MSATS PROCEDURES

CATS PROCEDURE PRINCIPLES AND OBLIGATIONS

PREPARED BY:	Retail Markets and Metering
DOCUMENT REF:	MT_RT1700v004.01
VERSION:	4.2
EFFECTIVE DATE:	1 December 2017
STATUS:	DRAFT

Approved for distribution and use by:

APPROVED BY:	[NAME]
TITLE:	[Title]

SIGNED:

DATE: / / 20

Version Release History

Version	Date	Author	Comments
~~1.0~~	~~1 January 2002~~	~~AEMO~~	~~Effective with implementation of Full Retail Competition in New South Wales and Victoria on 1 January 2002.~~
~~2.0~~	~~26 August 2002~~	~~AEMO~~	~~Effective from 26 August 2002 with the implementation of MSATS Release 2 Stage 1.~~
~~2.01~~		~~AEMO~~	~~No Version 2.01 was released. All amendments are incorporated in version 2.2.~~
~~2.2~~		~~AEMO~~	~~This version is released to coincide with the implementation of MSATS Release 2 Stage 2 effective from 13 December 2002. End of inter-operability CATS Procedures are approved to become effective as at 13 December 2002.~~ ~~South Australian FRC rules are also incorporated in this document. Currently, the final South Australian CATS rules are pending approval from the South Australian Government. Once approved, they would become effective from 1 January 2003.~~
~~Final Determination~~	~~12 December 2002~~	~~AEMO~~	~~This version is released to coincide with the implementation of MSATS Release 2 Stage 2 effective from 13 December 2002. End of inter-operability CATS Procedures are approved to become effective as at 13 December 2002.~~ ~~South Australian FRC rules are also incorporated in this document. These rules have been approved by the South Australian Government, and they become effective from 1 January 2003.~~
~~Final Decision~~	~~13 February 2003~~	~~AEMO~~	~~This version of the CATS procedures is released to include process improvement suggestions following operational experience, changes to accommodate Full Retail Competition (FRC) in ACT, and changes to CATS rules operation in Queensland.~~
~~2.31~~	~~8 August 2003~~	~~AEMO~~	~~This version of the CATS procedures is released to include some changes to accommodate Full Retail Competition (FRC) in ACT. The effective date for this version is 1 July 2003.~~
~~2.4~~	~~18 March 2004~~	~~AEMO~~	~~This version of the CATS Procedures is released to include further process and improvement suggestions following operational experience.~~
~~2.41~~	~~4 February 2005~~	~~AEMO~~	~~This version of the CATS Procedures is released to include changes to accommodate the extension of retail competition in Queensland and the provision of Tasmania in MSATS.~~
~~2.42~~	~~23 September 2005~~	~~AEMO~~	~~The CATS 2.42 procedures incorporate revised wording as a consequence of the change from the National Electricity Code to National Electricity Rules e.g. "Code" replaced by "Rules", "Code Participants" replaced by "Registered Participants", and "NECA" replaced by "AEMC" or "AER". The National Electricity Rules commenced on 1 July 2005.~~
~~2.5~~	~~26 September 2005~~	~~AEMO~~	~~This version of the CATS Procedures is released to include further process and improvement suggestions following operational experience.~~
~~2.6~~	~~19th May 2006~~	~~AEMO~~	~~This version of the CATS Procedures is released to include further process and improvement suggestions following operational experience.~~
2.7	1st July 2007	AEMO	Updated ~~This version of the CATS Procedures is released~~ to include further process improvements and inclusion of FRC for Queensland.
2.8	28th May 2008	AEMO	Updated ~~This version of the CATS Procedures is released~~ to include further process and improvement suggestions following operational experience.
2.9	5th September 2008	AEMO	Updated ~~This version of the CATS Procedures is released~~ to include further process and improvement suggestions following operational experience.
2.10	6th January 2009	AEMO	Updated ~~This version of the CATS Procedures is released~~ to include further process and improvement suggestions following operational experience.
2.10.1	14th May 2009.	AEMO	Updated ~~This version of the CATS Procedures is released~~ to include further process and improvement suggestions following operational experience and the introduction of Advanced Metering.
3.0	5th June 2009.	AEMO	Updated ~~This version of the CATS Procedures is released~~ to include further process and improvement suggestions following operational experience.

Version	Date	Author	Comments
3.1	7th August 2009	AEMO	Updated ~~This version of the CATS Procedures is released~~ to include further process and improvement suggestions following operational experience and the introduction of Advanced Metering.
3.2	8th April 2010	AEMO	Updated ~~This version of the CATS Procedures is released~~ to include further process and improvement suggestions following operational experience.
3.3	25th October 2010	AEMO	Updated ~~This version of the CATS Procedures is released~~ to include further process and improvement suggestions following operational experience.
3.4	21st December 2010	AEMO	Updated ~~This version of the CATS Procedures is released~~ to include the discoverability of Advanced Metering and manifest changes.
3.4a	15th July 2011	AEMO	Updated ~~This version of the CATS Procedures is released~~ to facilitate further extension of contestability to small business customers in Tasmania.
3.5	25th August 2011	AEMO	Updated ~~This version of the CATS Procedures is released~~ to include a new objection for the CR1010 & CR1081 and manifest changes.
3.6	13th January 2012	AEMO	Updated ~~This version of the CATS Procedures is released~~ to include a new Change Reason Code for the update of the Customer Classification Code field; additional changes related to National Energy Customer Framework; and other minor manifest text changes.
3.7	15th May 2013	AEMO	Updated ~~This version of the CATS Procedures is released~~ to include a new NMI Discovery Type 3 transaction; aligning procedures with the NER as a result of introduction of new terminology regarding MDPs; updates based on a New Connections process review to facilitate that a LNSP only nominate a *retailer* as the FRMP based on instruction from that *retailer*; changes as a result of introduction of Market Small Generation Aggregator (MSGA).
3.8	13th November 2013	AEMO	Updated ~~This version of the CATS Procedures is released~~ to align MPB obligations with MDP obligations during the meter set up or maintenance process, by requiring the MPB to source the suffix from the appropriate MDP.
3.9	1st January 2014	AEMO	No version 3.9 was released. The Tasmanian Government withdrew its request for the change to the CATS Procedures.
4.0	15th May 2014	AEMO	Updated ~~This version of the CATS Procedures is released~~ to include amendments arising from the introduction of NECF in NSW.
4.1	1 July 2014	AEMO	~~This version of the CATS Procedures is released~~Updated to include amendments arising from the AEMC Rule change on Access to *NMI Standing Data*.
4.2	1 December 2017	AEMO	Updated to capture changes related to the National Electricity Amendment (Expanding competition in metering and related services) Rule 2015 No. 12 and National Electricity Amendment (Embedded Networks) Rule 2015 No. 15

QUICK REFERENCE GUIDE

Change Retailer (FRMP)

Change Reason Code	Description	Section & Page No
1000, 1010 (SMALL only), 1020 (LARGE only), 1030, 1040	Change Retailer	Sec 0, Page 50
1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029 (All these codes are for SMALL only)	Change Retailer – Error Corrections (Small NMIs only)	Sec 0, Page 56
1050,1051 (Both codes are for Large only)	Change Retailer – Where FRMP is NOT the RP	Disabled from 1 December 2017
1080, 1081 (SMALL only), 1082, 1083, 1084	Change Retailer – (ENC) Small or Large	Sec 9, Page 61
1090, 1091 (Both codes are for Large only)	Change Retailer – (ENC) Where FRMP IS NOT the RP	Disabled from 1 December 2017

Provide Data

Change Reason Code	Description	Section & Page No
1500	Provide Actual Change Date	Sec 10, Page 67

Create NMI

Change Reason Code	Description	Section & Page No
2000, 2001	Create NMI	Sec 11, Page 69
2003	Create Tier 1 NMI	
2020, 2021	Create NMI (ENC)	Sec 0, Page 72
2500, 2501	Create NMI, Meter, Datastream	Sec 13, Page 75
2520, 2521	Create NMI, Meter, Datastream – Child NMI	Ch 14, Page 78

Maintain Metering

Change Reason Code	Description	Section & Page No
3000, 3001	Create Metering Installation Details	Sec **Error! Reference source not found.**, Page **Error! Bookmark not defined.** Disabled from 1 December 2017
3003	Create Tier 1 Metering Installation Details	
3004, 3005	Exchange of Metering Information	Sec 0, Page 85
3050, 3051	Change Metering Installation Details	Sec 0, Page 88
3053	Change Tier 1 Metering Installation Details	Disabled from 1 December 2017
3080, 3081	Advanced Change Metering Installation Details	Sec 0, Page 91
3090, 3091	Advanced Exchange of Metering	Sec 19, Page 95
3100, 3101	Change Network Tariff Code	Sec 20, Page 99

Maintain Datastream

Change Reason Code	Description	Section & Page No
4000, 4001	Create Datastream Details	Sec 0, Page 101
4003	Create Tier 1 Datastream Details	Disabled from 1 December 2017

Change Reason Code	Description	Section & Page No
4004, 4005	Exchange of Datastream Information	Sec 22, Page 103
4050, 4051	Change Datastream Details	Sec 0, Page 105
4053	Change Tier 1 Datastream Details	Disabled from 1 December 2017

Maintain NMI

Change Reason Code	Description	Section & Page No
5070, 5071	Update Next Scheduled Read Date	Sec 24, Page 108
5001, 5021	Backdate NMI Start Date	Sec 25, Page 110
5050, 5051	Change NMI	Sec 26, Page 113
5053	Change Tier 1 *NMI Standing Data*	Disabled from 1 December 2017
5054, 5055	Change NMI (Customer Classification Code)	Sec 0, Page 116
5060, 5061	Change NMI (ENC)	Sec 0, Page 118
5080, 5081	Change Parent ~~EN~~ Name	Sec 0, Page 120
5090, 5091	Make a NMI a Child NMI	Sec 0, Page 122

Change Roles (excluding FRMP)

Change Reason Code	Description	Section & Page No
6100, 6110	Change LNSP	Sec 31, Page 124
6200, 6210	Change MDP	Sec 0, Page 126
6300, 6301	Change ~~Metering Coordinator~~MC	Sec 0, Page 129
6400, 6401	Change LR	Sec 0, Page 131
6421	Change LR Child NMI	Sec 35, Page 133
6500, 6501	Change RoLR	Sec 0, Page 135
6700, 6701	Change MPB AND / OR MPC	Sec 0, Page 137
6800, 6801	Change Multiple Roles – MC, MDP, MPC, MPB	Sec 0, Page 139

Auto change roles

Change Reason Code	Description	Section & Page No
ECLR	Change LR (ENC) Auto	Sec 0, Page 142
EPFR	Change Secondary FRMP (ENP)	Sec 40, Page 143

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

AEMO only

Change Reason Code	Description	Section & Page No
5100, 5101	Standing data updates	Sec 41, Page 144
ROLR	Invoke BCT for RoLR	Sec 0, Page 147
BCxx	Invoke ~~Bulk Change Tool~~BCT Process	Sec 0, Page 147

HOW TO USE THIS DOCUMENT

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

All participants should read and be familiar with Sections 1 to 6~~5~~, which contain overview material. In particular, it is essential that you read Section 2, which defines, for each role, what overall obligations it has with regard to these procedures.

The majority of the document (Sections ~~6~~7 0 to ~~40~~42 ~~0~~40) covers specific tasks you might either have to initiate or be notified about, and the rules and obligations you have with regard to them.

For example, if you are intending to change a *small customer's retailer*, assuming that you are already familiar with Sections 1 to 6~~5~~, you would:

- Check the grouping of sections covering the topic 'Change Retailer' (Sections 7~~6~~0 to ~~8~~**9**).
- Select and then read Section 7 ~~0~~6, which is called 'Change Retailer – Small or Large NMI.

The names of sections ~~6~~7~~06~~ to 42~~40040~~ are structured like the following example:

CHANGE ROLE	**–**	**CHANGE MDP**	**SMALL OR LARGE**
Transaction Grouping		Specific task	NMI size (where applicable)

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

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

CONTENTS

QUICK REFERENCE GUIDE **3**

1. INTRODUCTION **14**
1.1. Purpose and Scope 14
1.2. Definitions and Interpretation 14
1.3. Commencement of Changes 14
1.4. Related Documents 14

2. OBLIGATIONS BY ROLE **14**
2.1. General Obligations 14
2.2. Financially Responsible Market Participant 15
2.3. Local Network Service Provider 16
2.4. Metering Data Provider 17
2.5. Metering Provider – Category B 19
2.6. MC 19
2.7. Retailer Of Last Resort 20
2.8. Second Network Service Provider 20
2.9. AEMO 20
2.10. Embedded Network Manager 20

3. CATS FUNCTIONALITY **23**
3.1. Overview 23
3.2. Principles 23
3.3. Transaction Types 24
3.4. Change Requests 25
3.5. Change Request Status Life Cycle 27
3.6. Transaction Validation 29
3.7. Valid Proposed Change Date for Prospective and Retrospective Change Requests 31

4. CATS CODES AND RULES FOR A CHANGE REQUEST **33**
4.1. Introduction 33
4.2. Change Reason Code 33
4.3. Role Codes 35
4.4. Change Request Initiation Rules 36
4.5. Jurisdiction Codes 36
4.6. Timeframe Rules 36
4.7. Objection Codes 37
4.8. Objection Rules 38
4.9. NMI Classification Codes 38
4.10. End User Classification 39
4.11. Status Codes (NMI and Datastream) 40
4.12. Metering Installation Type Codes 41
4.13. Read Type Code 42
4.14. Field Validation Rules 44
4.15. Change Request Status Notification Rules 44
4.16. Maintenance of Codes and Rules 44
4.17. Datastream Status Code 44
4.18. Embedded Network Codes and Rules 45
4.19. Obtaining Electronic Downloads of Configuration Rules 45

5. MSATS REPORTS 47

6. GUIDELINES FOR MANAGING CONCURRENT RETAIL TRANSFERS 48
6.1. Definition of concurrent retail transfers 48
6.2. Guidelines 48

7. CHANGE RETAILER – SMALL OR LARGE NMI 50
7.1. Application [1000 1010 1020 1030 1040] 50
7.2. Conditions Precedent 50
7.3. Initiating Roles 50
7.4. FRMP Requirements 50
7.5. MDP Requirements 51
7.6. MC Requirements 52
7.7. Timeframe Rules 53
7.8. Objection Rules 53
7.9. Change Request Status Notification Rules 54

8. CHANGE RETAILER – ERROR CORRECTIONS – SMALL NMIS 56
8.1. Application [1021 1022 1023 1024 1025 1026 1027 1028 1029] 56
8.2. Conditions Precedent 56
8.3. Initiating Roles 57
8.4. FRMP Requirements 57
8.5. MC Requirements 58
8.6. Timeframe Rules 58
8.7. Objection Rules 59
8.8. Change Request Status Notification Rules 60

9. CHANGE RETAILER – EMBEDDED NETWORKS – SMALL OR LARGE 61
9.1. Application [1080 1081 1082 1083 1084] 61
9.2. Conditions Precedent 61
9.3. Initiating Roles 61
9.4. FRMP Requirements 61
9.5. MDP Requirements 62
9.6. MC Requirements 63
9.7. Timeframe Rules 63
9.8. Objection Rules 64
9.9. Change Request Status Notification Rules 65

10. PROVIDE DATA – PROVIDE ACTUAL CHANGE DATE – SMALL OR LARGE 67
10.1. Application [1500] 67
10.2. Conditions Precedent 67
10.3. Initiating Roles 67
10.4. MDP Requirements 67
10.5. Timeframe Rules 67
10.6. Objection Rules 67
10.7. Change Request Status Notification Rules 68

11. CREATE NMI – CREATE A NMI – SMALL OR LARGE 69
11.1. Application [2000 2001] 69
11.2. Conditions Precedent 69
11.3. Initiating Roles 69
11.4. LNSP Requirements 69

11.5. MPB Requirements 70
11.6. Timeframe Rules 70
11.7. Objection Rules 70
11.8. Change Request Status Notification Rules 71

12. CREATE NMI – CREATE CHILD NMI – SMALL OR LARGE 72
12.1. Application [2020 2021] 72
12.2. Conditions Precedent 72
12.3. Initiating Roles 72
12.4. ENM Requirements 72
12.5. MPB Requirements 73
12.6. Timeframe Rules 73
12.7. Objection Rules 73
12.8. Change Request Status Notification Rules 74

13. CREATE NMI – CREATE NMI, METERING INSTALLATION DETAILS AND NMI DATASTREAM – SMALL OR LARGE 75
13.1. Application [2500 2501] 75
13.2. Conditions Precedent 75
13.3. Initiating Roles 75
13.4. LNSP Requirements 75
13.5. Timeframe Rules 76
13.6. Objection Rules 77
13.7. Change Request Status Notification Rules 77

14. CREATE NMI – CREATE NMI, METERING INSTALLATION DETAILS AND MDM DATASTREAM – CHILD NMI (SMALL OR LARGE) 78
14.1. Application [2520 2521] 78
14.2. Conditions Precedent 78
14.3. Initiating Roles 78
14.4. ENM Requirements 78
14.5. Time Frame Rules 80
14.6. Objection Rules 80
14.7. Change Request Status Notification Rules 81

15. MAINTAIN METERING – CREATE METERING INSTALLATION DETAILS – SMALL OR LARGE 82
15.1. Application [3000 3001] 82
15.2. Conditions Precedent 82
15.3. Initiating Roles 82
15.4. MPB Requirements 82
15.5. Timeframe Rules 83
15.6. Objection Rules 83
15.7. Change Request Status Notification Rules 84

16. MAINTAIN METERING – EXCHANGE OF METERING INFORMATION – SMALL OR LARGE 85
16.1. Application [3004 3005] 85
16.2. Conditions Precedent 85
16.3. Initiating Roles 85
16.4. MPB Requirements 85
16.5. Timeframe Rules 86

16.6. Objection Rules 87
16.7. Change Request Status Notification Rules 87

17. MAINTAIN METERING – CHANGE METERING INSTALLATION DETAILS – SMALL OR LARGE 88
17.1. Application [3050 3051] 88
17.2. Conditions Precedent 88
17.3. Initiating Roles 88
17.4. MPB Requirements 88
17.5. Timeframe Rules 89
17.6. Objection Rules 89
17.7. Change Request Status Notification Rules 90

18. MAINTAIN METERING – ADVANCED CHANGE METERING INSTALLATION DETAILS – SMALL OR LARGE 91
18.1. Application [3080 3081] 91
18.2. Conditions Precedent 91
18.3. Initiating Roles 91
18.4. MC Requirements 91
18.5. Timeframe Rules 93
18.6. Objection Rules 93
18.7. Change Request Status Notification Rules 93

19. MAINTAIN METERING – ADVANCED EXCHANGE OF METERING – SMALL OR LARGE 95
19.1. Application [3090 3091] 95
19.2. Conditions Precedent 95
19.3. Initiating Roles 95
19.4. MC Requirements 95
19.5. Timeframe Rules 97
19.6. Objection Rules 97
19.7. Change Request Status Notification Rules 97

20. MAINTAIN METERING – CHANGE NETWORK TARIFF CODE – SMALL OR LARGE 99
20.1. Application [3100 3101] 99
20.2. Conditions Precedent 99
20.3. Initiating Roles 99
20.4. LNSP or ENM Requirements 99
20.5. Timeframe Rules 99
20.6. Objection Rules 100
20.7. Change Request Status Notification Rules 100

21. MAINTAIN DATASTREAM – CREATE NMI DATASTREAM –SMALL OR LARGE 101
21.1. Application [4000 4001] 101
21.2. Conditions Precedent 101
21.3. Initiating Roles 101
21.4. MDP Requirements 101
21.5. Timeframe Rules 102
21.6. Objection Rules 102
21.7. Change Request Status Notification Rules 102

22. MAINTAIN DATASTREAM – EXCHANGE OF DATASTREAM INFORMATION SMALL OR LARGE 103

22.1. Application [4004 4005] 103
22.2. Conditions Precedent 103
22.3. Initiating Roles 103
22.4. MDP Requirements 103
22.5. Timeframe Rules 104
22.6. Objection Rules 104
22.7. Change Request Status Notification Rules 104

23. MAINTAIN DATASTREAM – CHANGE NMI DATASTREAM – SMALL OR LARGE 105
23.1. Application [4050 4051] 105
23.2. Conditions Precedent 105
23.3. Initiating Roles 105
23.4. MDP Requirements 105
23.5. Timeframe Rules 106
23.6. Objection Rules 106
23.7. Change Request Status Notification Rules 106

24. MAINTAIN NMI – UPDATE NEXT SCHEDULED READ DATE – SMALL OR LARGE 108
24.1. Application [5070 5071] 108
24.2. Conditions Precedent 108
24.3. Initiating Roles 108
24.4. MDP Requirements 108
24.5. Timeframe Rules 108
24.6. Objection Rules 109
24.7. Change Request Status Notification Rules 109

25. MAINTAIN NMI – BACKDATE A NMI – SMALL OR LARGE 110
25.1. Application [5001 5021] 110
25.2. Conditions Precedent 110
25.3. Initiating Roles 110
25.4. LNSP Requirements (5001 only) 110
25.5. ENM Requirements (5021 only) 111
25.6. AEMO Requirements 111
25.7. MPB Requirements 111
25.8. Timeframe Rules 111
25.9. Objection Rules 112
25.10. Change Request Status Notification Rules 112

26. MAINTAIN NMI – CHANGE A NMI – SMALL OR LARGE 113
26.1. Application [5050 5051] 113
26.2. Conditions Precedent 113
26.3. Initiating Roles 113
26.4. LNSP Requirements 113
26.5. Timeframe Rules 114
26.6. Objection Rules 114
26.7. Change Request Status Notification Rules 114

27. MAINTAIN NMI – CHANGE A NMI – CUSTOMER CLASSIFICATION CODE – SMALL OR LARGE 116
27.1. Application [5054 5055] 116
27.2. Conditions Precedent 116
27.3. Initiating Roles 116

27.4. FRMP Requirements 116
27.5. Timeframe Rules 116
27.6. Objection Rules 116
27.7. Change Request Status Notification Rules 117

28. MAINTAIN NMI – CHANGE NMI EMBEDDED NETWORK (CHILD) – SMALL OR LARGE 118
28.1. Application [5060 5061] 118
28.2. Conditions Precedent 118
28.3. Initiating Roles 118
28.4. ENM Requirements 118
28.5. Timeframe Rules 118
28.6. Objection Rules 119
28.7. Change Request Status Notification Rules 119

29. MAINTAIN NMI – CHANGE PARENT NAME – SMALL OR LARGE 120
29.1. Application [5080 5081] 120
29.2. Conditions Precedent 120
29.3. Initiating Roles 120
29.4. LNSP Requirements 120
29.5. Timeframe Rules 121
29.6. Objection Rules 121
29.7. Change Request Status Notification Rules 121

30. MAINTAIN NMI – MAKE NMI A CHILD NMI – SMALL OR LARGE 122
30.1. Application [5090 5091] 122
30.2. Conditions Precedent 122
30.3. Initiating Roles 122
30.4. ENM Requirements 122
30.5. Timeframe Rules 122
30.6. Objection Rules 122
30.7. Change Request Status Notification Rules 123

31. CHANGE ROLE – CHANGE LNSP – SMALL OR LARGE 124
31.1. Application [6100 6110] 124
31.2. Conditions Precedent 124
31.3. Initiating Roles 124
31.4. LNSP or ENM Requirements 124
31.5. Timeframe Rules 124
31.6. Objection Rules 125
31.7. Change Request Status Notification Rules 125

32. CHANGE ROLE – CHANGE MDP – SMALL OR LARGE 126
32.1. Application [6200 6210] 126
32.2. Conditions Precedent 126
32.3. Initiating Roles 126
32.4. FRMP Requirements 126
32.5. MC Requirements 126
32.6. Timeframe Rules 127
32.7. Objection Rules 127
32.8. Change Request Status Notification Rules 127

33. CHANGE ROLE – CHANGE MC – SMALL OR LARGE 129

33.1. Application [6300 6301] 129
33.2. Conditions Precedent 129
33.3. Initiating Roles 129
33.4. MC Requirements 129
33.5. Timeframe Rules 129
33.6. Objection Rules 130
33.7. Change Request Status Notification Rules 130

34. CHANGE ROLE – CHANGE LR – SMALL OR LARGE 131
34.1. Application [6400 6401] 131
34.2. Conditions Precedent 131
34.3. Initiating Roles 131
34.4. LR Requirements 131
34.5. Timeframe Rules 131
34.6. Objection Rules 132
34.7. Change Request Status Notification Rules 132

35. CHANGE ROLE – CHANGE LR – CHILD NMI – SMALL OR LARGE 133
35.1. Application [6421] 133
35.2. Conditions Precedent 133
35.3. Initiating Roles 133
35.4. LR Requirements 133
35.5. Timeframe Rules 133
35.6. Objection Rules 133
35.7. Change Request Status Notification Rules 134

36. CHANGE ROLE – CHANGE ROLR – SMALL OR LARGE 135
36.1. Application [6500 6501] 135
36.2. Conditions Precedent 135
36.3. Initiating Roles 135
36.4. ROLR Requirements 135
36.5. Timeframe Rules 135
36.6. Objection Rules 136
36.7. Change Request Status Notification Rules 136

37. CHANGE ROLE – CHANGE MPB OR MPC OR BOTH – SMALL OR LARGE 137
37.1. Application [6700 6701] 137
37.2. Conditions Precedent 137
37.3. Initiating Roles 137
37.4. MC Requirements 137
37.5. Timeframe Rules 137
37.6. Objection Rules 138
37.7. Change Request Status Notification Rules 138

38. CHANGE ROLE – CHANGE MULTIPLE ROLES – SMALL OR LARGE 139
38.1. Application [6800 6801] 139
38.2. Conditions Precedent 139
38.3. Initiating Roles 139
38.4. FRMP Requirements 139
38.5. MC Requirements 139
38.6. MDP Requirements 140
38.7. Timeframe Rules 140

38.8. Objection Rules 140
38.9. Change Request Status Notification Rules 141

39. AUTO CHANGE ROLE – CHANGE LOCAL RETAILER EMBEDDED NETWORK CHILD – SMALL OR LARGE 142
39.1. Application [ECLR] 142
39.2. Conditions Precedent 142
39.3. Timeframe Rules 142
39.4. Objection Rules 142
39.5. Change Request Status Notification Rules 142

40. AUTO CHANGE ROLE – CHANGE SECONDARY FRMP PARENT – SMALL OR LARGE 143
40.1. Application [EPFR] 143
40.2. Conditions Precedent 143
40.3. Timeframe Rules 143
40.4. Objection Rules 143
40.5. Change Request Status Notification Rules 143

41. AEMO ONLY – AEMO-INITIATED STANDING DATA UPDATES – SMALL OR LARGE 144
41.1. Application [5100 5101] 144
41.2. Conditions Precedent 144
41.3. Initiating Roles 144
41.4. AEMO Requirements 144
41.5. Timeframe Rules 145
41.6. Objection Rules 146
41.7. Change Request Status Notification Rules 146

42. AEMO ONLY – CHANGE ROLE, TNI OR DLF CODE – BULK CHANGE TOOL (BCT) – SMALL OR LARGE 147
42.1. Introduction 147
42.2. Conditions Precedent 147
42.3. Requesting Participant Requirements 148
42.4. Impacted Participant Requirements 148
42.5. MDP Requirements 148
42.6. Timeframe Rules 149
42.7. Objection Rules 149
42.8. Change Request Status Notification Rules 149

43. ACCESS TO CATS STANDING DATA 150
43.1. Introduction 150
43.2. Participant 150
43.3. Request a NMI Discovery Search 150

1. INTRODUCTION

1.1. Purpose and Scope

These are the MSATS Procedures – CATS Procedure Principles and Obligations made under clause 7.16.2 of the National Electricity Rules (**NER**) (**Procedures**).

