MSATS PROCEDURES

CATS PROCEDURE PRINCIPLES AND OBLIGATIONS

PREPARED BY: AEMO MARKETS

VERSION: 4.93~~Customer Switching~~

EFFECTIVE DATE: 14 MARCH 2022

STATUS: FINAL

~~This version of the MSATS Procedures is not yet effective. AEMO will provide participants with at least 8 months' notice prior to the effective date.~~

Approved for distribution and use by:

APPROVED BY: PETER GEERS

TITLE: Chief Strategy and Markets Officer

DATE: ~~31 March 2020~~27 August 2020

VERSION RELEASE HISTORY

Version	Effective Date	Summary of Changes
3.4a	15th July 2011	Updated to facilitate further extension of contestability to small business customers in Tasmania.
3.5	25th August 2011	Updated to include a new objection for the CR1010 & CR1081 and manifest changes.
3.6	13th 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	15th 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 *retailer* as the FRMP based on instruction from that *retailer*; changes as a result of introduction of Market Small Generation Aggregator (MSGA).
3.8	13th 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	1st January 2014	No version 3.9 was released. The Tasmanian Government withdrew its request for the change to the CATS Procedures.
4.0	15th 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 *NMI Standing Data*.
4.2	1 December 2017	Updated to incorporate: • 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 TNI2 Code for the National Electricity Amendment (Global settlement and market reconciliation) Rule 2018 No. 14.
4.92	24 October 2021	Version placeholder for Wholesale Demand Response
4.93	14 March 2022	MSATS Standing Data Review Phase 1 – New and amended fields

CONTENTS

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

Title	Location
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.

(r) Notify the LNSP of any *connection point* that has a Shared Fuse Arrangement as soon as practicable but no more than 5 business days of becoming aware of the Shared Fuse Arrangements.

~~(r)~~(s) Notify the LNSP of changes or updates to the Shared Fuse Arrangement for any *connection point* that has Shared Fuse Arrangement as soon as practicable but no more than 5 business days of becoming aware of those changes.

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.

(r) Record all *connection points* with Shared Fuse Arrangement as soon as practicable but no more than 5 business days of becoming aware of the Shared Fuse Arrangements, by setting the value of the Shared Isolation Point Flag to 'Y' for all NMIs associated with the shared fuse.

(s) Update the NMI Shared Isolation Point Flag to 'I' as soon as practicable but no more than 5 business days of becoming aware that the *connection point* associated with the NMI has been isolated independently but is still part of a shared fuse.

~~(q)~~(t) Clear the NMI Shared Isolation Point Flag by setting it to 'N' as soon as practicable but no more than 5 business days of becoming aware that Shared Fuse Arrangements no longer exists for the *connection point* associated with that NMI.

The Current LNSP may:

~~(r)~~(u) 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.

(k) Notify the MC or the FRMP of any *connection point* that has a Shared Fuse Arrangement as soon as practicable but no more than 5 business days of becoming aware of the Shared Fuse Arrangements.

~~(j)~~(l) Notify the MC or the FRMP of changes or updates to the Shared Fuse Arrangement for any *connection point* that has Shared Fuse Arrangement as soon as practicable but no more than 5 business days of becoming aware of those changes.

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.

(k) Notify the LNSP of any *connection point* that has a Shared Fuse Arrangement as soon as practicable but no more than 5 business days of becoming aware of the Shared Fuse Arrangements.

(l) Notify the LNSP of changes or updates to the Shared Fuse Arrangement for any connection point that has Shared Fuse Arrangements as soon as practicable but no more than 5 business days of becoming aware of those changes.

~~(j) Notify the LNSP of changes or updates to the Shared Fuse Arrangement for any connection point that has Shared Fuse Arrangements as soon as practicable but no more than 5 business days of becoming aware of those changes.~~

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 Code and TNI Code 2) 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.

~~(j)~~(k) Populate and maintain the Delivery Point Identifier (DPID) and the Geocoded National Address File Point Identifier (GNAF PID) records in MSATS where applicable.

AEMO may:

~~(k)~~(l) 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

Event	CR	Description	Initiating Participant
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 *NMI* Details	New LNSP
	2020, 2021	Create *NMI* Details – Child	New ENM
	2500, 2501	Create *NMI*, NMI Datastream & *metering installation* details	New LNSP
	2520, 2521	Create NMI, MDM Datastream & Metering Installation Details – Child NMI	New ENM
Create and Maintain Metering	3000, 3001[(2)]	Create *metering installation* details	Current MPB
	3004, 3005[(2)]	Exchange of Metering Information	Current MPB
	3050, 3051[(2)]	Change *metering installation* details	Current MPB
	3080, 3081	Advanced change *metering installation* details	Current MC
	3090, 3091[(2)]	Advanced Meter Exchange	Current MC
	3100, 3101	Change Network Tariff Code	Current LNSP or Current ENM
Create and Maintain Datastream	4000, 4001[(3)]	Create NMI Datastream Details	Current MDP
	4004, 4005[(3)]	Exchange of Datastream Information	Current MDP
	4050, 4051[(3)]	Change NMI Datastream Details	Current MDP
Maintain NMI	5050, 5051	Change *NMI* Details	Current LNSP
	5001	Backdate *NMI* Start Date	AEMO or LNSP
	5021	Backdate *NMI* Start Date – Child	AEMO or ENM
	5054, 5055	Change *NMI* Details – Customer Classification Code	Current FRMP
	5060, 5061	Change *NMI* Details – Child	Current ENM
	5070, 5071	Update Next Scheduled Read Date	Current MDP
	5080, 5081	Change Parent Name	Current LNSP
	5100, 5101	Change *NMI* 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 NMI	New LR
	6500, 6501	Change RoLR	New RoLR
	6700, 6701	Change MP	Current MC
	6800, 6801	Change Multiple Roles	Current FRMP or Current MC
Auto Change Role – System	ECLR	Change of Local Retailer – Child	AEMO/MSATS
	EPFR	Change of Secondary FRMP – Parent	AEMO/MSATS

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-Bidentifies 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 *metering data* at the *metering installation*.
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.

