

MSATS PROCEDURES

CATS PROCEDURE PRINCIPLES AND OBLIGATIONS

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VERSION RELEASE HISTORY

| Version | Effective Date | Summary of Changes |
|---------|--------------------------------|--|
| 3.4a | 15 th July 2011 | Updated to facilitate further extension of contestability to small business customers in Tasmania. |
| 3.5 | 25 th August 2011 | Updated to include a new objection for the CR1010 & CR1081 and manifest changes. |
| 3.6 | 13 th January 2012 | Updated to include a new Change Reason Code for the update of the Customer Classification Code field; additional changes related to National Energy Customer Framework; and other minor manifest text changes. |
| 3.7 | 15 th May 2013 | Updated to include a new NMI Discovery Search 3 transaction; aligning procedures with the NER as a result of introduction of new terminology regarding MDPs; updates based on a New Connections process review to facilitate that a LNSP only nominate a <i>retailer</i> as the FRMP based on instruction from that <i>retailer</i> ; changes as a result of introduction of Market Small Generation Aggregator (MSGGA). |
| 3.8 | 13 th November 2013 | Updated to align MPB obligations with MDP obligations during the meter set up or maintenance process, by requiring the MPB to source the suffix from the appropriate MDP. |
| 3.9 | 1 st January 2014 | No version 3.9 was released. The Tasmanian Government withdrew its request for the change to the CATS Procedures. |
| 4.0 | 15 th May 2014 | Updated to include amendments arising from the introduction of NECF in NSW. |
| 4.1 | 1 July 2014 | Updated to include amendments arising from the AEMC Rule change on Access to <i>NMI Standing Data</i> . |
| 4.2 | 1 December 2017 | Updated to incorporate: <ul style="list-style-type: none"> • National Electricity Amendment (Expanding competition in metering and related services) Rule 2015. No.12; • National Electricity Amendment (Embedded Networks) Rule 2015 No. 15; and • National Electricity Amendment (Meter Replacement Processes) Rule 2016 No. 2. |
| 4.3 | 1 December 2017 | Updated to add clarifications and correct errors. |
| 4.4 | 1 December 2017 | Updated to incorporate feedback from PoC Work Package 3 First Stage consultation. |
| 4.5 | 1 December 2017 | Updated to incorporate feedback from PoC Work Package 3 Second Stage Consultation. |
| 4.6 | 20 May 2019 | Updated to enable the transfer of a NMI on a greenfield site, include updates to the use of objection codes and altered the definition for DATEBAD objections. New MC standing data search process added and further clarified responsibilities to correct the NTC in MSATS |
| 4.7 | 20 May 2019 | Minor amendment to enable MDP to view CR6700/6701 in all statuses to enable the required DATEBAD objection to occur. |
| 4.8 | 20 May 2020 | Updated to define the dates MPs must use when updating MSATS relating to remote de-energisations and remote re-energisations, define timeframes for updating datastreams in MSATS, clarify the communication of the identification of incorrect NMI and metering installation, and clarify the LNSP's obligations in relation to creating Embedded Network Codes. |
| 4.9 | 1 October 2021 | Updated to incorporate changes from NEM Customer Switching |
| 4.91 | 1 October 2021 | Updated to incorporate TN12 Code for the National Electricity Amendment (Global settlement and market reconciliation) Rule 2018 No. 14. |
| 4.911 | 1 October 2021 | Updated to include changes for the Metering ICF Package 2020 consultation, the changes are for the following Information Change Requests (ICFs): <ul style="list-style-type: none"> • ICF_029 Amend or Revert Definition of the Register ID Field in MSATS |
| 4.912 | 1 October 2021 | Updated to include: <ul style="list-style-type: none"> • additional field in the reversal CRCs: CR1060 and CR1061 • provision of CR1060 and 1061 COM notifications to New MC (RP) |

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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.

1.4. Related AEMO Documents

| Title | Location |
|--------------------------------------|---|
| Allocation of Embedded Network Codes | https://www.aemo.com.au/energy-systems/electricity/national-electricity-market-nem/market-operations/retail-and-metering/accreditation-and-registration |
| CATS Hints and Tips | https://www.aemo.com.au/energy-systems/electricity/national-electricity-market-nem/market-operations/retail-and-metering/market-settlement-and-transfer-solutions-msats |
| Guide to MSATS B2B | https://www.aemo.com.au/energy-systems/electricity/national-electricity-market-nem/market-operations/retail-and-metering/market-settlement-and-transfer-solutions-msats |
| Guide to MSATS Web portal | https://www.aemo.com.au/energy-systems/electricity/national-electricity-market-nem/market-operations/retail-and-metering/market-settlement-and-transfer-solutions-msats |
| Introduction to MSATS | https://www.aemo.com.au/energy-systems/electricity/national-electricity-market-nem/market-operations/retail-and-metering/market-settlement-and-transfer-solutions-msats |
| MDM Procedures | https://www.aemo.com.au/energy-systems/electricity/national-electricity-market-nem/market-operations/retail-and-metering/market-settlement-and-transfer-solutions-msats |
| Metrology Procedure: Part A | https://www.aemo.com.au/energy-systems/electricity/national-electricity-market-nem/market-operations/retail-and-metering/metrology-procedures-and-unmetered-loads |
| Metrology Procedure: Part B | https://www.aemo.com.au/energy-systems/electricity/national-electricity-market-nem/market-operations/retail-and-metering/metrology-procedures-and-unmetered-loads |
| NEM RoLR Processes | https://www.aemo.com.au/energy-systems/electricity/national-electricity-market-nem/market-operations/retail-and-metering/market-settlement-and-transfer-solutions-msats |
| NMI Procedures | https://www.aemo.com.au/energy-systems/electricity/national-electricity-market-nem/market-operations/retail-and-metering/metering-procedures-guidelines-and-processes |

| | |
|---|---|
| Retail Electricity Market Procedures – Glossary and Framework | https://www.aemo.com.au/energy-systems/electricity/national-electricity-market-nem/market-operations/retail-and-metering |
| Service Level Procedure (MDP) | https://www.aemo.com.au/energy-systems/electricity/national-electricity-market-nem/market-operations/retail-and-metering/metering-procedures-guidelines-and-processes |
| Standing Data for MSATS | https://www.aemo.com.au/energy-systems/electricity/national-electricity-market-nem/market-operations/retail-and-metering/market-settlement-and-transfer-solutions-msats |
| WIGS Procedures | https://www.aemo.com.au/energy-systems/electricity/national-electricity-market-nem/market-operations/retail-and-metering/market-settlement-and-transfer-solutions-msats |

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;
 - (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; and
 - (iii) must produce evidence to AEMO otherwise to demonstrate compliance with the requirements of these Procedures, within five business days 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, ensuring a customer transfer is raised 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) Provide or update, respectively, an End User's Customer Classification Code, within five *business days* of:
 - (i) the Current FRMP becoming aware that the value in MSATS is not populated or is incorrect; or
 - (ii) the *NMI* Status Code becoming 'A' in MSATS, where the Customer Classification Code has changed.
- (q) Update or provide the Customer Classification Code as per 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 Change Requests 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 Change Requests 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 Metering Data Types of Manually Read, 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 13.6).