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 with these Procedures.

1.3. Commencement of Changes

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

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

1.4. Related Documents

Title	Location
WIGS Procedures	http://www.aemo.com.au/Electricity/Policies-and-Procedures/Market-Settlement-and-Transfer-Solutions
MDM Procedures	http://www.aemo.com.au/Electricity/Policies-and-Procedures/Market-Settlement-and-Transfer-Solutions
Metrology Procedure: Part A	http://www.aemo.com.au/Electricity/Policies-and-Procedures/Metrology-Procedures-and-Unmetered-Loads
Metrology Procedure: Part B	http://www.aemo.com.au/Electricity/Policies-and-Procedures/Metrology-Procedures-and-Unmetered-Loads
CATS Hints and Tips	http://www.aemo.com.au/Electricity/Policies-and-Procedures/Market-Settlement-and-Transfer-Solutions/MSATS-CATS-Hints-and-Tips
~~Standing Data for NMI~~	
NMI Procedures	http://www.aemo.com.au/Electricity/Policies-and-Procedures/Retail-and-Metering/National-Metering-Identifier-Procedure
MSATS Participant User Interface~~Reference~~ Guides	http://www.aemo.com.au/Electricity/Policies-and-Procedures/Market-Settlement-and-Transfer-Solutions/MSATS-Participant-User-Interface-Guides
Standing Data for MSATS	http://www.aemo.com.au/Electricity/Policies-and-Procedures/Market-Settlement-and-Transfer-Solutions/Standing-Data-for-MSATS
Allocation of Embedded Network Codes	http://www.aemo.com.au/Electricity/Policies-and-Procedures/Retail-and-Metering/Allocation-of-Embedded-Network-Codes
Service Level Procedure (MDP)~~SLP – MDP~~	http://www.aemo.com.au/Electricity/Retail-and-Metering/Metering-Services

2. OBLIGATIONS BY ROLE

2.1. General Obligations

(a) Participants must select the most applicable Transaction Type 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.

(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 must not raise~~use~~ an Objection Code unless the Objection is fair and reasonable, f~~F~~or example, when an Objection is made using a specific Objection Code, the Participant who made the Objection must be able to produce evidence upon request to substantiate it.

(f) Participants must ensure that the transfer of a *NMI* from one FRMP to another FRMP is not delayed.

(g) Participants must ensure that CATS Standing Data is kept current and relevant for the *NMIs* they are responsible.

(h) Unless a different timeframe is specified in these Procedures, a Participant must update the CATS Standing Data within 20 *business days* of becoming aware that it is no longer current or relevant.

~~(i) Participants must respond to a Data Request from MSATS by initiating a Change Request containing the requested information within a reasonable time.~~

~~(j)~~(i) Participants may request reports from MSATS for the *NMIs* with which it has a relationship.

~~(k)~~(j) Participants must consider and action as necessary within two *business days* any requests from Particpants that they have been incorrectly assigned Roles.

2.2. Financially Responsible Market Participant

The New FRMP must:

(a) Nominate the MC in accordance with the ~~Rules~~NER.

~~(a)~~(b) Initiate a Change Request for the transfer of a *NMI* in accordance with the applicable Timeframe Rules. Subject to the Retrospective Periods and Prospective Periods ~~in MSATS~~, the New FRMP must initiate the transfer:

(i) Having the mandatory information required to initiate a valid transfer in MSATS; and

(ii) No later than two *business days* after the conclusion of the Cooling-Off Period.

~~(b)~~(c) Where Jurisdictions allow transfers to be raised within the Cooling-Off Period, ensure that a Change Request cannot Complete prior to the end of the Cooling-Off Period.

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

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

~~(e)~~(f) 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)~~(g) Adopt the Role of LR for *child connection points* where they are the FRMP of the Parent NMI.

~~(g)~~(h) Ensure that any Pending retail transfers are withdrawn within 210 *days* of the lodgement of the Change Request.

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

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

~~(k)~~(l) 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)~~(m) 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)~~(n) Consider and action as necessary within two *business days* any requests from incorrectly assigned Participants to correct the Participant allocation in MSATS.

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

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

(q) Update or provide the Customer Classification Code as the following:

~~(o)~~(i) ~~Update or provide the Customer Classification Code established in MSATS~~ 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*.

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

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

~~(r)~~(iii) ~~Update or provide the Customer Classification Code established in MSATS~~ within five *business days* of a End User~~Consumer~~ Transfer Change Request being Completed, where the Customer Classification Code has changed.

~~(s)~~(r) Inform the LNSP when a *connection point* is remotely *disconnected* or remotely *reconnected* unless the remote *disconnection* or remote reconnection has been performed by the LNSP.

2.3. Local Network Service Provider

The New LNSP must:

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

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

The Current LNSP must:

(c) Adopt the Role of ~~Metering Coordinator~~MC who appoints the MPB, MPC, and MDP as required by the NER.

(d) Allocate a NMI and NMI Checksum for each *connection point* in accordance with the NMI Procedures and clause ~~section 7.3.1(e)~~ 7.13.2 of the NER.

(e) Provide the ~~average daily load~~ADL to the Current MDP at the time of the creation of a NMI, or to the new MDP upon request.

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

(g) 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'~~, or 'R'~~.

(h) 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'.

(i) Provide DLF Codes and values to AEMO for the initial population of the DLF Code in MSATS.

(j) 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 a Accumulation Metered *connection point*.

~~(k) Update NMI Status Code to "R" within one *business day* of receiving advice of the *connection point* being remotely disconnected. The Proposed Change Date shall be the day after the remote disconnection.~~

~~(l)~~(k) 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.

~~(m) Update NMI Status Code to 'A' (Active) within one *business day* of receiving notification of the *connection point* being remotely *reconnected*. The Proposed Change Date shall be the day the *connection point* is remotely *reconnected*.~~

~~(n)~~(l) 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 a Accumulation Metered *connection point*.

~~(o)~~(m) Ensure that Network Tariff details for each NMI in its area are stored in the Network Tariff Code field at the Register ID level.

~~(p)~~(n) 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 NMI Discovery follow up request for this information from the New FRMP for a Site identified in the request by reference to any of the following:

- a unique meter identifier held by the LNSP; or
- a street address; or
- the 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.

~~(q)~~(o) 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 for the Site.

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

~~(s)~~(q) Consider and action as necessary within two *business days* any requests from other Participants to correct erroneous *NMI Standing Data*.

The Current LNSP may:

~~(t)~~(r) Update the Customer Threshold Code for *NMIs* with a Customer Classification Code of 'RESIDENTIAL'.

~~2.4. Local Retailer~~

~~The Current LR must provide access to Historical metering Data (up to 12 months or otherwise defined by the relevant Jurisdiction) to the newly Current FRMP for initial (1st to 2nd) transfer of the *NMI*. (After the transfer has been effected in CATS or as allowed by Jurisdictional requirements.)~~

~~2.5.~~2.4. Metering Data Provider

An MDP must:

(a) Use reasonable endeavours to provide metering data to the New FRMP within two *business days* of a request for this information from the New FRMP. ~~Timeframe Rules define the period for which *metering data* can be requested.~~

(b) Use reasonable endeavours to provide Historical ~~metering~~ Data to the Current FRMP within two *business days* of a request for this information from the Current FRMP. Historical ~~metering~~ Data is for a period of up to 12 months or otherwise as defined by the relevant Jurisdiction.

(c) Where an MDP is to update an interval ~~MDM~~ NMI Datastream status to I (Inactive) for a *connection point* that is de-energised, the Proposed Change Date must be the day after the *connection point* is de-energised. (The Datastream status is the key criterion used to include *metering data* in the *settlement* process).

(d) Where an MDP is to update a basic ~~MDM~~ NMI Datastream status to I (Inactive) for a *connection point* that is de-energised, the Proposed Change Date shall be the day the *connection point* is de-energised. (The Datastream status is the key criterion used to include *metering data* in the *settlement* process).

(e) Where an MDP is to update an ~~MDM~~ NMI Datastream status for either a basic or Interval Meter to A (Active) for a *connection point* that is re-energised, the Proposed Change Date must be day the *connection point* is re-energised. (The Datastream status is the key criterion used to include *metering data* in the settlement process).

The New MDP must:

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

(g) Configure the Datastream as active or inactive in accordance with the *metrology procedure*.

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

(i) Register individual Datastreams in MSATS as described in the NMI Procedure. ~~(Document No: ME_GN059v00x). (as amended from time to time).~~

(j) Subject to any applicable Jurisdictional restrictions, use reasonable endeavours to provide CATS Standing Data (other than *NMI* data access information) to the New FRMP within two *business days* of a request for this information from the New FRMP.

(k) 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:

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

(m) Obtain the ADL from the New LNSP or Current LNSP and enter the value into MSATS if the ADL has not been entered into MSATS.

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

(o) 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 5kWh and the newly calculated ADL is found to be still less than 5kWh there is no requirement for the MDP to update the ADL record within MSATS.

(p) For *metering installations* that are manually read (*NMIs* with a Metering Installation Type Code of BASIC, MRIM, or MRAM), update the Next Scheduled Read Date in MSATS within two *business days* of a *meter* being read.

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

~~(q)~~

~~2.6.~~2.5. Metering Provider – Category B

The New MPB must:

(a) 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.

(b) 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.

(c) 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:

(d) 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.

(e) Provide additional *metering installation* details to MSATS within two *business days* of receiving a Data Request.

(f) 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.

(g) 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.

~~(g)~~(h) Ensure the Meter Register Status Code is always updated to reflect the status of the *meter* ~~as per Table 4-J – Meter Register Status Codes~~.

~~2.7.~~2.6. ~~Metering Coordinator~~MC

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 (updating the Roles of MPB and MPC accordingly) 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.

~~(c) Inform the LNSP when a *connection point* is remotely *disconnected.*~~

The New MC must:

~~(d)~~(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.

~~(e)~~(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.

~~(f)~~(e) Ensure that the Meter Reading is available in relation to the Actual Change Date.

~~(g)~~(f) Ensure that the final Meter Reading is obtained in relation to a change of a relevant component of a *metering installation*.

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

~~(i)~~(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:

~~(j)~~(i) Subject to any applicable Jurisdictional restrictions, 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.

~~(k)~~(j) Ensure that any Meter Register data regarding the *metering installation* that is not recorded in MSATS is provided to the LNSP within five *business days* of request.

~~2.8.~~2.7. Retailer Of Last Resort

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 36.)

~~2.9.~~2.8. Second Network Service Provider

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.

~~2.10.~~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 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 ~~function provided by MSATS~~ 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 E~~e~~mbedded N~~n~~etwork Code~~names~~ that had been provided to AEMO by the ~~Parent's FRMP or the~~ LNSP within two *business days* of receipt.

(f) Maintain the TNI records in MSATS.

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

(h) Provide, on request from the New ENM, a set/range of *NMIs* and NMI Checksums 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* and NMI Checksums to that Current ENM for allocation by that ENM to the newly formed *child connection points*.

(j) Where required to Object to a Change Request, use the most appropriate Objection Code. If there is no Objection Code that describes the reason for the Objection, AEMO must use the BLOCK Objection Code.

AEMO may:

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

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

~~2.11.~~2.10. Embedded Network Manager

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

(a) Obtain a set/range of *NMIs* from AEMO.

~~(a)~~(b) Initiate a Create NMI Change Request. This must be done within two *business days* of the mandatory data required by the Change Request becoming available. This mandatory information includes ~~that~~ consent from a *retailer* to be nominated as the FRMP in MSATS has been obtained by the ENM prior to initiating the Change Request.

~~(b)~~(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.

~~(c)~~(d) Manage the distribution of *NMIs*

~~(d) Obtain a set/range of *NMIs* from AEMO.~~

~~(e)~~ Allocate a name to the ~~embedded network~~ 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).~~Allocate a name to the Parent Name and provide the name to AEMO (note: this only applies where a Child NMI is also the Parent NMI and AEMO needs to create an *embedded network* name in MSATS).~~

~~(f)~~(e) Allocate an existing E~~e~~mbedded N~~n~~etwork Code~~name~~ of a Parent NMI to to each Child NMI. ~~*child connection point*.~~

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

~~(g)~~(f) Allocate a *NMI* and NMI Checksum.

~~(h)~~(g) Provide the ADL to the Current MDP or the New MDP upon request.

~~(i)~~(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.

~~(j)~~(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'~~, or 'R'~~.

~~(k)~~(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 *distribution load factor* 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 a 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 a Accumulation Metered *child connection point*.

~~(p) Update Child NMI Status Code to "R" within one *business day* of receiving a notification of the *child connection point* being remotely *disconnected*. The Proposed Change Date shall be the day after the remote *disconnection*.~~

~~(q) Update the Child NMI Status Code to 'A' within *one business day* of receiving notification of the *child connection point* being remotely *reconnected*. The Proposed Change Date shall be the day the *child connection point* is remotely *reconnected*.~~

(p) Update Child NMI Status Code to "N" within five *business days* of the *connection point* no longer being settled in the *NEM*.

~~(r)~~(q) Update Child NMI Status Code from 'N' to 'A' when the *NMI* becomes on-~~-~~market.

~~(s)~~(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.

~~(t)~~(s) Subject to any applicable Jurisdictional restrictions, 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: or

(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.

~~(u)~~(t) 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 the Site identified in the request by reference to the *NMI* and NMI Checksum for the Site.

~~(v)~~(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.

~~(w)~~(v) Consider and action within any requests from other Participants to correct erroneous *NMI Standing Data two business days* of receiving the request.

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

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

3. CATS FUNCTIONALITY

3.1. Overview

(a) The operation of CATS is based on 14 different types of transactions, as shown in section 3.3~~4~~, and a separate RoLR function.

(b) Six transaction types are initiated by Participants, whilst eight are initiated by MSATS.

(c) The most significant transaction is the Change Request, which is used by a Participant when submitting new CATS Standing Data or changing existing CATS Standing Data.

(d) The Change Request has a life cycle in which it is created (Initiated) and terminated (Completed) in accordance with section 3.5.

(e) The Completion of a Change Request and the formation of a NMI Master Record occur simultaneously.

(f) The status of each Role on the NMI Master Record is classified as 'Current'. If the CATS Standing Data being changed by a Change Request is a Role, the status of each Role to be changed by the Change Request is classified as 'New'.

(g) A Change Request will be Completed ~~on~~at the latest of:

(i) The day after the nominated Actual Change Date, effective from the Actual Change Date; and

(ii) The day after the Objection Logging Period has been reached, no Objections currently exist~~s~~, and an Actual Change Date exists

~~(g) A Change Request will be Completed on the date nominated as the Actual Change Date, if this is a future date, or on the earliest date after the Objection Logging Period has been reached, or if the Actual Change Date is a Retrospective Day and all Objections have been removed.~~

(h) A Change Request that has been Initiated for the purpose of creating a *NMI* will use the date nominated as the Proposed Change Date to populate the Actual Change Date field to allow the Change Request to be Completed.

(i) A Change Request carries with it a set of CATS Standing Data items. The set of data items will vary with the transaction selected by the Participant initiating the Change Request. Each reason has a code (Change Reason Code), as detailed in section 4.2 and Table 4-1.

(j) The Change Reason Codes have been separated into groups of events for the purpose of these Procedures, as shown in Table 3-2. Obligations imposed on Participants in regard to Change Reason Codes are contained in sections 0 to 0.

(k) The next most significant transaction is the NMI Discovery Search. This transaction will be used by a Participant when undertaking a search of the CATS Standing Data, as specified in section~~chapter~~ 0.

(l) The RoLR functionality within MSATS is detailed in section 0.

3.2. Principles

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

(a) Current and New Roles will be notified of a change in the status of the Change Request in accordance with the Change Request Notification~~s~~ Rules.

(b) A Change Reason Code will contain rules that specify which Participant(s) must provide the data for the Change Request and when the data is required.

(c) A Change Reason Code will contain rules specifying which data will be present in the NMI Master Record before the Change Request can be Completed.

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

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

(f) If an Objection to the change of *retailer* transaction is submitted by a Participant within the Objection Logging Period, the transfer will not proceed until the Objection is cleared. If the objection is not cleared, the transfer transaction will expire and be Cancelled and all relevant Participants will be notified.

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

(h) If there are no outstanding Objections to a current change of *retailer* transaction after the Objection Logging Period has passed, the Change Request will proceed to Completed and the information contained in the transaction will become the NMI Master Record.

(i) Jurisdictions will specify rules to control who is allowed to Object to a Change Request, the reason for the Objection and the NMI Classification Code to be assigned to that Objection.

(j) After a *NMI* is created, and prior to the Actual Change Date, the *meter(s)* and default ~~MDM~~ NMI Datastreams may be set up by whoever is nominated as the default party, even if it is NMI for a Tier 1 Site and not needed for *profiling* (in accordance with Jurisdictional requirements).

(k) After a *NMI* is created, and prior to the Actual Change Date, if a Datastream is not set up the entry of the *NMI* into MSATS should not be delayed.

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

3.3. Transaction Types

(a) The types of transactions performed by MSATS are specified in Table 3-1.

(b) The codes and rules associated with the Change Request transaction are provided in section 0.

(c) The codes and rules associated with all other transaction types are provided in section 0.

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

Table 3-1 – MSATS Transaction Type Codes

Code	Name of Transaction Type	Initiated by	Description
CR	Change Request	Participant	Used to initiate a Change Request. Submitted by a Participant anytime they wish to create or update any standing data.
NOT	Change Request Status Notification	MSATS	Notifies a Participant of a Change Request's change in status in accordance with the applicable Change Request Status Nofification Rules.
RDAT	Request for Participant data	MSATS	A request by ~~CATS~~ MSATS to a Participant for provision of the necessary ~~*NMI Standing Data.*~~data in a Change Request in accordance with the applicable Field Validation Rules it that data is not already contained in the NMI Master Record.
OBJ	Objection	Participant	A Participant can raise an Object~~s~~ion to a Change Request in accordance with the applicable Objection Rules. Other Participants will be informed in accordance with the applicable Change Request Status Nofification Rules.
WCR	Change Request withdrawal	Participant	The initiating Participant ~~wants to~~may Cancel a Change Request at any time prior to Completion. Other Participants will be informed in accordance with the applicable Change Request Status Nofification Rules.
WOBJ	Objection Withdrawal	Participant	The initiating Participant ~~wants to~~may withdraw an Objection.
NMID	NMI Discovery Request	Participant	A Participant wants to view CATS ~~*NMI*~~ Standing Data. Further particulars of the search types can be found in section 41.
NMIR	NMI Discovery Response	MSATS	MSATS sends a Participant information about a ~~*NMI* or an error if the~~ NMI Discovery Search ~~didn't work~~.
CRR	Change Request Response	MSATS	MSATS response~~ds~~ to a Change Request with an approval or rejection as it reaches the Pending Validation status.

Code	Name of Transaction Type	Initiated by	Description
OBJR	Objection Response	MSATS	MSATS respon~~d~~es to an Objection with an approval or rejection. Other Participants will be informed in accordance with the applicable Change Request Status Nofification Rules.
ACK	Acknowledgment	MSATS	MSATS responds to ALL transactions with an acknowledgment of receipt.
CODE	Codes Update	MSATS	MSATS notifies Participants of any changes to codes, rules ~~and~~ or Participant data.
RPTR	Report Request	Participant	Participant requests a report.
RPTD	Report Data	MSATS	The data generated by a report request.

3.4. Change Requests

(a) A Change Request is the facility by which a Participant interacts with MSATS in order to effect a change in data to some or all aspects of information regarding an End User *connection point* prior to a transfer, during a transfer, or after a transfer has been Completed.

(b) Information about an End User's *connection point* includes the names and Roles of organisations that provide a *connection point* service to the End User, the technical details associated with the End User's *metering installation* and specific information that would assist *retailers* in providing competitive offers to End Users.

(c) A Change Request is Initiated by selecting the Transaction Type Code CR, and the appropriate Change Reason Code. The Participant must select the Change Reason Code that most appropriately reflects the reasons for the change. The assignment of the Change Reason Codes to various types of events is provided in Table 3-2. A description of the Change Reason Codes is provided in Table 4-1, and in each section to which the Change Reason Code applies.

(d) The completion of a Change Request by submitting all required data can be performed in either an on-line interactive mode or an off-line batch mode.

(e) Only one *NMI* is allowed on one Change Request. However, there can be multiple *NMI* suffixes and multiple Meter Serial IDs assigned to the one Change Request.

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

(g) When using the batch process, MSATS will respond to the submission of a Change Request once validation is complete, with an approval or a Rejection using Transaction Type Code CRR.

(h) A Change Request can be withdrawn by the Participant who Initiated the Change Request up until the time the Change Request is Completed.

(i) The Change Reason Code will govern which data items are available to the Participant when initiating the Change Request.

(j) Within certain Change Reason Codes, data items associated with address information are provided as mandatory and optional. Mandatory address information specified as locality, state and postcode, where 'locality' has the same meaning as 'suburb'. Optional address information is given in either structured or unstructured format. Section 0.3 provides additional information about address data items.

(k) A Change Request can only be assigned one DLF Code.