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

(a) The NMI Status Codes are used to determine if a *NMI* can be used for a retail transfer.

(b) The NMI Status Code 'X' is the only status that does not allow *NMI* transfers between *retailers*.

Table 4-G – NMI Status Codes

Code	Name of code	Description of code
A	Active NMI	Applies when a *NMI* is energised.
D	Not energised NMI	Applies when the *NMI* exists in MSATS and the *connection point* is de-energised.
X	Extinct NMI	Applies when: • the *network connection* has been permanently removed from the *connection point,* or; • the *embedded network connection* has been permanently removed from the *child connection point*; , or • the *connection point* has been moved from an LNSP's *network* to an *embedded network* or vice versa. Under this condition the existing *NMI* will not be reallocated to any other *connection point* in the future. A *NMI* with this status can never be transferred.
G	Greenfield Site NMI	Applies to a Site that has never been energised. The *connection point* may require further Site works to be undertaken and will also require energisation. Once the NMI Status Code is changed from 'G', it cannot revert to 'G'.
N	Off Market Child NMI	Applies when a *child connection point* is no longer settled in the *NEM.*

4.6.2. Datastream Status Codes

(a) In the MDM process, the Datastream Status Code is used to determine whether a Datastream is to be used in the *settlements* process, either because the *NMI* is Tier 2 or because *metering data* is required from this *NMI* as part of the process of creating a Load Profile.

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

Code	Name of code	Description of code
I	Inactive NMI Datastream	Applies when the NMI Datastream is not to be used in *settlements*.

(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~~.

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 *disconnected*.
R	Removed	Applies when the Meter Register associated with the *NMI* is removed.
D	Remotely *disconnected*	Applies when the Meter Register is *disconnected*

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~~.

Table 4-J – Register Identifier Status Codes

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

4.7. Metering Installation Type Codes

(a) The Metering Installation Type Codes defined in Table 4-Kidentifies 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 *large customer* with type 4 *metering installations* and for *small customer* type 4 *metering installation* installed before 1 December 2017)
COMMS4C	CT connected *metering installation* that meets the *minimum services specifications*
COMMS4D	Whole current *metering installation* that meets the *minimum services specifications*
MRAM	*small customer metering installation* – Type 4A
MRIM	Manually Read Interval Meter – Type 5
PROF	For Profile Setup

Code	Description
SAMPLE	Sample Meter
UMCP	Unmetered Supply – Type 7
VICAMI	Aa relevant *metering installation* 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) iIn Victoria, Tasmania and ACT, ProfileName must be NSLP;

(iii) iIn 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~~.

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 *connection point*.
GR	Greenfield NMI	Used when the *NMI* being transferred is a greenfield *connection point* and has never had a *metering installation* physically installed at the *connection point* and the NMI Status is 'G'.
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'. *Excludes CR1040*
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.

Code	Name of code	Description of code
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 *NMI* being transferred is an unmetered *connection point*.

(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~~.

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:

(i) aggregation in the *settlements* process; or

(ii) 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:

(i) the first character of the Embedded Network Code is to be the first character of the Jurisdiction in which the *embedded network* is located.

(ii) the second character of the Embedded Network Code is to be a character chosen to represent the LNSP in whose *distribution network* the *embedded network* is *connected*.

(iii) the LNSP must liaise with the owner of the *embedded network* to determine the other characters of the Embedded Network Code as per the Embedded Network Code structure specified by AEMO[2]; 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 NMI[3]; 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: - 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

(a) The *NMI* already exists in MSATS[6].

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

(c) A change of retailer role can only be initiated by a New FRMP.

(d) 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:

(a) Must confirm that the *NMI* is valid for the *connection point*;

(b) 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

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

(d) 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;

(e) May withdraw a change of retailer transaction request at any time prior to the transfer being Completed; and

(f) 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-Bmay 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 6.1.1are specified in Table 6-C~~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	-	-	-	-	-	-

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	*NMI* 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 13for 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~~ .

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~~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-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~~.

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	

(c) 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~~.

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~~Table 7-B~~and Table 7-C~~Table 7-C~~.

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

CR 1060 – Reverse Retailer – Cooling Off

PARTICIPANT ROLE – Receives Notification of Change

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

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

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

CR1061 – Reverse Retailer – Debt Objection

PARTICIPANT ROLE – Receives Notification of Change

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

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

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	*NMI* 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~~.

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~~.

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 *connection point* 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 *connection point* 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	*NMI* and NMI Checksum
Its Participant ID	Proposed Change Date	TNI Code
DLF Code	NMI Classification Code	Jurisdiction Code
FRMP (as nominated)	LR	RoLR
RP	MDP	MPB
MPC	NMI Status Code	Locality
State	Postcode	Connection Configuration
Shared Isolation Point Flag		

(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
GNAF PID	Section Number	DP Number

House Number To		

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~~.

