestDate</u> | <u>Next date on which the meter should be tested.</u> | ALL | Yes | - | - | Yes | Yes | Yes | Yes | Yes | - | Yes | | - | - | - | - |
| <u>Password</u> | <u>Read and Time Set passwords, separated by a space. Note that the Write password is not to be stored in this field.</u> | ALL | Yes | - | - | Yes | Yes | Yes | Yes | Yes | - | Yes | | - | - | - | - |



| Data Item | Description | Jurisdiction | Standing Data Access Rights | | | | | | | | | | NMI Discovery / NMI Search | | | |
|----------------------------|---|--------------|-----------------------------|----|------|-----|-----|-----|-----|------|-----|------|----------------------------|--------|--------|----|
| | | | FRMP | LR | LNSP | MDP | MPB | MPC | RP | RoLR | NEM | NSP2 | Type 1 | Type 2 | Type 3 | MC |
| <u>ReadTypeCode</u> | <u>Code used to indicate whether a meter should be read on the NSRD, a Special Read Date or an Estimated Reading.</u> | ALL | Yes | = | = | Yes | Yes | Yes | Yes | = | Yes | = | = | = | = | = |
| <u>RemotePhone Number</u> | <u>The phone number for remote access.</u> | VIC, | | | | | | | | | | | | | | |
| | | NSW, | = | = | = | Yes | Yes | = | Yes | = | Yes | = | = | = | = | = |
| | | ACT, | | | | | | | | | | | | | | |
| | | QLD | | | | | | | | | | | | | | |
| | | SA | = | = | Yes | Yes | Yes | = | Yes | = | Yes | = | = | = | = | = |
| <u>TestCalibProgram</u> | <u>Current test and calibration program details.</u> | ALL | Yes | = | Yes | Yes | Yes | = | Yes | = | Yes | = | = | = | = | = |
| <u>TestPerformed By</u> | <u>Who performed the last test. This field could be used to store a company or individual's name.</u> | ALL | Yes | = | = | Yes | Yes | Yes | Yes | = | Yes | = | = | = | = | = |
| <u>TestResult Accuracy</u> | <u>The accuracy of the meter from the last test.</u> | ALL | Yes | = | = | Yes | Yes | Yes | Yes | = | Yes | = | = | = | = | = |

| Data Item | Description | Jurisdiction | Standing Data Access Rights | | | | | | | | | | NMI Discovery / NMI Search | | | |
|--------------------------------------|--|--------------|-----------------------------|----|------|-----|-----|-----|-----|------|-----|------|----------------------------|--------|--------|----|
| | | | FRMP | LR | LNSP | MDP | MPB | MPC | RP | RoLR | NEM | NSP2 | Type 1 | Type 2 | Type 3 | MC |
| TestResult Notes | Any text or further test information. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | Yes | - | Yes | - | - | - | - |
| Transformer Location | Indicates where the transformer is in relation to the meter. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | - | - | - | - |
| UserAccess Rights | Details of any End User access to the metering installation. Examples include pulse outputs, interface to End User load management system, or End User directly accessing data in the meter through special agreement. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | Yes | - | Yes | - | - | - | - |
| Transformer Ratio | Instrument transformer ratios (available and connected). | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | - | - | - | - |
| Transformer Type | Type of transformation employed. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | - | - | - | - |

| Data Item | Description | Jurisdiction | Standing Data Access Rights | | | | | | | | | | NMI Discovery / NMI Search | | | |
|--|--|--------------|-----------------------------|----|------|-----|-----|-----|-----|------|-----|------|----------------------------|--------|--------|-----|
| | | | FRMP | LR | LNSP | MDP | MPB | MPC | RP | RoLR | NEM | NSP2 | Type 1 | Type 2 | Type 3 | MC |
| MSATS Standing Data Table: REGISTER ID (CATS REGISTER IDENTIFIER) | | | | | | | | | | | | | | | | |
| <u>Actual/Cumulative Indicator (ActCumInd)</u> | <p>Actual/Subtractive indicator. Actual implies volume of energy actually metered between two dates.</p> <p>Cumulative indicates a Meter Reading for a specific date. A second Meter Reading is required to determine the consumption between those two dates.</p> | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | - | Yes | - |
| <u>Controlled Load</u> | Indicates whether the energy recorded by this register is created under a Controlled Load regime. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | - | Yes | Yes |
| <u>Demand1</u> | A value, in kVA or kW, which is a demand component associated with a Network Tariff. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | - | - | - |
| <u>Demand2</u> | A value, in kVA or kW, where there is a second demand component associated with a Network Tariff. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | - | - | - |
| <u>DialFormat</u> | 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. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | - | Yes | - |