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. MSATS REPORTS

3.1. MSATS Reports

The following reports are available to Participants from MSATS.

Table 3-A – MSATS Reports

| Report Name | Description |
|-------------|--|
| CATS C1 | Data Replication Resynchronisation Report |
| CATS C3 | NMI Change Request Report |
| CATS C4 | NMI Master Report |
| CATS C7 | New Participant Data Access Report |
| CATS C9 | NMI Count Report |
| CATS C12 | Report ROLR NMI Count |
| MDM RM8 | Date BMP PPS Generated Report |
| MDM RM9 | Actual Versus Estimate Data Report |
| MDM RM11 | MDM Missing Data (null) Report |
| MDM RM13 | NMI Datastreams History Report |
| MDM RM14 | MDP Data Version Comparison Report |
| MDM RM15 | Multiple Versions Report |
| MDM RM16 | Level 1 Settlement Reconciliation Report |
| MDM RM17 | Level 3 Settlement Reconciliation Report for Non-Aggregated Data |
| MDM RM18 | Interval Data Report |
| MDM RM19 | Aggregated Energy Actual-vs-Estimate Report |
| MDM RM20 | Profile Shape Data Report |
| 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. 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 –Change Reason Codes

| 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 NMI – 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 | 1060 | Cooled Off (SMALL NMI only) | Current FRMP |
| | 1061 | Debt (SMALL NMI only) | New FRMP |
| Provide Data | 1500 | Provide Actual Change Date | New and Current MDP |
| Create NMI | 2000, 2001 | Create <i>NMI</i> Details | New LNSP |
| | 2020, 2021 | Create <i>NMI</i> Details – Child | New ENM |
| | 2500, 2501 | Create <i>NMI</i> , <i>NMI</i> Datastream & <i>metering installation</i> details | New LNSP |
| | 2520, 2521 | Create <i>NMI</i> , <i>MDM</i> Datastream & <i>Metering Installation</i> Details – Child <i>NMI</i> | 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 <i>NMI</i> Datastream Details | Current MDP |
| | 4004, 4005 ⁽³⁾ | Exchange of Datastream Information | Current MDP |
| | 4050, 4051 ⁽³⁾ | Change <i>NMI</i> 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 |
| Change Role | 6100, 6110 | Change LNSP | New LNSP or new ENM |
| | 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 <i>NMI</i> | 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 |

| Event | CR | Description | Initiating Participant |
|-----------|---------------------------|--------------------------------|------------------------|
| AEMO Only | 5110, 5111 ⁽⁴⁾ | Change External Profile Shape | AEMO |
| | 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 5 in the WIGS Procedures for details on these Change Reason Codes.

4.2. Jurisdiction Codes

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

Table 4-B – 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 |

4.3. Objection Codes and Rules

- (a) A Participant can Object to a Change Request only on:
 - (i) The basis of the Objection Codes defined in Table 4-C; and
 - (ii) the condition that the Participant is 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.

Table 4-C – 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 Current FRMP, or MDP for retrospective change of <i>retailer</i> or change of role requests where one or both of the Proposed Change Date, or Actual End Date is incorrect. |
| 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. |
| NOTPRUD | No prudential approval. AEMO has not approved the transaction for prudential reasons. |
| NOTRANS | Used by the Current FRMP and only applies to retrospective change of <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.

4.4. NMI Classification

- (a) 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

Table 4-D – NMI Classification Codes

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

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

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

4.5. End User Classification

4.5.1. Customer Classification Code

- (a) 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-E – 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.

4.5.2. Customer Threshold Code

- (a) 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'.

Table 4-F – 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. |

4.6. Status Codes

4.6.1. NMI Status Codes

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

Table 4-G – 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>, or; the <i>embedded network connection</i> has been permanently removed from the <i>child connection point</i>, or the <i>connection point</i> has been moved from an LNSP's <i>network</i> to an <i>embedded network</i> or vice versa. Under this condition the existing <i>NMI</i> will not be reallocated to any other <i>connection point</i> in the future. A <i>NMI</i> with this status can never be transferred. |
| G | Greenfield Site 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> . |

4.6.2. Datastream Status Codes

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

Table 4-H – 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.

4.6.3. 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-I.

Table 4-I – Meter Register Status Codes

| Code | Name of code | Description of code |
|------|------------------------------|--|
| C | Current | Applies when the Meter Register is current and not <i>disconnected</i> . |
| R | Removed | Applies when the Meter Register associated with the <i>NMI</i> is removed. |
| D | Remotely <i>disconnected</i> | Applies when the Meter Register is <i>disconnected</i> |

4.6.4. 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-J.

Table 4-J – 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> . |

4.7. Metering Installation Type Codes

- (a) The Metering Installation Type Codes defined in Table 4-K identifies the type of *metering installation* as specified in the NER.

Table 4-K – 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 | Aa relevant <i>metering installation</i> as defined in clause 9.9C of the NER. |

4.7.1. Consequences of Allocating Certain Metering Installation Codes

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

4.8. Read Type Code

- (a) The Read Type Code is a direction to the MDP that either:
- (i) a specified Meter Reading is to be used to facilitate the transfer or
 - (ii) that no Meter Reading is required.
- (b) The Read Type Codes are specified in Table 4-L.

Table 4-L – 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> . |
| 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. The previous Meter Reading must have been determined by MSATS, and have a Quality Flag of 'A' or 'F'. <i>Excludes CR1040</i> |
| 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 the substituted metering data if an existing Actual Meter Reading for this date does not exist. (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 the New FRMP to the Current MDP that a B2B Service Order is being provided to arrange for a physical site visit to undertake a reading to facilitate an End User transfer, upon receipt of the relevant ServiceOrderRequest from the New FRMP |

| | | |
|----|----------------------------|--|
| UM | Unmetered Connection Point | Used when the <i>NMI</i> being transferred is an unmetered <i>connection point</i> . |
|----|----------------------------|--|

- (c) The combinations of Read Type Codes, Metering Installation Type Codes and Change Reason Codes that can be valid, are specified in Table 4-M.