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-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	-	-	-

Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		RoLR		RP		LNSP	
			N	C	N	C	N	C	N	C	N	C	N	C	N	C
NOTRESP	SMALL	ALL	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes	-	-	-
	LARGE												-			
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 *connection point* that is, or will be, connected to an *embedded network* 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 *connection point* that is, or will be, connected to an *embedded network* 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	*NMI* 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	Connection Configuration	Shared Isolation Point Flag

(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

GNAF PID	Section Number	DP Number
House Number To		

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	-	-	-

Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		RoLR		RP		LNSP	
			N	C	N	C	N	C	N	C	N	C	N	C	N	C
	LARGE	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 *metering installation* details at the same time it establishes the initial set of information in MSATS for a *connection point* 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 *metering installation* details at the same time it establishes the initial set of information in MSATS for a *connection point* 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	*NMI* and NMI Checksum
Its Participant ID	Proposed Change Date	TNI Code
DLF Code	NMI Classification Code	Jurisdiction Code
FRMP (as nominated)	LR	RoLR
RP	MDP	MPB
MPC	NMI Status Code	Locality
State	Postcode	Connection Configuration~~Meter Serial ID (at least one)~~
Shared Isolation Point Flag	Meter Serial ID (at least one)	
Metering Installation Type Code (for each *meter*)	Meter Register Status Code (for each *meter*)	Register ID (at least one for each *meter*)
Register Identifier Status Code (for each register)	Network Tariff Code	Actual/Cumulative Indicator (for each register)
Controlled Load Indicator (for each register)	Dial Format (for each register)	Multiplier Value (for each register)
Time of Day Code (for each register)	Unit of Measure Code (for each register)	NMI Suffix (at least one)

Datastream Type (for each suffix)	Profile Name (for each suffix)	ADL (for each suffix)
Datastream Status Code (for each suffix)	MDM Contributory Suffix (for each register)	Meter Manufacturer
Meter Model	GPS Coordinates - Latitude	GPS Coordinates – Longitude
Meter Use		

(d) Nominate i-tself 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
GNAF PID	Section Number	DP Number
House Number To		

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	Current Transformer Location

	the *metering installation* such as pulse outputs)	
Current Transformer Type	Current Transformer Ratio (Available)	Current Transformer Accuracy Class
Current Transformer Test	Current Transformer Ratio (Connected)	Current Transformer Test Date
Voltage Transformer Location	Voltage Transformer Type	Voltage Transformer Ratio (Available and Connected)
Voltage Transformer Accuracy Class	Voltage Transformer Test	Voltage Transformer Test Date

(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-I – 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 *metering installation* details at the same time it establishes the initial set of information in MSATS about a *connection point* that is connected to an *embedded network*.
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 *connection point* that is connected to an *embedded network*.

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	Connection Configuration~~Meter Serial ID (at least one)~~	Shared Isolation Point Flag~~Metering Installation Type Code (for each *meter*)~~
Meter Serial ID (at least one)	Metering Installation Type Code (for each *meter*)	

Meter Register Status Code (for each *meter*)	Register ID (at least one for each meter)	Register Identifier Status Code (for each register)
Network Tariff Code	Actual/Cumulative Indicator (for each register)	Controlled Load Indicator (for each register)
Dial Format (for each register)	Multiplier Value (for each register)	Time of Day Code (for each register)
Unit of Measure Code (for each register)	NMI Suffix (at least one)	Datastream Type (for each suffix)
Profile Name (for each suffix)	ADL (for each suffix)	Datastream Status Code (for each suffix)
MDM Contributory Suffix (for each register)	Meter Manufacturer	Meter Model
GPS Coordinates - Latitude	GPS Coordinates - Longitude	Meter Use

(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
GNAF PID	Section Number	DP Number
House Number To		

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 *metering installation* such as pulse outputs)	Current Transformer Location
Current Transformer Type	Current Transformer Ratio (Available)	Current Transformer Accuracy Class
Current Transformer Test	Current Transformer Ratio (Connected)	Current Transformer Test Date
Voltage Transformer Location	Voltage Transformer Type	Voltage Transformer Ratio (Available and Connected)
Voltage Transformer Accuracy Class	Voltage Transformer Test	Voltage Transformer Test Date

(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~~.

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~~.

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	-	-	-

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	-	-	-	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-LTable 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 *metering installation* details, and there is no associated *meter* removal for the *NMI* 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 *metering installation* details, and there is no associated meter removal for the *NMI* 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	*NMI* and NMI Checksum
Its Participant ID	Proposed Change Date	Meter Serial ID (at least one)
Metering Installation Type Code (for each *meter*)	Meter Register Status Code (for each *meter*)	Register ID (at least one for each *meter*)
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)
GPS Coordinates - Latitude	GPS Coordinates - Longitude	Meter Manufacturer
Meter Model	Meter Use	

(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 *metering installation* such as pulse outputs)	Current Transformer Location
Current Transformer Type	Current Transformer Ratio (Available)	Current Transformer Accuracy Class
Current Transformer Test	Current Transformer Ratio (Connected)	Current Transformer Test Date
Voltage Transformer Location	Voltage Transformer Type	Voltage Transformer Ratio (Available and Connected)
Voltage Transformer Accuracy Class	Voltage Transformer Test	Voltage Transformer Test Date

(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 *metering installation* details. The change will include the removal of at least one existing meter and the installation of at least one new meter. A minimum set of *metering installation* details for the *NMI* shall exist upon completion of the Change Request.
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 *metering installation* details. The change will include the removal of at least one existing meter and the installation of at least one new meter. A minimum set of *metering installation* details for the *NMI* shall exist upon completion of the Change Request.

