

MSATS PROCEDURES

CATS PROCEDURE PRINCIPLES AND OBLIGATIONS

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VERSION RELEASE HISTORY

| Version | Effective Date | Summary of Changes |
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| 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. |
| 4.9 | 2 December 2020 | Updated to incorporate: <ul style="list-style-type: none"> National Electricity Amendment (Reducing customers' switching times) Rule [20xx] No. [] National Energy Retail Amendment (Reducing customers' switching times) Rule [20xx] No. [] |

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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 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 |

| 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.
- (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) Ensure that the Metering Coordinator (MC) in MSATS reflects the appointment of the MC at the *connection point* in accordance with the NER.
- (b) Ensure that an Initial MC is only nominated as a New MC, on a CR10XX, where they are already the Current MC:
- (c) Initiate a Change Request for the transfer of a *NMI* in accordance with the applicable Timeframe Rules.

The New FRMP must raise a customer transfer no later than one *business day* following either:

- (i) for a prospective customer transfer, the day of obtaining explicit informed consent to commence the customer transfer; or
- (ii) for a retrospective customer transfer, the end of the relevant cooling-off period.
- (d) Ensure that only *small generating unit connection points* are assigned to the relevant MSGA.
- (e) 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) Adopt the Role of Local Retailer (LR) for *child connection points* where they are the FRMP of the Parent NMI.
- (g) Ensure that any Pending retail transfers are withdrawn within 210 *days* of the lodgement of the Change Request.
- (h) 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) Ensure that each *small generating unit's connection point* is assigned to their Market Small Generator Aggregator (MSGA) Participant ID in MSATS.
- (j) Ensure that only *small generating unit's connection points* are assigned to the MSGA's Participant ID in MSATS.
- (k) 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'.
- (l) 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.
- (m) Consider and action as necessary within two *business days* any requests from incorrectly assigned Participants to correct the Participant allocation in MSATS.
- (n) Provide the ADL to the LNSP and the MDP for new connections.
- (o) 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.
- (p) 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.
- (q) 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 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 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) 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.
- (j) 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*, in accordance with section 3.12.2 of the Service Level Procedure (MDP), 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 a substituted reading must be provided upon completion of a retail transfer in accordance with the Service Level Procedure (MDP)..
- (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 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) 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 12.6).

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* 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) 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) 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 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. 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) 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'.
- (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.
- (f) Jurisdictions may specify rules to control who is allowed to Object or initiate a Change Request Reversal, the reason for the Objection or Reversal and the NMI Classification Code appropriate to that Objection or Reversal.
- (g) MSATS will not notify the LR at the time a change of FRMP occurs.

3.2. Transaction Types

- (a) The types of transactions performed by MSATS are specified in Table 3-A.
- (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. |
| NMID | NMI Discovery Request | Participant | A Participant wants to view CATS Standing Data. Further particulars of the search types can be found in section 15. |
| 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. |

| Code | Name of Transaction Type | Initiated by | Description |
|------|------------------------------|--------------|---|
| 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) 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.
- (c) Wrapped' in an aseXML message format, which is capable of accommodating more than one Change Request.
- (d) Validated by MSATS when submitted using the batch process then responded to with an Acceptance or a Rejection using Transaction Type Code CRR.
- (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 15.3.1 provides additional information about address data items.
- (f) Able to only be assigned one DLF Code.

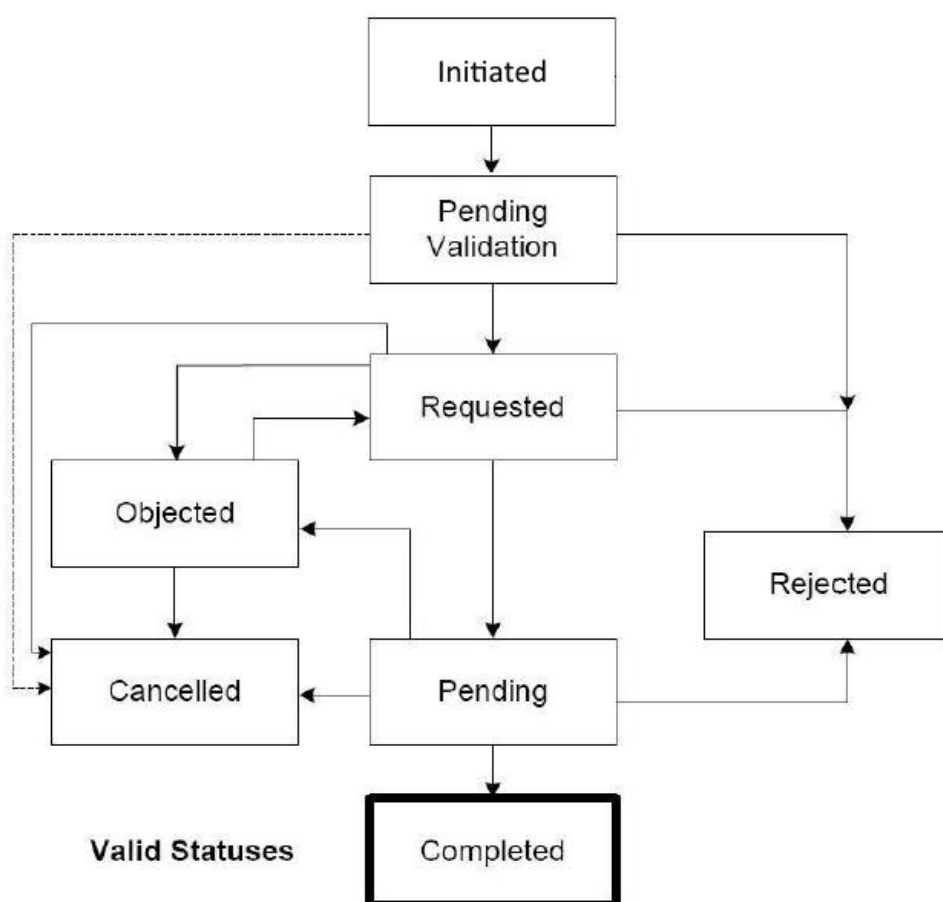
- (g) Initiated with reference to an event in Table 4-A that is reflected in an assigned Change Reason Code, as described in Table 4-A.

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 set out in the figure below.



- (c) Initiation is the first step in the creation of a new Change Request in respect of which 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.

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 third validation will check the *NMI* characters against the NMI Checksum;

- (iv) 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 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 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) general conditions against which a validation of an Objection is performed are as follows:
 - (A) the Participant submitting the Objection is an active Participant;
 - (B) the Objection is not a duplicate of an existing Objection by that Participant;
 - (C) the Role of the Participant is in accordance with the Objection Rules;
 - (D) the Objection is linked to an active Change Request ID; and
 - (E) the status of the Change Request is either Requested or Objected.
 - (ii) rule-based conditions against which a validation of an Objection is performed are as follows:
 - (A) the Participant can make the Objection in accordance with its status; and
 - (B) the Objection Code is permitted for the Role.
 - (iii) the Change Request is within its Objection Logging Period; and
 - (iv) 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) 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) the Child NMI being submitted will be checked against the Parent NMI;
 - (iv) a check will be performed for circular relationships;
 - (v) prevent changes of the LR from being effected on a Child NMI. and
 - (vi) 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

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.

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.

3.7. MSATS Reports

The following reports are available to Participants from MSATS.

Table 3-B – 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 |
| MDM RM20 | Profile Shape Data Report |

| Report Name | Description |
|-------------|--|
| MDM RM21 | Level 2 Settlement Reconciliation Report |
| MDM RM22 | Data Estimation Report |
| MDM RM26 | MDP Substitution and Estimation Report |

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.