Table 3-2 – Assignment of Change Reason Codes to Events

Group of events	Description of event	Change Reason Code Assignment
Change Retailer	SMALL NMI	1000, 1010, 1030, 1040, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029
	LARGE NMI	1000, 1020, 1030, 1040,
	Embedded network SMALL & LARGE	1080, 1081, 1082, 1083, 1084

Group of events	Description of event	Change Reason Code Assignment
Provide Data	Provide Actual Change Date SMALL & LARGE (for CR 1000, 1030, 1080, 1083, 1010, 1040, 1081, 1084, 6800, 6801)	1500
Create NMI	Create a *NMI* SMALL & LARGE	2000, 2001
	~~Create a *NMI* (Tier 1)~~	~~2003~~
	Create a Child NMI SMALL & LARGE	2020, 2021
	Create *NMI*, *metering installation* details & ~~MDM~~ NMI Datastream SMALL & LARGE	2500, 2501
	Create NMI, *metering installation* details & MDM datastream – Child NMI SMALL & LARGE	2520, 2521
Maintain Metering	Create *metering installation* details SMALL & LARGE	3000, 3001
	~~Create *metering installation* details (Tier 1)~~	~~3003~~
	Exchange of Metering Information SMALL & LARGE	3004, 3005
	Change *metering installation* details SMALL & LARGE	3050, 3051
	~~Change *metering installation* details (Tier 1)~~	~~3053~~
	Advanced Change Metering Installation Details SMALL & LARGE	3080, 3081
	Advanced Meter Exchange SMALL & LARGE	3090, 3091
	Change Network Tariff Code SMALL & LARGE	3100, 3101
Maintain Datastream	Create ~~MDM~~ NMI Datastream SMALL & LARGE	4000, 4001
	~~Create MDM NMI Datastream (Tier 1)~~	~~4003~~
	Exchange of Datastream Information SMALL & LARGE	4004, 4005
	Change ~~MDM~~ NMI Datastream SMALL & LARGE	4050, 4051
	~~Change Tier 1 Datastream Details~~	~~4053~~
Maintain NMI	Update NSRD SMALL & LARGE	5070, 5071
	Change a *NMI* SMALL & LARGE	5050, 5051
	~~Change a *NMI* (Tier 1)~~	~~5053~~
	Change *NMI* – Customer Classification Code	5054, 5055
	Change Child NMI SMALL & LARGE	5060, 5061
	Backdate *NMI* start date	5001
	Backdate Child NMI Start Date	5021
	Change Parent Name SMALL & LARGE	5080, 5081
	Make a *NMI* a Child NMI	5090, 5091
Change Role	Change LNSP SMALL & LARGE	6100, 6110
	Change MDP SMALL & LARGE	6200, 6210
	Change MC SMALL & LARGE	6300, 6301
	Change Local Retailer SMALL & LARGE	6400, 6401
	Change Local Retailer Child NMI SMALL & LARGE	6421
	Change RoLR SMALL & LARGE	6500, 6501
	Change Metering Provider SMALL & LARGE	6700, 6701
	Change Multiple Roles SMALL & LARGE	6800, 6801
System	Change of Child Local Retailer (Auto)	ECLR
	Change of Secondary FRMP – Parent (Auto)	EPFR
AEMO only	Invoke Retailer of Last Resort	RoLR
	Invoke Bulk Change Process	BCxx
	AEMO-Initiated standing data updates	5100, 5101
Manage External Profiles	Create External Profile (1)	2100, 2101
	Change External Profile (1)	5110, 5111

Note (1): Refer to Section 7 in the WIGS Procedures for details on these Change Reason Codes.

3.5. Change Request Status Life Cycle

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

(b) During its life cycle, a Change Request may have the status of:

(i) Initiated;

(ii) Pending Validation;

(iii) Rejected;

(iv) Requested;

(v) Objected;

(vi) Pending;

(vii) Completed;

(viii) Cancelled.

(c) Initiation is the first status of a new Change Request. During this status, the initiating Participant will select an appropriate Change Reason Code, populate the Change Request with the data permitted by the Change Reason Code, and then submit the Change Request to MSATS. The submission can be through the interactive screen or by a batch process.

(d) MSATS will then validate the Change Request prior to transferring the Change Request to the Pending Validation status.

(e) The Pending Validation status commences after the Change Request has passed initial validation for entry into MSATS. However, not all the data that is required to initiate the transaction may be present in MSATS. If mandatory data is missing from the Change Request, the Change Request will be Rejected. If the missing data is for the NMI Master Record, a Data Request will be sent to the nominated Participant, and MSATS will check for the receipt of that data. There is no time limit imposed by MSATS for the provision of this data, however, the Participant that receives the Data Request must respond in a reasonable time. The Change Request will be approved only after all required data has been submitted.

(f) The Rejected status occurs where a Change Request has failed validation. This can occur:

(i) During the validation of a Change Request whilst it is at the Pending Validation status; or

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

When a transaction has been Rejected, all Participants associated with the transaction will be notified in accordance with the Change Request Status Notification Rules.

(g) The Requested status is where a transaction has been validated, i.e. there is no missing data. Notifications of the Requested transaction are sent to the relevant Participants. The Objection Logging Period and Objection Clearing Periods have been identified. Any Objections received are validated against the Objection Rulesor no Objections have been submitted.

(h) The Objected status occurs where one or more Objections have been received. Notifications of the Objection/s are sent to the relevant parties. This includes details of the Objection/s and whether the transaction was already being Objected to. When an Objection is withdrawn, the relevant parties will be notified of the details of the withdrawn Objection. When the last Objection is withdrawn, the transaction status changes back to Requested, unless the Objection Logging Period has expired, in which case it will move to Pending status. If the Objection Clearing Period has expired and an Objection that is subject to the Objection Logging Period has not been withdrawn the status will be changed to Cancelled.

(i) The Pending status is where no Objections have been received, or all Objections have been withdrawn and the Objection period has passed. The transaction is waiting for the change date to be reached. If the Proposed Change Date is reached and all required data is present, the status will change to Completed. The status will remain Pending whilst any required data remains outstanding or an Objection that is not subject to the Objection Logging Period is not raised. Notifications are sent to the relevant Participants in accordance with the Change Request Status Notification Rules.

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

(k) The Cancelled status occurs where:

(i) Not all Objections have been withdrawn at expiry of the Objection Clearing Period; or

(ii) The initiator of the Change Request has withdrawn the transaction.

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

3.6. Transaction Validation

(a) A Change Request that has been Initiated by a Participant will undergo several validations by MSATS prior to being accepted to the Requested status.

(i) The first validation will check that any code or date in the Change Request is in accordance with the codes and rules look-up tables. Validation will be performed on the data contained in the following data items:

(A) Change Request ID;

(B) Jurisdiction;

(C) Role ID;

(D) NMI Status Code;

(E) Read Type Code;

(F) Change Request code;

(G) TNI Code;

(H) DLF Code;

(I) Metering Installation Type Code;

(J) Parent Name;

(K) Child Name; and

(L) Proposed Change Date.

(ii) The second validation will check for valid Change Reason Codes and Field Validation Rules. Validation will be performed against the following codes and rules:

(A) Change Reason Codes, as per Table 4-1;

(B) Field Validation Rules: RI, OI, RQ, RD, RA.

(iii) A third validation will check the *NMI* characters against the NMI Checksum.

(iv) A fourth validation will check that the Participant who Initiated the Change Request is an active Participant and able to act in the Role that can initiate the transaction. Validation will be performed on the data contained in the following data items:

(A) Participant ID;

(B) Participant Status.

(C) Participant Roles

(v) A fifth validation will check that the Proposed Change Date and the Actual Change Date are within the range allowed by the Change Reason Code.

(vi) A sixth validation will check the Proposed Change Date, the Actual Change Date and the Actual End Date against the Timeframe Rules.

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

(i) General conditions against which a validation of an Objection is performed are as follows:

(A) The Participant~~person~~ submitting the Objection is an active Participant;

(B) The Objection is not a duplicate of an existing Objection by that Participant;

(C) The Role of the Participant is in accordance with the Objection Rules;

(D) The Objection is linked to an active Change Request ID;

(E) The status of the Change Request is either Requested or Objected.

(ii) Rule-based conditions against which a validation of an Objection is performed are as follows:

(A) The Participant can make the Objection in accordance with its status.

(B) The Objection Code is permitted for the Role .

(iii) The Change Request is within its Objection Logging Period.

(iv) The Change Request is valid (PEND, REQ, OBJ) for Objections that are not subject to the Objection Logging Period.

(c) A Change Request will be validated for information regarding *embedded networks* as follows:

(i) The Embedded Network Codes will be checked against a list of codes contained in MSATS.

(ii) Parent Names and Child Names will be checked to ensure that they are identical;

(iii) The Child NMI being submitted will be checked against the Parent NMI;

(iv) A check will be performed for circular relationships;

(v) Prevent changes of the LR from being effected on a Child NMI;

(vi) Check that if a Parent NMI is not active that there are no active Child NMIs.

(d) After the Change Request has been submitted, any subsequent Change Request submitted by the initial Participant to change the data on the Change Request will be validated, as follows:

(i) The *NMI* on the subsequent Change Request will be checked against the *NMI* on the initial Change Request.

(ii) The Participant ID on the subsequent Change Request will be checked against the Participant ID on the initial Change Request.

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

3.7.1. Retrospective Changes

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

(a) For a Retrospective Change, the Proposed Change Date must either be the date of the Change Request or a date in the past and within the number of days allowed by the Timeframe Rules / Change Reason Code / NMI Classification Code on this Change Request. The maximum number of days is the value stored in Retrospective Days. At present, the maximum number of days in the past for any Role Change Request is 130 *business days*, the maximum number of days in the past for changing *NMI Standing Data* is 140 *business days*.

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

~~(b)~~

(c) Table 3-3 lists Retrospective Change Reason Codes.

Table 3-3 – Retrospective Change Reason Codes

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

3.7.2. Prospective Changes

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

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

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

Table 3-4 – Prospective Change Reason Codes

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

4. CATS CODES AND RULES FOR A CHANGE REQUEST

4.1. Introduction

(a) This section specifies the codes and rules that apply when a Participant submits a Change Request to, or seeks access to CATS Standing Data.

(b) MSATS contains the following codes and rules that apply to Change Requests:

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

4.2. Change Reason Code

(a) 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) The Change Reason Codes and a brief description of each are provided in Table 4-1.

Table 4-1 – Change Reason Codes

Code	Description	Initiating Participant ~~who~~
1000	Change Retailer	New FRMP
1010[(1)]	Change Retailer – Retrospective – Align to Meter Reading	New FRMP
1020[(4)]	Change Retailer–Retrospective –Long Term/Error (not SMALL)	New FRMP
1021	Error Correction – Missed CR 1500	New FRMP
1022	Incorrect transfer date	New FRMP
1023	New *NMI* – LNSP set up wrong *retailer* in MSATS	New FRMP
1024	Transfer missed	New FRMP
1025	Transferred in error	New FRMP
1026	Cooled Off	New FRMP
1027	Customer Moves Out on or before CR completion date	New FRMP
1028	Non-account holder signs contract	New FRMP
1029	Other Error Corrections (SMALL only)	New FRMP

Code	Description	Initiating Participant ~~who~~
1030	Change Retailer – Move-In	New FRMP
1040	Change Retailer – Move-In – Retrospective	New FRMP
1080	Change Retailer – Child NMI	New FRMP
1081[(1)]	Change Retailer – Child NMI – Retrospective Align Meter Reading	New FRMP
1082	Change Retailer Child – Retrospective Long Term / Error	New FRMP
1083	Change Retailer Child NMI – Move In	New FRMP
1084	Change Retailer Child NMI – Move In – Retrospective	New FRMP
1500	Provide Actual Change Date	New and Current MDP
2000	Create *NMI* Details	New LNSP
2001	Create *NMI* Details – Retrospective	New LNSP
~~2003~~	~~Create *NMI* Details – Retrospective (Tier 1 Only)~~	~~New LNSP~~
2020	Create *NMI* Details –Child	New ENM
2021	Create NMI Details –Child – Retrospective	New ENM
5050	Change *NMI* Details	Current LNSP
5051	Change *NMI* Details – Retrospective	Current LNSP
~~5053~~	~~Change *NMI* Details – Retrospective (Tier 1 Only)~~	~~Current LNSP~~
5001	Backdate *NMI* Start Date	AEMO or LNSP
5021	Backdate *NMI* Start Date – Child	AEMO or ENM
5054	Change *NMI* Details – Customer Classification Code	Current FRMP
5055	Change *NMI* Details – Customer Classification Code – Retrospective	Current FRMP
5060	Change *NMI* Details – Child	Current ENM
5061	Change *NMI* Details – Child – Retrospective	Current ENM
5070	Update Next Scheduled Read Date	Current MDP
5071	Update Next Scheduled Read Date – Retrospective~~ly~~	Current MDP
5080	Change Parent Name	Current FRMP or Current LNSP
5081	Change Parent Name – Retrospective	Current FRMP or Current LNSP
5090	Make a *NMI* a Child NMI	New ENM
5091	Make a *NMI* a Child NMI – Retrospective	New ENM
5100	5100 – Change *NMI* Details – Prospective (AEMO only)	AEMO
5101	5100 – Change *NMI* Details – Retrospective (AEMO only)	AEMO
2100	Create External Profile Shape	New AEMO
2101	Create External Profile Shape – Retrospective	New AEMO
5110	Change External Profile Shape	Current AEMO
5111	Change External Profile Shape – Retrospective	Current AEMO
2500	Create *NMI*, ~~MDM~~ NMI Datastream & *metering installation* details	New LNSP
2501	Create *NMI*, ~~MDM~~ NMI Datastream & *metering installation* details – Retrospective	New LNSP
2520	Create NMI, MDM Datastream & Metering Installation Details – Child NMI	New ENM
2521	Create NMI, MDM Datastream & Metering Installation Details – Child NMI – Retrospective	New ENM
3000[(3)]	Create *metering installation* details	Current MPB
3001[(3)]	Create *metering installation* details – Retrospective	Current MPB
~~3003[(3)]~~	~~Create Meter Details – Retrospective (Tier 1 Only)~~	~~Current MPB~~
3004[(3)]	Exchange of Metering Information	Current MPB
3005[(3)]	Exchange of Metering Information – Retrospective	Current MPB
3050[(3)]	Change *metering installation* details	Current MPB
3051[(3)]	Change *metering installation* details – Retrospective	Current MPB

Code	Description	Initiating Participant ~~who~~
~~3053~~	~~Change *metering installation* details – Retrospective (Tier 1 Only)~~	~~Current MPB~~
3080	Advanced change *metering installation* details	Current MC
3081	Advanced change *metering installation* details – Retrospective	Current MC
3090[(3)]	Advanced Meter Exchange	Current MC
3091[(3)]	Advanced Meter Exchange – Retrospective	Current MC
3100	Change Network Tariff Code	Current LNSP
3101	Change Network Tariff Code – Retrospective	Current LNSP
4000[(2)]	Create ~~MDM~~ NMI Datastream Details	Current MDP
4001[(2)]	Create NMI ~~MDM~~ Datastream Details – Retrospective	Current MDP
~~4003[(2)]~~	~~Create NMI MDM Datastream – Retrospective (Tier 1 Only)~~	~~Current MDP~~
4004[(2)]	Exchange of Datastream Information	Current MDP
4005[(2)]	Exchange of Datastream Information – Retrospective	Current MDP
4050[(2)]	Change NMI ~~MDM~~ Datastream Details	Current MDP
4051[(2)]	Change NMI ~~MDM~~ Datastream Details – Retrospective	Current MDP
~~4053[(2)]~~	~~Change NMI MDM Datastream Details – Retrospective (Tier 1 Only)~~	~~Current MDP~~
6100	Change LNSP	New LNSP
6110	Change LNSP – Retrospective	New LNSP
6200	Change MDP	Current FRMP or Current MC
6210	Change MDP – Retrospective	Current FRMP or Current MC
6300	Change MC	New MC
6301	Change MC – Retrospective	New MC
6400	Change LR	New LR
6401	Change LR – Retrospective	New LR
6421	Change LR – Retrospective – Child NMI	New LR
6500	Change RoLR	New RoLR
6501	Change RoLR – Retrospective	New RoLR
6700	Change MP	Current MC
6701	Change MP – Retrospective	Current MC
6800	Change Multiple Roles SMALL	Current FRMP or Current MC
6801	Change Multiple Roles LARGE	Current FRMP or Current MC
BCxx	Invoke Bulk Change Process	AEMO
ROLR	Invoke Retailer of Last Resort	AEMO
ECLR	Change of Local Retailer – Child (Auto)	AEMO / MSATS
EPFR	Change of Secondary FRMP – Parent (Auto)	AEMO / MSATS

Note (1): Likely to be used with Read Type Codes PR, CR or ER.
Note (2): A single Change Request using these Change Reason Codes may be populated with multiple *NMI* suffixes.
Note (3): A single Change Request using these Change Reason Codes may be populated with multiple Meter Serial ID's.
Note (4): "not SMALL" means LARGE, WHOLESAL, INTERCON, GENERATR or SAMPLE NMIs.

4.3. Role Codes

(a) A Role Code identifies the type of association that a Participant has with a *NMI*.

(b) Roles are used to define:

(i) Participants that can initiate a Change Request;

(ii) Participants to supply data when it is needed to Complete a Change Request;

(iii) Change Request Status Notification Rules;

(iv) Objection Rules; and

(v) Access rights to CATS Standing Data.

(c) The Role Codes are specified in Table 4-2.

Table 4-2 – Role Codes

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

4.4. Change Request Initiation Rules

(a) The Initiation Rules specify the Roles ~~and Role Status that are~~ permitted to Initiate Change Requests.

(b) The NMI Master Record will contain each 'Current' Role for each *NMI*.

(c) A Change Request may be Initiated by both 'New' or 'Current' Roles.

(d) Only a 'New' Role can be entered on a~~n~~ Change Request.

(e) The Initiation Rules for each Change Reason Code are listed in the section to which the Change Reason Codes are detailed.

4.5. Jurisdiction Codes

(a) The Jurisdiction Code identifies the Jurisdiction in which a *NMI* is situated.

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

(c) The Role Codes are specified in Table 4-3.

Table 4-3 – Jurisdiction Codes

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

4.6. Timeframe Rules

(a) The Timeframe Rules specify whether a Jurisdiction, Change Reason Code and NMI Classification Code are a valid combination.

(b) For any Change Reason Code, the Timeframe Rules specify:

(i) Whether the Change Reason Code can be used to~~for~~ make a Prospective Change or Retrospective Change;

(ii) The number of days into the future (Prospective Days) or the past (Retrospective Days) that are allowable for the Proposed Change Date;

(iii) The number of days allowed for Objections (Objection Logging Period), which commences from the next *business day* after the date that the Change Request is Initiated. An Objection Logging Period of zero (0) means that no Objections are allowed; and

(iv) The number of days after which a Change Request that has been Objected to will be Cancelled (Objection Clearing Period), which commences from the next *business day* after the date that the Change Request is Initiated.

(c) The Timeframe Rules may be specified by Jurisdiction.

(d) Unless stated otherwise, the Timeframe Rules for a Change Reason Code apply to all Jurisdictions.

4.7. Objection Codes

(a) The Objection Codes are the only basis on which Participants can Object to a Change Request.

(b) The Objection Codes are applied to each Jurisdiction and each Change Reason Code in accordance with the Objection Rules.

(c) The Objection Codes are specified in Table 4-4.

Table 4-4 – Objection Codes

Code	Description
BADDATA	Used by a Participant to indicate the standing data in the change request or the NMI Master Record is incorrect (e.g. Meter Serial ~~number~~ID). If the Participant role is incorrect; use NOTRESP.~~The *NMI Standing Data* is incorrect (either on the Change Request or on the NMI Master Record).~~ ~~This code should be used to register an Objection for any incorrect data excluding the Current Role, e.g. where the Meter Serial ID is incorrect. If the Participant nominated in the Current Role is incorrect, they should use the NOTRESP Objection Code.~~
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*. Used by the MDP at a Greenfield NMI were the LNSP updates the NMI status to 'A' before the MP has created the metering installation.
BADPARTY	Used by the MC when the MDP or MP nominated on a change retailer request 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.~~Nominated MDP or MP is incorrect~~ ~~For use by the New MC on retail transfer type transactions where the FRMP has nominated the wrong MDP or MP (i.e. not the one required to be nominated by the MC).~~ ~~Or~~ ~~The nominated MDP or MP does not have the capability or capacity to be appointed in the Role proposed.~~
DATEBAD ~~(1)~~	Used by the MDP for *meter installation* types 4A, 5 and 6 to inform the FRMP that the proposed date in the Change Request does not align with the date the Metering Reading is scheduled to be taken. Used by the Current FRMP, or MDP for retrospective change of *retailer* requests where one or both of the Proposed Change Date, or Actual End Date is incorrect.~~Used where the date of change nominated for a change of *retailer* does not align with a proposed or Actual Meter Reading for a type 4A, 5 or 6 *metering installations only*.~~
DEBT	Used by the Current FRMP for change retailer requests, were there is an aged debt reaching Jurisdictional limits.~~Aged debt meeting Jurisdictional limit~~
DECLINED	Used by a Participant who does not wish to perform the Role for which ~~they were~~it is nominated in the Change Request.~~Identified Participant declines to perform requested service~~ ~~For use by a Participant who does not want to perform the Role for which they have been nominated.~~
NOACC (1~~2~~)	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.~~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.~~

Code	Description
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.~~Not Approved to operate in the LNSP area.~~ ~~The MP is not accredited or authorised to operate in an LNSP area. The same Objection could be used for any Participant who is not approved to operate in a particular Jurisdiction.~~ ~~To be used by the LNSP only.~~
NOTPRUD	No prudential approval. AEMO has not approved the transaction for prudential reasons.~~No prudential approval.~~ ~~AEMO has not approved the transaction for prudential reasons.~~
NOTRESP	Not responsible for *NMI* in the identified Role. For use by a nominated Participant to Object on the basis that they are not responsible in the Role in which they are nominated.~~Not responsible for *NMI* in the identified Role.~~ ~~For use by a nominated Participant to Object on the basis that they are not responsible in the Role in which they are nominated.~~
RETRO	Participant does not agree to a Retrospective Change.
BLOCK	AEMO Objection to the transaction either at the request of a Jurisdiction or for operational reasons.
CONTRACT	Must only be used where an existing contractual obligation takes precedence over the proposed change and: • a FRMP transfer is sought, in Queensland only, prior to the termination or end date of a term contract for the supply of electricity; or • A change of MC is proposed and the Current MC has been appointed in the Role of MC by a large End User.
NOTRANS	Used by the Current FRMP and only applies to retrospective change of *retailer* requests. A check of ~~their~~ records shows no previous change of *retailer* request exists for the error correction change of *retailer*.~~Used by the Current FRMP after a check to find out if there was a previous retail transfer in MSATS for the *NMI* that now requires an error correction transaction and no record of a previous retail transfer is found.~~
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.~~Used by the Current FRMP when no communication has been received from the new FRMP confirming that an error correction transaction will be processed.~~
CRCODE	Can be used if the Change Reason Code being used does not apply to the *NMI* concerned.

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.~~Note (1): This could be used as a result of a PR Read Type Code, where the Proposed Change Date (being the retrospective previous read) does not align with the Actual Meter Read Date held by the MPB or MDP.~~

~~Note (2): Objections for "NOACC" are not subject to Objection Logging Periods or Objection Clearing Periods. A valid Actual Change Date being entered against a Change Request with an Objection of "NOACC" will withdraw any "NOACC" Objections.~~

4.8. Objection Rules

(a) The Objection Rules specify the way in which Objection Codes can be used for each Change Reason Code~~,~~ and Role ~~and Role Status~~.

(b) The Objection Rules for each Change Reason Code are listed in the section to which the Change Reason Code applies.

(c) Unless stated otherwise, Objection Rules apply in every Jurisdiction.

4.9. NMI Classification Codes

(a) The NMI Classification Code enables MSATS to be informed of the nature of the flow of electricity at the *connection point* to which the *NMI* information applies.

(b) 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.

(c) The NMI Classification Codes 'LARGE' and 'SMALL' are based on the total annual load of the *NMI* ~~(not the Site)~~ as per Table 4-5.

~~(d) The NMI Classification Codes are specified in Table 4-E.~~

Table 4-5 – NMI Classification Codes

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

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

4.10. End User Classification

4.10.1. Customer Classification Code

(a) The FRMP must update an End User's Customer Classification Code

(b) The Customer Classification Code relates to an End User, or previous End User, at a *NMI* and not the *connection point*.

(c) The Customer Classification Codes are specified in Table 4-6.

Table 4-6 – Customer Classification Codes

Code
BUSINESS
RESIDENTIAL

4.10.2. Customer Threshold Code

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

(b) The Customer Threshold Code is mandatory for all *NMIs* with a NMI Status Code of 'A', 'D', or 'R' and a Customer Classification Code of 'BUSINESS'.