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	*NMI* and NMI Checksum	NMI Checksum
Meter Serial ID (for each *meter*)		

(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	Meter Manufacturer
Meter Model	Meter Use	

(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 *metering installation* 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	Current Transformer Location
Current Transformer Type	Current Transformer Ratio (Available)	Current Transformer Accuracy Class
Current Transformer Test	Current Transformer Ratio (Connected)	Current Transformer Test Date
Voltage Transformer Location	Voltage Transformer Type	Voltage Transformer Ratio (Available and Connected)
Voltage Transformer Accuracy Class	Voltage Transformer Test	Voltage Transformer Test Date
GPS Coordinates - Latitude	GPS Coordinates – Longitude	

(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~~.

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~~.

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 *metering installation* details in MSATS. Each Meter Serial ID must exist in MSATS and a minimum set of *metering installation* details for the *NMI* 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 *metering installation* details in MSATS. Each Meter Serial ID must exist in MSATS and a minimum set of *metering installation* details for the *NMI* 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	*NMI* and NMI Checksum
Its Participant ID	Proposed Change Date	Meter Serial ID (at least one)

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

Meter Register Status Code	Metering Installation Type Code	Meter Manufacturer
Meter Model	Meter Use	

(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 *metering installation* such as pulse outputs)
Network Tariff Code Additional Information	Demand Value 2, if the Network Tariff includes a second demand component	Current Transformer Location
Current Transformer Type	Current Transformer Ratio (Available)	Current Transformer Accuracy Class
Current Transformer Test	Current Transformer Ratio (Connected)	Current Transformer Test Date
Voltage Transformer Location	Voltage Transformer Type	Voltage Transformer Ratio (Available and Connected)
Voltage Transformer Accuracy Class	Voltage Transformer Test	Voltage Transformer Test Date
GPS Coordinates - Latitude	GPS Coordinates – Longitude	

(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 *metering installation* 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 *metering installation* details for a Meter Serial ID and each Meter Serial ID must exist in MSATS. A minimum set of *metering installation* 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 *metering installation* 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 *metering installation* details for a Meter Serial ID and each Meter Serial ID must exist in MSATS. A minimum set of *metering installation* 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	*NMI*	NMI Checksum
The Meter Serial ID (for each *meter*)		

(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	Meter Manufacturer
Meter Model	Meter Use	

(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):

NMI 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 *metering installation* such as pulse outputs)	Current Transformer Location
Current Transformer Type	Current Transformer Ratio (Available)	Current Transformer Accuracy Class

Current Transformer Test	Current Transformer Ratio (Connected)	Current Transformer Test Date
Voltage Transformer Location	Voltage Transformer Type	Voltage Transformer Ratio (Available and Connected)
Voltage Transformer Accuracy Class	Voltage Transformer Test	Voltage Transformer Test Date
Current Transformer Ratio (Connected)	GPS Coordinates - Latitude	GPS Coordinates – Longitude

(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 *metering installation* details, including potential changes to Datastream information, Network Tariff Code and to the Roles of MDP, MPB and MPC. The change shall include the removal of at least one existing meter and the installation of at least one new meter. A minimum set of *metering installation* details for the NMI shall exist upon Completion.
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 *metering installation* details, including potential changes to Datastream information, Network Tariff Code and to the Roles of MDP, MPB and MPC. The change shall include the removal of at least one existing meter and the installation of at least one new meter. A minimum set of *metering installation* details for the NMI shall exist upon Completion.

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	*NMI*	NMI Checksum
Meter Serial ID (for each *meter*)		

(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	Meter Manufacturer
Meter Model	Meter Use	

(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):

NMI 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 *metering installation* such as pulse outputs)	Current Transformer Location
Current Transformer Type	Current Transformer Ratio (Available)	Current Transformer Accuracy Class
Current Transformer Test	Current Transformer Ratio (Connected)	Current Transformer Test Date

Voltage Transformer Location	Voltage Transformer Type	Voltage Transformer Ratio (Available and Connected)
Voltage Transformer Accuracy Class	Voltage Transformer Test	Voltage Transformer Test Date
GPS Coordinates - Latitude	GPS Coordinates – Longitude	

(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~~.

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~~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-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~~.

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	*NMI* 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 *NMI* 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 *NMI* 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	*NMI* and NMI Checksum
Its Participant ID	Proposed Change Date	*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)		

(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 *NMI* 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 *NMI* 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	*NMI*	NMI Checksum

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

NMI Suffix (at least one)	Datastream Type (for each suffix)	Profile Name (for each suffix)
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 *meter*)	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~~.

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~~.

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	*NMI* and NMI Checksum
Its Participant ID	Proposed Change Date	*NMI* 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~~.

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	*NMI* 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 *connection point* 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 *child connection point*.