- (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, 1010 | Change Retailer | New FRMP |
| | 1020 ⁽¹⁾ | Change Retailer–Long Term/Error (not SMALL) | New FRMP |
| | 1023 | New <i>NMI</i> – Update/Correct FRMP on Greenfield Site (SMALL NMI only) | New FRMP |
| | 1025 | Transferred in error (SMALL NMI only) | New FRMP |
| | 1029 | Other Error Corrections (SMALL NMI only) | New FRMP |
| | 1030, 1040 | Change Retailer – Move-In | New FRMP |
| Reverse and Provide Data | 1060 | Cooled Off (SMALL NMI only) | Current FRMP |
| | 1061 | Debt (SMALL NMI only) | New FRMP |
| | 1500 | Provide Actual Change Date | New and Current MDP |
| Create NMI | 2000, 2001 | Create <i>NMI</i> Details | New LNSP |
| | 2020, 2021 | Create <i>NMI</i> Details – Child | New ENM |
| | 2500, 2501 | Create <i>NMI</i> , NMI Datastream & <i>metering installation</i> details | New LNSP |
| | 2520, 2521 | Create NMI, MDM Datastream & Metering Installation Details – Child NMI | New ENM |
| Create and Maintain Metering | 3000, 3001 ⁽²⁾ | Create <i>metering installation</i> details | Current MPB |
| | 3004, 3005 ⁽²⁾ | Exchange of Metering Information | Current MPB |
| | 3050, 3051 ⁽²⁾ | Change <i>metering installation</i> details | Current MPB |
| | 3080, 3081 | Advanced change <i>metering installation</i> details | Current MC |
| | 3090, 3091 ⁽²⁾ | Advanced Meter Exchange | Current MC |
| | 3100, 3101 | Change Network Tariff Code | Current LNSP or Current ENM |
| Create and Maintain Datastream | 4000, 4001 ⁽³⁾ | Create NMI Datastream Details | Current MDP |
| | 4004, 4005 ⁽³⁾ | Exchange of Datastream Information | Current MDP |
| | 4050, 4051 ⁽³⁾ | Change NMI Datastream Details | Current MDP |
| Maintain NMI | 5050, 5051 | Change <i>NMI</i> Details | Current LNSP |
| | 5001 | Backdate <i>NMI</i> Start Date | AEMO or LNSP |
| | 5021 | Backdate <i>NMI</i> Start Date – Child | AEMO or ENM |
| | 5054, 5055 | Change <i>NMI</i> Details – Customer Classification Code | Current FRMP |
| | 5060, 5061 | Change <i>NMI</i> Details – Child | Current ENM |
| | 5070, 5071 | Update Next Scheduled Read Date | Current MDP |
| | 5080, 5081 | Change Parent Name | Current LNSP |
| | 5100, 5101 | Change <i>NMI</i> Details (AEMO only) | AEMO |
| | 6100, 6110 | Change LNSP | New LNSP or new ENM |

| Event | CR | Description | Initiating Participant |
|---------------------------|---------------------------|-----------------------------------|----------------------------|
| Change Role | 6200, 6210 | Change MDP | Current FRMP or Current MC |
| | 6300, 6301 | Change MC | New MC or Current FRMP |
| | 6400, 6401 | Change LR | New LR |
| | 6421 | Change LR – Child NMI | New LR |
| | 6500, 6501 | Change RoLR | New RoLR |
| | 6700, 6701 | Change MP | Current MC |
| | 6800, 6801 | Change Multiple Roles | Current FRMP or Current MC |
| Auto Change Role – System | ECLR | Change of Local Retailer – Child | AEMO/MSATS |
| | EPFR | Change of Secondary FRMP – Parent | AEMO/MSATS |
| AEMO Only | 5110, 5111 ⁽⁴⁾ | Change External Profile Shape | xAEMO |
| | 2100, 2101 ⁽⁴⁾ | Create External Profile Shape | AEMO |
| | BCxx | Invoke Bulk Change Process | AEMO |
| | ROLR | Invoke Retailer of Last Resort | AEMO |

Note (1): “not SMALL NMI” means LARGE, WHOLESAL, INTERCON, GENERATR or SAMPLE NMIs.

Note (2): A single Change Request using these Change Reason Codes may be populated with multiple Meter Serial IDs.

Note (3): A single Change Request using these Change Reason Codes may be populated with multiple *NMI* suffixes.

Note (4): Refer to Section 8 in the WIGS Procedures for details on these Change Reason Codes.

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</i> for child connection points |
| 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 NMIs only) |

| Code | Description |
|------|-------------------------|
| ROLR | Retailer of Last Resort |
| RP | Metering Coordinator |

4.4. Change Request Initiation Rules

- (a) The Initiation Rules specify the Roles permitted to Initiate Change Requests.
- (b) A Change Request may be Initiated by both 'New' or 'Current' Roles.
- (c) Only a 'New' Role can be entered on a Change Request.
- (d) 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

- (a) The Jurisdiction Codes defined in Table 4-C identifies the Jurisdiction in which a *NMI* is situated.
- (b) 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

- (a) The Timeframe Rules specify whether a Jurisdiction, Change Reason Code and NMI Classification Code are a valid combination.
- (b) For any Change Reason Code, the Timeframe Rules specify:
 - (i) 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 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. |
| DECLINED | 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 <i>connection point</i> , if either: (a) this Initial MC has notified a <i>retailer</i> at the <i>connection point</i> of a <i>metering installation malfunction</i> which has occurred to a <i>metering installation</i> in accordance with clause 11.86.7 of the NER; (b) a <i>metering installation</i> is no longer a <i>metering installation</i> type 5 or 6 in respect of which an Initial MC is able to provide services; or (c) the MP and MDP for a <i>connection point</i> in MSATS are not accredited to provide services in respect of a <i>metering installation</i> 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 <i>metering installation</i> to perform the manual collection of <i>metering data</i> 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. |

| Code | Description |
|----------|--|
| NOTPRUD | No prudential approval. AEMO has not approved the transaction for prudential reasons. |
| NOTTRANS | Used by the Current FRMP and only applies to retrospective change of <i>retailer</i> requests. A check of records shows no previous change of <i>retailer</i> request exists for the error correction change of <i>retailer</i> . |
| NOTRESP | Not responsible for <i>NMI</i> in the identified Role. For use by : (1) a nominated Participant to Object on the basis that they are not responsible in the Role in which they are nominated. (2) an Initial MC where they have been nominated as the new MC for a Greenfield site for which they are not accredited to provide services. |
| 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⁾ | >=160 MWh | Victoria, New South Wales, Australian Capital Territory, South Australia |
| | >=100 MWh | Queensland |
| | >=150 MWh | Tasmania |
| SAMPLE | Sample Meter | All |
| SMALL ⁽¹⁾ | <160 MWh | Victoria, New South Wales, Australian Capital Territory, South Australia |
| | <100 MWh | Queensland |

| Code | Description ⁽²⁾ | Jurisdiction |
|-----------|--|--------------|
| | <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

- (a) The FRMP must provide and maintain an End User's Customer Classification Code, within five business days of becoming aware that the value in MSATS is incorrect or not populated, as specified in Table 4-F.
- (b) 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 | The End User has identified that the primary use of the <i>connection point</i> is for business purposes. |
| RESIDENTIAL | The End User has identified that the primary use of the <i>connection point</i> is for residential purposes. |

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

4.10.2. Customer Threshold Code

- (a) 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 NMI | Applies when a <i>NMI</i> is energised. |
| D | Not energised NMI | Applies when the <i>NMI</i> exists in MSATS and the <i>connection point</i> is de-energised. |
| X | Extinct NMI | Applies when: <ul style="list-style-type: none"> the <i>network connection</i> has been permanently removed from the <i>connection point</i>; 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 NMI | 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 NMI Status Code is changed from 'G', it cannot revert to 'G'. |
| N | Off Market Child NMI | 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. |

| Code | Name of code | Description of code |
|------|-----------------------|--|
| 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.

Table 4-L – Metering Installation Type Codes

| Code | Description | |
|---------|---|--|
| BASIC | Accumulation Meter – Type 6 | |
| COMMS1 | Interval Meter with communications – Type 1 | |
| COMMS2 | Interval Meter with communications – Type 2 | |
| COMMS3 | Interval Meter with communications – Type 3 | |
| 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) | |
| COMMS4C | CT connected <i>metering installation</i> that meets the <i>minimum services specifications</i> | |
| COMMS4D | Whole current <i>metering installation</i> that meets the <i>minimum services specifications</i> | |
| MRAM | <i>small customer metering installation</i> – Type 4A | |
| MRIM | Manually Read Interval Meter – Type 5 | |
| PROF | For Profile Setup | |
| SAMPLE | Sample Meter | |
| UMCP | Unmetered Supply – Type 7 | |
| VICAMI | A relevant <i>metering installation</i> as defined in clause 9.9C of the NER. | |

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

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

- (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 a direction to the MDP that a specified Meter Reading is to be used to assist the transfer or that no Meter Reading is required.
- (b) Where a Special Meter Reading has been requested, the MDP will arrange for the Special Meter Reading to be undertaken upon receipt by the MDP of the ServiceOrderRequest from the FRMP.
- (c) In each case the Read Type Code is a direction relating to the Proposed Change Date, for example a date on which the Special Read (SP) is to occur.
- (d) The Read Type Codes are specified in Table 4-M.