(c) The Customer Threshold Codes are specified in Table 4-7.

Table 4-7 – Customer Threshold Codes

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

4.11. Status Codes (NMI and Datastream)

4.11.1. NMI Status Codes

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

(b) The NMI Status Codes are ~~A, D, G, R, N and X and~~ are defined in Table 4-8.

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

Table 4-8 – 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 physically.
X	Extinct NMI	Applies when the *network connection* has been permanently removed from the *connection point*. Under this condition the existing *NMI* will not be reallocated to any other *connection point* in the future. A *NMI* with this status can never be transferred.
G	Greenfield site NMI	Applies to~~Denotes~~ 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'.
~~R~~	~~Remotely disconnected NMI~~	~~Applies when the *NMI* exists in MSATS and the *connection point* is remotely disconnected~~
N	Off Market Child NMI	Applies when a *child connection point* is no longer settled in the *NEM*

4.11.2. Datastream Status Codes

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

(b) The Datastream Status Codes in MSATS are A and I, as defined in Table 4-9.

Table 4-9 – Datastream Status Codes

Code	Name of code	Description of code
A	Active NMI ~~MDM~~ Datastream	Applies when an NMI ~~MDM~~ Datastream is to be used in *settlements*.
I	Inactive NMI ~~MDM~~ Datastream	Applies when the NMI ~~MDM~~ 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 ~~Site~~ NMI must be 'A' when the *NMI* is energised.

~~(d) D, G and X must not be used as Datastream Status Codes.~~

4.11.3. Meter Register Status Codes

(a) The Meter Register Status Codes denote the status of the *meter* in MSATS~~the *NEM*~~.

(b) The only Meter Register Codes are C and R, as defined in Table 4-10.

Table 4-10 – Meter Register Status Codes

Code	Name of code	Description of code
C	Current	Applies when a *meter* at the *NMI* is current.
R	Removed	Applies when a *meter* at the *NMI* is removed.
D	Remotely Disconnected	Applies when a meter at the *NMI* is *remotely disconnected*.

(c) If the MeterInstallCode is COMMSx, MRIM, MRAM, VICAMI, or UMCP:

(i) DataStreamType must be I or P (P – Sample *meters* only)

(ii) ProfileName must be NOPROF

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

(d) If the MeterInstallCode is BASIC:

(i) DataStreamType must be C

(ii) In Victoria, Tasmania and ACT, ProfileName must be NSLP

(iii) In NSW, QLD and SA, ProfileName must be NSLP or the relevant Controlled Load Profile

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

4.11.4. Register Identifier Status Codes

(a) The Register Identifier Status Code indicates if a Meter Register is active.

(b) The Register Identifier Status Codes are C and R and are defined in Table 4-11.

Table 4-11 – 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*.

4.12. Metering Installation Type Codes

(a) The Metering Installation Type Code identifies the type of *metering installation* as specified in the NER.

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

~~(c) In the case of Interval Meters, the Manually Read Flag indicates that the date of change must be manually supplied to CATS in accordance with a Field Validation Data Request.~~

~~(d)~~(c) The Metering Installation Type Codes are specified in Table 4-12.

Table 4-12 – Metering Installation Type Codes

Code	Description	Manually Read Flag
BASIC	Basic Consumption Meter – Type 6	Y
COMMS1	Interval Meter with communications – Type 1	Y
COMMS2	Interval Meter with communications – Type 2	Y
COMMS3	Interval Meter with communications – Type 3	Y
COMMS4	Interval Meter with communications – Type 4 (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)	Y
COMMS4D	Whole current *metering installation* that meets the *minimum services specifications*~~Whole Current small customer *metering installation* that meets the *minimum services specification*~~	Y
COMMS4C	~~Current Transformer~~CT connected *metering installation* that meets the *minimum services specifications*~~Current Transformer connected *small customer metering installation* that meets the *minimum services specification*~~	Y
MRAM	*small customer metering installation* – Type 4A	Y
VICAMI	a relevant *metering installation* as defined in clause 9.9C of the NER.	Y
MRIM	Manually Read Interval Meter – Type 5	Y
UMCP	Unmetered Supply – Type 7	N
PROF	For Profile Setup	N

Code	Description	Manually Read Flag
SAMPLE	Sample Meter	Y

4.13. Read Type Code

(a) The Read Type Code is not used by MSATS for the purpose of *settlements*. There are no rules in MSATS controlling the use of the Read Type Code.

(b) The Read Type Code is an instruction from the requesting FRMP to the MDP, nominated in the Change Request to assist the transfer by using the specified reading method.

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

(d) The Read Type Code is used to signal when a *meter* should be read, whether an alternative arrangement is to be used, or whether no read is required.

(e) In each case the Read Type Code is an instruction relating to the date in the Proposed Change Date.

(f) A *meter* may be read on the Next Scheduled Read Date (NS) or on a Special Read Date (SP).

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

~~(h) When changing from an Accumulation Meter to an Interval Meter, the Proposed Change Date is to be the date proposed by the New FRMP or the nearest after that date if the *metering installation* is not commissioned on the nominated date.~~

~~(i)~~(h) The Read Type Codes are specified in Table 4-13.

Table 4-13 – Read Type Codes

Code	Name of code	Description of code
NS	Next Scheduled Read Date(1)	Advice from New FRMP to MDP that the Proposed Change Date for the End User transfer is the Next Scheduled Read Date, which is, therefore, a date in the future. No other Meter Reading is required. An acceptable date is a window that is up to 3 *business days* before or 2 *business days* after the published Next Scheduled Read Date. If the date proposed by the New FRMP is not within this same window (i.e. up to 3 *business days* before or 2 *business days* after), the MDP must advise the FRMP that there is a problem with the date proposed within 2 days of receipt of the Data Request. If the *meter* is read outside this window, the MDP is not obliged to provide an Actual Change Date CR 1500. Applies to types 4A, 5 and type 6 *metering installations*.
RR	Next Read Date	Advice from New FRMP to MDP that the Proposed Change Date for the End User transfer is to be the date the *meter* is next read, which is, therefore, a date in the future. This code should be used if it is intended that the transfer is to occur on the date that the *meter* is read next, whenever that date is (i.e. the Proposed Change Date has no relevance). Applies to types 4A, 5 and type 6 *metering installations*.
SP	Special Read	Advice from New FRMP to MDP that the Proposed Change Date for the End User transfer is a date that does not align with the scheduled reading cycle. The MDP/MPC is to arrange for the Special Meter Reading. Applies to type 4A, 5 and type 6 *metering installations*.
ER	Estimated Read	Available if approved by Jurisdictional policy. Advice from the New FRMP to MDP that the End User has agreed to transfer on an Estimated ~~of the Meter~~ Reading. No Meter Reading is required for this transfer. MDP is to provide an Estimated ~~of the Meter~~ Reading in accordance with the *metrology procedure* and any other Jurisdiction requirements. Applies to type 4A, 5 and type 6 *metering installations*.

Code	Name of code	Description of code
CR	Consumer Read	Available if approved by Jurisdictional policy. Advice from New FRMP to MC or MDP that the End User has agreed to transfer on a Meter Reading it provides. MDP/MPC is not required to undertake a Special Meter Reading. Applies to type 6 *metering installations*.
PR	Previous Read Date(2)	Available if approved by Jurisdictional policy. Advice from the New FRMP to the MDP that the transfer is to occur on the previous Meter Reading. Applies to type 4A, 5 and type 6 *metering installations*.
UM	Unmetered Connection Point	Used when the *NMI* being transferred is an unmetered *connection point*. ~~Applies to type 7 *metering installations*.~~
EI	Existing Remotely-Read Interval Meter	Advice from the New FRMP to the MDP that there is an existing remotely-read Interval Meter at the *connection point* and that the existing *meters* will continue to be used after the transfer. Applies to type 1 to 4 *metering installations* only.
~~NI~~	~~New Interval Meter~~	~~Advice from the New FRMP to the MDP that a new Interval Meter is to be installed at the Site as part of the process to complete this transfer.~~ ~~If this is an existing active *connection point* and therefore there is already a *meter*, there will need to be a final Meter Reading for the existing *meter*.~~ ~~Applies to type 1 to 5 *metering installations* and type 6 *metering installations* that are being replaced with an Interval Meter.~~
~~NB~~	~~Future Move In (Basic)~~	~~Advice from the New FRMP to the MDP that a new Accumulation Meter is to be installed at the Site as part of the process to complete this transfer and that there is no existing *meter* at this Site to be read.~~ ~~Applies to type 6 *metering installations*.~~

Note (1): There is no requirement to maintain the Next Scheduled Read Date for meters that are read daily. The Next Scheduled Read Date will only be required for the type 4A, 5 and 6 *metering installations* where manual Meter Reading is necessary.
Note (2): The previous Meter Reading date is not held by MSATS. The New FRMP would obtain this information from the End User. This Read Type Code is likely to be used with Change Reason Codes 1010 and 1081.

~~(j)~~(i) The combinations of Read Type Codes, Metering Installation Type Codes and Change Reason Codes that can be valid, (provided the Read Type Code is allowed in a Jurisdiction), are specified in Table 4-14. (The Metering Installation Type Code referred to here is the code for the existing metering record)~~, but the *metering installation* type may be changed as part of the transfer.)~~

Table 4-14 – Valid Combinations of Read Type Codes, Metering Installation Type Codes and Change Reason Codes

	CR Code		1000		1010, 102X, 1040		1030		All CR Codes	
	Metering Installation Type Code		BASIC	MRIM / MRAM	BASIC	MRIM / MRAM	BASIC	MRIM / MRAM	COMMSx / VICAMI	UMCP
Read Type Code	NS	Next Scheduled Read Date	Yes	Yes	No	No	No	No	No	No
	RR	Next Read Date	Yes	Yes	No	No	Yes	Yes	No	No
	SP	Special Read	Yes	Yes	No	No	Yes	Yes	No	No
	ER	Estimated Read	Yes	Yes	Yes	No	Yes	Yes	No	No
	CR	Consumer~~End User~~ Read	Yes	No	No	No	No	No	No	No
	PR	Previous Read Date	No	No	Yes	Yes	No	No	No	No
	UM	Unmetered Connection Pt	No	No	No	No	No	No	No	Yes
	EI	Existing Interval Meter	No	No	No	No	No	No	Yes	No
	~~NI~~	~~New Interval Meter~~	~~Yes~~	~~Yes~~	~~No~~	~~No~~	~~Yes~~	~~Yes~~	~~Yes~~	~~No~~
	~~NB~~	~~Future Move In (Basic)~~	~~No~~	~~No~~	~~No~~	~~No~~	~~Yes~~	~~Yes~~	~~No~~	~~No~~

Note: 1080 is the same as 1000, 1081 is the same as 1010, 1083 is the same as 1030, and 1084 is the same as 1040.
Note: 102X refers to 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028 and 1029.
Note: COMMSx refers to COMMS1, COMMS2, COMMS3, COMMS4, COMMS4C, COMMS4D.

4.14. Field Validation Rules

(a) The Field Validation Rules are based on data source codes as per table 4-O.~~, such as "RI" and "OI".~~

(b) For any Change Reason Code, the Field Validation Rules specify:

- Which fields must be completed at the time the transaction is Initiated;
- Which fields can optionally be completed at the time the transaction is Initiated;
- Which fields must be present on the NMI Master Record for the transaction to proceed from Pending Validation to Requested and, if they are not present, which Participant must supply them; and
- Whether the Actual Change Date has to be obtained from another Participant for *NMIs* where the *metering installations* are manually read (and if it does, who should be asked to supply it).

(c) The obligations on Participants arising from the allocation of the Field Validation Rules are detailed in the section to which the Change Reason Code applies.

(d) Each data source code is hard coded in MSATS and is not available for maintenance. The available data codes are identified in Table 4-15.

Table 4-15 – Field Validation Data Source Codes

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

4.15. Change Request Status Notification Rules

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

4.16. Maintenance of Codes and Rules

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

Change Reason Codes	Role Codes	Initiation Rules
Jurisdiction Codes	Timeframe Rules	Objection Codes
Objection Rules	NMI Classification Codes	NMI Status Codes
Metering Installation Type Codes	Read Type Codes	Field Validation Rules
Change Request Status Notification Rules	NMI Discovery Search – NMI Search Rules	NMI Discovery Search – NMI Data Access Rules
NMI & CATS Standing Data Access Rules	Network Tariff Code	Time of Day Codes
Controlled Load Indicator		

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

4.17. Datastream Status Code

(a) The Datastream Status Code is part of CATS Standing Data and is used for the management of the *metering data* within MSATS.

(b) The Datastream Status Code makes use of the 'active' and 'inactive' codes specified in Table 4-9.

(c) When required by a Change Reason Code, Participants~~,~~ must nominate on a Change Request the status of the Datastream Status Code for the selected *NMI*.

(d) If a Datastream Status Code is set to A (active) this flag will be used by MSATS to indicate that a Datastream 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.

4.18. 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 provide the Embedded Network Code to AEMO.

(i) The first character of the Embedded Network Code~~Parent Name~~ 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~~Parent Name~~ is to be a character chosen to represent the LNSP whose *distribution network* the *embedded network* is *connected*.

(iii) The owner of the *embedded network* must liaise with the LNSP in determining the other characters of the Embedded Network Code as per the Embedded Network Code structure specified by AEMO.[1]

(c) ~~The FRMP who first adopts the Role of LR for the *embedded network* is to allocate the appropriate Embedded Network Code to the Parent NMI(s). MSATS also allows the~~ The LNSP is to allocate the Embedded Network Code to the Parent NMI.

(d) The ENM is to allocate the Embedded Network Code to t~~T~~he Child NMI which is the same as ~~is to be allocated the same~~ the Embedded Network Code of~~as~~ the Parent NMI.

4.19. Obtaining Electronic Downloads of Configuration Rules

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

Table 4-16 – CATS Configuration Tables Available for Download

Type	Description	Table
Code	List of the available Change Reason Codes	CATS_CHANGE_REASON_CODES
Rule	Change Request Initiation Rules	CATS_CR_INITIATION_RULES
Code	Change Request Status codes	CATS_CR_STATUS_CODES
Code	Data source code used for Field Validation Rules	CATS_DATA_SOURCE_CODES
Code	De-registration codes	CATS_DEREG_CODES
Rule	Rule governing NMI Discovery Search	CATS_DISCOVERY_ACCESS_RULES
Rule	Rules defining if Site address is returned in NMI Discovery Search	CATS_DISCOVERY_SEARCH_RULES
Code	DLF Codes	CATS_DLF_CODES
Code	Parent Name codes	CATS_EMB_NET_ID_CODES
Code	Error codes used by MSATS	CATS_ERROR_CODES
Code	List of Jurisdiction Codes	CATS_JURISDICTION_CODES

[1] Document No MT_GN1710v0xx.doc – Allocation of Embedded Network Codes.

Type	Description	Table
Rule	Jurisdiction rules governing Change Request Initiation	CATS_JURISDICTIONAL_RULES
Code	Meter installation type codes	CATS_METER_INSTALL_TYPE_CODES
Code	NMI Classification Codes	CATS_NMI_CLASS_CODES
Code	NMI Status Codes	CATS_NMI_STATUS_CODES
Rule	Change Request Status Notification Rules that~~e~~ specify which notifications are generated by MSATS	CATS_NOTIFICATION_RULES
Code	List of available Objection Codes	CATS_OBJECTION_CODES
Rule	The rules governing the use of Objections	CATS_OBJECTION_RULES
	List of Roles along with their assigned Participant IDs used by MSATS	CATS_PARTICIPANT_ROLES
Code	List of *Registered Participant* IDs	CATS_PARTICIPANTS
Code	List of allowable Read Type Codes	CATS_READ_TYPE_CODES
Code	List of available Roles	CATS_ROLES
Code	*Transmission connection point* identifier codes	CATS_TNI_CODES
Rule	Transaction Field Validation Rules	CATS_TRANS_FIELD_VALIDATION
Code	List of transaction types in MSATS	CATS_TRANS_TYPE_CODES
Code	Calender used by MSATS	MSATS_NATIONAL_CALENDAR
Code	Network Tariff Codes	CATS_NETWORKTARIFF_CODES

~~5. CODES AND RULES FOR OTHER TRANSACTION TYPES~~

~~REFER TO TABLE 3-A – FOR A LIST OF ALL MSATS TRANSACTION TYPE CODES~~

~~5.1. Send Change Request Status Notification~~

~~MSATS will create a notification when a Change Request moves to a new status point and the notification is sent to relevant Participants in accordance with the Change Request Status Notification Rules.~~

~~5.2. Request Participant Data~~

~~(a) If necessary, MSATS will create a Data Request during the Pending Validation status point.~~

~~(b) The Data Request is created if MSATS identifies that a particular data item has not been included in the Change Request and is not already contained in the NMI Master Record.~~

~~(c) The Data Request is sent to the relevant Participants in accordance with the Field Validation Rules assigned to each Change Reason Code.~~

~~5.3. Raise Objections~~

~~(a) A Participant who has not initiated the Change Request has the right to Object to that Change Request if permitted by the CATS Procedure.~~

~~(b) The Objection must be based on the codes shown in section 4.7.~~

~~(c) MSATS will respond to an Objection to the relevant Participants with an approval or a Rejection using Transaction Type Code OBJR.~~

~~(d) Other parties will be notified in accordance with the Change Request Status Notification Rules.~~

~~5.4. Withdraw a Change Request~~

~~The Participant who Initiated the Change Request may withdraw the Change Request at any time prior to the Change Request reaching the Completed status.~~

~~5.5. Withdraw an Objection~~

~~Other Participants will be notified in accordance with the Change Request Status Notification Rules.~~

~~5.6. Request a NMI Discovery Search~~

~~(a) The following access to CATS Standing Data is available to a Participant in MSATS:~~

~~(i) NMI Discovery – NMI Discovery Search 1;~~

~~(ii) NMI Discovery – NMI Discovery Search 2 – *NMI Standing Data*;~~

~~(iii) CATS Standing Data.~~

~~(b) NMI Discovery Search 1 is used by a Participant to identify the *NMI* characters that have been assigned to an End User's *connection point*, as described in section 41.3.~~

~~(c) NMI Discovery Search 2 is used by a Participant to identify the *NMI Standing data* that has been assigned to the End User's *connection point* and is available for release in accordance with NMI Standing Data Access Rules, as provided in section 41.4.~~

~~(d) The CATS Standing Data Access obligations are contained in section 41.5.~~

~~(e) A NMI Discovery Search 1 will only be successful if information is contained in MSATS that supports one of the following three options: DPID, Meter Serial ID, and address.~~

~~5.7. Provide a NMI Discovery Search Response~~

~~MSATS will use this Transaction Type Code (NMIR) to provide the information retrieved from a NMI Discovery Search Initiated by a Participant.~~

~~5.8. Provide a Change Request Response~~

~~MSATS will use this Transaction Type Code (CRR) to provide an approval or Rejection to the Change Request as it commences the Pending Validation status.~~

~~5.9. Provide an Objection Response~~

~~MSATS will use this Transaction Type Code (OBJ) to provide an approval or Rejection to an Objection Code submitted by a Participant.~~

~~5.10. Provide an Acknowledgment of a Transaction~~

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

~~5.11. Advise of an Update to a Code or Rule~~

~~MSATS will use this Transaction Type Code (CODE) to advise, by electronic message, all Participants of any change to a code, rule or NMI Master Record.~~

~~5.12.~~5. ~~REQUEST A~~MSATS REPORTS

(a) The following reports are available to Participants from MSATS.

Table 5-1 – MSATS Reports

Report Name	Description
CATS C1	Data Replication Resynchronisation Report
CATS C3	NMI Change Request Report
CATS C4	NMI Master Report

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

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

~~5.13.~~6. GUIDELINES FOR MANAGING CONCURRENT RETAIL TRANSFERS

~~5.13.1.~~6.1. Definition of concurrent retail transfers

(a) Concurrent retail transfers are those where there is more than one change of *retailer* ~~retail transfer Change Request~~ 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*.

(ii) **Type 2** is a concurrent retail transfer request where more than one FRMP has submitted a change of *retailer* Change Request for one *NMI*.

~~5.13.2.~~6.2. Guidelines

Type 1 Concurrent Retail Transfers

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

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

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

Type 2 Concurrent Retail Transfers

(d) MSATS will identify the type 2 concurrent retail transfers and the FRMPs that have Initiated these Change Requests.

(e) MSATS ~~shall~~ will Reject the newly submitted Change Request and a notification will be sent to the initiating Participant detailing the reason for the Rejection.

(f) The existing Change ~~of Retailer~~ Request to change a *retailer* ~~shall also be~~ is Cancelled ~~by MSATS~~ and notifications will be sent to all the parties related to the Change of Retailer Request as per normal notifications (i.e. FRMP, MDP, MC etc). The reason for the cancellation shall also be provided in the notification.

(g) The affected FRMPs should determine the reason for the concurrent retail transfers and as necessary proceed to investigate who is the preferred FRMP of the End User consistent with

relevant Jurisdictional requirements. The preferred FRMP should then initiate a single valid transfer Change Request ~~in MSATS~~.

~~5.14. AEMO BULK CHANGE TOOL~~

~~(a) This is a separate tool designed to manage bulk changes of Participant IDs, TNI Codes or DLF Codes.~~

~~(b) The BCT can only be used by AEMO.~~

~~(c) Refer to Section 40 for further details.~~

~~6.~~7. CHANGE RETAILER – SMALL OR LARGE NMI

~~6.1.~~7.1. Application [1000 1010 1020 1030 1040]

Section 6 applies when:

~~(a) The NMI could transfers from a Tier 1 Site to a Tier 2 Site, or from a Tier 2 Site to another Tier 2 Site, or from a Tier 2 Site to a Tier 1 Site; and~~

~~(b)~~(a) one of the following Change Reason Codes applies:

Change Reason Code	Description
1000 – Change Retailer	The date of transfer is on a Prospective Day.
1010 – Change Retailer – Retrospective Align to Meter Read (SMALL only)	The date of transfer is the date of the last Meter Reading (a Retrospective Day).
1020 – Change Retailer – Retrospective – Long Term / Error (LARGE only)	The date of transfer could be a date agreed between the Current FRMP and New FRMP (a Retrospective Day) where the actual transfer date was in error. In addition, and in Victoria only, the date of transfer could be a date agreed by the Current FRMP and New FRMP (a Retrospective Day)
1030 – Change Retailer – Move-In	The date of transfer (move-in) is on a Prospective Day.
1040 – Change Retailer – Move-In – Retrospective	The date of transfer (move-in) would be on a Retrospective Day.

~~6.2.~~7.2. Conditions Precedent

(a) The *NMI* already exists in MSATS[2].

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

(c) The date of the transfer of *retailer* from the Current FRMP to the New FRMP will be the Actual Change Date.

(d) The Actual Change Date is to be established in accordance with the Read Type Code submitted to MSATS by the New FRMP.

~~6.3.~~7.3. Initiating Roles

A New FRMP may initiate a Change Request to effect a change of *retailer* in accordance with section 7.4

~~6.4.~~7.4. FRMP Requirements

The New FRMP must:

(a) obtain the Current FRMP's agreement to retrospectively transfer an End User on a previous Meter Reading (applies to CR1010).

(b) obtain the NMI Checksum.

(c) confirm that the *NMI* is valid for the *connection point*.

(d) submit a Change Request to initiate the transfer of the End User from which the New Retailer has obtained Explicit Informed Consent and provide the following information with the Change Request:

Change Reason Code	Participant transaction ID	NMI and NMI Checksum
Its Participant ID	Proposed Change Date	New RP
Read Type Code		

[2] If it doesn't, the *retailer* should refer to section 11 and seek LNSP action to establish a *NMI*.

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

MDP		

(f) nominate itself as the New FRMP;

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

- Withdraw the transfer request; or
- Advise the MDP to read the *meter* on the Next Scheduled Read Date or propose a Special Read Date.

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

- advise the MDP of a valid date; or
- withdraw the transfer request.

The Current FRMP must:

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

The New FRMP may:

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

MPB	MPC	

or leave this to the New MC to complete.

(k) for Change Reason Code 1020, populate the Change Request with:

Actual End Date		

(l) for Retrospective Changes, nominate a Proposed Change Date. The limits for Retrospective Change dates are provided in section 7.7; and

(m) withdraw a change of *retailer* transaction request at any time until the transfer is Completed ~~in CATS~~.

~~6.5.~~7.5. MDP Requirements

The MDP must:

(a) Once the transfer has Completed, set up the *NMI* suffix(s) so that they become active on the Actual Change Date if this data is not already provided or has changed.