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	*NMI* 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
Shared Isolation Point Flag	Connection Configuration	

(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

GNAF PID	Section Number	DP Number
House Number To		

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	*NMI* and NMI Checksum
Participant ID	Proposed Change Date	Actual End Date (which should be the day prior to the day that the NMI Master Record starts on)
TNI Code	DLF Code	NMI Classification Code
Jurisdiction Code	Child Name	FRMP
LR	RoLR	RP
MDP	MPB	MPC
LNSP, as the ENM	NMI Status Code	Locality
State	Postcode	Shared Isolation Point Flag
Connection Configuration		

(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
House Number To	GNAF PID	Section Number
DP Number		

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												-			

Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		RoLR		RP		LNSP	
			N	C	N	C	N	C	N	C	N	C	N	C	N	C
RETRO	SMALL	NSW VIC SA	Yes	-	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 *connection point*.
5051 – Change NMI Details – Retrospective	Used where the Current LNSP is required to make a Retrospective Change to the information in MSATS about a *connection point*.

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	*NMI* 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
GNAF PID	Section Number	DP Number
House Number To	Connection Configuration	Shared Isolation Point Flag

(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	*NMI* 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~~.

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~~.

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 *connection point* that is connected to an *embedded network*.
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 *connection point* that is connected to an *embedded network*.

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	*NMI* 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	GNAF PID	Section Number
DP Number	House Number To	Connection Configuration
Shared Isolation Point Flag		

(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 12.6.411.12.6.412.6.46.4.

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	*NMI* and NMI Checksum
Its Participant ID	Proposed Change Date	Parent Name

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

Actual End Date		

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 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	*NMI* 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	-	-	-	-	-	-

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

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

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	*NMI* and NMI Checksum
Participant ID	Proposed Change Date	MDP

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

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

Actual End Date		

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-Emay 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	*NMI* 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 (*business days*)	Objection Clearing Period (*business days*)	Retrospective Period (*business days*)	Prospective Period (*business days*)
1	20	0	65

CR 6301 – Change MC – Retrospective

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

13.3.6. Objection Rules

The 'Yes' Roles specified in Table 13-Hmay 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	*NMI* and NMI Checksum
Its Participant ID	Proposed Change Date	

(d) Nominate itself as the New LR.

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

Actual End Date		

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	*NMI* 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	*NMI* 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	*NMI* and NMI Checksum
Participant ID	Proposed Change Date	

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

MDP	MPB	MPC
RP		

The FRMP may:

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

Actual End Date		

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:

(a) On receipt of a Data Request for Change Reason Code 6800 initiate a Change Request to provide the Actual Change Date.

(b) For Prospective Changes that do not require a Meter Reading, provide the Actual Change Date within 2 *days* of the Proposed Change Date being reached.

(c) For changes that require a Meter Reading, provide the Actual Change Date within 2 *days* of the Meter Reading.

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~~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)	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 *embedded network*. All Participants will be notified by MSATS of this event in accordance with the notifications listed below.

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)	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 *embedded networks* have multiple Parent NMIs. All Participants will be notified of this in accordance with the Change Request Status Notification Rules

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		LNSP		MDP		MPB		RoLR		RP	
	N	C	N	C	N	C	N	C	N	C	N	C	N	C
CANCELLED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPLETED	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	Yes
OBJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENDING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REQUESTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

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 *connection point* 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	*NMI* 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	Connection Configuration
Shared Isolation Point Flag	TNI Code 2	GNAF PID
House Number To	Section Number	DP Number
Meter Malfunction Exemption Number	Meter Malfunction Exemption Expiry Date	

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

NMI suffix (at least one)	Datastream Type (for each suffix)	ADL (for each suffix)
Datastream Status Code (for each suffix)	Profile Name (for each suffix)	

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

Meter Serial ID (at least one)	Metering Installation Type Code	Meter Register Status Code
Additional Site Information	NSRD	Meter Location
Meter Constant	Meter Hazard	Meter Point
Meter Route	Meter Use	Meter Manufacturer
Meter Model	Meter Program	Meter Read Type
Transformer Location	Transformer Type	Transformer Ratio
Measurement Type	Last Test Date	Next Test Date
Test Result ~~Accuracy~~	Test Result Notes	Test Performed By
Remote Phone Number	Communication Equipment Type	Communication Protocol
Data Conversion Arrangements	Data Validation Arrangements	Estimation Instructions
Asset Management Plan Details	Calibration Tables (details of any calibration factors programmed into the meter)	Password Details (the read and time set passwords only, separated by a space; the write password is not to be recorded in MSATS)
Test and Calibration Program Details	User Access Rights Details (i.e. details of any End User access to the *metering installation* such as pulse outputs)	Current Transformer Location
Current Transformer Type	Current Transformer Ratio (Available)	Current Transformer Accuracy Class
Current Transformer Test	Current Transformer Ratio (Connected)	Current Transformer Test Date
Voltage Transformer Location	Voltage Transformer Type	Voltage Transformer Ratio (Available and Connected)
Voltage Transformer Accuracy Class	Voltage Transformer Test	Voltage Transformer Test Date
GPS Coordinates - Latitude	GPS Coordinates – Longitude	

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

Register ID (at least one for each *meter*)	Register Identifier Status Code (for each register)	Network Tariff Code
Actual/Cumulative Indicator (for each register)	Controlled Load Indicator (for each register)	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

Status Change	FRMP		LR		LNSP		MDP		MPB		RoLR		RP	
	N	C	N	C	N	C	N	C	N	C	N	C	N	C
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	TNI Code 2	

(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)
NMI Limit (Maximum number of *NMIs* to be processed in the run)	Previous BCT Run Identifier (i.e. Change all *NMIs* in a previous BCT event)	TNI Code 2

(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	TNI Code 2	

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 Error! Reference source not found.Table 16-C~~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~~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~~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~~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~~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~~Table 16-C~~. Error! Reference source not found.