Table 4-M – Read Type Codes

| Code | Name of code | Description of code |
|------|---------------------------------------|--|
| EI | Existing Remotely-Read Interval Meter | Advice from the New FRMP to the MDP that there is an existing remotely-read Interval Meter at the <i>connection point</i> and that the existing <i>meters</i> will continue to be used after the transfer. <i>Applies to type 1 to 4 metering installations only.</i> |
| GR | Greenfield NMI | Used when the <i>NMI</i> being transferred is a greenfield <i>connection point</i> and has never had a <i>metering installation</i> physically installed at the <i>connection point</i> and the NMI Status is 'G'. |
| PR | Previous Read Date | Advice from the New FRMP to the MDP that the transfer is to occur on a previous Meter Reading taken. |
| RR | Read Required | Advice from New FRMP to MDP that: (1) The Proposed Change Date, that will become the Actual Change Date for the End User transfer, is to be the date of an Actual Meter Reading or <i>substituted metering data</i> , as appropriate. (2) The Proposed Change Date can be either: (a) Prospective for all Metering Data Types; or (b) Retrospective for Metering Data Type of Remotely Read. |
| SP | Special Read | Advice from New FRMP to Current MDP that a B2B Service Order has been/will be provided to arrange for a physical site visit to undertake a reading to facilitate a End User transfer. The MDP/MPC is to arrange for the Special Meter Reading. <i>Applies to type 4A, 5 and type 6 metering installations.</i> |
| UM | Unmetered Connection Point | Used when the <i>NMI</i> being transferred is an unmetered <i>connection point</i> . |

- (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 | 1030 | | 1040, 102X (except 1023) | | 1023 | All |
|---------------------|-------------------------|---------------|---------------|---------------|---------------|---------------|-----------------------------|---------------|----------------|------|
| Metering Data Type* | | Manually Read | Remotely Read | Manually Read | Manually Read | Remotely Read | Manually Read | Remotely Read | Not Applicable | UMCP |
| PR | Previous Read Date | No | Yes | Yes | No | No | Yes | Yes | No | No |
| SP | Special Read | Yes | No | No | Yes | Yes | No | No | No | No |
| RR | Read Required | Yes | Yes | No | No | No | No | No | No | No |
| EI | Existing Interval Meter | No | Yes | No | No | Yes | No | Yes | No | No |
| GR | Greenfield NMI | No | No | No | No | No | No | No | Yes | No |
| UM | Unmetered Connection Pt | No | No | No | No | No | No | No | No | Yes |

Note: 102X refers to 1020, 1023, 1025 and 1029.

Note: No meter reading is required for CR Code 1023

4.14. Previous Read Dates and Quality Flags

- (a) The Previous Read Date and Previous Read Quality Flag are values provided that specify the date of the previous metering reads and *metering data* quality flags that were provided to the market.
- (b) The Previous Read Dates and Quality Flags will only be provided where the *Metering Data Type* is Manually Read.

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-O.

Table 4-O – 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. |
| 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. |

4.16. 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.

4.17. Maintenance of Codes and Rules

- (a) AEMO will update the following codes and rules tables in MSATS, as required:

| | | |
|--|---|--|
| 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 | Participant |
| Embedded Network Codes | | |

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

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:

- (i) aggregation in the *settlements* process; or
- (ii) netting off in the determination of a *profile* shape.

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:
 - (i) the first character of the Embedded Network Code is to be the first character of the Jurisdiction in which the *embedded network* is located.
 - (ii) 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) 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) the LNSP must provide the Embedded Network Code to AEMO within five *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) description of the *embedded network* (up to 50 characters long).
 - (ii) locality, postcode and state of the *embedded network*.
 - (iii) 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 *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 *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.

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.

- (v) Parent NMI.
- (vi) Address of the Parent NMI.

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-P – 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 |
| 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 |

5. GUIDELINES FOR MANAGING CONCURRENT RETAIL TRANSFERS

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*.

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.

6. CHANGE RETAILER – CHANGE REQUESTS

6.1. SMALL or LARGE NMIs

6.1.1. Application [1000 1010 1020 1030 1040]

Section 6.1 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"> - Prospective Day – a date as nominated by the new FRMP for a Meter Reading, a substituted reading or a Special Read, as defined by the Read Type Code. - Retrospective Day – a date as nominated by the new FRMP. The Metering Data Type must be Remotely Read. |
| 1010 – Change Retailer (SMALL only) | The date of transfer is the date of a Previous Meter Reading (a Retrospective Day). The Metering Data Type must be Manually Read. |
| 1020 – Change Retailer – Retrospective – Long Term/Error (Not SMALL ⁶) | 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. |

6.1.2. Conditions Precedent

- The *NMI* already exists in MSATS⁷.
- The NMI Classification Code is SMALL or LARGE.
- A change of retailer role can only be initiated by a New FRMP.
- For Change Reason Code 1010 the Metering Data Type for the connection point must be Manually Read and NMI Classification SMALL.

6.1.3. FRMP Requirements

The New FRMP:

- Must confirm that the *NMI* is valid for the *connection point*;
- Must provide the following information within the Change Request:

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

- Must, for Change Reason Code 1010, ensure the Proposed Change Date aligns with one of the Previous Read Dates.

⁶ “not SMALL” refers to LARGE, WHOLESAL, INTERCON, GENERATR or SAMPLE NMIs.

⁷ If it doesn’t, the *retailer* should refer to section 8.1 and seek LNSP action to establish a *NMI*.

- (d) May withdraw a change of retailer transaction request at any time prior to the transfer being Completed;
- (e) Must withdraw the transfer request, where the NMI Classification Code is SMALL, if advised by the Current MDP that a Meter Reading cannot be obtained in response to a Read Type Code for SP; and
- (f) May populate the Change Request with the following items:

| | | |
|--------|--|--|
| New RP | | |
|--------|--|--|

- (g) May, for Change Reason Code 1020, populate the Change Request with:

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

- (h)

6.1.4. 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:
 - (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 for the Special Read, the MDP must advise the New FRMP of the failure within two business days of the Special Read Date.
- (c) Where the Read Type Code is RR, once the transfer has been completed, if the transfer requires a Substitute Reading, prepare the Substitute Reading and submit this to MSATS as the Meter Reading related to the Actual Change Date.

6.1.5. 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 sections 12.1 to 12.8 for Change Request types for Role Changes.

6.1.6. 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 6-A.

Table 6-A – Timeframe Rules

| CR 1000 – Change Retailer | | | |
|--|---|--|--|
| 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 | 10 | 65 |
| CR 1010 – Change Retailer – 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 | 65 | 0 |

| CR 1030 – Change Retailer – Move-In | | | |
|---|--|---|---------------------------------------|
| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
| 0 | 0 | 0 | 65 |
| CR 1040 – Change Retailer – Move-In – Retrospective | | | |
| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
| 1 | 20 | 10 | 0 |
| CR 1020 – Change Retailer-Retrospective – Long Term/Error (not SMALL) | | | |
| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
| 1 | 20 | 130 | 0 |

6.1.7. Objection Rules

The 'Yes' Roles specified in Table 6-B may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 6-A.

Table 6-B – Objection Rules

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 |
| NOACC | 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 |
| DATEBAD | LARGE | ALL | - | - | - | - | - | Yes | - | - | - | - | - | - | - | - |
| RETRO | 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 |
| NOACC | SMALL | 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 |
| DATEBAD | ALL | ALL | - | - | - | - | - | Yes | - | - | - | - | - | - | - | - |
| NOACC | SMALL | ALL | - | - | - | - | - | Yes | - | - | - | - | - | - | - | - |

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

6.1.8. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 6.1.1 are specified in Table 6-C.

Table 6-C – Change Request Status Notification Rules**

CR 1000 – Change Retailer

CR 1010 – Change Retailer – Retrospective

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 | | | - | - | | |
| COMPLETED | Yes | Yes | - | - | - | Yes | | Yes | | Yes | - | - | Yes | Yes |
| OBJECTED | Yes | | - | - | - | | | Yes | | | - | - | | |
| PENDING | Yes | | - | - | - | | | Yes | | | - | - | | |
| REJECTED | Yes | | - | - | - | | | Yes | | | - | - | | |
| REQUESTED | 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 | - | - | - | - | | |
| 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.

6.2. Error Corrections – SMALL NMIs

6.2.1. Application [1023 1025 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 6.1.

Section 6.2 applies to the following Change Reason Codes:

| Change Reason Code | Description |
|---|---|
| 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. |
| 1025 – Transferred in Error | <ul style="list-style-type: none"> 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. |

⁸ "not SMALL" refers to LARGE, WHOLESAL, INTERCON, GENERATR or SAMPLE NMIs.

| Change Reason Code | Description |
|---|--|
| 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 must be reasons other than those covered by other error correction CR's. |

6.2.2. Conditions Precedent

- The *NMI* exists in MSATS.⁹
- The NMI Classification Code is SMALL. This section applies to the *metering installations* types 4, 4A, 5, 6, or 7.
- The date of the transfer of *retailer* from the Current FRMP to the New FRMP will be the Actual Change Date.
- The Actual Change Date is to be established in accordance with the Read Type Code submitted to MSATS by the New FRMP.

6.2.3. Initiating Roles

A New FRMP may initiate a Change Request to effect a change of *retailer* in accordance with section Error! Reference source not found..

6.2.4. FRMP Requirements

The New FRMP must:

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

- Nominate itself as the New FRMP.

The New FRMP may:

- Populate the Change Request with the identity of the following Roles:

| | | |
|----|--|--|
| RP | | |
| | | |

or leave this action to the New MC to complete.

- Populate the Change Request with:

⁹ If the *NMI* does not already exist in MSATS, the *retailer* should refer to section 8.1 "Create NMI" and seek LNSP action to establish the *NMI*.

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

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

6.2.5. 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.

6.2.6. 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 12 for Change Request types for Role Changes.

6.2.7. 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 6-E.

Table 6-E – Timeframe Rules

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

CR 1025 – Transferred in error

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 |

6.2.8. Objection Rules

The 'Yes' Roles specified in Table 6-F may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 6-E.