(b) On receipt of a Data Request for Change Reason Codes 1000, 1010, 1030 or 1040, initiate a Change Request to provide the Actual Change Date.

If the NMI Classification Code is LARGE, the Actual Change Date must be the date nominated as the proposed date by the New FRMP unless the date nominated is inappropriate, in which case the MDP must advise the New FRMP of the reason why the proposed date is inappropriate and agree on the Actual Change Date.

(c) For Prospective Changes that do not require a Meter Reading, provide the Actual Change Date within 2 days of the Actual Change Date.

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

(e) For Retrospective Changes, where the Jurisdictional rules specify that an Actual Change Date is required, ensure that the Actual Change Date submitted is no earlier than the time limit specified by the Jurisdiction for the Change Reason Code on the Change Request.

(f) For example, if the Jurisdictional timeframe for a Change Reason Code is 10 days, the Actual Change Date must be no earlier than 10 days prior to the date the Data Request was received, even if MSATS would allow an earlier date.

(g) Where the NMI Classification Code is SMALL and the Read Type Code requires the Next Scheduled Read Date or the Special Read Date, forward the Meter Reading taken at this time to the Current FRMP, New FRMP, Current LR and Current LNSP.

(h) Where the NMI Classification Code is SMALL:

(i) the MDP must Object to the Change Request if the Next Scheduled Read Date ~~or Special Read Date~~ nominated by the New FRMP is not within two *business days* prior to, or two *business days* after, the Next Scheduled Reading Date, or the date nominated by the New FRMP for the Retrospective Change does not correspond to an Actual Meter Read Date.

(ii) the MDP must advise the New FRMP of the failure to take a Meter Reading within 2 days and await instructions if the next Scheduled Meter Reading or Special Meter Reading does not occur within three *business days* before, or two *business days* after, the Next Scheduled Read Date or Special Read Date (as applicable).

(iii) If the Read Type Code requires an Estimated Reading, prepare the Estimated Reading and submit this to MSATS as the Meter Reading related to the Actual Change Date (not for a Retrospective Change).

~~(ii) If the Read Type Code requires an End User Meter Reading, obtain it from the New FRMP and submit it to MSATS as the Meter Reading related to the Actual Change Date (not for a Retrospective Change).~~

~~(iii)~~(iv) if the Read Type Code does not require a Meter Reading, validate that the Metering Installation Type Code is identified as a type 1, type 2, type 3, type 4 or type 7 *metering installation*. If an error is identified, advise the New FRMP.

~~(iv)~~(v) for Retrospective Changes on receipt of a Data Request for an Actual Change Date, provide the Actual Change Date within 2 days of receipt of the Data Request.

~~(v)~~(vi) Where the NMI Classification Code is SMALL, if requested by the New FRMP and allowed in that Jurisdiction, carry out an Actual Meter Reading within the time periods specified in the relevant *metrology procedure*.

(i) Where the NMI Classification Code is LARGE, validate that the Metering Installation Type Code is identified as a type 1, type 2, type 3 or type 4 *metering installation*. If an error is identified, advise the New FRMP and await instructions.

(j) Where the NMI Classification Code is LARGE, for Retrospective Changes that do not require a Meter Reading, provide the Actual Change Date within 2 days of receipt of the Data Request.

~~6.6.~~7.6. ~~Metering Coordinator~~MC Requirements

The New MC must~~:~~

~~E~~ensure MDP, MPC and MPB roles are correct and if not raise appropriate Change Request to update it. Refer to section 29 to 36 for Change Request types for Role Changes.

~~(a) Change the Current MC using Change Reason Code 6300 if this change has not been performed by the New FRMP.~~

~~(b) Ensure that the names of the New MPB and New MPC are recorded in MSATS using Change Reason Code 6700 prior to the Actual Change Date.~~

~~(c) Ensure that the name of the New MDP is recorded in MSATS using Change Reason Code 6200 prior to the Actual Change Date.~~

~~The New MC may provide a Change Request to change the names of the MPB and MPC.~~

~~6.7.~~7.7. Timeframe Rules

When preparing a Change Request the New FRMP must choose, for the identified Change Reason Codes, a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 7-1.

Table 7-1 – Timeframe Rules

CR Code 1000 – Change Retailer **CR Code 1030 – Change Retailer – Move-In**			
Objection Logging Period (*business days*)	**Objection Clearing Period** (*business days*)	**Retrospective Period** (*business days*)	**Prospective Period** (*business days*)
1	20	0	65
CR Code 1010 – Change Retailer – Retrospective Align to Meter Read **CR Code 1040 – Change Retailer – Move-In – Retrospective**			
Objection Logging Period (*business days*)	**Objection Clearing Period** (*business days*)	**Retrospective Period** (*business days*)	**Prospective Period** (*business days*)
1	20	10	0
CR Code 1020 – Change Retailer-Retrospective – Long Term/Error (not SMALL)			
Objection Logging Period (*business days*)	**Objection Clearing Period** (*business days*)	**Retrospective Period** (*business days*)	**Prospective Period** (*business days*)
1	20	130	0
~~**CR Code 1030 – Change Retailer – Move-In**~~			
~~**Objection Logging Period** (*business days*)~~	~~**Objection Clearing Period** (*business days*)~~	~~**Retrospective Period** (*business days*)~~	~~**Prospective Period** (*business days*)~~
~~1~~	~~20~~	~~0~~	~~65~~
~~**CR Code 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~~

~~6.8.~~7.8. Objection Rules

The 'yes' Roles specified in Table 7-2 may Object using the Objection Codes indicated against their Roles.

Table 7-2 – Objection Rules[**]

CR Code 1000 – Change Retailer

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

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

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

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

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

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

CR Code 1030 – Change Retailer – Move-In

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

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

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

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

~~6.9.~~7.9. 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 7-3.

Table 7-3 – Change Request Status Notification Rules**

CR Code 1000 – Change Retailer

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

CR Code 1030 – Change Retailer – Move-In

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

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

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

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

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

~~7.~~8. CHANGE RETAILER – ERROR CORRECTIONS – SMALL NMIS

~~7.1.~~8.1. Application [1021 1022 1023 1024 1025 1026 1027 1028 1029]

Please note that the appropriate Change Request for a LARGE NMI is CR 1020 – Change Retailer – Retrospective – Long Term / Error (not SMALL[3]). More information about this Change Request is provided in Section 0.

Section ~~7~~10 applies to the following Change Reason Codes:

Change Reason Code	Description
1021 – Error Correction – Missed CR1500	~~This code is to be~~ U~~u~~sed where the proposed transfer date has been missed due to the MDP not being able to provide a corresponding Actual Change Date on the original Change Request (CR 1000, 1010, 1030 or 1040).
1022 – Incorrect transfer date	~~This code is to be u~~Used where the MDP supplies an incorrect Actual Change Date and the original Change Request (CR 1000, 1010, 1030 or 1040) was Completed on the incorrect date.
1023 – New NMI – LNSP set up wrong Retailer in MSATS	~~This code is to be u~~Used where the LNSP has nominated an incorrect retailer on a newly created NMI. This is limited to incorrect CR 2000, 2001, 2500, 2501 and the equivalent Embedded Network Codes.
1024 – Transfer missed	~~This is~~Used where the New Retailer failed to initiate the transfer in time. Acceptable reasons for the use of this code are: • Where a Site has more than one *NMI* and not all of them were transferred. The error correction transaction will be used to transfer the other NMI(s) missed. • Re-energisation of ~~End User~~ Site, with or without End User notification (End User request to *retailer*.)
1025 – Transferred in Error	~~This is a situation~~Used where the Current FRMP transferred the NMI in error and requests the New Retailer to transfer it back. A wrong NMI was selected by the Current FRMP to transfer.
1026 – Cooled Off	~~This is a situation~~Used where an End User signs a contract with a New Retailer. The End User then cancels the request within the Cooling~~-~~Off Period. New Retailer fails to withdraw the transfer request (transfer Pending) or was unable to do so (transfer Completed).
1027 – Customer Moves Out on or before CR completion date	~~This is a situation~~Used where a End User signs a contract with a New Retailer but moves out on or before the Change Request completion date (transfer date).
1028 – Non-account holder signs contract	Used where a~~A~~ person other than the End User at a Site signs a contract with a New Retailer. The End User for the Site then discovers this and does not wish to transfer.
1029 – Other Error Corrections (SMALL only~~-~~)	~~This Change Reason Code could be u~~Used to correct errors caused by Participant process or systems issues; for example, late processing of contractual paperwork by initiating Participant. These may be reasons other than those covered by CR 1021 – 1028.

~~7.2.~~8.2. Conditions Precedent

(a) The *NMI* exists in MSATS.[4]

(b) The NMI Classification Code is SMALL. This section applies to the *metering installations* types 4, 4A, 5, 6, or 7.

(c) The date of the transfer of *retailer* from the Current FRMP to the New FRMP will be the Actual Change Date.

(d) The Actual Change Date is to be established in accordance with the Read Type Code submitted to MSATS by the New FRMP.

[3] Please note that "not SMALL" refers to LARGE, WHOLESAL, INTERCON, GENERATR or SAMPLE NMIs.
[4] If the *NMI* does not already exist in MSATS, the *retailer* should refer to section 11 "Create a NMI" and seek LNSP action to establish the *NMI*.

~~7.3.~~8.3. Initiating Roles

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

~~7.4.~~8.4. FRMP Requirements

The New 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) Submit a Change Request ~~to CATS~~ to initiate the transfer of the End User from which the New Retailer has obtained Explicit Informed Consent.

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

Change Reason Code	Participant transaction ID	*NMI* and NMI Checksum
Its Participant ID	Proposed Change Date	New MDP
Read Type Code		

(e) Nominate itself as the New FRMP.

~~(f) If advised by the New MDP that a Meter Reading can not be obtained in response to a Read Type Code for the Next Scheduled Read Date or a Special Read Date, must either:~~

~~(i) Withdraw the transfer request; or~~

~~(ii) Advise the MDP to read the meter on the Next Scheduled Read Date or propose a Special Read Date.~~

~~(g) If advised by the New MDP that the Next Scheduled Read Date or a Special Read Date is invalid, must either:~~

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

~~(ii) Withdraw the transfer request.~~

The New FRMP may:

~~(h)~~(f) Populate the Change Request with the identity of the following Roles:

RP	MPB	MPC

or leave this action to the New MC to complete.

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

Actual End Date		

~~(j)~~(h) For Retrospective Changes, nominate, in accordance with section (d), a Proposed Change Date. The time limits for Retrospective Changes are provided in section **Error! Reference source not found.**.

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

~~7.5. MDP Requirements~~

~~The New MDP must:~~

~~(a) Once the transfer has Completed, set up the *NMI* suffix(s) so that they become active on the Actual Change Date if this data is not already provided or has changed.~~

~~(b) Where the Read Type Code requires the Next Scheduled Read Date or the Special Read Date, forward the Meter Reading taken at this time to the Current FRMP, New FRMP, Current LR and Current LNSP.~~

(c) If the Next Scheduled Read Date or Special Read Date nominated by the New FRMP as the proposed date is not within a date range that is three *business days* before or two *business days* after the date that the *meter* is proposed to be read, the MDP must advise the New FRMP within 2 days of receipt of the Change Request and await instructions from the FRMP.

(d) If the Next Scheduled Read Date or Special Read Date does not occur within a date range that is three *business days* before or two *business days* after the nominated Proposed Change Date the MDP must advise the New FRMP of the failure to take a Meter Reading within 2 days and await instructions from the FRMP.

(e) If the Read Type Code requires an Estimated Reading, prepare the Estimated Reading and submit this value to MSATS as the Actual Change Date (not for a Retrospective Change).

(f) If the Read Type Code requires a End User read, obtain the End User read from the New FRMP and submit this value to MSATS as the Actual Change Date (not for a Retrospective Change).

(g) If the Read Type Code does not require a Meter Reading, validate that the Metering Installation Type Code is identified as a type 1, type 2, type 3, type 4 or type 7 *metering installation*. If an error is identified, advise the New FRMP.

(h) For Prospective Changes that do not require a Meter Reading, provide the Actual Change Date within 1 day of the Actual Change Date being reached.

(i) For changes that require a Meter Reading, provide the Actual Change Date within 1 day of the Meter Reading.

(j) For example, if the Jurisdictional timeframe for a Change Reason Code is 10 days, the Actual Change Date must be no earlier than 10 days prior to the date the Data Request was received, even if MSATS would allow an earlier date.

(k) If requested by the New FRMP and allowed in that Jurisdiction, carry out an Actual Meter Reading within the time periods specified in the Metrology Procedure (Part A & Metrology Procedure Part B).

7.6.8.5. Metering CoordinatorMC Requirements

The New MC must:

eEnsure MDP, MPC and MPB roles are correct and if not raise appropriate Change Request to update. Refer to section 29 to 36 for Change Request types for Role Changes.

(a) Change the Current MC using Change Reason Code 6300 if this change has not been performed by the New FRMP.

(b) Ensure that the names of the New MPB and New MPC are recorded in MSATS using Change Reason Code 6700, prior to the Actual Change Date.

The Current MC and New MC may provide a Change Request to change the names of the MPB and MPC

7.7.8.6. 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 **Error! Reference source not found.**.

Table 8-1 – Timeframe Rules

CR Code 1021 – Error correction – Missed CR1500

CR Code 1022 – Incorrect transfer date

CR Code 1023 – New NMI – LNSP set up wrong retailer in MSATS

CR Code 1024 – Transfer missed

CR Code 1025 – Transferred in error

CR Code 1026 – Cooled Off

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

CR Code 1028 – Non-account holder signs contract

CR Code 1029 – Other error corrections (SMALL only)

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

~~7.8.~~8.7. Objection Rules

The 'yes' Roles specified in Table 8-2 may Object using the Objection Codes indicated against their Roles within the Objection Logging Period specified in ~~Table 7-A~~ Table 7-A.

Table 8-2 – Objection Rules**

CR Code 1021 – Error Correction – Missed CR1500

CR Code 1022 – Incorrect transfer date

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

CR Code 1023 – New NMI – LNSP set up wrong Retailer in MSATS

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

CR Code 1024 – Transfer missed

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

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

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

CR Code 1029 – Other Error Corrections (SMALL only)

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

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

~~7.9.~~8.8. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 8.1 are specified in Table 8-3.

Table 8-3 – Change Request Status Notification Rules**
CR Code 1021 – Error Correction – Missed CR1500
CR Code 1022 – Incorrect transfer date
CR Code 1023 – New NMI – LNSP set up wrong retailer in MSATS
CR Code 1024 – Transfer missed
CR Code 1025 – Transferred in Error
CR Code 1026 – Cooled Off
CR Code 1027 – Customer Moves Out on or before CR completion date
CR Code 1028 – Non-account holder signs contract
CR Code 1029 – Other Error Corrections (SMALL only)
PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

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

~~8.~~9. CHANGE RETAILER – EMBEDDED NETWORKS – SMALL OR LARGE

~~8.1.~~9.1. Application [1080 1081 1082 1083 1084]

Section 8 applies when:

~~(a) the *NMI* could transfers from a Tier 1 Site to a Tier 2 Site, or from a Tier 2 Site to another Tier 2 Site, or from a Tier 2 Site to a Tier 1 Site; and~~

~~(b)~~(a) one of the following Change Reason Codes applies:

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

~~8.2.~~9.2. Conditions Precedent

(a) The *NMI* exists in MSATS.[5]

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

(c) The date of the transfer of *retailer* from the Current FRMP to the New FRMP will be the Actual Change Date.

(d) The Actual Change Date is to be established in accordance with the Read Type Code submitted to MSATS by the New FRMP.

~~8.3.~~9.3. Initiating Roles

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

~~8.4.~~9.4. FRMP Requirements

The New FRMP must:

(a) Obtain agreement from the Current FRMP to retrospectively transfer an End User on a previous Meter Reading (applies to CR1081).

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

(c) Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.

(d) Submit a Change Request ~~to CATS~~ to initiate the transfer of the End User for which the New Retailer has obtained an Explicit Informed Consent.

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

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

[5] If it doesn't, the *retailer* should refer to section 0 and seek ENM action to establish the *NMI*.

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

MDP		

(g) Nominate itself as the New FRMP.

(h) Where the NMI Classification Code is SMALL, if advised by the New MDP or Current MDP that a Meter Reading can-not be obtained in response to a Read Type Code for Next Scheduled Read Date or a Special Read Date, must either:

(i) Withdraw the transfer request; or

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

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

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

(ii) Withdraw the transfer request.

The New FRMP may:

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

MPB	MPC	

or leave this action to the New MC to complete.

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

Actual end date		

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

(m) Withdraw a change of *retailer* transaction request at any time until the transfer is Completed ~~in CATS~~.

The Current FRMP must, on receipt of a request from the New FRMP for an agreement to retrospectively transfer on a previous Meter Reading, respond to the request within 2 *business days*.

~~8.5.~~9.5. MDP Requirements

The MDP must:

(a) Once the transfer has Completed, set up the *NMI* suffix(s) so that they become active on the Actual Change Date.

(b) On receipt of a Data Request for Change Reason Codes 1080, 1081, 1083 or 1084, initiate a Change Request to provide the Actual Change Date.

(c) Where the NMI Classification Code is LARGE, it must be the date nominated as the proposed date by the New FRMP unless the date nominated is inappropriate, in which case the MDP must advise the New FRMP of the reason why the proposed date is inappropriate and mutually agree on what the Actual Change Date should be.

(d) If the Read Type Code does not require a read, validate that the Metering Installation Type Code is identified as a type 1, type 2, type 3 or type 4 *metering installation*. If an error is identified, advise the New FRMP.

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

(f) For Retrospective Changes that do not require a Meter Reading, provide the Actual Change Date within 2 days of receipt of the Data Request.

(g) For Retrospective Changes, ensure that the Actual Change Date submitted is no earlier than the time limit specified by the Jurisdiction for the Change Reason Code on the Change Request.

For example, if the Jurisdictional timeframe for a Change Reason Code is 10 days, the Actual Change Date must be no earlier than 10 days prior to the date the Data Request was received, even if MSATS would allow an earlier date.

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

(i) Where the NMI Classification Code is SMALL, where the Read Type Code requires the Next Scheduled Read Date or the Special Read Date, forward the Meter Reading taken at this time to the Current FRMP, New FRMP, Current LR.

(j) Where the NMI Classification Code is SMALL, if the Next Scheduled Read Date or Special Read Date nominated by the New FRMP as the proposed date is not within a date range that is two *business days* prior to or two *business days* subsequent to the Scheduled Reading Date, or the date nominated by the New FRMP for the Retrospective Change does not correspond to a read date, the MDP must Object to the Change Request.

(k) Where the NMI Classification Code is SMALL, if the next Scheduled Meter Reading or Special Meter Reading does not occur within a date range that is three *business days* before or two *business days* after the Special Read Date or Next Scheduled Read Date the MDP must advise the New FRMP of the failure to take a Meter Reading within 2 days and await instructions from the FRMP.

(l) Where the NMI Classification Code is SMALL, if the Read Type Code requires an Estimated Reading, prepare the Estimated Reading and submit this to MSATS as the Actual Change Date.

(m) Where the NMI Classification Code is SMALL, if the Read Type Code requires an End User Meter Reading, obtain it from the New FRMP and submit this value to MSATS as the Actual Change Date (only if allowed by the Jurisdiction).

(n) If the NMI Classification Code is SMALL, for Retrospective Changes, where the Meter Reading occurred prior the Change Request being submitted, provide the Actual Change Date 2 days of receipt of the Data Request.

(o) If the NMI Classification Code is SMALL, if requested by the New FRMP, carry out an Actual Meter Reading within the time periods specified in the *metrology procedure* (only if allowed by the Jurisdiction).

~~8.6.~~9.6. MC~~Metering Coordinator~~ Requirements

The New MC must ~~:~~

~~(a)~~ ~~E~~ensure MDP, MPC and MPB roles are correct and if not raise appropriate Change Request to update. Refer to section 29 to 36 for Change Request types for Role Changes.

~~The New MC must:~~

~~(a) Change the Current MC using Change Reason Code 6300 if this has not been performed by the New FRMP.~~

~~(b) Ensure that the names of the New MPB and New MPC are recorded in MSATS, using Change Reason Code 6700 prior to the Actual Change Date.~~

~~(c) Ensure that the name of the New MDP is recorded in MSATS, using Change Reason Code 6200 prior to the Actual Change Date.~~

~~The MC may provide a Change Request with its Participant ID, and the names of the MPB and MPC.~~

~~8.7.~~9.7. Timeframe Rules

When preparing a Change Request, the New FRMP must choose, for the identified Change Reason Codes, a Proposed Change Date that lies between the Prospective Period and the Retrospective Period, as shown in Table 9-1.

Table 9-1 – Timeframe Rules

CR Code 1080 – Change Retailer – Child NMI

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

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

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

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

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

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

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

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

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

~~8.8.~~9.8. Objection Rules

The 'yes' Roles specified in Table 9-2. may Object using the Objection Codes indicated against their Roles.

Table 9-2 – Objection Rules**

CR Code 1080 – Change Retailer – Child NMI

Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		RoLR		RP		LNSP	
			N	C	N	C	N	C	N	C	N	C	N	C	N	C
BADMETER	ALL	ALL	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	-	-	-
NOTAPRD	ALL	ALL	-	-	-	Yes	-	-	-	-	-	-	-	-	-	-
BADPARTY	ALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
	LARGE	NSW												Yes		
DECLINED	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-
	LARGE	NSW												Yes		
NOACC	SMALL	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
DEBT	SMALL	VIC	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-

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

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

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

CR Code 1082 – Change Retailer Child – Retrospective: Long Term / 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
DATEBAD	ALL	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
BADMETER	ALL LARGE	ALL	-	-	-	Yes	Yes	Yes	- Yes	- Yes	-	-	Yes	-	-	-
BADPARTY	ALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
	LARGE	NSW												Yes		
DECLINED	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	Yes	-	-	-
	LARGE	NSW												Yes		
NOTAPRD	ALL	ALL	-	-	-	Yes	-	-	-	-	-	-	-	-	-	-
DEBT	SMALL	VIC	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
RETRO	SMALL	NSW SA VIC	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-

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

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

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

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

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

~~8.9.~~9.9. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 9.1 are specified in Table 9-3.

Table 9-3 – Change Request Status Notification Rules**

CR Code 1080 – Change Retailer – Child NMI

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

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

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

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

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

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

** N = New Role, C = Current Role

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

9.1.10.1. Application [1500]

Section 9 applies to the following Change Reason Code:

Change Reason Code	Comment
1500 – Provide Actual Change Date (MDP)	This is the situation where Tthe MDP is required to provide MSATS with the Actual Change Date that specifies the date on which the change on the related Change Request will take effect.

9.2.10.2. Conditions Precedent

(a) The *NMI* exists in MSATS.

(b) The FRMP has Initiated a related Change Request requiring an Actual Change Date.

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

(d) The MDP has received a Data Request from MSATS for the provision of the Actual Change Date.

9.3.10.3. Initiating Roles

The MDP may initiate a Change Request to submit an Actual Change Date to MSATS in accordance with section 10.4.

9.4.10.4. 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		

9.5.10.5. Timeframe Rules

When preparing a Change Request, the 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 9-A.

Table 10-1 – Timeframe Rules

CR Code 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

9.6.10.6. Objection Rules

Objections are not permitted.

~~9.7.~~10.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 10.1 are specified in Table 10-2.

Table 10-2 – Change Request Status Notification Rules**

CR Code 1500 – Provide Actual Change Date (MDP)

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

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

~~10.~~11. CREATE NMI – CREATE A NMI – SMALL OR LARGE

~~10.1.~~11.1. Application [2000 2001 ~~2003~~]

Section 10 applies to the following Change Reason Codes:

Change Reason Code	Comment
2000 – Create NMI Details	~~This is~~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	~~This is~~Used where the New LNSP establishes the initial set of information in MSATS ~~in~~ about a *connection point* to apply from a Retrospective Day.
~~2003 – Create NMI Details – Retrospective (Tier 1 only)~~	~~This is where the New LNSP establishes the initial set of information in MSATS in regard to a *connection point* for a Tier 1 Site to apply from a Retrospective Day.~~ ~~This Change Request is related to Change Request 2001 but has different Change Request Status Notification Rules.~~

~~10.2.~~11.2. Conditions Precedent

(a) The *NMI* does not exist in MSATS.

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

~~10.3.~~11.3. Initiating Roles

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

~~10.4.~~11.4. 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	

(d) Nominate itself as the New LNSP.