Table 4-M – Valid Combinations of Read Type Codes, Metering Data Type 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 |
| 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 |
| PR | Previous Read Date | No | No | Yes | No | No | Yes | No | No | No |
| RR | Read Required | Yes | Yes | No | No | No | No | No | No | No |
| SP | Special Read | Yes | No | No | Yes | Yes | No | No | No | No |
| UM | Unmetered Connection Pt | No | No | No | No | No | No | No | No | Yes |

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

Note: No meter reading is required for CR Code 1023

4.9. Previous Read Dates and Previous Read Quality Flags

- (a) The Previous Read Dates and Previous Read Quality Flags are values specifying the dates of previous Metering Reading and associated *metering data* quality flags. These dates are provided via NMI Discovery.
- (b) The Previous Read Dates and Previous Read Quality Flags will only be provided where the *Metering Data Type* is Manually Read.

4.10. Datastream Status Code

- (d) If a Datastream Status Code is set to A (active) this flag will be used by MSATS to indicate that *metering data* is to be expected for the *NMI* for the purpose of:
- aggregation in the *settlements* process; or
 - netting off in the determination of a *profile* shape.

4.11. Embedded Network Codes and Rules

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

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

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.

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*.
- (c) MSATS:
 - (i) will identify Type 1 and Type 2 concurrent retail transfers, respectively, as well as the FRMPs that have Initiated these relevant Change Requests;
 - (ii) will Reject the newly submitted Change Request, sending a notification detailing the reason for the Rejection; and
 - (iii) may Cancel the existing Change Request appropriately.

6. CHANGE RETAILER – CHANGE REQUESTS

6.1. Change Retailer

6.1.1. Application [1000 1010 1030 1040]

| 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, actual or substituted metering data, as defined by the Read Type Code. Applies to all Metering Data Types. - Retrospective Day – a date as nominated by the new FRMP. The Metering Data Type must be Remotely Read. |
| 1010 – Change Retailer (SMALL/Retrospective only) | The date of transfer is the date of a Previous Meter Reading (a Retrospective Day). The Metering Data Type must be Manually Read. |
| 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 MSATS⁶.
- 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 | Read Type Code |

- Must, for Change Reason Code 1010, ensure the Proposed Change Date aligns with one of the Previous Read Dates.
- Must withdraw the transfer request, if advised by the Current MDP that a Meter Reading cannot be obtained in response to a Read Type Code for SP;
- May withdraw a change of retailer transaction request at any time prior to the transfer being Completed; and
- May populate the Change Request with the following items:

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

⁶ If it doesn't, the *retailer* should refer to section 8.1 and seek LNSP action to establish a *NMI*.

6.1.4. MDP Requirements

The MDP must:

- (a) On receipt of a Data Request, initiate a Change Request to provide the Actual Change Date within two days of the Meter Reading.
 - (i) where the MDP has failed to take a Meter Reading for a Special Read, the MDP must advise the New FRMP of the failure within two business days of the Special Read Date.
- (b) Where a Data Request is not received and 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.
- (c) 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

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 them. Refer to section 13 for Change Requests relating to 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 (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
| 0 | 0 | 10 | 65 |
| CR 1010 – Change Retailer – Retrospective | | | |
| Objection Logging Period (business days) | Objection Clearing Period (business days) | Retrospective Period (business days) | Prospective Period (business days) |
| 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 |

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

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

6.2. Error Corrections

6.2.1. Application [1020 1023 1025 1029]

| Change Reason Code | Description |
|--|--|
| 1020 – Change Retailer – Retrospective – Long Term/Error (Not SMALL ⁷) | 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. |
| 1023 – New NMI – Update/Correct FRMP on Greenfield Site (SMALL only) | 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 (SMALL only) | 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. |
| 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

- (a) The *NMI* exists in MSATS.⁸
- (b) The NMI Classification Code is SMALL or LARGE
- (c) A change of retailer role can only be initiated by a New FRMP.

6.2.3. FRMP Requirements

The New FRMP:

- (a) Must confirm that the *NMI* is a valid *NMI* for the *connection point*;
- (b) Must confirm that the *NMI* is a greenfield site and has never had a *metering installation* installed at the *connection point* (applies to CR1023).
- (c) Must provide the following information within the Change Request:

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

- (d) Must Nominate itself as the New FRMP.
- (e) May Populate the Change Request with the identity of the following Roles:

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

- (f) May populate the Change Request with:

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

- (g) May withdraw a change of *retailer* transaction request at any time until the transfer is completed.

⁷ "not SMALL" refers to LARGE, WHOLESAL, INTERCON, GENERATR or SAMPLE NMIs.

⁸ 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*.

6.2.4. 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.

6.2.5. 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 13 for Change Request types for Role Changes.

6.2.6. 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 the Table 6-D.

Table 6-D– Timeframe Rules

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

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 |

6.2.7. Objection Rules

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

Table 6-E – Objection Rules

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

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

6.2.8. Change Request Status Notification Rules

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

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

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

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 |
| 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.

7. REVERSE – CHANGE REQUESTS

7.1. Reverse – SMALL NMIs

7.1.1. Application 1060, 1061

| 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 |
| Its Participant ID | Related Change Request ID | Proposed Change Date |

- (c) May align the Proposed Change Date to the Current Date or the Actual Change Date of the initial Change Request.

Note: A date is required for transaction validity. May be any date. However the transaction will operate on the actual date of the transaction being reversed, not the date in the proposed date field.

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

7.1.5. Timeframe Rules

- (a) The Proposed Change Date of the reversal CR being initiated, will be determined by MSATS based on the Actual Change Date of the CR that is the object of the reversal.

- (b) When preparing a Change Request reversal the initiating FRMP must ensure the Actual Change Date of the CR that is the object of the reversal 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 | 75 | 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 | 6 | 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 | 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 | Yes |
| OBJECTED | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PENDING | Yes | - | - | - | - | - | - | - | - | - | - | - | - | - |
| REJECTED | Yes | - | - | - | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | | | | | |
|-----------|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|
| REQUESTED | Yes | - | - | - | - | - | - | - | - | - | - | - | - | - |
|-----------|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|

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

8. PROVIDE DATA – CHANGE REQUESTS

8.1. Provide Actual Change Date

8.1.1. Application [1500]

| 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. |

8.1.2. 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.

8.1.3. Initiating Roles

The MDP may initiate a Change Request to submit an Actual Change Date to MSATS in accordance with section 8.1.4.

8.1.4. 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 | | |

8.1.5. 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 8-A.

Table 8-A – Timeframe Rules

CR 1500 – Provide Actual Change Date (MDP)

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

8.1.6. Objection Rules

Objections are not permitted.

8.1.7. 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-B.

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

CR 1500 – Provide Actual Change Date (MDP)

PARTICIPANT ROLE – Receives Notification of Change

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

** N = New Role, C = Current Role

9. CREATE NMI – CHANGE REQUESTS

9.1. Create NMI

9.1.1. Application [2000 2001]

| 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. |

9.1.2. Conditions Precedent

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

9.1.3. Initiating Roles

A New LNSP may initiate a Change Request to create a *NMI* record in MSATS in accordance with section 9.1.4.