Table 6-F – Objection Rules

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 |
| DATEBAD | SMALL | ALL | - | Yes | - | - | - | - | - | - | - | - | - | - | - | - |
| DECLINED | SMALL | ALL | - | - | - | - | - | - | - | - | - | - | Yes | - | - | - |
| NOTAPRD | SMALL | ALL | - | - | - | - | - | - | - | - | - | - | - | - | - | Yes |
| NOTRESP | SMALL | ALL | - | - | - | - | - | - | - | - | - | - | Yes | - | - | - |
| CRCODE | SMALL | ALL | - | Yes | - | - | - | - | - | - | - | - | - | - | - | - |
| | | | | | | | | | | | | | | | | |

CR 1025 – Transferred in Error

| 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 | - | - | - | - | - | - | - | - |
| DATEBAD | SMALL | ALL | - | Yes | - | - | - | Yes | - | - | - | - | - | - | - | - |
| DECLINED | SMALL | ALL | - | - | - | - | - | - | - | - | - | - | Yes | - | - | - |
| NOTAPRD | SMALL | ALL | - | - | - | - | - | - | - | - | - | - | - | - | - | Yes |
| CRCODE | SMALL | ALL | - | Yes | - | - | - | - | - | - | - | - | - | - | - | - |
| NOTAWARE | SMALL | ALL | - | Yes | - | - | - | - | - | - | - | - | - | - | - | - |
| NOTRANS | SMALL | ALL | - | 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 | - | - |
| DECLINED | SMALL | ALL | - | - | - | - | - | Yes | - | - | - | - | Yes | - | - | - |
| NOTAPRD | SMALL | ALL | - | - | - | - | - | - | - | - | - | - | - | - | - | Yes |
| RETRO | SMALL | ALL | - | Yes | - | - | - | - | - | - | - | - | - | - | - | - |
| BADMETER | SMALL | ALL | - | - | - | - | - | Yes | - | - | - | - | - | - | - | - |
| BADPARTY | SMALL | ALL | - | - | - | - | - | - | - | - | - | - | Yes | Yes | - | - |

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

6.2.9. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 6-G.

Table 6-G – Change Request Status Notification Rules**

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

CR 1025 – Transferred in Error

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 |
| COMPLETED | Yes | Yes | - | - | - | Yes | - | Yes | - | Yes | - | - | Yes | Yes |
| OBJECTED | Yes | Yes | - | - | - | Yes | - | Yes | - | Yes | - | - | Yes | Yes |
| PENDING | Yes | Yes | - | - | - | Yes | - | Yes | - | Yes | - | - | Yes | Yes |
| REJECTED | Yes | Yes | - | - | - | Yes | - | Yes | - | Yes | - | - | Yes | Yes |
| REQUESTED | Yes | Yes | - | - | - | Yes | - | Yes | - | Yes | - | - | Yes | Yes |

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

7. REVERSE AND PROVIDE DATA – CHANGE REQUESTS

7.1. Reverse – SMALL NMIs

7.1.1. Application 1060, 1061

Section 7.1 applies when one of the following Change Reason Codes applies:

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

7.1.2. 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 CR1000/CR1010 has completed within one business day.

7.1.3. 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.

7.1.4. 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:

| Change Reason Code | Participant transaction ID | NMI and NMI Checksum |
|--------------------|----------------------------|---------------------------|
| | | Related Change Request ID |
| | | |

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

7.1.5. Timeframe Rules

- (a) When preparing a Change Request the initiating FRMP must ensure the previously Completed Change Request date of completion 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 |

7.1.6. Objection Rules

Objections are not permitted.

7.1.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in Section 7.1 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

| 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.

7.2. Provide Data – Provide Actual Change Date

7.2.1. Application [1500]

Section 7.2 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. |

7.2.2. Conditions Precedent

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

7.2.3. Initiating Roles

The MDP may initiate a Change Request to submit an Actual Change Date to MSATS in accordance with section Error! Reference source not found..

7.2.4. 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 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.
- (d) 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 | | |

7.2.5. 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 7-D.

Table 7-D – 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 |

7.2.6. Objection Rules

Objections are not permitted.

7.2.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 7.2.1 are specified in Table 7-E.

Table 7-E – 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

8. CREATE NMI – CHANGE REQUESTS

8.1. Create NMI

8.1.1. Application [2000 2001]

Section 8.1 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. |

8.1.2. Conditions Precedent

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

8.1.3. Initiating Roles

A New LNSP may initiate a Change Request to create a *NMI* record in MSATS in accordance with section 8.1.4.

8.1.4. LNSP Requirements

The New LNSP must:

- (a) Obtain the NMI Checksum from an approved source.
- (b) Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- (c) Populate 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 | |

- (d) Nominate itself as the New LNSP.
- (e) 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 | | |

8.1.5. 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.

8.1.6. 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 8-A.

Table 8-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 |

8.1.7. 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 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 | - | - | - |

| 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 |
| | LARGE | | | | | | | | | | | | - | | | |
| RETRO | ALL | ALL | Yes | - | Yes | - | - | - | - | - | - | - | - | - | - | - |

8.1.8. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 8.1.1 are specified in Table 8-C.

Table 8-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.

8.2. Create Child NMI

8.2.1. Application [2020 2021]

Section 8.2 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. |

8.2.2. Conditions Precedent

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

8.2.3. Initiating Roles

A New ENM may initiate a Change Request to create a *NMI* record in MSATS in accordance with section 8.2.4.

8.2.4. ENM Requirements

The New ENM must:

- (a) Obtain the NMI Checksum from an approved source.
- (b) Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- (c) Populate 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 | | |

- (d) Nominate itself as the LNSP.
- (e) 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 | | |

8.2.5. 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.

8.2.6. 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 8-E.

Table 8-E – 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 |

8.2.7. Objection Rules

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

Table 8-F – 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.

8.2.8. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 8.2.1 are specified in Table 8-G.

Table 8-G – 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.

8.3. Create NMI, Metering Installation Details and NMI Datastream

8.3.1. Application [2500 2501]

Section 8.3 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. |

8.3.2. Conditions Precedent

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

8.3.3. Initiating Roles

If the New LNSP meets the condition imposed by section 8.3.2 the New LNSP may initiate a Change Request to create a *NMI*, *metering installation* details and NMI Datastream in MSATS in accordance with section 8.3.4.

8.3.4. 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 | 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 | 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 |
|--|---|--|

8.3.5. 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 8-H.

Table 8-H – 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 |

8.3.6. Objection Rules

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

Table 8-I – 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.

8.3.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 8.3.1 are specified in Table 8-J.

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

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.

8.4. Create Child NMI, Metering Installation Details and MDM Datastream

8.4.1. Application [2520 2521]

Section 8.4 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> . |

8.4.2. Conditions Precedent

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

8.4.3. Initiating Roles

- (a) 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 8.4.4.
- (b) The New ENM must use one of the following Change Reason Codes 2520 or 2521 to establish a Change Request.

8.4.4. ENM Requirements

The New ENM 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 the Change Request.
- (c) 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 <i>meter</i>) | 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 |
|--|---|--|

8.4.5. Timeframe Rules

The Timeframe Rules are shown in Table 8-K.

Table 8-K – 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 |

8.4.6. Objection Rules

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

Table 8-L – 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 | - |
| RETRO | SMALL | NSW VIC SA | Yes | | | | | | | | | | | | | |
| | LARGE | ALL | | | | | | | | | | | | | | |

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

8.4.7. Change Request Status Notification Rules

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

Table 8-M – 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.

9. CREATE AND MAINTAIN METERING – CHANGE REQUESTS

9.1. Create Metering Installation Details

9.1.1. Application [3000 3001]

Section 9.1 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. |

9.1.2. Conditions Precedent

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

9.1.3. Initiating Roles

A Current MPB may initiate a Change Request to create *metering installation* records in MSATS in accordance with section 9.1.4.

9.1.4. MPB Requirements

The Current MPB must:

- (a) Obtain the *NMI* Checksum from an approved source.
- (b) Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- (c) Populate 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) |
| 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) |

- (d) 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:

- (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 | | |
|-----------------|--|--|

9.1.5. 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 9-A.

Table 9-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 |

9.1.6. Objection Rules

Objections are not permitted.

9.1.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 19-B.

Table 9-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.

9.2. Exchange of Metering Information**9.2.1. Application [3004 3005]**

Section 9.2 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. |

9.2.2. Conditions Precedent

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

9.2.3. Initiating Roles

A Current MPB may initiate a Change Request to change and create *metering installation* records in MSATS in accordance with section 9.2.4.

9.2.4. MPB Requirements

The Current MPB must:

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

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

9.2.5. 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 9-C.

Table 9-C – 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 |

9.2.6. Objection Rules

Objections are not permitted.

9.2.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 9-D.

Table 9-D – 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.

9.3. Change Metering Installation Details

9.3.1. Application [3050 3051]

Section 9.3 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. |

9.3.2. Conditions Precedent

- (a) The *NMI* exists in MSATS.
- (b) The *metering installation* details exist in MSATS.
- (c) The *NMI* Classification Code is SMALL or LARGE.