(e) Populate the Change Request with values for the following address fields (as appropriate):

EITHER

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

OR

Unstructured Address 1	Unstructured Address 2	Unstructured Address 3

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

Parent Name	Building name	Feeder Class
Customer Threshold Code		

~~10.5.~~11.5. MPB Requirements

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

~~10.6.~~11.6. 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 11-1.

Table 11-1 – Timeframe Rules

CR Code 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 Code 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

~~**CR Code 2003 – Create NMI Details – Retrospective (Tier 1 Only)**~~

~~**Objection Logging Period (*business days*)**~~	~~**Objection Clearing Period (*business days*)**~~	~~**Retrospective Period (*business days*)**~~	~~**Prospective Period (*business days*)**~~
~~1~~	~~10~~	~~130~~	~~0~~

~~10.7.~~11.7. Objection Rules

The 'yes' Roles specified in Table 11-2 may Object using the Objection Codes indicated against their Roles.

Table 11-2 – Objection Rules**

CR Code 2000 – Create NMI Details

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

CR Code 2001 – Create NMI Details – Retrospective

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

~~CR Code 2003 – Create NMI Details – Retrospective (Tier 1 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~~
~~NOTRESP~~	~~All~~	~~All~~	~~Yes~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~

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

~~10.8.~~11.8. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 11.1 are specified in Table 11-3.

Table 11-3 – Change Request Status Notification Rules[**]

CR Code 2000 – Create NMI Details

CR Code 2001 – Create NMI Details – Retrospective

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

Status Change	FRMP		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	-

~~CR Code 2003 – Create NMI Details – Retrospective (Tier 1 Only)~~

~~PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change~~

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

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

~~11.~~12. CREATE NMI – CREATE CHILD NMI – SMALL OR LARGE

~~11.1.~~12.1. Application [2020 2021]

Section 11 applies to the following Change Reason Codes:

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

~~11.2.~~12.2. Conditions Precedent

(a) The *NMI* does not exist in MSATS.

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

~~11.3.~~12.3. Initiating Roles

A New ENM may initiate a Change Request to create a *NMI* record in MSATS in accordance with section 12.4.

~~11.4.~~12.4. 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~~ENM~~		

(d) Nominate itself as the LNSP

~~(d)~~(e) Populate the Change Request with values for the following address fields (as appropriate):

EITHER

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

OR

Unstructured Address 1	Unstructured Address 2	Unstructured Address 3

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

Parent Name	Building name	Feeder Class
Customer Threshold Code		

~~11.5.~~12.5. 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.

~~11.6.~~12.6. Timeframe Rules

When preparing a Change Request, the New ENM 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 12-1.

Table 12-1 – Timeframe Rules

CR Code 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 Code 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

~~11.7.~~12.7. Objection Rules

The 'yes' Roles specified in Table 12-2 may Object using the Objection Codes indicated against their Roles.

Table 12-2 – Objection Rules[**]

CR Code 2020 – Create NMI Details – Child

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

CR Code 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	-	-	-
RETRO	SMALL	NSW VIC SA	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														

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

~~11.8.~~12.8. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 12.1 are specified in Table 12-3.

Table 12-3 – Change Request Status Notification Rules**

CR Code 2020 – Create NMI Details – Child

CR Code 2021 – Create NMI Details – Child – 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	-
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.~~13. CREATE NMI – CREATE NMI, METERING INSTALLATION DETAILS AND ~~MDM~~ NMI DATASTREAM – SMALL OR LARGE

~~12.1.~~13.1. Application [2500 2501]

Section 12 applies to the following Change Reason Codes:

Change Reason Code	Comment
2500 – Create NMI, Datastream & Meter Details	~~This is~~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 fora *connection point* to apply from a Prospective Day~~te~~.
2501 – Create NMI, Datastream & Meter Details – Retrospective	~~This is~~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.

~~12.2.~~13.2. Conditions Precedent

(a) The *NMI* does not exist in MSATS.

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

~~12.3.~~13.3. Initiating Roles

If the New LNSP meets the condition imposed by section 13.2 the New LNSP may initiate a Change Request to create a *NMI*, *metering installation* details and NMI ~~MDM~~ Datastream in MSATS in accordance with section13.4.

~~12.4.~~13.4. 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	Meter Serial ID (at least one)
Metering Installation Type (for each meter)	Meter Status (for each meter)	Register ID (at least one for each meter)
Register ID Status (for each register)	Network Tariff Code	Actual / Cumulative Indicator (for each register)
Controlled Load Indicator (for each register)	Dial Format (for each register)	Multiplier Value (for each register)
Time of Day Code (for each register)	Unit of Measure Code (for each register)	NMI Suffix (at least one)
Datastream Type (for each suffix)	Profile Name (for each suffix)	ADL (for each suffix)
Datastream Status Code (for each suffix)		

(d) Nominate itself as the New LNSP.

(e) Provide the ~~average daily load~~ADL if this value is not otherwise provided by the New FRMP.

(f) Populate the Change Request with values for the following address fields (as applicable),

EITHER

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

OR

Unstructured Address 1	Unstructured Address 2	Unstructured Address 3

The New LNSP may:

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

Parent Name	Building name	Feeder Class
Customer Threshold Code		

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

Additional Site information	Next Scheduled Read Date	Meter location
Meter hazard	Meter route	Meter use
Meter point	Meter manufacturer	Meter model
Transformer location	Transformer type	Transformer ratio
Meter constant	Last test date	Next test date
Test result accuracy	Test result notes	Test performed by
Measurement type	Meter program	~~Meter~~ Read Type Code
Remote phone number	Communication equipment type	Communication protocol
Data conversion arrangements	Data validation arrangements	Estimation instructions
Asset management plan details	Calibration tables (details of any calibration factors programmed into the meter)	Password details (the read and time set passwords only, separated by a space; the write password is not to be recorded in MSATS)
Test and calibration program details	User access rights details (i.e. details of any ~~end-use~~ End User access to the *metering installation* such as pulse outputs)	

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

Network Tariff Code additional information	Demand value 1, if the Network Tariff charge includes a demand component	Demand value 2, if the Network Tariff charge includes a second demand component
MDM contributory suffix (this can also be supplied by the MDP)		

~~12.5.~~13.5. 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 13-1.

Table 13-1 – Timeframe Rules

CR Code 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 Code 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

~~12.6.~~13.6. Objection Rules

The 'yes' Roles specified in Table 13-2 may Object using the Objection Codes indicated against their Roles.

Table 13-2 – Objection Rules**

CR Code 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
BADMETER	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	-	-	-	-
BADPARTY	SMALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
	LARGE												-			
NOTRESP	ALL	ALL	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes	-	-	-

CR Code 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
BADMETER	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	-	-	-	-
BADPARTY	ALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
NOTRESP	ALL	ALL	Yes	-	Yes	-	Yes	-	Yes	-	-	-	Yes	-	-	-
RETRO	ALL	ALL	Yes		Yes	-	-	-	-	-	-	-	-	-	-	-

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

~~12.7.~~13.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 13.1 are specified in Table 13-3.

Table 13-3 – Change Request Status Notification Rules**

CR Code 2500 – Create NMI, Datastream + Meter Details

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

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

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

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

14.1. Application [2520 2521]

This procedure applies to the following change reason codes:

Change Reason Code	Comment
2520 – Create NMI, D/stream + Meter Details – Child NMI	This is the situation where the new ENM is able to provide the datastream and metering installation details at the same time it establishes the initial set of information in the MSATS system in regard to a connection point that is connected to an embedded network. The date at which the information will apply would be a prospective date.
2521 – Create NMI, D/stream + Meter – Child NMI - Retro	This is the situation where the new ENM is able to provide the datastream and metering installation details at the same time it establishes the initial set of information in the MSATS system in regard to a connection point that is connected to an embedded network. The date at which the information will apply would be a retrospective date.

14.2. Conditions Precedent

(a) The NMI does not exist in MSATS.

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

(c) Clause 14 relates only to change reason codes 2520 and 2521.

14.3. Initiating Roles

(d) 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 **Error! Reference source not found.**.

(e) The new ENM must use one of the following change reason codes 2520 or 2521 to establish an initial change request.

14.4. ENM Requirements

The new ENM must:

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

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

~~(a)~~(h) Populate an initial 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
Embedded network child name	Locality	State

Postcode	Meter serial ID (at least one)	Metering installation type (for each meter)
Meter status (for each meter)	Register ID (at least one for each meter)	Register ID status (for each register)
Network tariff code	Actual / cumulative indicator (for each register)	Controlled load indicator (for each register)
Dial format (for each register)	Multiplier value (for each register)	Time of day code (for each register)
Unit of measure code (for each register)	NMI suffix (at least one)	Datastream type (for each suffix)
Profile name (for each suffix)	Daily average load (for each suffix)	Datastream status code (for each suffix)

(i) Nominate itself as the new LNSP.

(j) Populate the initial change request with values for the following address fields (as applicable):

EITHER:

DPID	Flat number	Flat type
Floor number	Floor type	House number
House number suffix	Location descriptor	Lot number
Street name	Street suffix	Street type

OR

Unstructured address 1	Unstructured address 2	Unstructured address 3

The new ENM may

~~(b)~~(k) Populate the initial change request with the following information:

Embedded network parent name	Building name	Feeder Class
Customer Threshold Code		

~~(c)~~(l) Populate the initial change request with the following information for each meter:

Additional site information	Next scheduled read date	Meter location
Meter hazard	Meter route	Meter use
Meter point	Meter manufacturer	Meter model
Transformer location	Transformer type	Transformer ratio
Meter constant	Last test date	Next test date
Test result accuracy	Test result notes	Test performed by
Measurement type	Meter program	Meter read type
Remote phone number	Communication equipment type	Communication protocol

Data conversion arrangements	Data validation arrangements	Estimation instructions
Asset management plan details	Calibration tables (details of any calibration factors programmed into the meter)	Password details (the read and time set passwords only, separated by a space; the write password is not to be recorded in MSATS)
Test and calibration program details	User access rights details (i.e. details of any end-use customer access to the metering installation such as pulse outputs)	

~~(d)~~(m) Populate the initial change request with the following information for each register:

Network tariff code additional information	Demand value 1, if the network tariff charge includes a demand component	Demand value 2, if the network tariff charge includes a second demand component
MDM contributory suffix (this can also be supplied by the MDP)		

14.5. Time Frame Rules

(n) The valid time frame rules for each jurisdiction for the respective change reason codes are shown in the Table 14-1.

Table 14-1 – Time frame rules

CR Code 2520 – Create NMI, D/stream + 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 Code 2521 – Create NMI, D/stream + Meter ~~-~~ – Child NMI~~Embedded NC~~ – Retro

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

14.6. Objection Rules

(o) The valid objection rules for the change reason codes identified in clause 14.1 are specified in Table 14-2.

Table 14-2 – Objection rules**

CR Code 2520 – Create NMI, D/stream + 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**
BADMETER	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
BADPARTY	ALL	ALL	-	-	-	-	-	-	-	-	-	-	Yes	-	-	-
NOTRESP	ALL	ALL	Yes	-	-	-	Yes	-	Yes	-	Yes	-	Yes	-	Yes	-

CR Code 2521 – Create NMI, D/stream + Meter – Child NMI - Retro

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

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

14.7. Change Request Status Notification Rules

(p) The valid change request status notification rules for the change reason codes identified in clause 14.1 are specified in Table 14-3.

Table 14-3 – Change request status notification rules**

CR Code 2520 – Create NMI, D/stream + Meter Details - Child NMI

CR Code 2521 – Create NMI, D/stream + Meter Details – Child NMI - Retro

PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change

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

~~13.~~15. MAINTAIN METERING – CREATE METERING INSTALLATION DETAILS – SMALL OR LARGE

~~13.1.~~15.1. Application [3000 3001 ~~3003~~]

Section 13 applies to the following Change Reason Codes:

Change Reason Code	Comment
3000 – Create Metering Installation Details	~~This is~~Used where the Current MPB establishes the initial set of information in MSATS about~~in regard to~~ the *metering installation* details, and there is no associated meter removal for the NMI for the same effective date. The date at which the information will apply would be a Prospective Day~~te~~.
3001 – Create Metering Installation Details – Retrospective	~~This is~~Used where the Current MPB establishes the initial set of information in MSATS about~~in regard to~~ the *metering installation* details, and there is no associated meter removal for the NMI for the same effective date to apply from a Retrospective Day.
~~3003 – Create Meter Details – Retrospective (Tier 1 only)~~	~~This is where the Current MPB establishes the initial set of information in MSATS in regard to the *metering installation* details, and there is no associated meter removal for the NMI for the same effective date for a *connection point* for a Tier 1 Site to apply from a Retrospective Day.~~ ~~This Change Request is related to Change Request 3001 but has different Change Request Status Notification Rules.~~

~~13.2.~~15.2. 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.

~~(d) In order to use Change Reason Code 3003, the *NMI* must have been a *NMI* for a Tier 1 Site for all its life.~~

~~13.3.~~15.3. Initiating Roles

A Current MPB may initiate a Change Request to create *metering installation* records in MSATS in accordance with section **Error! Reference source not found.**.

~~13.4.~~15.4. 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 (for each meter)	Meter Status (for each meter)	Register ID (at least one for each meter)
Register ID Status (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)	

(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:

~~(d)~~(e) Populate the Change Request with the following information for each meter:

Additional site information	Meter hazard	Next Scheduled Read Date
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 Code	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-use~~ End User access to the *metering installation* such as pulse outputs)	

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

Network Tariff Code additional information	MDM contributory suffix (this can also be supplied by the MDP)	Demand value 1, if the Network Tariff charge includes a demand component
Demand value 2, if the Network Tariff charge includes a second demand component		

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

Actual End Date		

~~13.5.~~15.5. Timeframe Rules

When preparing a Change Request, the Current MPB 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 15-1.

Table 15-1 – Timeframe Rules

CR Code 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 Code 3001 – Create Meter Details – Retrospective

~~**CR Code 3003 – Create Meter Details – Retrospective (Tier 1 Only)**~~

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

~~13.6.~~15.6. Objection Rules

Objections are not permitted.

~~13.7.~~15.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section **Error! Reference source not found.** are specified in Table 15-2.

Table 15-2 – Change Request Status Notification Rules[**]

CR Code 3000 – Create Meter Details

Cr Code 3001 – Create Meter Details – Retrospective

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

~~**CR Code 3003 – Create Meter Details – Retrospective (Tier 1 Only)**~~

~~**PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change**~~

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

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

~~14.~~16. MAINTAIN METERING – EXCHANGE OF METERING INFORMATION – SMALL OR LARGE

~~14.1.~~16.1. Application [3004 3005]

Section 14 applies to the following Change Reason Codes:

Change Reason Code	Comment
3004 – Exchange of Metering information	~~This is~~Used where the Current MPB is required to provide a Prospective Change to the information in MSATS about~~in regard to~~ the *metering installation* details. The change will include the removal of at least one existing meter and the installation of at least one new meter. A minimum set of *metering installation* details for the NMI shall exist upon completion of the Change Request.
3005 – Exchange of Metering information – Retrospective	Used ~~This is~~ where the Current MPB is required to provide a ~~Pro~~Retrospective Change to the information in MSATS about~~in regard to~~ the *metering installation* details. The change will include the removal of at least one existing meter and the installation of at least one new meter. A minimum set of *metering installation* details for the NMI shall exist upon completion of the Change Request.

~~14.2.~~16.2. 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.

(e) The Meter Serial ID for the installed *meter* shall be different to the existing Meter Serial ID for the same *NMI*.

~~14.3.~~16.3. Initiating Roles

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

~~(a) A minimum set of *metering installation* details for the *NMI* shall exist upon completion of the Change Request.~~

~~14.4.~~16.4. 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*	NMI Checksum
Meter Serial ID (for each meter)		

(d) For all *meters* associated to the *NMI*, where the Meter Status Code is to be “C” populate the Change Request with the following information (where this information does not currently exist in MSATS):

Meter status (for each *meter*)	Metering Installation Type (for each *meter*)	

(e) For all *meters* associated to the *NMI*, where the Register ~~ID~~ 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 ~~ID~~ Identification 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)

~~(f)~~

(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:

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

Additional site information	Next Scheduled Read Date	Meter location
Meter hazard	Meter route	Meter use
Meter point	Meter manufacturer	Meter model
Transformer location	Transformer type	Transformer ratio
Meter constant	Last test date	Next test date
Test result accuracy	Test result notes	Test performed by
Measurement type	Meter program	~~Meter~~ Read Type Code
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)	MDM contributory suffix (this can also be supplied by the MDP)
Network Tariff Code additional information	Demand value 1, if the Network Tariff charge includes a demand component	Demand value 2, if the Network Tariff charge includes a second demand component

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

Actual End Date		

~~(h)(a) 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)(i) Change the Network Tariff Code to ensure that the current information provided in MSATS is the latest information available from the Current LNSP.~~

~~14.5.~~16.5. Timeframe Rules

When preparing a Change Request, the Current MPB 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 16-1.

Table 16-1 – Timeframe Rules

Cr Code 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 Code 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

~~14.6.~~16.6. Objection Rules

Objections are not permitted.

~~14.7.~~16.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 16.1 are specified in Table 16-2.

Table 16-2 – Change Request Status Notification Rules**

Cr Code 3004 – Exchange of Metering Information

Cr Code 3005 – Exchange of Metering Information – Retrospective

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

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

~~15.~~17. MAINTAIN METERING – CHANGE METERING INSTALLATION DETAILS – SMALL OR LARGE

~~15.1.~~17.1. Application [3050 3051 ~~3053~~]

Section 15 applies to the following Change Reason Codes:

Change Reason Code	Comment
3050 – Change Metering Installation Details	Used ~~This is~~ 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 ~~This is~~ 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 to apply from a Retrospective Day.
~~3053 – Change Meter Details – Retrospective (Tier 1 only)~~	~~This is where the Current MPB is required to make a Retrospective Change to the *metering installation* details in MSATS for a *connection point* for a Tier 1 Site. Each Meter Serial ID must exist in MSATS and a minimum set of *metering installation* details for the NMI shall exist upon Completion.~~ ~~This Change Request is related to Change Request 3051 but has different Change Request Status Notification Rules.~~

~~15.2.~~17.2. 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.

~~(d) In order to use Change Reason Code 3053, the *NMI* must have been a *NMI* for a Tier 1 Site for all its life.~~

~~15.3.~~17.3. Initiating Roles

A Current MPB may initiate a Change Request to change *metering installation* records in MSATS in accordance with section 17.4.

~~15.4.~~17.4. 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 all meters associated to the *NMI*, where the Meter Status Code is to be "C" populate the Change Request with the following information (where this information does not currently exist in MSATS):

Meter status	Metering Installation Type Code	

(e) For all Register IDs~~Identifiers~~ associated to the *NMI*, where the Register ~~ID~~ Identifier Status Code is to be "C" populate the Change Request with the following information:

Register ID	Register ID status	Actual / cumulative indicator

Controlled Load indicator	Dial format	Multiplier value
Time of day code	Unit of measure code	Network Tariff Code

(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:

~~(f)~~(g) Populate the Change Request with the following information:

MDM contributory suffix (for a register)	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 Code	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 charge includes a demand component	User access rights details (i.e. details of any ~~end-use~~ End User access to the *metering installation* such as pulse outputs)
Network Tariff Code additional information	Demand value 2, if the Network Tariff charge includes a second demand component	

~~(g)~~(h) For Change Reason Code 3051~~ and 3053~~, populate the Change Request with:

Actual End Date		

~~15.5.~~17.5. Timeframe Rules

When preparing a Change Request, the Current MPB 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 17-1.

Table 17-1 – Timeframe Rules

CR Code 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 Code 3051 – Change Meter Details – Retrospective

~~**CR Code 3053 – Change Meter Details – Retrospective (Tier 1 Only)**~~

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

~~15.6.~~17.6. Objection Rules

Objections are not permitted.

~~15.7.~~17.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 17.1 are Specified In Table 17-2.

Table 17-2 – Change Request Status Notification Rules**

CR Code 3050 – Change Meter Details

CR Code 3051 – Change Meter Details – Retrospective

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

~~**CR Code 3053 – Change Meter Details – Retrospective (Tier 1 Only)**~~

~~**PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change**~~

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

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

~~16.~~18. MAINTAIN METERING – ADVANCED CHANGE METERING INSTALLATION DETAILS – SMALL OR LARGE

~~16.1.~~18.1. Application [3080 3081]

Section 16 applies to the following Change Reason Codes:

Change Reason Code	Comment
3080 – Advanced Change Metering Installation Details	Used ~~This is~~ 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 ~~This is~~ 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.

~~16.2.~~18.2. 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.

~~16.3.~~18.3. Initiating Roles

(a) A Current MC may initiate a Change Request to change and create *metering installation* records in MSATS in accordance with section 18.4.

(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.

~~(c) A minimum set of *metering installation* details for the *NMI* shall exist upon completion of the Change Request.~~

~~16.4.~~18.4. MC~~Metering Coordinator~~ 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 all *meters* associated to the *NMI*, where the Meter Status Code is to be "C", populate the Change Request with the following (where this information does not currently exist in MSATS):

Meter status (for each meter)	The Metering Installation Type (for each *meter*);	

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

Register ID	Register ID status (for each Register ID)	Unit of measure code (for each Register ID)
Multiplier value (for each Register ID)	Time of day code (for each Register ID)	Dial format (for each Register ID)
Network Tariff Code (for each Register ID)	Controlled Load indicator (for each Register ID)	Actual / cumulative indicator (for each Register ID)

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

NMI suffix	Datastream type (for each suffix)	Profile Name (for each suffix)
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	Next Scheduled Read Date	Meter location
Meter hazard	Meter route	Meter use
Meter point	Meter manufacturer	Meter model
Transformer location	Transformer type	Transformer ratio
Meter constant	Last test date	Next test date
Test result accuracy	Test result notes	Test performed by
Measurement type	Meter program	~~Meter~~ Read Type Code
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)	

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

Network Tariff Code additional information	MDM contributory suffix (this can also be supplied by the MDP)	Demand value 1, if the Network Tariff charge includes a demand component
Demand value 2, if the Network Tariff charge includes a second demand component		

(i) For 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.

~~16.5.~~18.5. Timeframe Rules

When preparing a Change Request, the Current M~~<~~C 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 18-1.

Table 18-1– Timeframe Rules

CR Code 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 Code 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

~~16.6.~~18.6. Objection Rules

The 'yes' Roles specified in Table 18-2 may Object using the Objection Codes indicated against their Roles.

Table 18-2– Objection Rules**

CR Code 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 Code 3081 – Advanced Change Metering Installation Details – Retrospective

Objection Code	**NMI Class**	**Jur'n**	**FRMP**		**LR**		**MDP**		**MPB**		**ROLR**		**RP**		**LNSP**	
			N	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**
DECLINED	ALL	ALL	-	-	-	-	Yes	-	Yes	-	-	-	-	-	-	-
BADDATA	ALL	NSW VIC SA	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-

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

~~16.7.~~18.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for Change Reason Codes identified in section 18.1 are specified in Table 18-3.

Table 18-3 – Change Request Status Notification Rules**

Cr Code 3080 – Advanced Change Metering Installation Details

Cr Code 3081 – Advanced Change Metering Installation Details – Retrospective

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

Status Change	**FRMP**		**LR**		**LNSP**		**MDP**		**MPB**		**RoLR**		**RP**	
	N	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**
CANCELLED	-	Yes	-	-	~~-~~	Yes~~-~~	Yes	Yes	Yes	Yes	-	-	-	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

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

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

~~17.~~19. MAINTAIN METERING – ADVANCED EXCHANGE OF METERING – SMALL OR LARGE

~~17.1.~~19.1. Application [3090 3091]

Section 17 applies to the following Change Reason Codes:

Change Reason Code	Comment
3090 – Advanced Exchange of Metering	Used ~~This is~~ 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 ~~This is~~ 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.

~~17.2.~~19.2. 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.

(e) The Meter Serial ID for the installed *meter* shall be different to the existing Meter Serial ID for the same *NMI*.

~~17.3.~~19.3. Initiating Roles

(a) A Current MC may initiate a Change Request to change and create *metering installation* records in MSATS in accordance with section 19.4.

(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.