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~~.

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~~.

Table 16-C – NMI Standing Data Items and CATS Standing Data ~~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	Search~~Type~~ 1	Search~~Type~~ 2	Search~~Type~~ 3	MC_Search
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~~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
ConnectionConfiguration	Two-character code to denote information about the configuration of the connection point.	ALL	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		-

Data Item	Description	Jurisdiction	Standing Data Access Rights										NMI Discovery / ~~NMI Search~~			
			FRMP	LR	LNSP	MDP	MPB	MPC	RP	RoLR	NEMM	NSP2	~~Search Type~~ 1	~~Search Type~~ 2	~~Search Type~~ 3	MC_Search
DPNumber	A deposited plan (DP) number corresponds to an image that defines the legal boundaries of a plot of land in NSW and ACT	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes	Yes		Yes
Child Name (EmbNetChild)	The embedded network identifier code is used to identify which embedded network this Child NMI is part of. (If on a NMI record this field is not populated, it is assumed the NMI is not the Child NMI of any other Parent NMI.)	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes *	Yes		-
Parent Name (EmbNetParent)	The embedded network identifier code is used to identify which embedded network this NMI is the 'parent of'. (If on a NMI record this field is not populated, it is assumed the NMI is not the parent of any other NMI.)	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes *	Yes		-
Feeder Class	To provide a 15 character long field in varchar format for logical grouping of NMIs based on a DNSP's distribution feeder.	ALL	Yes	Yes	Yes	-	-	-	Yes	-	Yes	-	Yes *	Yes		-
FlatNumber	Specification of the number of the flat or unit which is a separately identifiable portion within a building/complex.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes *	Yes		Yes
FlatType	Specification of the type of flat or unit which is a separately identifiable portion within a building/complex. Values permitted include: APT, CTGE, DUP, FY, F, HSE, KSK, MSNT, MB, OFF, PTHS, RM, SHED, SHOP, SITE, SL, STU, SE, TNHS, U, VLLA, WARD, WE.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes *	Yes		Yes
FloorNumber	Floor Number is used to identify the floor or level of a multi-storey building/complex.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes *	Yes		Yes
FloorType	Floor Type is used to identify the floor or level of a multi-storey building/complex. Values permitted include: B, FL, G, L, LG, M, UG.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes *	Yes		Yes

Data Item	Description	Jurisdiction	Standing Data Access Rights										NMI Discovery / ~~NMI Search~~			
			FRMP	LR	LNSP	MDP	MPB	MPC	RP	RoLR	NEMM	NSP2	~~SearchType 1~~	~~SearchType 2~~	~~SearchType 3~~	MC_Search
GNAFPID	The Geocoded National Address File (G-NAF) Persistent Identifier (PID) for a given address.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes	Yes		Yes
HouseNum	The numeric reference of a house or property. Specifically the house number.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes *	Yes		Yes
HouseNum Suffix	The numeric reference of a house or property. Specifically the single character identifying the house number suffix.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes *	Yes		Yes
HouseNumTo	The numeric reference of a house or property for scenarios where the address is similar to 4-10 Smith St.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes *	Yes		Yes
Jurisdiction Code	Jurisdiction Code to which the NMI belongs.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes		Yes
Locality	The full name of the general locality containing the specific address.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes *	Yes		Yes
Location Descriptor	A general field to capture various references to address locations alongside another physical location.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes *	Yes		Yes
Lot Number	The lot reference number allocated to an address prior to street numbering.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes *	Yes		Yes
Meter Malfunction Exemption Number	The exemption number granted by AEMO when a meter malfunction exemption is granted.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes	Yes		Yes
Meter Malfunction Exemption Expiry Date	The end date of the meter malfunction exemption.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes	Yes		Yes
NMI	National Meter Identifier – unique identification for each *connection point*.	ALL	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	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	SearchType 1	SearchType 2	SearchType 3	MC_Search
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
NMI Status Code (NMIStatusCode)	Code used to indicate the status of the NMI, i.e. active, de-energised, extinct. (See section 4.11)	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes		Yes		Yes
Postcode	The numeric descriptor for a postal delivery area, aligned with locality, suburb or place.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes *	Yes		Yes
SectionNumber	A section number corresponds to a reference that contributes to defining the legal boundaries of a plot of land in NSW and ACT.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes	Yes		Yes
SharedIsolationPointFlag	A flag (Yes, No, Isolated or Unknown) to indicate the Shared Fuse Arrangement for the *metering installation*. Valid values are Y, N, I or U, e.g. "Y" indicates that a shared fuse is present.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes	Yes		Yes
State	Defined State or Territory abbreviation. Values permitted include: AAT, ACT, NSW, NT, QLD, SA, TAS, VIC, WA.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes *	Yes		Yes
StreetName	Records the thoroughfare name.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes *	Yes		Yes
StreetSuffix	Records any street suffixes. Values permitted include: CN, E, EX, OR, N, NE, NW, S, SE, SW, UP, W	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes *	Yes		Yes
StreetType	Records the street type abbreviation. Available abbreviations are listed in AS4590.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes *	Yes		Yes
TNI Code (TNICode)	Transmission Node Identifier. Identifies a *transmission network connection point*.	ALL	Yes	Yes	Yes	Yes	Yes		Yes	-	Yes	Yes	-	Yes		Yes
TNI Code 2 (TNICode2)	TNI Code assigned by AEMO to a distribution network into which energy normally flows through a connection point between adjacent distribution networks that has a single NMI.	ALL	Yes	Yes	Yes	Yes	Yes		Yes	-	Yes	Yes	-	Yes		Yes