9.1.4. 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 | | |

9.1.5. 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.

9.1.6. 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 9-A.

Table 9-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 |

9.1.7. Objection Rules

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

Table 9-B – Objection Rules

CR 2000 – Create NMI Details

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

CR 2001 – Create NMI Details – Retrospective

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

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

9.1.8. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 9.1.1 are specified in Table 9-C.

Table 9-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.

9.2. Create Child NMI

9.2.1. Application [2020 2021]

| 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. |

9.2.2. Conditions Precedent

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

9.2.3. Initiating Roles

A New ENM may initiate a Change Request to create a *NMI* record in MSATS in accordance with section 9.2.4.

9.2.4. 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 | | |

9.2.5. 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.

9.2.6. 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 9-D.

Table 9-D – 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 |

9.2.7. Objection Rules

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

Table 9-E– 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.

9.2.8. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 9.2.1 are specified in Table 9-F.

Table 9-F – 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.

9.3. Create NMI, Metering Installation Details and NMI Datastream

9.3.1. Application [2500 2501]

| 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. |

9.3.2. Conditions Precedent

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

9.3.3. Initiating Roles

If the New LNSP meets the condition imposed by section 9.3.2 the New LNSP may initiate a Change Request to create a *NMI*, *metering installation* details and NMI Datastream in MSATS in accordance with section 9.3.4.

9.3.4. 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 | 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 |
|--|---|--|

9.3.5. 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 9-G.

Table 9-G – 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 |

9.3.6. 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 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.

9.3.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 9.3.1 are specified in Table 9-I.

Table 9-1 – 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.

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

9.4.1. Application [2520 2521]

| 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> . |

9.4.2. Conditions Precedent

- (a) The NMI does not exist in MSATS.
- (b) The NMI classification code is SMALL or LARGE.

9.4.3. 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 9.4.4.
- (b) The New ENM must use one of the following Change Reason Codes 2520 or 2521 to establish a Change Request.

9.4.4. 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 <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) 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 |
|--|---|--|

9.4.5. Timeframe Rules

The Timeframe Rules are shown in Table 9-J.

Table 9-J – 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 |

9.4.6. 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 9-K.

Table 9-K – 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.

9.4.7. 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 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.

10. CREATE AND MAINTAIN METERING – CHANGE REQUESTS

10.1. Create Metering Installation Details

10.1.1. Application [3000 3001]

| 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. |

10.1.2. 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.

10.1.3. Initiating Roles

A Current MPB may initiate a Change Request to create *metering installation* records in MSATS in accordance with section 10.1.4.

10.1.4. 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 | | |
|-----------------|--|--|

10.1.5. 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 10-A

Table 10-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 |

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 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.

10.2. Exchange of Metering Information

10.2.1. Application [3004 3005]

| 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. |

10.2.2. 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.

10.2.3. Initiating Roles

A Current MPB may initiate a Change Request to change and create *metering installation* records in MSATS in accordance with section 10.2.4.

10.2.4. 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 <i>NMI</i> Checksum | <i>NMI</i> 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 | | |
|-----------------|--|--|

10.2.5. 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 10-C.

Table 10-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 |

10.2.6. Objection Rules

Objections are not permitted.

10.2.7. Change Request Status Notification Rules

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

Table 10-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.

10.3. Change Metering Installation Details

10.3.1. Application [3050 3051]

| 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. |

10.3.2. 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.

10.3.3. Initiating Roles

A Current MPB may initiate a Change Request to change *metering installation* records in MSATS in accordance with section 10.3.4.

10.3.4. 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 | <i>NMI</i> and <i>NMI</i> 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 | | |
|-----------------|--|--|

10.3.5. 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 10-E

Table 10-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 |

10.3.6. Objection Rules

Objections are not permitted.

10.3.7. Change Request Status Notification Rules

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

Table 10-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.

10.4. Advanced Change Metering Installation Details

10.4.1. Application [3080 3081]

| 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. |

10.4.2. 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.

10.4.3. Initiating Roles

- (a) A Current MC may initiate a Change Request to change and create *metering installation* records in MSATS in accordance with section 10.4.4.
- (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.

10.4.4. 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.

10.4.5. 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.

10.4.6. 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 10-G.

Table 10-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 |

10.4.7. Objection Rules

The 'Yes' Roles specified in Table 10-H may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 10-G.

Table 10-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 |
| BADDATA | ALL | ALL | - | - | - | - | Yes | Yes | - | - | - | - | - | - | - | - |

| | | | | | | | | | | | | | | | | |
|----------|-----|-----|---|---|---|---|-----|---|-----|---|---|---|---|---|---|---|
| DECLINED | ALL | ALL | - | - | - | - | Yes | - | Yes | - | - | - | - | - | - | - |
|----------|-----|-----|---|---|---|---|-----|---|-----|---|---|---|---|---|---|---|

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

10.4.8. Change Request Status Notification Rules

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

Table 10-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.

10.5. Advanced Exchange of Metering

10.5.1. Application [3090 3091]

| 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. |

10.5.2. 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.

10.5.3. Initiating Roles

- (a) A Current MC may initiate a Change Request to change and create *metering installation* records in MSATS in accordance with section 10.5.4.
- (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.

10.5.4. 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 |
| 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):

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

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

| | | |
|---|--|--|
| Register ID | Register Identifier Status Code (for each Register ID) | Unit of Measure Code (for each Register ID) |
| Multiplier Value (for each Register ID) | Time of Day Code (for each register ID) | Dial Format (for each register ID) |
| Network Tariff Code (for each Register ID) | Controlled Load Indicator (for each Register ID) | Actual/Cumulative Indicator (for each Register ID) |
| MDM Contributory Suffix (for each register) | | |

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

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

The Current MC may:

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

| | | |
|--------------------------------------|--|--|
| MDP | MPB | MPC |
| Additional Site Information | NSRD | Meter Location |
| Meter Hazard | Meter Route | Meter Use |
| Meter Point | Meter Manufacturer | Meter Model |
| Transformer Location | Transformer Type | Transformer Ratio |
| Meter Constant | Last Test Date | Next Test Date |
| Test Result Accuracy | Test Result Notes | Test Performed By |
| Measurement Type | Meter Program | Meter Read Type |
| Remote Phone Number | Communication Equipment Type | Communication Protocol |
| Data Conversion Arrangements | Data Validation Arrangements | Estimation Instructions |
| Asset Management Plan Details | Calibration Tables (details of any calibration factors programmed into the meter) | Password Details (the read and time set passwords only, separated by a space; the write password is not to be recorded in MSATS) |
| Test and Calibration Program Details | User Access Rights Details (i.e. details of any End User access to the <i>metering installation</i> such as pulse outputs) | |

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

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

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

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

- (j) Where changes to Network Tariff information are required:

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

10.5.5. 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.