| Data Item | Description | Jurisdiction | Standing Data Access Rights | | | | | | | | | | NMI Discovery / NMI Search | | | | |
|---|--|--------------|-----------------------------|-----|------|-----|-----|-----|-----|------|-----|------|----------------------------|--------|--------|----|-----|
| | | | FRMP | LR | LNSP | MDP | MPB | MPC | RP | RoLR | NEM | NSP2 | Type 1 | Type 2 | Type 3 | MC | |
| <u>Multiplier</u> | <u>Multiplier required to take a register value and turn it into a value representing billable energy.</u> | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | | | Yes |
| <u>Network Tariff Code (NetworkTariff Code)</u> | <u>A code that identifies the Network Tariff. It is a code obligation for the LNSP to publish the meaning of these codes elsewhere (e.g. on the Internet).</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | | | Yes |
| <u>Network Tariff Code Additional Information (NTAddInfo)</u> | <u>Contains additional explanatory information about the Network Tariff if the code alone is not a sufficient explanation.</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | | | - |
| <u>RegisterId</u> | <u>The identifier which uniquely identifies this register.</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | | | Yes |
| <u>Register Identifier Status Code (RegisterId Status)</u> | <u>A code to indicate whether or not the register is active.</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | | | Yes |
| <u>Suffix</u> | <u>The suffix on the CATS NMI Datastream table to which energy measured on this register contributes.</u> | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | | | - |

| Data Item | Description | Jurisdiction | Standing Data Access Rights | | | | | | | | | | NMI Discovery / NMI Search | | | | |
|---|--|--------------|-----------------------------|-----|------|-----|-----|-----|-----|------|-----|------|----------------------------|--------|--------|----|-----|
| | | | FRMP | LR | LNSP | MDP | MPB | MPC | RP | RoLR | NEM | NSP2 | Type 1 | Type 2 | Type 3 | MC | |
| <u>TimeOfDay</u> | <u>A code that indicates the time validity of the register's contents.</u> | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | - | Yes | | Yes |
| <u>UnitOf Measure</u> | <u>A code to identify the unit of measure for the data held in this register.</u> | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | - | Yes | | Yes |
| MSATS Standing Data Table: NMI DATASTREAM (CATS NMI DATA STREAM) | | | | | | | | | | | | | | | | | |
| <u>ADL (AverageDailyLoad)</u> | <u>The electrical energy delivered through a connection point or metering point over an extended period normalised to a per day basis.</u> | ALL | Yes | Yes | Yes | Yes | Yes | - | Yes | - | Yes | | Yes | - | Yes | | Yes |
| <u>DataStream Type</u> | <u>Indicates the type of data that the Datastream will report includes interval and accumulation.</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | - | Yes | | Yes |
| <u>ProfileName</u> | <u>See Retail Market Procedures – Glossary and Framework</u> | ALL | Yes | Yes | Yes | Yes | Yes | - | Yes | - | Yes | | Yes | - | Yes | | - |
| <u>Datastream Status Code (StreamStatus Code)</u> | <u>Code used to indicate the status of the suffix. (See section 4.11)</u> | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | | Yes | - | Yes | | Yes |

MSATS PROCEDURES



| Data Item | Description | Jurisdiction | Standing Data Access Rights | | | | | | | | | | NMI Discovery / NMI Search | | | |
|-----------|-----------------------------|--------------|-----------------------------|-----|------|-----|-----|-----|-----|------|-----|------|----------------------------|--------|--------|----|
| | | | FRMP | LR | LNSP | MDP | MPB | MPC | RP | RoLR | NEM | NSP2 | Type 1 | Type 2 | Type 3 | MC |
| Suffix | Stream of data for the NMI. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | - | - | |

* Only if "Address returned in stage 1" is turned on