9.3.3. Initiating Roles

A Current MPB may initiate a Change Request to change *metering installation* records in MSATS in accordance with section 9.3.4.

9.3.4. MPB Requirements

The Current MPB must:

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

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

- (d) 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 | |
|----------------------------|---------------------------------|--|

- (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):

| | | |
|--|---------------------|--|
| 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 | | |
|-----------------|--|--|

9.3.5. 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 9-E.

Table 9-E – 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 |

9.3.6. Objection Rules

Objections are not permitted.

9.3.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 9-F.

Table 9-F – 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.

9.4. Advanced Change Metering Installation Details

9.4.1. Application [3080 3081]

Section 9.4 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. |

9.4.2. Conditions Precedent

- (a) The *NMI* exists in MSATS.
- (b) The *metering installation* details exist in MSATS.
- (c) The NMI Classification Code is SMALL or LARGE.

9.4.3. Initiating Roles

- (a) A Current MC may initiate a Change Request to change and create *metering installation* records in MSATS in accordance with section 9.4.4.
- (b) 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.

9.4.4. MC Requirements

The Current MC must:

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

| | | |
|--|----------------------------|--------------------|
| Change Reason Code | Participant Transaction ID | 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.

9.4.5. 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.

9.4.6. 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 9-G.

Table 9-G – 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 |

9.4.7. Objection Rules

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

Table 9-H – 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.

9.4.8. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 9-I.

Table 9-I – 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.

9.5. Advanced Exchange of Metering

9.5.1. Application [3090 3091]

Section 9.5 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. |

9.5.2. 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.

9.5.3. Initiating Roles

- A Current MC may initiate a Change Request to change and create *metering installation* records in MSATS in accordance with section 9.5.4.
- 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.

9.5.4. 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 | |
|---------------------------------|----------------------------|--|

- 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) | | |

- 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:

- 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.

9.5.5. 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.

9.5.6. 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 9-J.

Table 9-J – 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 |

9.5.7. Objection Rules

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

Table 9-K – 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 | - | - | - | - | - | - | - |
| BADDATA | ALL | ALL | - | - | - | - | Yes | Yes | - | - | - | - | - | - | - | - |

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

9.5.8. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 9-L.

Table 9-L – 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 |
| 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.

9.6. Change Network Tariff Code

9.6.1. Application [3100 3101]

Section 9.6 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. |

| Change Reason Code | Comment |
|--|--|
| 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. |

9.6.2. Conditions Precedent

- (a) The *NMI* exists in MSATS.
- (b) The NMI Classification Code is SMALL or LARGE.
- (c) The Meter Register data is loaded into MSATS.

9.6.3. 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 9.6.4.

9.6.4. LNSP or ENM Requirements

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

- (a) 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.
- (b) 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.
- (c) Obtain the NMI Checksum from an approved source.
- (d) Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- (e) Populate 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:

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

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

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

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

9.6.5. 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 9-M.

Table 9-M – 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 |

9.6.6. Objection Rules

Objections are not permitted.

9.6.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 9-N.

Table 9-N – 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.

10. CREATE AND MAINTAIN DATASTREAM – CHANGE REQUESTS

10.1. Create NMI Datastream

10.1.1. Application [4000 4001]

Section 10.1 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. |

10.1.2. Conditions Precedent

- (a) The *NMI* exists in MSATS.
- (b) The NMI Datastream details do not exist in MSATS
- (c) The NMI Classification Code is SMALL or LARGE.

10.1.3. Initiating Roles

A Current MDP may initiate a Change Request to create an NMI Datastream in MSATS in accordance with section 10.1.4.

10.1.4. MDP Requirements

The Current MDP must:

- (a) Obtain the NMI Checksum from an approved source.
- (b) Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- (c) Populate 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) | | |

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

The Current MDP may:

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

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

10.1.5. 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 10-A.

Table 10-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 |

10.1.6. Objection Rules

Objections are not permitted.

10.1.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 10-B.

Table 10-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.

10.2. Exchange of Datastream Information

10.2.1. Application [4004 4005]

Section 10.2 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. |

| Change Reason Code | Comment |
|---|---|
| 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. |

10.2.2. Conditions Precedent

- (a) The *NMI* exists in MSATS.
- (b) The *metering installation* details exist in MSATS.
- (c) The NMI Classification Code is SMALL or LARGE.

10.2.3. Initiating Roles

A Current MDP may initiate a Change Request to exchange Datastream records in MSATS in accordance with section 10.2.4.

10.2.4. MDP Requirements

The Current MDP must:

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

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

- (d) For all Datastreams associated to the *NMI*, where the Datastream Status Code is to be 'A' populate the Change Request with the following information: (where this information does not currently exist in MSATS);

| | | |
|----------------------------------|--|--------------------------------|
| <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 | | |
|-----------------|--|--|

10.2.5. 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 10-C.

Table 10-C – Timeframe Rules

CR 4004 – Exchange of Datastream Information

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

CR 4005 – Exchange of Datastream Information – Retrospective

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

10.2.6. Objection Rules

Objections are not permitted.

10.2.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 10.2.1 are specified in Table 10-D.

Table 10-D – 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.

10.3. Change NMI Datastream**10.3.1. Application [4050 4051]**

Section 10.3 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. |

10.3.2. Conditions Precedent

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

10.3.3. Initiating Roles

A Current MDP may initiate a Change Request to change an NMI Datastream in MSATS in accordance with section 10.3.4.

10.3.4. MDP Requirements

The Current MDP must:

- (a) Obtain the NMI Checksum from an approved source.
- (b) Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- (c) Populate 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 |

- (d) 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:

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

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

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

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

10.3.5. 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 10-E.

Table 10-E – 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 |

10.3.6. Objection Rules

Objections are not permitted.

10.3.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 10.3.1 are specified in Table 10-F.

Table 10-F – 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.

11. MAINTAIN NMI – CHANGE REQUESTS

11.1. Update Next Scheduled Read Date

11.1.1. Application [5070 5071]

Section 11.1 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. |

11.1.2. Conditions Precedent

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

11.1.3. Initiating Roles

A Current MDP may initiate a Change Request to submit the NSRD to MSATS in accordance with section 11.1.4.

11.1.4. MDP Requirements

The Current MDP must:

- (a) Obtain the NMI Checksum from an approved source.
- (b) Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- (c) Populate 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:

- (d) Obtain the Meter Reading frequency from the New FRMP.
- (e) Obtain the Meter Reading schedule from the MPC or MC.

11.1.5. 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 11-A.

Table 11-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 |

11.1.6. Objection Rules

Objections are not permitted.

11.1.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 11-B.

Table 11-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.

11.2. Backdate NMI**11.2.1. Application [5001 5021]**

Section 11.2 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> . |

11.2.2. Conditions Precedent

- (a) The *NMI* exists in MSATS.

- (b) The NMI Classification Code is SMALL or LARGE.

11.2.3. 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 11.2.4 or 11.2.6.

11.2.4. LNSP Requirements (5001 only)

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

- (a) Obtain the NMI Checksum from an approved source.
- (b) Confirm that the *NMI* is still a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- (c) Populate 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 |

- (d) 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 | | |

11.2.5. 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 | NMI 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 | | |

11.2.6. AEMO Requirements

AEMO must, on request from an LNSP, populate a Change Request with the data provided by the LNSP in accordance with section 11.2.4 (CR 5001) or ENM in accordance with section 11.2.5 (CR 5021).

11.2.7. MPB Requirements

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

11.2.8. 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 11-C.

Table 11-C – 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 |

11.2.9. Objection Rules

The 'Yes' Roles specified in Table 11-D may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 11-C.

Table 11-D – 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.

11.2.10. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 11-E.

Table 11-E – 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 | - |

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

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

11.3. Change NMI

11.3.1. Application [5050 5051]

Section 11.3 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> . |

11.3.2. Conditions Precedent

- (a) The *NMI* exists in MSATS.
- (b) The NMI Classification Code is SMALL or LARGE.

11.3.3. Initiating Roles

A Current LNSP may initiate a Change Request to change a *NMI* record in MSATS in accordance with section 11.3.4.

11.3.4. LNSP Requirements

The Current LNSP must:

- (a) Obtain the NMI Checksum from an approved source.
- (b) Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- (c) Populate an 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:

- (d) 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 |
|------------------------|--------------|-------------------------|

(e) For Retrospective Changes, populate the Change Request with the

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

11.3.5. 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 11-F.

Table 11-F – 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.

11.3.6. Objection Rules

The 'Yes' Roles specified in Table 11-G may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 11-F.

Table 11-G – 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.

11.3.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 11-H.

Table 11-H – 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 | - | - | - | - | - | - |

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

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

11.4. Change NMI – Customer Classification Code

11.4.1. Application [5054 5055]

Section 11.4 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. |

11.4.2. Conditions Precedent

- (a) The *NMI* exists in MSATS.
- (b) The NMI Classification Code is SMALL or LARGE.

11.4.3. Initiating Roles

A Current FRMP may initiate a Change Request to change a *NMI* record in MSATS in accordance with section 11.4.4.