Data Item	Description	Jurisdiction	Standing Data Access Rights										NMI Discovery / ~~NMI Search~~			
			FRMP	LR	LNSP	MDP	MPB	MPC	RP	RoLR	NEMM	NSP2	~~Search Type~~ 1	~~Search Type~~ 2	~~Search Type~~ 3	MC_Search
Unstructured Address1	To provide the Unstructured Address (line 1) where a Structured Address cannot be supplied.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes *	Yes		Yes
Unstructured Address2	To provide The Unstructured Address (line 2) where a Structured Address cannot be supplied.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes *	Yes		Yes
Unstructured Address3	To provide the Unstructured Address (line 3) where a Structured Address cannot be supplied.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes *	Yes		Yes

Data Item	Description	Jurisdiction	Standing Data Access Rights										NMI Discovery / ~~NMI Search~~			
			FRMP	LR	LNSP	MDP	MPB	MPC	RP	RoLR	NEMM	NSP2	~~Type~~ Search 1	~~Type~~ Search 2	~~Type~~ Search 3	MC Search
MSATS Standing Data Table: PARTICIPANT RELATIONS (CATS_NMI_PARTICIPANT_RELATIONS)																
FRMP	Financially Responsible *Market Participant*, e.g. Current Retailer.	ALL	Yes	-	Yes	Yes	Yes	-	Yes	-	Yes	Yes	-	-	Yes	Yes
LNSP	Current Local *Network Service Provider* (or ENM for a *child connection point*).	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes
LR	Current *local retailer*.	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 *Metering Coordinator*.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes		Yes
NSP2	Current Second *Network Service Provider*	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~~ Search 1	~~Type~~ Search 2	~~Type~~ Search 3	MC Search
MSATS Standing Data Table: METER REGISTER (CATS_METER_REGISTER)																
AddlSiteInfo	This field is used to provide any additional information about a Site to describe Site access and the relationship between the *metering point* and the *connection point*.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	-		-
AssetMgmtPlan	If a Site plan is used, this is a description of the plan. If a Sample Test Plan is used, this is the name of the AEMO-approved plan.	ALL	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-	-	-		-
Calibration Tables	Details of any calibration factors programmed into the meter.	ALL	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-	-	-		-
CommEquip Type	Indicates modem or other communication device types.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	-		-
CommProtocol	Textual description of details needed to communicate to communication devices.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	-		-
CurrentTransformerLocation	The location of the current transformer at the site.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	-		-
CurrentTransformerType	Indicates whether the current transformer at the metering installation is single phase or three phase.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	-		-
CurrentTransformerRatioAvailable	The available ratio of the current transformer at the metering installation.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	-		-
CurrentTransformerRatioConnected	The connected ratio of the current transformer at the metering installation.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	-		-
CurrentTransformerAccuracyClass	The accuracy class of the current transformer at the metering installation.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	-		-
CurrentTransformerTest	Type of test performed on metering installation with Current Transformer	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 Search 1	Type Search 2	Type Search 3	MC Search
CurrentTransformerTestDate	A date that represents actual test date for metering installations with Current Transformer tested or date represents family expiry date for those included in an approved sample plan.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	-		-
DataConv	Textual description of details needed to translate data received from a communication device.	ALL	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-	-	-		-
DataValidations	Textual description of details needed to validate data received from a communication device.	ALL	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-	-	-		-
EstInstruct	Textual instructions on how to estimate the Meter Reading if an Estimated Reading is required.	ALL	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-	-	-		-
GPSCoordinatesLat	GPS Coordinates Latitude is the angular measurement North or South of the equator in decimal degrees (up to 7 decimal places). Angles South of the equator will be represented as negative values. E.g. -37.8886755. It is the latitude of the metering installation and not of the site.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes		Yes
GPSCoordinatesLong	GPS Coordinates Longitude is the angular measurement East or West of the prime meridian in decimal degrees (up to 7 decimal places). Angles East of the Prime Meridian (e.g. Australia) will be represented as positive values. E.g. +145.1410361. It is the longitude of the metering installation and not of the site.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes		Yes
LastTestDate	Last date on which the *meter* was tested.	ALL	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-	-	-		-
Measurement Type	Code indicating how the *meter* is measuring, example values include, aggregate, consumption, programmable, interval.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	-		-
MeterConstant	Multiplier applied to the *meter* to arrive at the consumption.	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~~ Search 1	~~Type~~ Search 2	~~Type~~ Search 3	MC Search
MeterHazard	Code or text indicating any dangerous conditions that may have been identified at the Site.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	-		-
Metering Installation Type Code (MeterInstall Code)	The Metering Installation Type Code indicates whether or not the *meter* has to be manually read. This may affect~~s~~ the transfer transaction process.(see section 4.12)	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes		Yes
MeterLocation	Code or text indicating where the meter is physically located at the premises.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	-		-
Meter Manufacturer	The manufacturer code for the *meter*.	ALL	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-	-	-		-
MeterModel	The manufacturer's model number for the meter.	ALL	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-	-	-		-
MeterPoint	An additional metering identifier field.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	-		-
MeterProgram	For programmable *meters*, an identifier of the program run at the *meter*.	ALL	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-	-	-		-
Meter Read Type (ReadTypeCode)	Code indicating how the *meter* is read Refer to "Standing data for MSATS - ReadTypeCode' document for further details.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	-	-	Yes		-
MeterRoute	The route identifier the meter is currently being read in.	ALL	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-	-	-		-
Meter Serial ID (MeterSerial)	The serial number that uniquely identifies a *meter* for a given *NMI*.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes		Yes
Meter Register Status Code (MeterStatus)	Code used to indicate the status of the *meter*.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes		-
MeterUse	Code indicating revenue *meter*, *check meter*, *load* research, etc.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	-		-
Next Scheduled Read Date (NextSchRead Date)	Indicates the NSRD for the *meter* if a reading is required.	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~~ Search 1	~~Type~~ Search 2	~~Type~~ Search 3	MC Search
NextTestDate	Next date on which the *meter* should be tested.	ALL	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-	-	-		-
Password	Read and Time Set passwords, separated by a space. Note that the Write password is not to be stored in this field.	ALL	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-	-	-		-
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 result from the test performed on the date indicated in the LastTestDate field.~~The accuracy of the *meter* 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 *transformer* is in relation to the *meter*.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	-		-
~~UserAccess~~User Access Rights	Details of any End User access to the *metering installation*. Examples include pulse outputs, interface to End User load management system, or End User directly accessing data in the meter through special agreement.	ALL	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-	-	-		-
Transformer Ratio	*Instrument transformer* ratios (available and connected).	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	-		-
Transformer Type	Type of transformation employed.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	-		-