~~(c) A minimum set of *metering installation* details for the *NMI* shall exist upon Completion of the Change Request.~~

~~17.4.~~19.4. MC~~Metering Coordinator~~ 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 all *meters* associated to the *NMI*, where the Meter Status Code is to be “C” populate the Change Request with the following information (where this information does not currently exist in MSATS):

Metering Installation Type (for each meter)	Meter status (for each meter)	

(e) For all *meters* associated to the *NMI*, where the Register ID Status is to be "C" populate the Change Request with the following information (where this information does not currently exist in MSATS):

Register ID	Register ID status (for each Register ID)	Unit of measure code (for each Register ID)
Multiplier value (for each Register ID)	Time of day code (for each register ID)	Dial format (for each register ID)
Network Tariff Code (for each Register ID)	Controlled Load indicator (for each Register ID)	Actual / cumulative indicator (for each Register ID)

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

NMI suffix	Datastream type (for each suffix)	Profile Name (for each suffix)
Daily average load (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	Next Scheduled Read Date	Meter location
Meter hazard	Meter route	Meter use
Meter point	Meter manufacturer	Meter model
Transformer location	Transformer type	Transformer ratio
Meter constant	Last test date	Next test date
Test result accuracy	Test result notes	Test performed by
Measurement type	Meter program	~~Meter~~ Read Type Code
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)	

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

Network Tariff Code additional information	MDM contributory suffix (this can also be supplied by the MDP)	Demand value 1, if the Network Tariff charge includes a demand component
Demand value 2, if the Network Tariff charge includes a second demand component		

(i) For 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.

~~17.5.~~19.5. Timeframe Rules

When preparing a Change Request, the Current MC 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 19-1**.**

Table 19-1 – Timeframe Rules

CR code 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

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

~~17.6.~~19.6. Objection Rules

The 'yes' Roles specified in Table 19-2 may Object using the Objection Codes indicated against their Roles.

Table 19-2 – Objection Rules**

CR Code 3090 – Advanced Exchange of Metering

Objection Code	**NMI Class**	**Jur'n**	**FRMP**		**LR**		**MDP**		**MPB**		**RoLR**		**RP**		**LNSP**	
			N	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**
DECLINED	ALL	ALL	-	-	-	-	Yes	-	Yes	-	-	-	-	-	-	-

CR Code 3091 – Advanced Exchange of Metering – Retrospective

Objection Code	**NMI Class**	**Jur'n**	**FRMP**		**LR**		**MDP**		**MPB**		**RoLR**		**RP**		**LNSP**	
			N	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**
DECLINED	ALL	ALL	-	-	-	-	Yes	-	Yes	-	-	-	-	-	-	-
BADDATA	ALL	NSW VIC SA	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-

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

~~17.7.~~19.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for Change Reason Codes identified in section 19.1 are specified in Table 19-3.

Table 19-3 – Change Request Status Notification Rules**

Cr Code 3090 – Advance Exchange of Metering

Cr Code 3091 – Advance Exchange of Metering – Retrospective

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

~~18.~~20. MAINTAIN METERING – CHANGE NETWORK TARIFF CODE – SMALL OR LARGE

~~18.1.~~20.1. Application [3100 3101]

Section 18 applies to the following Change Reason Codes:

Change Reason Code	Comment
3100 – Change Network Tariff	Used ~~This is~~ 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 ~~This is~~ 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.

~~18.2.~~20.2. 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.

~~18.3.~~20.3. 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 20.4.

~~18.4.~~20.4. 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	

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		

~~18.5.~~20.5. 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 20-1.

Table 20-1 – Timeframe Rules

CR Code 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 Code 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

~~18.6.~~20.6. Objection Rules

Objections are not permitted.

~~18.7.~~20.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 20.1 are specified in Table 20-2.

Table 20-2 – Change Request Status Notification Rules**

CR Code 3100 – Change Network Tariff

CR Code 3101 – Change Network Tariff – Retrospective

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

Status 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.

~~19.~~21. MAINTAIN DATASTREAM – CREATE NMI ~~MDM~~ DATASTREAM –SMALL OR LARGE

~~19.1.~~21.1. Application [4000 4001 ~~4003~~]

Section 19 applies to the following Change Reason Codes:

Change Reason Code	Comment
4000 – Create NMI ~~MDM~~ Datastream Details	Used ~~This is~~ where the Current MDP establishes the initial set of information in MSATS about~~in regard to~~ the NMI ~~MDM~~ Datastream details, and there is no associated Datastream status change to inactive for the NMI for the same effective date. The date at which the information will apply would be a Prospective Day~~te~~.
4001 – Create NMI ~~MDM~~ Datastream Details – Retrospective	Used ~~This is~~ where the Current MDP establishes the initial set of information in MSATS about~~in regard to~~ the NMI ~~MDM~~ Datastream details, and there is no associated Datastream status change to inactive for the NMI for the same effective date to apply from a Retrospective Day.
~~4003 – Create NMI MDM Datastream – Retrospective (Tier 1 only)~~	~~This is where the Current MDP establishes the initial set of information in MSATS in regard to the NMI MDM Datastream details for a *connection point* for a Tier 1 Site to apply from a Retrospective Day.~~ ~~This Change Request is related to Change Request 4001 but has different Change Request Status Notification Rules.~~

~~19.2.~~21.2. Conditions Precedent

(a) The *NMI* exists in MSATS.

(b) The NMI ~~MDM~~ Datastream details do not exist in MSATS

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

~~(d) In order to use Change Reason Code 4003, the *NMI* must have been a NMI for a Tier 1 Site for all its life.~~

~~19.3.~~21.3. Initiating Roles

A Current MDP may initiate a Change Request to create an NMI ~~MDM~~ Datastream in MSATS in accordance with section 21.4.

~~19.4.~~21.4. 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)	Daily average load (for each suffix)
Datastream Status Code (for each suffix)		

(d) Obtain the ~~average daily load~~ADL from the LNSP if this value is not otherwise provided by the New FRMP.

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

Actual End Date		

~~19.5.~~21.5. 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 21-1.

Table 21-1 – Timeframe Rules

CR Code 4000 – Create NMI ~~MDM~~ 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 Code 4001 – Create NMI ~~MDM~~ Datastream Details – Retrospective

~~CR Code 4003 – Create NMI MDM Datastream – Retrospective (Tier 1 Only)~~

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

~~19.6.~~21.6. Objection Rules

Objections are not permitted.

~~19.7.~~21.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 21.1 are specified in Table 21-2.

Table 21-2 – Change Request Status Notification Rules[**]

CR Code 4000 – Create NMI ~~MDM~~ Datastream Details

CR Code 4001 – Create NMI ~~MDM~~ Datastream Details – Retrospective

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

~~CR Code 4003 – Create NMI MDM Datastream – Retrospective (Tier 1 Only)~~

~~PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change~~

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

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

~~20.~~22. MAINTAIN DATASTREAM – EXCHANGE OF DATASTREAM INFORMATION SMALL OR LARGE

~~20.1.~~22.1. Application [4004 4005]

Section 20 applies to the following Change Reason Codes:

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

~~20.2.~~22.2. 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.

~~20.3.~~22.3. Initiating Roles

A Current MDP may initiate a Change Request to exchange Datastream records in MSATS in accordance with section 22.4.

~~(a) A minimum set of MDM Datastream details for the *NMI* shall exist upon completion of the Change Request.~~

~~20.4.~~22.4. 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		

~~20.5.~~22.5. Timeframe Rules

When preparing a Change Request, the Current MDP must choose, for the identified Change Reason Codes, a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown in Table 22-1.

Table 22-1 – Timeframe Rules

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

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

~~20.6.~~22.6. Objection Rules

Objections are not permitted.

~~20.7.~~22.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 22.1 are specified in Table 22-2.

Table 22-2 – Change Request Status Notification Rules**

Cr Code 4004 – Exchange of Datastream Information

Cr Code 4005 – Exchange of Datastream Information – Retrospective

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

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

~~21.~~23. MAINTAIN DATASTREAM – CHANGE ~~MDM~~ NMI DATASTREAM – SMALL OR LARGE

~~21.1.~~23.1. Application [4050 4051 ~~4053~~]

Section 21 applies to the following Change Reason Codes:

Change Reason Code	Comment
4050 – Change NMI ~~MDM~~ Datastream	Used ~~This is~~ where the Current MDP is required to make a Prospective Change to the NMI ~~MDM~~ Datastream in MSATS. Each Datastream must exist in MSATS and a minimum set of NMI ~~MDM~~ Datastream details for the NMI shall exist upon Completion.
4051 – Change NMI ~~MDM~~ Datastream – Retrospective	Used ~~This is~~ where the Current MDP is required to make a Retrospective Change to the NMI ~~MDM~~ Datastream in MSATS . Each Datastream must exist in MSATS and a minimum set of NMI ~~MDM~~ Datastream details for the NMI shall exist upon Completion.
~~4053 – Change NMI MDM Datastream – Retrospective (Tier 1 only)~~	~~This is where the Current MDP is required to make a Retrospective Change to the NMI MDM Datastream in MSATS for a *connection point* for a Tier 1 Site. Each Datastream must exist in MSATS and a minimum set of NMI MDM Datastream details for the NMI shall exist upon Completion.~~ ~~This Change Request is related to Change Request 4051 but has different Change Request Status Notification Rules.~~

~~21.2.~~23.2. 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.

~~(d) In order to use Change Reason Code 4053, the *NMI* must have been a NMI for a Tier 1 Site for all its life.~~

~~21.3.~~23.3. Initiating Roles

A Current MDP may initiate a Change Request to change an NMI ~~MDM~~ Datastream in MSATS in accordance with section 23.4.

~~(a) A minimum set of MDM Datastream details for the *NMI* shall exist upon completion of the Change Request.~~

~~21.4.~~23.4. 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 *meters* associated to the *NMI* suffix, where the Datastream Status Code is to be “A”, populate the Change Request with the following information (where this information does not currently exist in MSATS):

Datastream type	Profile Name	Daily average load
Datastream Status Code		

The Current MDP may:

(e) Populate the 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		

~~21.5.~~23.5. 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 23-1.

Table 23-1 – Timeframe Rules

CR Code 4050 – Change NMI ~~MDM~~ 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 Code 4051 – Change NMI ~~MDM~~ Datastream Details – Retrospective

~~CR Code 4053 – Change NMI MDM Datastream – Retrospective (Tier 1 Only)~~

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

~~21.6.~~23.6. Objection Rules

Objections are not permitted.

~~21.7.~~23.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 23.1 are specified in Table 23-2.

Table 23-2 – Change Request Status Notification Rules[**]

CR Code 4050 – Change NMI ~~MDM~~ Datastream Details

CR Code 4051 – Change NMI ~~MDM~~ Datastream Details – Retrospective

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

~~CR Code 4053 – Change NMI MDM Datastream – Retrospective (Tier 1 Only)~~

~~PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change~~

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

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

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

~~22.~~24. MAINTAIN NMI – UPDATE NEXT SCHEDULED READ DATE – SMALL OR LARGE

~~22.1.~~24.1. Application [5070 5071]

Section 22 applies to the following Change Reason Codes:

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

~~22.2.~~24.2. Conditions Precedent

(a) The *NMI* exists in MSATS.

(b) The NMI Classification Code is SMALL or, if the NMI Classification Code is LARGE, it only applies to non-remotely read ~~*sites*~~*meters*~~, i.e. Tier 1 Sites~~.

~~22.3.~~24.3. Initiating Roles

A Current MDP may initiate a Change Request to submit the Next Scheduled Read Date to MSATS in accordance with section 24.4.

~~22.4.~~24.4. 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
Next Scheduled Read Date		

The Current MDP may:

(d) Obtain the Meter Reading frequency from the New FRMP.

(e) Obtain the Meter Reading schedule from the MPC or MC.

~~22.5.~~24.5. 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 24-1.

Table 24-1 – Timeframe Rules

CR Code 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 Code 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

~~22.6.~~24.6. Objection Rules

Objections are not permitted.

~~22.7.~~24.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 24.1 are specified in Table 24-2.

Table 24-2 – Change Request Status Notification Rules**

CR Code – 5070 – Update Next Scheduled Read Date

CR Code – 5071 – Update Next Scheduled Read Date – 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPLETED	-	Yes	-	-	-	-	-	-	-	-	-	-	-	-
OBJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PENDING	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REJECTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-
REQUESTED	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

~~23.~~25. MAINTAIN NMI – BACKDATE A NMI – SMALL OR LARGE

~~23.1.~~25.1. Application [5001 5021]

Section 23 applies to the following Change Reason Codes:

Change Reason Code	Comment
5001 – Backdate NMI Start Date	Used ~~This is~~ 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 ~~This is~~ where AEMO, on request from an ENM, or the ENM, backdates the initial set of information in MSATS about a *child connection point*.

~~23.2.~~25.2. Conditions Precedent

(a) The *NMI* exists in MSATS.

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

~~23.3.~~25.3. Initiating Roles

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

~~23.4.~~25.4. LNSP Requirements (5001 only)

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

(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

(d) Populate the Change Request with values for the following address fields (as appropriate):

EITHER

DPID	Flat number	Flat type
Floor number	Floor type	House number
House number suffix	Location descriptor	Lot number
Street name	Street suffix	Street type

OR

Unstructured Address 1	Unstructured Address 2	Unstructured Address 3

The LNSP may:

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

Parent Name	Building name	Feeder Class

Customer Threshold Code		

~~23.5.~~25.5. ENM Requirements (5021 only)

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

(a) Obtain the NMI Checksum from an approved source. Confirm that the *NMI* is still a valid *NMI* for the *connection point*.

(b) Provide AEMO with values for the following data items:

Change Reason Code	Participant transaction ID	*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~~which must be themselves~~	NMI Status Code	Locality
State	Postcode	

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

EITHER

DPID	Flat number	Flat type
Floor number	Floor type	House number
House number suffix	Location descriptor	Lot number
Street name	Street suffix	Street type

OR

Unstructured Address 1	Unstructured Address 2	Unstructured Address 3

The ENM~~LR~~ may provide AEMO with the following information:

Parent Name	Building name	Feeder Class
Customer Threshold Code		

~~23.6.~~25.6. AEMO Requirements

AEMO must, on request from an LNSP, populate a Change Request with the data provided by the LNSP in accordance with section 25.4 (CR5001) or ENM in accordance with section 25.5 (CR5021).

~~23.7.~~25.7. MPB Requirements

The New MPB must, on receipt of ~~the~~ a Completed notification, backdate the *metering installation* details ~~to MSATS~~ using Change Reason Code 3001.

~~23.8.~~25.8. Timeframe Rules

When preparing a Change Request, AEMO or the LNSP (as applicable) 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 25-1.

Table 25-1 – Timeframe Rules

CR Code 5001 – Backdate NMI Start Date

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

CR Code 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

~~23.9.~~25.9. Objection Rules

The 'yes' Roles specified in Table 25-2 may Object using the Objection Codes indicated against their Roles.

Table 25-2 – Objection Rules**

CR Code 5001 – Backdate NMI Start Date

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

CR Code 5021 – Backdate NMI Start Date – Child

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

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

~~23.10.~~25.10. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 25.1 are specified in Table 25-3.

Table 25-3 – Change Request Status Notification Rules**

CR Code 5001 – Backdate NMI Start Date

CR Code 5021 – Backdate NMI Start Date – Child

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	-
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.

~~24.~~26. MAINTAIN NMI – CHANGE A NMI – SMALL OR LARGE

~~24.1.~~26.1. Application [5050 5051 ~~5053~~]

Section 24 applies to the following Change Reason Codes:

Change Reason Code	Comment
5050 – Change NMI Details	Used ~~This is~~ where the Current LNSP is required to make a Prospective Change to the set of information in MSATS about~~in regard to~~ a *connection point*.
5051 – Change NMI Details – Retrospective	Used ~~This is~~ where the Current LNSP is required to make a Retrospective Change to the information in MSATS about~~in regard to~~ a *connection point*.
~~5053 – Change NMI Details – Retrospective (Tier 1 only)~~	~~This is where the Current LNSP is required to make a Retrospective Change to the information in MSATS in regard to a *connection point* for a Tier 1 Site.~~ ~~This Change Request is related to Change Request 5051 but has different Change Request Status Notification Rules.~~

~~24.2.~~26.2. Conditions Precedent

(a) The *NMI* exists in MSATS.

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

~~(c) In order to use Change Reason Code 5053, the *NMI* must have been a *NMI* for a Tier 1 Site for all its life.~~

~~24.3.~~26.3. Initiating Roles

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

~~24.4.~~26.4. 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

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

Actual End Date		

~~24.5.~~26.5. Timeframe Rules

When preparing a Change Request, the Current 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 26-1.

Table 26-1 – Timeframe Rules

CR Code 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 Code 5051 – Change NMI Details – Retrospective

~~**CR Code 5053 – Change NMI Details – Retrospective (Tier 1 Only)**~~

~~**Objection Logging Period (*business days*)**~~	~~**Objection Clearing Period (*business days*)**~~	~~**Retrospective Period (*business days*)**~~	~~**Prospective Period (*business days*)**~~
~~0~~	~~0~~	~~140~~	~~0~~

~~24.6.~~26.6. Objection Rules

The 'yes' Roles specified in Table 26-2 may Object using the Objection Codes indicated against their Roles.

Table 26-2 – Objection Rules**

CR Code 5050 – Change NMI Details

CR Code 5051 – Change NMI Details – Retrospective

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

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

~~24.7.~~26.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 26.1 are specified in Table 26-3.

Table 26-3 – Change Request Status Notification Rules**

CR Code 5050 – Change NMI Details

CR Code 5051 – Change NMI Details – Retrospective

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

~~**CR Code 5053 – Change NMI Details – Retrospective (Tier 1 Only)**~~

~~**PARTICIPANT ROLE & ROLE STATUS – Receives Notification of Change**~~

~~**Status Change**~~	~~**FRMP**~~		~~**LR**~~		~~**LNSP**~~		~~**MDP**~~		~~**MPB**~~		~~**RoLR**~~		~~**RP**~~	
	~~**N**~~	~~**C**~~	~~**N**~~	~~**C**~~	~~**N**~~	~~**C**~~	~~**N**~~	~~**C**~~	~~**N**~~	~~**C**~~	~~**N**~~	~~**C**~~	~~**N**~~	~~**C**~~
~~CANCELLED~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~Yes~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~
~~COMPLETED~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~

~~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~~	~~-~~	~~Yes~~	~~-~~	~~-~~	~~-~~	~~Yes~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~
~~REQUESTED~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~	~~-~~

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

~~25.~~27. MAINTAIN NMI – CHANGE A NMI – CUSTOMER CLASSIFICATION CODE – SMALL OR LARGE

~~25.1.~~27.1. Application [5054 5055]

Section 25 applies to the following Change Reason Codes:

Change Reason Code	Comment
5054 – Change NMI Details – Customer Classification Code	Used ~~This is~~ 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 ~~This is~~ where the Current FRMP is required to make a Retrospective Change to the Customer Classification Code.

~~25.2.~~27.2. Conditions Precedent

(a) The *NMI* exists in MSATS.

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

~~25.3.~~27.3. Initiating Roles

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

~~25.4.~~27.4. 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

The Current FRMP may, for CR5055, populate the Change Request with the:

Actual End Date		

~~25.5.~~27.5. Timeframe Rules

When preparing a Change Request, the Current 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 27-1.

Table 27-1 – Timeframe Rules

CR Code 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 Code 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

~~25.6.~~27.6. Objection Rules

Objections are not permitted.

~~25.7.~~27.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 27.1 are specified in Table 27-2.

Table 27-2 – Change Request Status Notification Rules**

CR Code 5054 – Change NMI Details Customer Classification Code

CR Code 5055 – Change NMI Details Customer Classification Code – Retrospective

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

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

~~26.~~28. MAINTAIN NMI – CHANGE NMI EMBEDDED NETWORK (CHILD) – SMALL OR LARGE

~~26.1.~~28.1. Application [5060 5061]

Section 26 applies to the following Change Reason Codes:

Change Reason Code	Comment
5060 – Change NMI Details – Child	Used ~~This is~~ where the Current ENM is required to make a Prospective change to the information in MSATS ~~in regard to~~about a *connection point* that is connected to an *embedded network*.
5061 – Change NMI Details – Child – Retrospective	Used ~~This is~~ where the Current ENM is required to provide a Retrospective Change to the information in MSATS ~~in regard to~~about a *connection point* that is connected to an *embedded network*.

~~26.2.~~28.2. Conditions Precedent

(a) The *NMI* exists in MSATS.

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

~~26.3.~~28.3. Initiating Roles

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

~~26.4.~~28.4. 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~~LR~~ may:

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

TNI Code	DLF Code	NMI Classification Code
Jurisdiction Code	NMI Status Code	Parent Name
Child Name	Locality	State
Postcode	Building name	DPID
Flat number	Flat type	Floor number
Floor type	House number	House number suffix
Location descriptor	Lot number	Street name
Street suffix	Street type	Unstructured Address 1
Unstructured Address 2	Unstructured Address 3	Feeder Class
Customer Threshold Code		

(e) For CR5061, populate the Change Request with the following information:

Actual End Date		

~~26.5.~~28.5. Timeframe Rules

When preparing a Change Request, the ENM 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 28-1.

Table 28-1 – Timeframe Rules

CR Code 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 Code 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

~~26.6.~~28.6. Objection Rules

Objections are not permitted.

~~26.7.~~28.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 28.1 are specified in Table 28-2.

Table 28-2 – Change Request Status Notification Rules**

CR Code 5060 – Change NMI Details – Child

CR Code 5061 – Change NMI Details – Child – Retrospective

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

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

~~27.~~29. MAINTAIN NMI – CHANGE PARENT NAME – SMALL OR LARGE

~~27.1.~~29.1. Application [5080 5081]

Section 27 applies to the following Change Reason Codes:

Change Reason Code	Comment
5080 – Change Parent Name	Used ~~This is~~ where the ~~either the Current FRMP or the~~ Current LNSP is required to apply a Prospective Change to the Parent Name.
5081 – Change Parent Name – Retrospective	Used ~~This is~~ where ~~either the Current FRMP or~~ the Current LNSP is required to apply a Retrospective Change to the Parent Name.

~~27.2.~~29.2. Conditions Precedent

(a) The *NMI* exists in MSATS.

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

~~27.3.~~29.3. Initiating Roles

~~(a) A Current FRMP may initiate a Change Request to change the Parent Name in accordance with section 27.4.~~

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

~~27.4. 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 the Change Request with the following information:~~

~~Change Reason Code~~	~~Participant transaction ID~~	~~*NMI* and NMI Checksum~~
~~Participant ID~~	~~Proposed Change Date~~	~~Parent Name~~

~~The Current FRMP may, for Retrospective Changes, populate the Change Request with the following information:~~

~~Actual End Date~~		

~~27.5.~~29.4. 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

The Current LNSP may, for Change Reason Code 5081, populate the Change Request with the following information:

Actual End Date		

~~27.6.~~29.5. Timeframe Rules

When preparing a Change Request, the ~~Current FRMP or~~ Current LNSP (as applicable) 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 29-1.

Table 29-1 – Timeframe Rules

CR Code 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 Code 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

~~27.7.~~29.6. Objection Rules

Objections are not permitted.

~~27.8.~~29.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 29.1 are specified in Table 29-2.

Table 29-2 – Change Request Status Notification Rules**

CR Code 5080 – Change Parent Name

CR Code 5081 – Change Parent Name – Retrospective

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

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

~~28.~~30. MAINTAIN NMI – MAKE NMI A CHILD NMI – SMALL OR LARGE

~~28.1.~~30.1. Application [5090 5091]

Section 28 applies to the following Change Reason Codes:

Change Reason Code	Comment
5090 – Make a NMI a Child NMI	Used ~~This is~~ where the New ENM is required to provide MSATS with name of an *embedded network* for a Child NMI and the name of the New ENM. The date at which the information will apply would be a Prospective Day.
5091 – Make a NMI a Child NMI – Retrospective	Used ~~This is~~ where the New ENM is required to provide MSATS with name of an *embedded network* for a Child NMI and the name of the New ENM to apply from a Retrospective Day.

~~28.2.~~30.2. Conditions Precedent

The *NMI* exists in MSATS.

~~28.3.~~30.3. Initiating Roles

A New ENM ~~or AEMO~~ may initiate a Change Request to assign to a *NMI* a Child Name ~~embedded network code Name in MSATS~~ in accordance with section 31.4 ~~028.4~~.

~~28.4.~~30.4. ENM Requirements

The New ENM must:

(a) Ensure that a *NMI* is already set up in MSATS as the Parent NMI for the *embedded network* to which the Child NMI belongs.

(b) Populate a Change Request to make the *NMI* a Child NMI with the following information:

Change Reason Code	Participant transaction ID	Its Participant ID
The *NMI* that is to be made a Child NMI and NMI Checksum	Proposed Change Date	The name of the New ENM
Name of the *embedded network* in which the Child *NMI* is situated (Child Name)		

~~28.5.~~30.5. Timeframe Rules

When preparing a Change Request, the New ENM 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 30-1.