10.5.6. 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 10-J.

Table 10-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 |

10.5.7. Objection Rules

The 'Yes' Roles specified in Table 10-K may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 10-J.

Table 10-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 |
| BADDATA | ALL | ALL | - | - | - | - | Yes | Yes | - | - | - | - | - | - | - | - |
| DECLINED | ALL | ALL | - | - | - | - | Yes | - | Yes | - | - | - | - | - | - | - |

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

10.5.8. Change Request Status Notification Rules

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

Table 10-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.

10.6. Change Network Tariff Code

10.6.1. Application [3100 3101]

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

10.6.2. 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.

10.6.3. 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 10.6.4.

10.6.4. 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 | | |
|-----------------|--|--|

10.6.5. 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 10-M.

Table 10-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 |

10.6.6. Objection Rules

Objections are not permitted.

10.6.7. Change Request Status Notification Rules

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

Table 10-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.

11. CREATE AND MAINTAIN DATASTREAM – CHANGE REQUESTS

11.1. Create NMI Datastream

11.1.1. Application [4000 4001]

| 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. |

11.1.2. 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.

11.1.3. Initiating Roles

A Current MDP may initiate a Change Request to create an NMI Datastream in 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 | <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 | | |
|-----------------|--|--|

11.1.5. 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 11-A.

Table 11-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 |

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 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.

11.2. Exchange of Datastream Information

11.2.1. Application [4004 4005]

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

11.2.2. 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.

11.2.3. Initiating Roles

A Current MDP may initiate a Change Request to exchange Datastream records in MSATS in accordance with section 11.2.4.

11.2.4. 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 | | |
|-----------------|--|--|

11.2.5. 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 11-C.

Table 11-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 |

11.2.6. Objection Rules

Objections are not permitted.

11.2.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 11.2.1 are specified in Table 11-D.

Table 11-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.

11.3. Change NMI Datastream

11.3.1. Application [4050 4051]

| 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. |

11.3.2. 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.

11.3.3. Initiating Roles

A Current MDP may initiate a Change Request to change an NMI Datastream in MSATS in accordance with section 11.3.4.

11.3.4. 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 | | |
|-----------------|--|--|

11.3.5. 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 11-E.

Table 11-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 |

11.3.6. Objection Rules

Objections are not permitted.

11.3.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 11.3.1 are specified in Table 11-F.

Table 11-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.

12. MAINTAIN NMI – CHANGE REQUESTS

12.1. Update Next Scheduled Read Date

12.1.1. Application [5070 5071]

| 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. |

12.1.2. 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.

12.1.3. Initiating Roles

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

12.1.4. 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.

12.1.5. 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 12-A.

Table 12-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 |

12.1.6. Objection Rules

Objections are not permitted.

12.1.7. Change Request Status Notification Rules

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

Table 12-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.

12.2. Backdate NMI

12.2.1. Application [5001 5021]

| 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> . |

12.2.2. Conditions Precedent

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

12.2.3. 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 12.2.4 or 12.2.6.

12.2.4. 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 | | |

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

- (c) Provide AEMO with values for the following address fields (as appropriate):

EITHER

| | | |
|---------------------|---------------------|--------------|
| DPID | Flat Number | Flat Type |
| Floor Number | Floor Type | House Number |
| House Number Suffix | Location Descriptor | Lot Number |
| Street Name | Street Suffix | Street Type |

OR

| | | |
|------------------------|------------------------|------------------------|
| Unstructured Address 1 | Unstructured Address 2 | Unstructured Address 3 |
|------------------------|------------------------|------------------------|

The ENM may provide AEMO with the following information:

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

12.2.6. AEMO Requirements

AEMO must, on request from an LNSP, populate a Change Request with the data provided by the LNSP in accordance with section 12.2.4 (CR 5001) or ENM in accordance with section 12.2.5 (CR 5021).

12.2.7. MPB Requirements

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

12.2.8. 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 12-C.

Table 12-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 |

12.2.9. Objection Rules

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

Table 12-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 |
| BADPARTY | ALL | ALL | - | - | - | - | - | - | - | - | - | - | Yes | - | - | - |
| NOTRESP | SMALL | ALL | Yes | - | Yes | - | Yes | - | Yes | - | - | - | Yes | - | - | - |
| | LARGE | | | | | | | | | | | | - | | | |

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 |
| BADPARTY | ALL | ALL | - | - | - | - | - | - | - | - | - | - | Yes | - | - | - |
| NOTRESP | SMALL | ALL | Yes | - | Yes | - | Yes | - | Yes | - | - | - | Yes | - | - | - |
| | LARGE | | | | | | | | | | | | - | | | |
| RETRO | SMALL | NSW VIC SA | Yes | - | Yes | - | - | - | - | - | - | - | - | - | - | - |
| | LARGE | ALL | | | | | | | | | | | | | | |

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

12.2.10. Change Request Status Notification Rules

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

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

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

12.3. Change NMI

12.3.1. Application [5050 5051]

| 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> . |

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 Current LNSP may initiate a Change Request to change a *NMI* record in MSATS in accordance with section 12.3.4.

12.3.4. 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 | | |
|-----------------|--|--|

12.3.5. 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 12-F.

Table 12-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.

12.3.6. Objection Rules

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

Table 12-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.

12.3.7. Change Request Status Notification Rules

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

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

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

12.4. Change NMI – Customer Classification Code

12.4.1. Application [5054 5055]

| 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. |

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 Current FRMP may initiate a Change Request to change a *NMI* record in MSATS in accordance with section 12.4.4.

12.4.4. 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 | | |
|-----------------|--|--|

12.4.5. 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 12-I.

Table 12-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 |

12.4.6. Objection Rules

Objections are not permitted.

12.4.7. Change Request Status Notification Rules

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

Table 12-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.

12.5. Change NMI Embedded Network – Child

12.5.1. Application [5060 5061]

| 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> . |

12.5.2. Conditions Precedent

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

12.5.3. Initiating Roles

A Current ENM may initiate a Change Request to change a *NMI* record in MSATS in accordance with section 12.5.4.

12.5.4. ENM Requirements

The Current 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 | |

The Current ENM may:

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

| | | |
|-------------------------|------------------------|-------------------------|
| TNI Code | DLF Code | NMI Classification Code |
| Jurisdiction Code | NMI Status Code | Parent Name |
| Child Name | Locality | State |
| Postcode | Building Name | DPID |
| Flat Number | Flat Type | Floor Number |
| Floor Type | House Number | House Number Suffix |
| Location Descriptor | Lot Number | Street Name |
| Street Suffix | Street Type | Unstructured Address 1 |
| Unstructured Address 2 | Unstructured Address 3 | Feeder Class |
| Customer Threshold Code | | |

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

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

12.5.5. 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 12-K

Table 12-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 |

12.5.6. Objection Rules

Objections are not permitted.