11.4.4. FRMP Requirements

The Current FRMP must:

- (a) Obtain the NMI Checksum from an approved source.
- (b) Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- (c) Populate 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 | | |
|-----------------|--|--|

11.4.5. 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 11-I.

Table 11-I – 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 |

11.4.6. Objection Rules

Objections are not permitted.

11.4.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 11-J.

Table 11-J – 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.

11.5. Change NMI Embedded Network – Child**11.5.1. Application [5060 5061]**

Section 11.5 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> . |

11.5.2. Conditions Precedent

- (a) The *NMI* exists in MSATS.

- (b) The NMI Classification Code is SMALL or LARGE.

11.5.3. Initiating Roles

A Current ENM may initiate a Change Request to change a *NMI* record in MSATS in accordance with section 11.5.4.

11.5.4. 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 | | |

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

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

11.5.5. 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 11-K.

Table 11-K – 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 |

11.5.6. Objection Rules

Objections are not permitted.

11.5.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 11-L.

Table 11-L – 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.

11.6. Change Parent Name**11.6.1. Application [5080 5081]**

Section 11.6 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. |

11.6.2. Conditions Precedent

- (a) The NMI exists in MSATS.
- (b) The NMI Classification Code is SMALL or LARGE.

11.6.3. Initiating Roles

A Current LNSP may initiate a Change Request to change the Parent Name in accordance with section 11.6.4.

11.6.4. LNSP Requirements

The Current LNSP must:

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

| | | |
|--------------------|----------------------------|----------------------|
| Change Reason Code | Participant Transaction ID | NMI 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 | | |
|-----------------|--|--|

11.6.5. 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 11-M.

Table 11-M – 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 |

11.6.6. Objection Rules

Objections are not permitted.

11.6.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 11-N.

Table 11-N – 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 | - | - | - | - | - | - | - | - |

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

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

12. CHANGE ROLE – CHANGE REQUESTS

12.1. Change LNSP

12.1.1. Application [6100 6110]

Section 12.1 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. |

12.1.2. Conditions Precedent

- (a) The *NMI* exists in MSATS.
- (b) The NMI Classification Code is SMALL or LARGE.

12.1.3. 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 12.1.4.

12.1.4. LNSP or ENM Requirements

The New LNSP or the New ENM must:

- (a) Obtain the NMI Checksum from an approved source.
- (b) Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- (c) Populate 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 | |

- (d) Nominate itself as the New LNSP or the New ENM.

The New LNSP or the New ENM may:

- (e) populate the Change Request with the following information:

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

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

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

12.1.5. 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 12-A.

Table 12-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 |

12.1.6. Objection Rules

The 'Yes' Roles specified in Table 12-B may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 12-A.

Table 12-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.

12.1.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 12-C.

Table 12-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 | - | - | - | - | - | - |
| REJECTED | - | - | - | - | 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 |
| REQUESTED | - | - | - | - | Yes | Yes | - | Yes | - | - | - | - | - | - |

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

12.2. Change MDP

12.2.1. Application [6200 6210]

Section 12.2 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. |

12.2.2. Conditions Precedent

- (a) The NMI details exist in MSATS
- (b) The NMI Classification Code is SMALL or LARGE.

12.2.3. Initiating Roles

The Current FRMP or Current MC may initiate a Change Request to change a MDP in MSATS in accordance with section 12.2.4.

12.2.4. FRMP/Current MC Requirements

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

- (a) Obtain the NMI Checksum from an approved source.
- (b) Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- (c) Populate 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:

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

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

12.2.5. MDP Requirements

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

12.2.6. 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 12-D.

Table 12-D – 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 |

12.2.7. Objection Rules

The 'Yes' Roles specified in Table 12-E may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 12-D.

Table 12-E – 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.

12.2.8. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 12-F.

Table 12-F – 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.

12.3. Change MC

12.3.1. Application [6300 6301]

Section 12.3 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. |

12.3.2. Conditions Precedent

- (a) The *NMI* exists in MSATS.
- (b) The NMI Classification Code is SMALL or LARGE.

12.3.3. 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 12.3.4.

12.3.4. MC/Current FRMP Requirements

The New MC/Current FRMP must:

- (a) Obtain the NMI Checksum from an approved source.
- (b) Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- (c) Populate 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 | |

- (d) Nominate the New MC.

The New MC/Current FRMP may:

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

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

12.3.5. 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 12-G.

Table 12-G – 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 |

12.3.6. Objection Rules

The 'Yes' Roles specified in Table 12-H may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 12-G.

Table 12-H – 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.

12.3.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 12-I.

Table 12-I – 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.

12.4. Change LR

12.4.1. Application [6400 6401]

Section 12.4 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. |

12.4.2. Conditions Precedent

- (a) The *NMI* exists in MSATS.
- (b) The NMI Classification Code is SMALL or LARGE.

12.4.3. Initiating Roles

A New LR may initiate a Change Request to change an LR in MSATS in accordance with section 12.4.4.

12.4.4. LR Requirements

The New LR must:

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

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

- (d) Nominate itself as the New LR.

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

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

12.4.5. 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 12-J.

Table 12-J – 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 |

12.4.6. Objection Rules

The 'Yes' Roles specified in Table 12-K may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 12-J.

Table 12-K – 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.

12.4.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 12-L.

Table 12-L – 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.

12.5. Change LR – Child NMI

12.5.1. Application [6421]

Section 12.5 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. |

12.5.2. Conditions Precedent

- (a) The *NMI* exists in MSATS.
- (b) The NMI Classification Code is SMALL or LARGE.
- (c) The New LR for the *child connection point* must be the FRMP of the Parent NMI.

12.5.3. Initiating Roles

A New LR may initiate a Change Request to change a LR in MSATS in accordance with section 12.5.4.

12.5.4. LR Requirements

The New LR must:

- (a) Obtain the NMI Checksum from an approved source.
- (b) Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- (c) Populate 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 | |

- (d) Nominate itself as the New LR.

The New LR may populate the Change Request with the following information:

Actual End Date

12.5.5. 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 12-M.

Table 12-M – 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 |

12.5.6. Objection Rules

The 'Yes' Roles specified in Table 12-N may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 12-M.

Table 12-N – 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.

12.5.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 12-O.

Table 12-O – 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.

12.6. Change ROLR

12.6.1. Application [6500 6501]

Section 12.6 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. |

12.6.2. Conditions Precedent

- (a) The *NMI* exists in MSATS.
- (b) The NMI Classification Code is SMALL or LARGE.

12.6.3. Initiating Roles

A New RoLR may initiate a Change Request to change a RoLR in accordance with section 12.6.4.

12.6.4. ROLR Requirements

The New RoLR must:

- (a) Obtain the NMI Checksum from an approved source.
- (b) Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- (c) Populate 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 | |

- (d) Nominate itself as the New RoLR.

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

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

12.6.5. Timeframe Rules

The Timeframe Rules are shown in the Table 12-P.

Table 12-P – 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 |

12.6.6. Objection Rules

Objections are not permitted.

12.6.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 12-Q.

Table 12-Q – 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.

12.7. Change MPB or MPC or Both

12.7.1. Application [6700 6701]

Section 12.7 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. |

12.7.2. Conditions Precedent

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

12.7.3. Initiating Roles

A Current MC may initiate a Change Request to change an MPB or MPC or both in accordance with section 12.7.4.

12.7.4. 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 | |

(d) Populate the Change Request with at least one of the following information:

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

The Current MC may:

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

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

12.7.5. 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.

12.7.6. 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 12-R.

Table 12-R – 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 |

12.7.7. Objection Rules

The 'Yes' Roles specified in Table 12-S may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 12-R.

Table 12-S – 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.

12.7.8. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 12-T.

Table 12-T – 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.

12.8. Change Multiple Roles

12.8.1. Application [6800 6801]

Section 12.8 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. |

12.8.2. 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.

12.8.3. 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 12.8.4.
- 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 12.8.5.

12.8.4. 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 | NMI and NMI Checksum |
|--------------------|----------------------------|----------------------|

| | | |
|----------------|----------------------|--|
| Participant ID | Proposed Change Date | |
|----------------|----------------------|--|

- (d) Populate a Change Request with one or more of the following:

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

The FRMP may:

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

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

12.8.5. MC Requirements

The 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 | <i>NMI</i> and NMI 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 | | |
|-----------------|--|--|

12.8.6. MDP Requirements

The MDP must:

- On receipt of a Data Request for Change Reason Code 6800 initiate a Change Request to provide the Actual Change Date.
- 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.
- For changes that require a Meter Reading, provide the Actual Change Date within 2 *days* of the Meter Reading.

12.8.7. 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 12-U.

Table 12-U – Timeframe Rules

CR 6800 – Change Multiple Roles

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

CR 6801 – Change Multiple Roles – Retrospective

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

12.8.8. Objection Rules

The 'Yes' Roles specified in Table 12-V may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 12-U.

Table 12-V – 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.

12.8.9. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 12-W.