Data Item	Description	Jurisdiction	Standing Data Access Rights										NMI Discovery / ~~NMI Search~~			
			FRMP	LR	LNSP	MDP	MPB	MPC	RP	RoLR	NEMM	NSP2	~~Type~~ Search 1	~~Type~~ Search 2	~~Type~~ Search 3	MC Search
VoltageTransformerLocation	The location of the voltage transformer at the site.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	-		-
VoltageTransformerType	Indicates whether the voltage transformer at the metering installation is single phase or three phase.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	-		-
VoltageTransformerRatio	The available or connected ratio of the voltage transformer at the metering installation.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	-		-
VoltageTransformerAccuracyClass	The accuracy class of the voltage transformer at the metering installation.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	-		-
VoltageTransformerTest	Type of test performed on metering installation with Voltage Transformer	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	-		-
VoltageTransformerTestDate	A date that represents actual test date for metering installations with Voltage Transformer tested or date represents family expiry date for those included in an approved sample plan.	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~~ Search 1	~~Type~~ Search 2	~~Type~~ Search 3	MC Search
MSATS Standing Data Table: REGISTER ID (CATS_REGISTER_IDENTIFIER)																
Actual/Cumulative Indicator (ActCumInd)	Actual/Subtractive indicator. Actual implies volume of energy actually metered between two dates. Cumulative indicates a Meter Reading for a specific date. A second Meter Reading is required to determine the consumption between those two dates.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes		-
Controlled Load	Indicates whether the energy recorded by this register is created under a Controlled Load regime.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes		Yes
Demand1	A value, in kVA or kW, which is a demand component associated with a Network Tariff.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	-		-
Demand2	A value, in kVA or kW, where there is a second demand component associated with a Network Tariff.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	-		-
DialFormat	Describes the register display format. First number is the number of digits to the left of the decimal place, and the second number is the number of digits to the right of the decimal place.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes		-
Multiplier	Multiplier required to take a register value and turn it into a value representing billable energy.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes		Yes
Network Tariff Code (NetworkTariff Code)	A code that identifies the Network Tariff. It is a code obligation for the LNSP to publish the meaning of these codes elsewhere (e.g. on the Internet).	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes		Yes
Network Tariff Code Additional Information (NTAddInfo)	Contains additional explanatory information about the Network Tariff if the code alone is not a sufficient explanation.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes		-
RegisterId	The identifier which uniquely identifies 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~~ Search 1	~~Type~~ Search 2	~~Type~~ Search 3	MC Search
Register Identifier Status Code (RegisterId Status)	A code to indicate whether or not the register is active.	ALL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes		Yes
Suffix	The suffix on the CATS_NMI_ Datastream table to which energy measured on this register contributes.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes		-
TimeOfDay	A code that indicates the time validity of the register's contents.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes		Yes
UnitOf Measure	A code to identify the unit of measure for the data held in this register.	ALL	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes		Yes

Data Item	Description	Jurisdiction	Standing Data Access Rights										NMI Discovery / ~~NMI Search~~			
			FRMP	LR	LNSP	MDP	MPB	MPC	RP	RoLR	NEMM	NSP2	~~Type~~ Search 1	~~Type~~ Search 2	~~Type~~ Search 3	MC Search
MSATS Standing Data Table: NMI DATASTREAM (CATS_NMI_DATA_STREAM)																
ADL (AverageDailyLoad)	The electrical energy delivered through a *connection point* 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 *NMI*.	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~~ Search 1	~~Type~~ Search 2	~~Type~~ Search 3	MC Search
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*