12.5.7. 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 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.

12.6. Change Parent Name

12.6.1. Application [5080 5081]

| 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. |

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 Current LNSP may initiate a Change Request to change the Parent Name in accordance with section 12.6.4

12.6.4. 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 | <i>NMI</i> and NMI Checksum |
| Its Participant ID | Proposed Change Date | Parent Name |

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

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

12.6.5. 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 12-M.

Table 12-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 |

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-N.

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

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

13. CHANGE ROLE – CHANGE REQUESTS

13.1. Change LNSP

13.1.1. Application [6100 6110]

| 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. |

13.1.2. Conditions Precedent

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

13.1.3. 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 13.1.4.

13.1.4. 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 | | |
|-----------------|--|--|

13.1.5. 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 13-A.

Table 13-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 |

13.1.6. Objection Rules

The 'Yes' Roles specified in Table 13-B may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 13-A.

Table 13-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.

13.1.7. Change Request Status Notification Rules

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

Table 13-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 | - | - | - | - | - | - |

| | | | | | | | | | | | | | | |
|-----------|---|---|---|---|-----|-----|---|-----|---|---|---|---|---|---|
| REQUESTED | - | - | - | - | Yes | Yes | - | Yes | - | - | - | - | - | - |
|-----------|---|---|---|---|-----|-----|---|-----|---|---|---|---|---|---|

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

13.2. Change MDP

13.2.1. Application [6200 6210]

| 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. |

13.2.2. Conditions Precedent

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

13.2.3. Initiating Roles

The Current FRMP or Current MC may initiate a Change Request to change a MDP in MSATS in accordance with section 13.2.4.

13.2.4. 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 | <i>NMI</i> 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 | | |
|-----------------|--|--|

13.2.5. MDP Requirements

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

13.2.6. 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 13-D. Table 13-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 |

13.2.7. Objection Rules

The 'Yes' Roles specified in Table 13-E may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 13-D.

Table 13-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 |
| BADPARTY | LARGE | ALL | - | - | - | - | - | - | - | - | - | - | - | Yes | - | - |
| DATEBAD | ALL | ALL | - | - | - | - | Yes | Yes | - | - | - | - | - | - | - | - |
| DECLINED | ALL | ALL | - | - | - | - | Yes | - | - | - | - | - | - | - | - | - |
| NOTRESP | ALL | ALL | - | - | - | - | - | 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 |
| BADDATA | SMALL | NSW VIC SA | - | - | - | - | Yes | Yes | - | - | - | - | - | - | - | - |
| BADDATA | LARGE | ALL | - | - | - | - | Yes | Yes | - | - | - | - | - | - | - | - |
| BADPARTY | LARGE | ALL | - | - | - | - | - | - | - | - | - | - | - | Yes | - | - |
| DATEBAD | ALL | ALL | - | - | - | - | Yes | Yes | - | - | - | - | - | - | - | - |
| DECLINED | ALL | ALL | - | - | - | - | Yes | - | - | - | - | - | - | - | - | - |
| NOTRESP | ALL | ALL | - | - | - | - | - | Yes | - | - | - | - | - | - | - | - |

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

13.2.8. Change Request Status Notification Rules

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

Table 13-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.

13.3. Change MC

13.3.1. Application [6300 6301]

| 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. |

13.3.2. Conditions Precedent

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

13.3.3. 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 13.3.4.

13.3.4. 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 | | |
|-----------------|--|--|

13.3.5. 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 13-G.

Table 13-G – Timeframe Rules

CR 6300 – Change MC

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

CR 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 |

13.3.6. Objection Rules

The 'Yes' Roles specified in Table 13-H may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 13-G.

Table 13-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 |
| DECLINED | ALL | ALL | - | - | - | - | - | - | - | - | - | - | Yes | - | - | - |
| RETRO | ALL | ALL | - | Yes | - | - | - | - | - | - | - | - | - | Yes | - | - |

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

13.3.7. Change Request Status Notification Rules

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

Table 13-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.

13.4. Change LR

13.4.1. Application [6400 6401]

| 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. |

13.4.2. Conditions Precedent

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

13.4.3. Initiating Roles

A New LR may initiate a Change Request to change an LR in MSATS in accordance with section 13.4.4.

13.4.4. 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 | <i>NMI</i> 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 | | |
|-----------------|--|--|

13.4.5. 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 13-J.

Table 13-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 |

13.4.6. Objection Rules

The 'Yes' Roles specified in Table 13-K may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 13-J.

Table 13-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.

13.4.7. Change Request Status Notification Rules

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

Table 13-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.

13.5. Change LR – Child NMI

13.5.1. Application [6421]

| 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. |

13.5.2. 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.

13.5.3. Initiating Roles

A New LR may initiate a Change Request to change a LR in MSATS in accordance with section 13.5.4.

13.5.4. 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 | | |
|-----------------|--|--|

13.5.5. 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 13-M.

Table 13-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 |

13.5.6. Objection Rules

The 'Yes' Roles specified in Table 13-N may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 13-M.

Table 13-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.

13.5.7. Change Request Status Notification Rules

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

Table 13-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.

13.6. Change ROLR

13.6.1. Application [6500 6501]

| 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. |

13.6.2. Conditions Precedent

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

13.6.3. Initiating Roles

A New RoLR may initiate a Change Request to change a RoLR in accordance with section 13.6.4.

13.6.4. 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 | | |
|-----------------|--|--|

13.6.5. Timeframe Rules

The Timeframe Rules are shown in the Table 13-P.

Table 13-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 |

13.6.6. Objection Rules

Objections are not permitted.

13.6.7. Change Request Status Notification Rules

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

Table 13-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.

13.7. Change MPB or MPC or Both

13.7.1. Application [6700 6701]

| 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. |

13.7.2. Conditions Precedent

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

13.7.3. Initiating Roles

A Current MC may initiate a Change Request to change an MPB or MPC or both in accordance with section 13.7.4.

13.7.4. 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 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 | | |
|-----------------|--|--|

13.7.5. 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.

13.7.6. 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 13-R.

Table 13-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 |

13.7.7. Objection Rules

The 'Yes' Roles specified in Table 13-S may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 13-R.

Table 13-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 |
| DATEBAD | ALL | ALL | - | - | - | - | - | Yes | - | - | - | - | - | - | - | - |
| DECLINED | ALL | ALL | - | - | - | - | - | - | Yes | - | - | - | - | - | - | - |
| NOTAPRD | ALL | ALL | - | - | - | - | - | - | - | - | - | - | - | - | - | Yes |

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

13.7.8. Change Request Status Notification Rules

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

Table 13-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.