Table 12-W – 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 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| COMPLETED | - | Yes | - | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| OBJECTED | - | Yes | - | - | - | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| PENDING | - | Yes | - | - | - | - | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| REJECTED | - | Yes | - | - | - | - | - | - | - | - | - | - | | Yes |
| REQUESTED | - | Yes | - | - | - | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |

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

13. AUTO CHANGE ROLE – CHANGE REQUESTS

13.1. Change Local Retailer Embedded Network Child

13.1.1. Application [ECLR]

Section 13.1 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|--|--|
| ECLR – Change of Local Retailer – Child (Auto) | <p>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>.</p> <p>All Participants will be notified by MSATS of this event in accordance with the notifications listed below.</p> |

13.1.2. Conditions Precedent

- (a) The *NMI* exists in MSATS.
- (b) There has been a change of FRMP of a Parent NMI;
- (c) The affected Child NMIs apply to *child connection points* within this *embedded network*.

13.1.3. Timeframe Rules

The Proposed Change Date must be within the Retrospective Period specified in Table 13-A.

Table 13-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 |

13.1.4. Objection Rules

Objections are not permitted.

13.1.5. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 13-B.

Table 13-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.

13.2. Change Secondary FRMP Parent

13.2.1. Application [EPFR]

Section 13.2 applies to the following Change Reason Codes:

| Change Reason Code | Comment |
|---------------------------------------|--|
| EPFR – Change of FRMP – Parent (Auto) | <p>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.</p> <p>All Participants will be notified of this in accordance with the Change Request Status Notification Rules</p> |

13.2.2. Conditions Precedent

- (a) The *NMI* exists in MSATS.
- (b) There are additional Parent NMIs with the same Parent Name;
- (c) There has been a change of FRMP of a Parent NMI; and
- (d) The Parent NMIs of this *embedded network* are affected.

13.2.3. Timeframe Rules

The Proposed Change Date must be within the Retrospective Period specified in Table 13-C.

Table 13-C – 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 |

13.2.4. Objection Rules

Objections are not permitted.

13.2.5. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 13-D.

Table 13-D – Change Request Status Notification Rules

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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

| 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.

14. AEMO ONLY – CHANGE REQUESTS

14.1. AEMO-Initiated Standing Data Updates

14.1.1. Application [5100 5101]

Section 14.1 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. |

14.1.2. Conditions Precedent

- (a) The *NMI* exists in MSATS.
- (b) The NMI Classification Code is SMALL or LARGE.

14.1.3. Initiating Roles

AEMO may initiate a Change Request to create a *NMI* record in accordance with section 14.1.4.

14.1.4. AEMO Requirements

AEMO must:

- (a) Obtain the NMI Checksum from an approved source.
- (b) Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.
- (c) Populate 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:

- (d) Populate the Change Request with values for the following fields (as applicable):

| | | |
|-----------------|-------------------------|-------------------|
| TNI Code | DLF Code | Jurisdiction Code |
| NMI Status Code | NMI Classification Code | FRMP |
| LNSP | LR | RP |
| MPB | MDP | MPC |
| RoLR | Locality | State |
| Postcode | Building Name | Feeder Class |
| DPID | Flat Number | Flat Type |
| Floor Number | Floor Type | House Number |

| | | |
|------------------------------|-------------------------|------------------------|
| House Number Suffix | Location Descriptor | Lot Number |
| Street Name | Street Suffix | Street Type |
| Unstructured Address 1 | Unstructured Address 2 | Unstructured Address 3 |
| Child Name | Parent Name | Aggregate Flag |
| Customer Classification Code | Customer Threshold Code | |

(e) Populate the Change Request with the following information for each Datastream:

| | | |
|--|-----------------------------------|-----------------------|
| <i>NMI</i> 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 | | |
|-----------------|--|--|

14.1.5. 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 14-A.

Table 14-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 |

14.1.6. Objection Rules

Objections are not permitted.

14.1.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 14-B.

Table 14-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.

14.2. Change Role, TNI or DLF CODE – Bulk Change Tool (BCT)

14.2.1. 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 14.2 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 14-C.

Table 14-C – 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 |

14.2.2. 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.

14.2.3. Requesting Participant Requirements

Where Table 14-C 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.

14.2.4. 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.

14.2.5. MDP Requirements

The MDP must update the activity status of any affected Datastreams via normal Change Request processes.

14.2.6. 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.

14.2.7. Objection Rules

Objections are not permitted.

14.2.8. 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.

15. ACCESS TO CATS STANDING DATA

15.1. 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 Error! Reference source not found. Table 15-C.

15.2. Participant

- (a) In accordance with Jurisdictional requirements, a Participant may seek access to *NMI Standing Data* from MSATS as set out in section 15.3.1 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 15.3.2 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 15.3.4 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 1023 and 1029) will be raised; or
 - (iii) Identifying the most recent previous FRMP to arrange with them to raise a transfer in order to win back a *NMI* transferred in error (CR1025).
- (d) A Current Participant is provided with access to CATS Standing Data in MSATS in accordance with Table 15-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 15.3.5 only for the purpose of identifying the NMI Classification of 'LARGE' in order to arrange a change of MC.

15.3. 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) NMI Discovery Search 3 – *NMI Standing Data*.

- (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 15.3.1.
- (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 15.3.2.
- (d) The CATS Standing Data Access Rules are contained in section 15.3.3.
- (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.

15.3.1. 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 data contained in Table 15-C. No other information will be provided.
- (k) The NMI Search Rules are shown in Table 15-A.
- (l) The LNSP must:

- (i) 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 15-A – NMI Search Rules

| Role | DPID | Meter Serial ID | NMI Address | Address returned in Stage 1 | Number of Records Returned if Multiple Match |
|--------------|------|-----------------|-------------|-----------------------------|--|
| FRMP LNSP | Yes | Yes | Yes | Yes | 99 |

15.3.2. NMI Discovery Search 2 – NMI Standing Data Access Rules

- (a) This section 15.3.2 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.

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 Table 15-C. Further details of each data item can be found in the MSATS standing data tables from the “Standing Data for MSATS” document.

15.3.3. 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 15-C. **Error! Reference source not found.**

15.3.4. NMI Discovery Search 3 – NMI Standing Data Access Rules

- (a) This section specifies the *NMI Standing Data* available to *retailers* who are:
- (i) seeking to progress error correction transfers (prior to initiating a CR 1023 and 1029);
 - (ii) seeking the previous FRMP to win back a *NMI* won in error – (CR 1025); and
 - (iii) 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:
- (i) Role can initiate a request for *NMI Standing Data*.
 - (ii) 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 by the Retailer based on criteria in Table 15-C. **Error! Reference source not found.**
- (e) When initiating NMI Discovery Search 3, a *retailer* must ensure:
- (i) 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.)
 - (ii) When using the reason of NNS (New NMI Setup Error – see Table 15-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 15-B.

Table 15-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. |
| | | | |
| | | | |
| 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. |

| Reason code | Description | MSATS Name of the data item returned | Description of data item returned on a successful request |
|-------------|----------------------|--------------------------------------|--|
| 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. |
| 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. |
| | | | |

15.3.5. MC Standing Data Search – NMI Standing Data Access Rules

- (a) This section 15.3.5 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 15-C.

Table 15-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) | | | | | | | | | | | | | | | | |
| 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'. | ALL | Yes | Yes | Yes | Yes | Yes | - | Yes | - | Yes | Yes | - | - | - | |
| BuildingName | The full name used to identify the physical building or property as part of its location. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | Yes* | Yes | Yes | |
| 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. (see section 4.10.1) | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | Yes* | Yes | Yes | |
| Customer Threshold Code (CustomerThreshold Code) | 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) | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | Yes* | Yes | Yes | |
| DLF Code (DLFCode) | DLF Code used to indicate the DLF value for the given NMI. | ALL | 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 |
| DPID | Delivery point identifier – the numeric descriptor for a postal delivery point which is equal to a physical address. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | Yes* | Yes | | - |
| Child Name (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.) | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | Yes* | Yes | | - |
| Parent Name (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.) | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | Yes* | Yes | | - |
| Feeder Class | To provide a 15 character long field in varchar format for logical grouping of NMIs based on a DNSP's distribution feeder. | ALL | Yes | Yes | Yes | - | - | - | Yes | - | Yes | - | Yes* | Yes | | - |
| FlatNumber | Specification of the number of the flat or unit which is a separately identifiable portion within a building/complex. | 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 |
| 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. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | Yes* | Yes | | Yes |
| FloorNumber | Floor Number is used to identify the floor or level of a multi-storey building/complex. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | Yes* | Yes | | Yes |
| 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. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | Yes* | Yes | | Yes |
| HouseNum | The numeric reference of a house or property. Specifically the house number. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | Yes* | Yes | | Yes |
| HouseNum Suffix | The numeric reference of a house or property. Specifically the single character identifying the house number suffix. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | Yes* | Yes | | Yes |
| Jurisdiction Code | Jurisdiction Code to which the NMI belongs. | 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 |
| Locality | The full name of the general locality containing the specific address. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | Yes* | Yes | | Yes |
| Location Descriptor | A general field to capture various references to address locations alongside another physical location. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | Yes* | Yes | | Yes |
| Lot Number | The lot reference number allocated to an address prior to street numbering. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | Yes* | Yes | | Yes |
| NMI | National Meter Identifier – unique identification for each <i>connection point</i> . | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| NMI Checksum | A single digit number used to validate the NMI supplied to MSATS | All | - | - | - | - | - | - | - | - | - | - | Yes | Yes | | Yes |
| NMI Classification Code | A code that identifies, on a Jurisdiction basis, the magnitude of the power consumed, eg small or large. (see section 4.9) | 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 |
| NMI Status Code (NMIStatusCode) | Code used to indicate the status of the NMI, i.e. active, de-energised, extinct. (See section 4.11) | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | | Yes | | Yes |
| Postcode | The numeric descriptor for a postal delivery area, aligned with locality, suburb or place. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | Yes* | Yes | | Yes |
| State | Defined State or Territory abbreviation. Values permitted include: AAT, ACT, NSW, NT, QLD, SA, TAS, VIC, WA. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | Yes* | Yes | | Yes |
| StreetName | Records the thoroughfare name. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | Yes* | Yes | | Yes |
| 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 |