13.8. Change Multiple Roles

13.8.1. Application [6800 6801]

| 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. |

13.8.2. Conditions Precedent

- (a) The *NMI* exists in MSATS.
- (b) The NMI Classification Code is SMALL or LARGE.
- (c) The date of the change of MC, MDP, MPB or MPC will be the Actual Change Date.

13.8.3. Initiating Roles

- (a) 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 13.8.4.
- (b) 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 13.8.5.

13.8.4. FRMP Requirements

The FRMP must:

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

The FRMP may:

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

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

13.8.5. MC Requirements

The 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 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 |
|-----|-----|-----|

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

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

13.8.6. 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.

13.8.7. 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 13-U.

Table 13-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 |

13.8.8. Objection Rules

The 'Yes' Roles specified in Table 13-V may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in Table 13-U.

Table 13-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 | - | - | - |
| NOACC | ALL | ALL | - | - | - | - | Yes | Yes | Yes | Yes | Yes | Yes | - | - | - | - |
| NOTAPRD | ALL | ALL | - | - | - | - | - | - | - | - | - | - | - | - | - | Yes |
| NOTRESP | ALL | ALL | - | - | - | - | - | 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 |
| BADDATA | ALL | ALL | - | - | - | - | Yes | Yes | - | - | - | - | - | - | - | - |
| 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 | - | - |

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

13.8.9. Change Request Status Notification Rules

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

Table 13-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.

14. AUTO CHANGE ROLE – CHANGE REQUESTS

14.1. Change Local Retailer Embedded Network Child

14.1.1. Application [ECLR]

| 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> |

14.1.2. 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*.

14.1.3. Timeframe Rules

The Proposed Change Date must be within the Retrospective Period specified in Table 14-A.

Table 14-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 |

14.1.4. Objection Rules

Objections are not permitted.

14.1.5. 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 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.

14.2. Change Secondary FRMP Parent

14.2.1. Application [EPFR]

| 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> |

14.2.2. 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.

14.2.3. Timeframe Rules

The Proposed Change Date must be within the Retrospective Period specified in Table 14-C.

Table 14-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 |

14.2.4. Objection Rules

Objections are not permitted.

14.2.5. Change Request Status Notification Rules

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

Table 14-D – Change Request Status Notification Rules**

CR EPFR – Change of FRMP – Parent (Auto)

PARTICIPANT ROLE – Receives Notification of Change

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

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

15. AEMO ONLY – CHANGE REQUESTS

15.1. AEMO-Initiated Standing Data Updates

15.1.1. Application [5100 5101]

| 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. |

15.1.2. Conditions Precedent

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

15.1.3. Initiating Roles

AEMO may initiate a Change Request to create a *NMI* record in accordance with section 15.1.4.

15.1.4. 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 | | |
|-----------------|--|--|

15.1.5. 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 15-A.

Table 15-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 |

15.1.6. Objection Rules

Objections are not permitted.

15.1.7. Change Request Status Notification Rules

The Change Request Status Notification Rules are specified in Table 15-B.

Table 15-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.

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

15.2.1. 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 15.2 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 15-C.

Table 15-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 |

15.2.2. 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.

15.2.3. 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.

15.2.4. 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.

15.2.5. MDP Requirements

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

15.2.6. 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.

15.2.7. Objection Rules

Objections are not permitted.

15.2.8. 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.

16. ACCESS TO CATS STANDING DATA

16.1. Introduction

- (a) This section provides the obligations and data available for access to CATS Standing Data through MSATS.
- (b) There are two different methods of accessing CATS Standing Data:
 - (i) CATS Standing Data that is available for NMI Discovery Search; and
 - (ii) CATS Standing Data that can be accessed by Participants with a relationship to a *NMI*.
- (c) The entire set of CATS Standing Data and *NMI Standing Data* for NMI Discovery Search is the specified sub-set of CATS Standing Data identified in Table 16-C.

16.2. Participant

- (a) In accordance with Jurisdictional requirements, a Participant may seek access to *NMI Standing Data* from MSATS as set out in section 16.3.1 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 16.3.2 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 16.3.4 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 16-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) A *retailer* must only perform NMI Discovery Search 3 on any *NMIs* where the retailer is:
 - (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.

- (g) When initiating NMI Discovery Search 3, a *retailer* must ensure:
 - (i) When using the reason code 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 code of NNS (New NMI Setup Error – see Table 16-B), the *NMI* was created in the past 130 *business days* from the NMI Discovery Search 3 date.
- (h) An MC may seek access to *NMI Standing Data* from MSATS in accordance with section 16.3.5 only for the purpose of identifying the NMI Classification of 'LARGE' in order to arrange a change of MC.
- (i) 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.
- (j) 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.
 - (iii) Only carry out a NMI Discovery Search 2 on any *NMIs* where they are the Current LNSP.
 - (iv) 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.
- (k) The ENM must only carry out a:
 - (i) NMI Discovery Search 1 on any *NMIs* where they are the Current ENM.
 - (ii) NMI Discovery Search 2 on any *NMIs* where they are the Current ENM.

16.3. 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
Identifies the *NMI* characters that have been assigned to an End User's *connection point*, as described in section 16.3.1.
 - (ii) NMI Discovery Search 2 – *NMI Standing Data*
Identifies 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 16.3.2.
 - (iii) CATS Standing Data

CATS Standing Data Access Rules are contained in section 16.3.3.

(iv) NMI Discovery Search 3 – *NMI Standing Data*.

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.

(v) MC Standing Data Search.

Identifies 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 16.3.5

16.3.1. NMI Discovery Search 1 – NMI Search Rules

- (b) The available *NMI* search options are:
 - (i) DPID;
 - (ii) Meter Serial ID; and
 - (iii) Address (without DPID).
- (c) If a match occurs, MSATS will return to the Participant the data contained in Table 16-C. No other information will be provided.
- (d) The NMI Search Rules are shown in Table 16-A.

Table 16-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 |

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

- (a) This section 16.3.2 specifies the *NMI Standing Data* that is available to *retailers* and NSPs which do not have the consent of an End User.
- (b) 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 16-C. Further details of each data item can be found in the MSATS standing data tables from the “Standing Data for MSATS” document.

16.3.3. 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 Access Rules are shown in Table 16-C.

16.3.4. NMI Discovery Search 3 – NMI 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 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 16-B.

Table 16-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. |
| 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. |

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

- (c) This section 16.3.5 specifies the NMI Standing Data that is available to MCs which do not have the consent of an End User.
- (d) The NMI Standing Data items returned to an MC in all Jurisdictions on a successful data access request are specified in Table 16-C.