| 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 |
| TNI Code (TNICode) | Transmission Node Identifier. Identifies a <i>transmission network connection point</i> . | 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 | | 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 | | 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 | | Yes |
| MSATS Standing Data Table: PARTICIPANT RELATIONS (CATS_NMI_PARTICIPANT_RELATIONS) | | | | | | | | | | | | | | | | |
| FRMP | Financially Responsible <i>Market Participant</i> , e.g. Current Retailer. | ALL | Yes | - | Yes | Yes | Yes | - | Yes | - | Yes | Yes | - | - | Yes | Yes |
| LNSP | Current Local <i>Network Service Provider</i> (or ENM for a <i>child connection point</i>). | ALL | Yes | 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 |
| LR | Current <i>local retailer</i> . | ALL | Yes | Yes | Yes | Yes | Yes | - | Yes | - | Yes | - | - | - | | Yes |
| MDP | Current MDP – Category D. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | Yes | | Yes |
| MPB | Current MP – Category B. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | Yes | | Yes |
| MPC | Current MDP – Category C. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | Yes | | Yes |
| NEMM | | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | - | | - |
| ROLR | Current Retailer of Last Resort. | 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 |
| RP | Current <i>Metering Coordinator</i> . | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | Yes | | Yes |
| NSP2 | Current <i>Second Network Service Provider</i> | ALL | - | - | Yes | Yes | - | - | Yes | - | Yes | Yes | - | - | | - |
| MSATS Standing Data Table: METER REGISTER (CATS_METER_REGISTER) | | | | | | | | | | | | | | | | |
| AddSiteInfo | This field is used to provide any additional information about a Site to describe Site access and the relationship between the <i>metering point</i> and the <i>connection point</i> . | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | - | | - |
| 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. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | - | Yes | - | - | - | | - |
| Calibration Tables | Details of any calibration factors programmed into the meter. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | - | Yes | - | - | - | | - |
| CommEquip Type | Indicates modem or other communication device types. | 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 |
| CommProtocol | Textual description of details needed to communicate to communication devices. | ALL | 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 | - | - | - | | - |
| DataValidations | Textual description of details needed to validate data received from a communication device. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | - | Yes | - | - | - | | - |
| EstlInstruct | Textual instructions on how to estimate the Meter Reading if an Estimated Reading is required. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | - | Yes | - | - | - | | - |
| LastTestDate | Last date on which the <i>meter</i> was tested. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | - | Yes | - | - | - | | - |
| Measurement Type | Code indicating how the <i>meter</i> is measuring, example values include, aggregate, consumption, programmable, interval. | 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 |
| MeterConstant | Multiplier applied to the <i>meter</i> to arrive at the consumption. | ALL | 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 | - | - | | - |
| Metering Installation Type Code (MeterInstall Code) | The Metering Installation Type Code indicates whether or not the <i>meter</i> 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 |
| MeterLocation | Code or text indicating where the meter is physically located at the premises. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | - | | - |
| Meter Manufacturer | The manufacturer code for the <i>meter</i> . | ALL | Yes | - | - | Yes | Yes | Yes | Yes | - | Yes | - | - | - | | - |
| MeterModel | The manufacturer's model number for the meter. | 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 |
| MeterPoint | An additional metering identifier field. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | - | | - |
| MeterProgram | For programmable <i>meters</i> , an identifier of the program run at the <i>meter</i> . | ALL | Yes | - | - | Yes | Yes | Yes | Yes | - | Yes | - | - | - | | - |
| Meter Read Type (MeterReadType) | Code indicating how the <i>meter</i> is read Refer to "Standing data for MSATS" document for further details. | ALL | 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 | - | - | - | | - |
| Meter Serial ID (MeterSerial) | The serial number that uniquely identifies a <i>meter</i> for a given <i>NMI</i> . | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | Yes | | Yes |
| Meter Register Status Code (MeterStatus) | Code used to indicate the status of the <i>meter</i> . | ALL | 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 |
| MeterUse | Code indicating revenue <i>meter</i> , <i>check meter</i> , <i>load research</i> , etc. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | - | | - |
| Next Scheduled Read Date (NextSchRead Date) | Indicates the NSRD for the <i>meter</i> if a reading is required. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | Yes | | Yes |
| NextTestDate | Next date on which the <i>meter</i> should be tested. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | - | Yes | - | - | - | | - |
| Password | Read and Time Set passwords, separated by a space. Note that the Write password is not to be stored in this field. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | - | Yes | - | - | - | | - |
| ReadTypeCode | Code used to indicate whether a <i>meter</i> should be read on the NSRD, a Special Read Date or an Substituted Reading. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | - | Yes | - | - | - | | - |
| RemotePhone Number | The phone number for remote access. | VIC, NSW, ACT, QLD | - | - | - | 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 |
| | | SA | - | - | Yes | Yes | Yes | - | Yes | - | Yes | Yes | - | - | | - |
| TestCalibProgram | Current test and calibration program details. | ALL | Yes | - | Yes | Yes | Yes | - | Yes | - | Yes | Yes | - | - | | - |
| TestPerformed By | Who performed the last test. This field could be used to store a company or individual's name. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | - | Yes | - | - | - | | - |
| TestResult Accuracy | The accuracy of the <i>meter</i> from the last test. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | - | Yes | - | - | - | | - |
| TestResult Notes | Any text or further test information. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | - | Yes | - | - | - | | - |
| Transformer Location | Indicates where the <i>transformer</i> is in relation to the <i>meter</i> . | 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 |
| UserAccess Rights | Details of any End User access to the <i>metering installation</i> . 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 | - | - | - | | - |
| Transformer Ratio | <i>Instrument transformer</i> 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 | - | - | | - |
| MSATS Standing Data Table: REGISTER ID (CATS_REGISTER_IDENTIFIER) | | | | | | | | | | | | | | | | |
| Actual/Cumulative Indicator (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. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | Yes | | - |
| Controlled Load | 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 |

| 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 |
| Demand1 | 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 | - | - | | - |
| Demand2 | 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 | - | - | | - |
| 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. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | Yes | | - |
| Multiplier | Multiplier required to take a register value and turn it into a value representing billable energy. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | Yes | | Yes |
| Network Tariff Code (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). | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | Yes | | Yes |
| Network Tariff Code Additional Information (NTAddInfo) | Contains additional explanatory information about the Network Tariff if the code alone is not a sufficient explanation. | ALL | 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 |
| RegisterId | The identifier which uniquely identifies this register. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | Yes | | Yes |
| Register Identifier Status Code (RegisterId Status) | A code to indicate whether or not the register is active. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | Yes | | Yes |
| Suffix | The suffix on the CATS_NMI_Datastream table to which energy measured on this register contributes. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | Yes | | - |
| TimeOfDay | A code that indicates the time validity of the register's contents. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | Yes | | Yes |
| UnitOf Measure | A code to identify the unit of measure for the data held in this register. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | Yes | | Yes |
| MSATS Standing Data Table: NMI DATASTREAM (CATS_NMI_DATA_STREAM) | | | | | | | | | | | | | | | | |
| ADL (AverageDailyLoad) | The electrical energy delivered through a <i>connection point</i> or metering point over an extended period normalised to a per day basis. | ALL | 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 |
| DataStream Type | Indicates the type of data that the Datastream will report includes interval and accumulation. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | Yes | | Yes |
| ProfileName | See Retail Market Procedures – Glossary and Framework | ALL | Yes | Yes | Yes | Yes | Yes | - | Yes | - | Yes | Yes | - | Yes | | - |
| DataStream Status Code (StreamStatus Code) | Code used to indicate the status of the suffix. (See section 4.11) | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | Yes | | Yes |
| Suffix | Stream of data for the <i>NMI</i> . | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | - | | - |
| MSATS Metering Data | | | | | | | | | | | | | | | | |
| Previous Read Dates | The dates of the Previous Meter Reads performed by the MDP. | 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 |
| Previous Read Quality Flag | A code representing the quality of the Previous Meter Reads performed by the MDP. Values permitted include: A – Actual S- Substitute F – Final Substitute | | | | | | | | | | | | | | | |

* Only if "Address returned in stage 1" is turned on