Table 16-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 | NEMM | 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 | - | - | See Table 16-B for configurable items returned | - | |
| 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 | |
| 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 | - | | |

MSATS PROCEDURES

| | | | | | | | | | | | | | | | | | |
|----------------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 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 | 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 | 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 | Yes | Yes |
| 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 | 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 | 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 | 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 | 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 | Yes | Yes |
| Jurisdiction Code | Jurisdiction Code to which the NMI belongs. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | Yes | Yes | Yes | Yes |
| 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 | 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 | 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 | 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 | Yes |
| NMI Checksum | A single digit number used to validate the NMI supplied to MSATS | All | - | - | - | - | - | - | - | - | - | - | - | Yes | Yes | Yes | Yes |

MSATS PROCEDURES

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|---------------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|-----|-----|-------|-----|-----|
| 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 | Yes |
| 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 | 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 | 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 | Yes |
| StreetName | Records the thoroughfare name. | ALL | Yes | 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 | 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 | Yes |
| TNI Code (TNI Code) | Transmission Node Identifier. Identifies a <i>transmission network connection point</i> . | ALL | Yes | 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 | 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 | 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 | Yes |

| Data Item | Description | Jurisdiction | Standing Data Access Rights | | | | | | | | | | NMI Discovery / NMI Search | | | |
|---|--|--------------|-----------------------------|-----|------|-----|-----|-----|-----|------|------|------|----------------------------|--------|--------|-----|
| | | | FRMP | LR | LNSP | MDP | MPB | MPC | RP | RoLR | NEMM | NSP2 | Type 1 | Type 2 | Type 3 | MC |
| 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 <i>Local 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 |
| 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 |
| 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 | - | - | | - |

| Data Item | Description | Jurisdiction | Standing Data Access Rights | | | | | | | | | | NMI Discovery / NMI Search | | | | |
|---|--|--------------|-----------------------------|-----|------|-----|-----|-----|-----|------|------|------|----------------------------|--------|--------|----|---|
| | | | FRMP | LR | LNSP | MDP | MPB | MPC | RP | RoLR | NEMM | NSP2 | Type 1 | Type 2 | Type 3 | MC | |
| 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 | 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 | - | Yes | - | - | - | | - |
| Calibration Tables | Details of any calibration factors programmed into the meter. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | Yes | - | Yes | - | - | - | | - |
| CommEquip Type | Indicates modem or other communication device types. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | - | | - |
| CommProtocol | Textual description of details needed to communicate to communication devices. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | - | | - |
| DataConv | Textual description of details needed to translate data received from a communication device. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | Yes | - | Yes | - | - | - | | - |
| DataValidations | Textual description of details needed to validate data received from a communication device. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | Yes | - | Yes | - | - | - | | - |
| EstlInstruct | Textual instructions on how to estimate the Meter Reading if an Estimated Reading is required. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | Yes | - | Yes | - | - | - | | - |
| LastTestDate | Last date on which the <i>meter</i> was tested. | ALL | Yes | - | - | 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 | Yes | - | - | - | |
| MeterConstant | Multiplier applied to the <i>meter</i> to arrive at the consumption. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | - | - | |
| MeterHazard | Code or text indicating any dangerous conditions that may have been identified at the Site. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | - | - | |

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|---|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|-----|-----|---|-----|-----|
| 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 affects the transfer transaction process.(see section 4.12) | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | Yes | Yes |
| MeterLocation | Code or text indicating where the meter is physically located at the premises. | ALL | Yes | - | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | - | - |
| Meter Manufacturer | The manufacturer code for the <i>meter</i> . | ALL | Yes | - | - | Yes | Yes | Yes | Yes | Yes | - | Yes | - | - | - | - |
| MeterModel | The manufacturer's model number for the meter. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | Yes | - | Yes | - | - | - | - |
| MeterPoint | An additional metering identifier field. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | - | - |
| MeterProgram | For programmable <i>meters</i> , an identifier of the program run at the <i>meter</i> . | ALL | Yes | - | - | Yes | Yes | Yes | Yes | Yes | - | Yes | - | - | - | - |
| Meter Read Type (ReadTypeCode) | Code indicating how the <i>meter</i> is read Refer to "Standing data for MSATS - ReadTypeCode" document for further details. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | - | - | Yes | - |
| MeterRoute | The route identifier the meter is currently being read in. | ALL | Yes | - | - | Yes | Yes | Yes | Yes | Yes | - | Yes | - | - | - | - |
| 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 | 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 | - | Yes | - |
| 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 | 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 | Yes |
| NextTestDate | Next date on which the <i>meter</i> should be tested. | ALL | Yes | - | - | 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 | - | Yes | - | - | - | - |
| | | | | | | | | | | | | | | | | |

MSATS PROCEDURES

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|----------------------|--|--------------------|-----|---|-----|-----|-----|-----|-----|---|-----|-----|---|---|---|---|
| RemotePhone Number | The phone number for remote access. | VIC, NSW, ACT, QLD | - | - | - | Yes | Yes | - | Yes | - | Yes | - | - | - | - | - |
| | | 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 | - | - | - | - |
| 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 | - | - | - | - |

| Data Item | Description | Jurisdiction | Standing Data Access Rights | | | | | | | | | | NMI Discovery / NMI Search | | | | |
|---|--|--------------|-----------------------------|-----|------|-----|-----|-----|-----|------|------|------|----------------------------|--------|--------|-----|-----|
| | | | FRMP | LR | LNSP | MDP | MPB | MPC | RP | RoLR | NEMM | NSP2 | Type 1 | Type 2 | Type 3 | MC | |
| 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 | - | 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 | | Yes |
| 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 | 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 | 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 | - | 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 | | 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 | | 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 | - | Yes | - | |
| RegisterId | The identifier which uniquely identifies this register. | ALL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | - | Yes | Yes | - | Yes | Yes | |

MSATS PROCEDURES

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

| Data Item | Description | Jurisdiction | Standing Data Access Rights | | | | | | | | | | | NMI Discovery / NMI Search | | | |
|--|--|--------------|-----------------------------|-----|------|-----|-----|-----|-----|------|------|------|--------|----------------------------|--------|-----|--|
| | | | FRMP | LR | LNSP | MDP | MPB | MPC | RP | RoLR | NEMM | NSP2 | Type 1 | Type 2 | Type 3 | MC | |
| 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 | |
| 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 | 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 | - | - | | - | |

| Data Item | Description | Jurisdiction | Standing Data Access Rights | | | | | | | | | | NMI Discovery / NMI Search | | | |
|----------------------------|---|--------------|-----------------------------|----|------|-----|-----|-----|-----|------|------|------|----------------------------|--------|--------|----|
| | | | FRMP | LR | LNSP | MDP | MPB | MPC | RP | RoLR | NEMM | NSP2 | Type 1 | Type 2 | Type 3 | MC |
| 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 | - | - |
| 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