Table 30-1 – Timeframe Rules

CR Code 5090 – Make a NMI a Child NMI

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

CR Code 5091 – Make a NMI a Child NMI – Retro

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

~~28.6.~~30.6. Objection Rules

Objections are not permitted.

~~28.7.~~30.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 0.1 are specified in Table 30-2.

Table 30-2 – Change Request Status Notification Rules**

CR Code 5090 – Make a NMI a Child NMI

CR Code 5091 – Make a NMI a Child NMI – Retro

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

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

~~29.~~31. CHANGE ROLE – CHANGE LNSP – SMALL OR LARGE

~~29.1.~~31.1. Application [6100 6110]

Section 29 applies to the following Change Reason Codes:

Change Reason Code	Comment
6100 – Change LNSP	Used ~~This is~~ where the New LNSP or the 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 in MSATS
6110 – Change LNSP – Retrospective	Used ~~This is~~ where the New LNSP or the 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 in MSATS.

~~29.2.~~31.2. Conditions Precedent

(a) The *NMI* exists in MSATS.

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

~~29.3.~~31.3. Initiating Roles

A New LNSP or ENM may initiate a Change Request to change a LNSP in MSATS in accordance with section 31.4.

~~29.4.~~31.4. LNSP or ENM Requirements

The New LNSP or 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.

The New LNSP may:

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

TNI Code	DLF Code	NMI Classification Code
Jurisdiction Code		

(f) For Change Reason Code 6110, populate the Change Request with:

Actual End Date		

~~29.5.~~31.5. Timeframe Rules

When preparing a Change Request, the New LNSP or ENM 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 31-1.

Table 31-1 – Timeframe Rules

CR Code 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 Code 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

~~29.6.~~31.6. Objection Rules

The 'yes' Roles specified in Table 31-2 may Object using the Objection Codes indicated against their Roles.

Table 31-2 – Objection Rules**

CR Code 6100 – Change LNSP

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

CR Code 6110 – Change LNSP – Retrospective

Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		RoLR		RP		LNSP	
			N	C	N	C	N	C	N	C	N	C	N	C	N	C
BADDATA	ALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
NOTRESP	ALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
RETRO	ALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes

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

~~29.7.~~31.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 31.1 are specified in Table 31-3.

Table 31-3 – Change Request Status Notification Rules**

CR Code 6100 – Change LNSP

CR Code 6110 – Change LNSP – Retrospective

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

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

~~30.~~32. CHANGE ROLE – CHANGE MDP – SMALL OR LARGE

~~30.1.~~32.1. Application [6200 6210]

Section 30 applies to the following Change Reason Codes:

Change Reason Code	Comment
6200 – Change MDP	Used ~~This is~~ 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 ~~This is~~ where the Current FRMP or Current MC is required to apply a Retrospective Change to the name of the Current MDP.

~~30.2.~~32.2. Conditions Precedent

(a) The NMI details exist in MSATS

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

~~30.3.~~32.3. Initiating Roles

The Current FRMP or Current MC may initiate a Change Request to change a MDP in MSATS in accordance with section 32.4 or section 32.5.

~~30.4.~~32.4. FRMP Requirements

If the Change Request is Initiated by the Current FRMP, the Current FRMP must:

(a) Obtain the NMI Checksum from an approved source.

(b) Confirm that the *NMI* is a valid *NMI* for the *connection point* prior to the Initiation of a Change Request.

(c) Populate a Change Request with the following information:

Change Reason Code	Participant transaction ID	*NMI* and NMI Checksum
Participant ID	Proposed Change Date	MDP

If the Change Request is Initiated by the Current FRMP, the Current FRMP may, for Retrospective Changes, populate the Change Request with the following information:

Actual End Date		

~~30.5.~~32.5. MC~~Metering Coordinator~~ Requirements

If the Change Request is Initiated by the Current MC, 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	MDP

If the Change Request is Initiated by the Current MC, the Current MC may, for Retrospective Changes, populate the Change Request with the following information:

Actual End Date		

~~30.6.~~32.6. Timeframe Rules

When preparing a Change Request, the Current FRMP or Current MC (as applicable) 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 32-1.

Table 32-1 – Timeframe Rules

CR Code 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 Code 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

~~30.7.~~32.7. Objection Rules

The 'yes' Roles specified in Table 30-B may Object using the Objection Codes indicated against their Roles.

Table 32-2 – Objection Rules**

CR Code 6200 – Change MDP

Objection Code	**NMI Class**	**Jur'n**	**FRMP**		**LR**		**MDP**		**MPB**		**RoLR**		**RP**		**LNSP**	
			N	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**
BADMETER	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	-	-	-	-
DECLINED	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	-	-	-	-
NOTRESP	ALL	ALL	-	-	-	-	-	Yes	-	-	-	-	-	-	-	-

CR Code 6210 – Change MDP – Retrospective

Objection Code	**NMI Class**	**Jur'n**	**FRMP**		**LR**		**MDP**		**MPB**		**RoLR**		**RP**		**LNSP**	
			N	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**
BADMETER	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	-	-	-	-
DECLINED	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	-	-	-	-
NOTRESP	ALL	ALL	-	-	-	-	-	Yes	-	-	-	-	-	-	-	-
BADDATA	SMALL	NSW VIC SA	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
BADDATA	LARGE	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-

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

~~30.8.~~32.8. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 32.1 are specified in Table 32-3.

Table 32-3 – Change Request Status Notification Rules**

CR Code 6200 – Change MDP

CR Code 6210 – Change MDP – Retrospective

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

Status 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

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

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

~~31.~~33. CHANGE ROLE – CHANGE MC~~METERING COORDINATOR~~ – SMALL OR LARGE

~~31.1.~~33.1. Application [6300 6301]

Section 31 applies to the following Change Reason Codes:

Change Reason Code	Comment
6300 – Change MC	Used ~~This is~~ where the New MC is required ~~(either by a regulatory change or due to an error in the NMI Master Record)~~ to apply a Prospective Change to the Current MC.
6301 – Change MC – Retrospective	Used ~~This is~~ where the New MC is required ~~(either by a regulatory change or due to an error in the NMI Master Record)~~ to apply a Retrospective Change to the Current MC.

~~31.2.~~33.2. Conditions Precedent

(a) The *NMI* exists in MSATS.

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

~~31.3.~~33.3. Initiating Roles

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

~~31.4.~~33.4. MC~~Metering Coordinator~~ Requirements

The New 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) Nominate itself as the New MC.

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

Actual End Date		

~~31.5.~~33.5. Timeframe Rules

When preparing a Change Request, the New MC 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 33-1.

Table 33-1 – Timeframe Rules

CR Code 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 Code 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

~~31.6.~~33.6. Objection Rules

The 'yes' Roles specified in Table 33-2 may Object using the Objection Codes indicated against their Roles.

Table 33-2 – Objection Rules**

CR Code 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**
BADPARTY	ALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	Yes	-	-

CR Code 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**
BADPARTY	ALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	Yes	-	-
RETRO	ALL	ALL	-	Yes	-	-	-	-	-	-	-	-	-	Yes	-	-

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

~~31.7.~~33.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 33.1 are specified in Table 33-3.

Table 33-3 – Change Request Status Notification Rules**

CR Code 6300 – Change MC

CR Code 6301 – Change MC – Retrospective

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

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

~~32.~~34. CHANGE ROLE – CHANGE LR – SMALL OR LARGE

~~32.1.~~34.1. Application [6400 6401]

Section 32 applies to the following Change Reason Codes:

Change Reason Code	Comment
6400 – Change LR	Used ~~This is~~ 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 ~~This is~~ 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.

~~32.2.~~34.2. Conditions Precedent

(a) The *NMI* exists in MSATS.

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

~~32.3.~~34.3. Initiating Roles

A New LR may initiate a Change Request to change a LR in MSATS in accordance with section 34.4.

~~32.4.~~34.4. 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		

~~32.5.~~34.5. Timeframe Rules

When preparing a Change Request, the New LR 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 34-1.

Table 34-1 – Timeframe Rules

CR Code 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 Code 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

~~32.6.~~34.6. Objection Rules

The 'yes' Roles specified in Table 34-2 may Object using the Objection Codes indicated against their Roles.

Table 34-2 – Objection Rules**

CR Code 6400 – Change LR

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

CR Code 6401 – Change LR – Retrospective

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

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

~~32.7.~~34.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 34.1 are specified in Table 34-3.

Table 34-3 – Change Request Status Notification Rules**

CR Code 6400 – Change LR

CR Code 6401 – Change LR – Retrospective

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

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

~~33.~~35. CHANGE ROLE – CHANGE LR – ~~EMBEDDED NETWORK (~~CHILD NMI~~)~~ – SMALL OR LARGE

~~33.1.~~35.1. Application [6421]

Section 33 applies to the following Change Reason Codes:

Change Reason Code	Comment
6421 – Change LR – Child NMI – Retrospective	Used ~~This is~~ 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.

~~33.2.~~35.2. 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.

~~33.3.~~35.3. Initiating Roles

A New LR may initiate a Change Request to change a LR in MSATS in accordance with section 35.4.

~~33.4.~~35.4. 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		

~~33.5.~~35.5. Timeframe Rules

When preparing a Change Request, the New LR must choose, for the identified Change Reason Code, a Proposed Change Date that lies between the Prospective Period and Retrospective Period, as shown Table 35-1.

Table 35-1 – Timeframe Rules

CR Code 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

~~33.6.~~35.6. Objection Rules

The 'yes' Roles specified in Table 35-2 may Object using the Objection Codes indicated against their Roles.

Table 35-2 – Objection Rules**

CR Code 6421 – Change LR Child NMI – Retrospective

Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		MPC		RP		LNSP	
			N	C	N	C	N	C	N	C	N	C	N	C	N	C
NOTRESP	ALL	ALL	-	-	-	Yes	-	-	-	-	-	-	-	-	-	-
RETRO	ALL	ALL	-	-	-	Yes	-	-	-	-	-	-	-	-	-	-

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

~~33.7.~~35.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 35.1 are specified in Table 35-3.

Table 35-3 – Change Request Status Notification Rules**

CR Code 6421 – Change LR ~~Embedded Network~~ Child NMI – Retrospective PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

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

~~34.~~36. CHANGE ROLE – CHANGE ROLR – SMALL OR LARGE

~~34.1.~~36.1. Application [6500 6501]

Section 34 applies to the following Change Reason Codes:

Change Reason Code	Comment
6500 – Change RoLR	Used ~~This is~~ 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 ~~This is~~ 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.

~~34.2.~~36.2. Conditions Precedent

(a) The *NMI* exists in MSATS.

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

~~34.3.~~36.3. Initiating Roles

A New RoLR may initiate a Change Request to change a RoLR in accordance with section 36.4.

~~34.4.~~36.4. 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		

~~34.5.~~36.5. Timeframe Rules

The Timeframe Rules for the Change Reason Codes identified in section 34.1 are shown in the Table 36-1.

Table 36-1 – Timeframe Rules

CR Code 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**		
~~1~~0	~~1~~0	~~10~~0	~~20~~0	0	65

CR Code 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**		
~~1~~0	~~1~~0	~~10~~0	~~20~~0	130	0

36.6. Objection Rules

Objections are not permitted.

~~34.6.~~36.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 36.1 are specified in Table 36-2.

Table 36-2 – Change Request Status Notification Rules**

CR Code 6500 – Change RoLR

CR Code 6501 – Change RoLR – Retrospective

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

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

~~35.~~37. CHANGE ROLE – CHANGE MPB OR MPC OR BOTH – SMALL OR LARGE

~~35.1.~~37.1. Application [6700 6701]

Section 35 applies to the following Change Reason Codes:

Change Reason Code	Comment
6700 – Change MPB or MPC or both	Used ~~This is~~ 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 ~~This~~ where the Current MC is required to provide a Retrospective Change the Current MPB or MPC or both.

~~35.2.~~37.2. Conditions Precedent

(a) The *NMI* exists in MSATS.

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

~~35.3.~~37.3. Initiating Roles

A Current MC may initiate a Change Request to change an MPB ~~and/~~or MPC or both in accordance with section 37.4.

~~35.4.~~37.4. MC~~Metering Coordinator~~ 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, for Retrospective Changes, populate the Change Request with the following information:

Actual End Date		

~~35.5.~~37.5. Timeframe Rules

When preparing a Change Request, the Current MC 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 37-1.

Table 37-1 – Timeframe Rules

CR Code 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 Code 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

~~35.6.~~37.6. Objection Rules

The 'yes' Roles specified in Table 37-2 may Object using the Objection Codes indicated against their Roles.

Table 37-2 – Objection Rules**

CR Code 6700 – Change MP

CR Code 6701 – Change MP – Retrospective

Objection Code	**NMI Class**	**Jur'n**	**FRMP**		**LR**		**MDP**		**MPB**		**RoLR**		**RP**		**LNSP**	
			N	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**
DECLINED	ALL	ALL	-	-	-	-	-	-	Yes	-	-	-	-	-	-	-
NOTAPRD	ALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes

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

~~35.7.~~37.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 37.1 are specified in Table 37-3.

Table 37-3 – Change Request Status Notification Rules**

CR Code 6700 – Change MP

CR Code 6701 – Change MP – 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
COMPLETED	-	Yes	-	-	-	Yes	-	Yes	Yes	Yes	-	-	-	Yes
OBJECTED	-	-	-	-	-	Yes	-	-	Yes	Yes	-	-	-	Yes
PENDING	-	-	-	-	-	-	-	-	Yes	Yes	-	-	-	Yes
REJECTED	-	-	-	-	-	Yes	-	-	Yes	Yes	-	-	-	Yes
REQUESTED	-	-	-	-	-	Yes	-	-	Yes	Yes	-	-	-	Yes

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

~~36.~~38. CHANGE ROLE – CHANGE MULTIPLE ROLES – SMALL OR LARGE

~~36.1.~~38.1. Application [6800 6801]

Section 36 applies to the following Change Reason Codes:

Change Reason Code	Comment
6800 – Change Multiple Roles	Used ~~This is~~ where the Current FRMP or Current MC is required to provide concurrent Prospective Changes to one or ~~to~~ more ~~than one~~ Roles.
6801 – Change Multiple Roles – Retrospective	Used ~~This is~~ where the Current FRMP or Current MC is required to provide concurrent Retrospective Changes to one or more ~~more than one~~ Roles.

~~36.2.~~38.2. 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.

~~36.3.~~38.3. 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 38.4.

(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 38.4.

~~36.4.~~38.4. 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
Its Participant ID	Proposed Change Date	

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

MDP	MPB	MPC
MC		

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

Actual End Date		

~~36.5.~~38.5. MC~~Metering Coordinator~~ 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		

~~36.6.~~38.6. 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~~Actual~~ Change Date being reached.

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

~~(d) For Retrospective Changes that do not require a Meter Reading, provide the Actual Change Date within 2 days of receipt of the Data Request.~~

~~36.7.~~38.7. Timeframe Rules

When preparing a Change Request, the Current MC or Current FRMP (as applicable) 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 9-A.

The Timeframe Rules for the Change Reason Codes identified in section 36.1 are shown in the Table 38-1.

Table 38-1 – Timeframe Rules

CR Code 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 Code 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

~~36.8.~~38.8. Objection Rules

The 'yes' Roles specified in Table 38-2 may Object using the Objection Codes indicated against their Roles.

Table 38-2 – Objection Rules**

CR Code 6800 – Change Multiple Roles

Objection Code	**NMI Class**	**Jur'n**	**FRMP**		**LR**		**MDP**		**MPB**		**MPC**		**RP**		**LNSP**	
			N	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**	**N**	**C**
BADMETER	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	-	-	-	-
BADPARTY	ALL	ALL	-	-	-	-	-	-	-	-	-	-	-	Yes	-	-
DATEBAD	ALL	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
DECLINED	ALL	ALL	-	-	-	-	Yes	-	Yes	-	Yes	-	Yes~~-~~	-	-	-
NOTAPRD	ALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes

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	-	Yes	-	Yes	-	-	-	-
NOACC	ALL	ALL	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-	-

CR Code 6801 – Change Multiple Roles – Retrospective

Objection Code	NMI Class	Jur'n	FRMP		LR		MDP		MPB		MPC		RP		LNSP	
			N	C	N	C	N	C	N	C	N	C	N	C	N	C
BADMETER	ALL	ALL	-	-	-	-	Yes	-	-	-	-	-	-	-	-	-
BADPARTY	ALL	ALL	-	-	-	-	-	-	-	-	-	-	-	Yes	-	-
DATEBAD	ALL	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
DECLINED	ALL	ALL	-	-	-	-	Yes	-	Yes	-	Yes	-	Yes-	-	-	-
NOTAPRD	ALL	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	Yes
NOTRESP	ALL	ALL	-	-	-	-	-	Yes	-	Yes	-	Yes	-	-	-	-
RETRO	ALL	ALL	-	-	-	-	-	-	-	-	-	-	-	Yes	-	-
BADDATA	ALL	ALL	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	-
NOACC	ALL	ALL	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes	-	-	-	-

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

~~36.9.~~38.9. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 38.1 are specified in Table 38-3.

Table 38-3 – Change Request Status Notification Rules**

CR Code 6800 – Change Multiple Roles

CR Code 6801 – Change Multiple Roles – Retrospective

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

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

~~37.~~39. AUTO CHANGE ROLE – CHANGE LOCAL RETAILER EMBEDDED NETWORK CHILD – SMALL OR LARGE

~~37.1.~~39.1. Application [ECLR]

Section 37 applies to the following Change Reason Codes:

Change Reason Code	Comment
ECLR – Change of Local Retailer – Child (Auto)	This is an automatic process triggered by MSATS whenever the FRMP is changed for a Parent NMI. Once the Parent NMI is transferred, MSATS changes the LR for each of the Child NMIs in that Parent's *embedded network*. All Participants will be notified by MSATS of this event in accordance with the notifications listed below.

~~37.2.~~39.2. Conditions Precedent

(a) The *NMI* exists in MSATS.

(b) There has been a change of FRMP of a Parent NMI ~~to an *embedded network*~~;

(c) The affected Child NMIs apply to *child connection points* within this *embedded network*.

~~37.3.~~39.3. Timeframe Rules

The Proposed Change Date for Change Reason Code ECLR changes must be within the Retrospectrive Period specified in Table 39-1.

Table 39-1 – Timeframe Rules

CR Code 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

~~37.4.~~39.4. Objection Rules

Objections are not permitted.

~~37.5.~~39.5. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 39.1 are specified in Table 39-2.

Table 39-2 – Change Request Status Notification Rules**

CR Code ECLR – Change of Local Retailer – Child (Auto)

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

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

~~38.~~40. AUTO CHANGE ROLE – CHANGE SECONDARY FRMP PARENT – SMALL OR LARGE

~~38.1.~~40.1. Application [EPFR]

Section 38 applies to the following Change Reason Codes:

Change Reason Code	Comment
EPFR – Change of FRMP – Parent (Auto)	This is an automatic process triggered by MSATS whenever the FRMP is changed ~~-~~for a Parent NMI. Once the Parent NMI is transferred, MSATS changes the FRMP on any other NMIs with the same Parent Name This occurs where embedded networks have multiple Parent NMIs. All Participants will be notified ~~by MSATS~~ of this in accordance with the Change Request Status Notification Rules~~notifications listed below.~~

~~38.2.~~40.2. Conditions Precedent

(a) The *NMI* exists in MSATS.

(b) There are additional Parent NMIs with the same Parent ~~identifier for this *embedded network*~~Name;

(c) There has been a change of FRMP of a Parent NMI~~ to an *embedded network*~~;

(d) The Parent NMIs of this *embedded network* are affected.

~~38.3.~~40.3. Timeframe Rules

The Proposed Change Date for Change Reason Code EPFR must be within the Retrospective Period specified in Table 40-1.

Table 40-1 – Timeframe Rules

CR Code 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

~~38.4.~~40.4. Objection Rules

Objections are not permitted.

~~38.5.~~40.5. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 40.1 are specified in Table 40-2.

Table 40-2 – Change Request Status Notification Rules**

CR Code EPFR – Change of FRMP – Parent (Auto)

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

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

~~39.~~41. AEMO ONLY – AEMO-INITIATED STANDING DATA UPDATES – SMALL OR LARGE

~~39.1.~~41.1. Application [5100 5101]

Section 39 applies to the following Change Reason Codes:

Change Reason Code	Comment
5100 – Correct NMI Master Data – (AEMO Only)	Used ~~This is~~ where AEMO identifies a requirement for a Prospective Change to MSATS data about a *connection point* that must either be Completed urgently (ie, in less time than it would take to change that data item, because of the allowance for an Objection Logging Period) 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 ~~This is~~ where AEMO identifies a requirement for an urgent Retrospective Change 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.

~~39.2.~~41.2. Conditions Precedent

(a) The *NMI* exists in MSATS.

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

~~39.3.~~41.3. Initiating Roles

AEMO may initiate a Change Request to create a *NMI* record in accordance with section 41.4.

~~39.4.~~41.4. 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	

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

NMI suffix (at least one)	Datastream type (for each suffix)	Daily average load (for each suffix)
Datastream Status Code (for each suffix)	Profile Name (for each suffix)	

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

Meter Serial ID (at least one)	Metering Installation Type (for each *meter*)	Meter status (for each meter)
Additional Site information	Next Scheduled Read Date	Meter location
Meter constant	Meter hazard	Meter point
Meter route	Meter use	Meter manufacturer
Meter model	Meter program	~~Meter~~ Read Type Code
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)	

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

Register ID (at least one for each *meter*)	Register ID status (for each register)	Network Tariff Code
Actual / cumulative indicator (for each register)	Controlled Load indicator (for each register)	Network Tariff Code additional information
MDM contributory suffix (this can also be supplied by the MDP)	Demand value 1, if the Network Tariff charge includes a demand component	Demand value 2, if the Network Tariff charge 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 ~~that are retrospective~~, populate the Change Request with the following information:

Actual End Date		

~~39.5.~~41.5. Timeframe Rules

When preparing a Change Request, AEMO 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 41-1.

Table 41-1 – Timeframe Rules

CR Code 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 Code 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

~~39.6.~~41.6. Objection Rules

Objections are not permitted.

~~39.7.~~41.7. Change Request Status Notification Rules

The Change Request Status Notification Rules for the Change Reason Codes identified in section 41.1 are specified in Table 41-2.

Table 41-2 – Change Request Status Notification Rules[**]

CR Code 5100 – Correct NMI Master Data – (AEMO Only)

CR Code 5101 – Correct NMI Master Data – Retrospective (AEMO Only)

PARTICIPANT ROLE ~~& ROLE STATUS~~ – Receives Notification of Change

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

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

~~40.~~42. AEMO ONLY – CHANGE ROLE, TNI OR DLF CODE – BULK CHANGE TOOL (BCT) – SMALL OR LARGE

~~40.1.~~42.1. 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.

~~(a)~~(b) The BCT can only be used by AEMO.

~~(b)~~(c) Section 40 covers changes to the following *NMI Standing Data* items:

LNSP	LR	FRMP
MDP	MPB	MPC
RP	Ro~~O~~LR	TNI Code
DLF Code		

~~(c)~~(d) Access rights to the BCT function are restricted and will only be available to a person nominated by AEMO.

~~(d)~~(e) When activated, BCT will use a unique Change Reason Code to update the data specified in the BCT request by AEMO.

~~(e)~~(f) When the BCT is used, active Change Requests may be Cancelled.

~~(f)~~(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*).

~~(g)~~(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.

~~(h)~~(i) Notification of a change to the NMI Master Record as in accordance with the Change Request Status Notifications Rules.

~~(i)~~(j) Responsibilities for requesting, authorising and implementing use of the BCT will be as per Table 42-1.

Table 42-1 – 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

~~40.2.~~42.2. 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.

~~40.3.~~42.3. Requesting Participant Requirements

Where Table 40-A indicates that a Participant may request the use of the BCT, the requesting Participant must:

(a) Provide at least one data item (data field) for change.

(b) Specify the Start and End Date (if required) for the BCT process.

(c) Ensure that all changing data items are active for the whole of the time period specified for the BCT.

(d) Ensure all impacted Participants are consulted and have provided approval for change to AEMO.

(e) Specify the notifications to be sent out for the BCT process.

(f) Specify the action required to be taken when a conflicting Change Request is found for the *NMIs* in the BCT process.

(g) Provide the selection criteria for *NMIs* to be included in the BCT from the following fields:

LNSP	LR	FRMP
MDP	MPB	MPC
RP	RoLR	TNI Code
DLF Code	Post Code	Aggregate Flag
NMI Status Code	NMI Classification Code	Jurisdiction Code
Parent Name~~Code~~ (ID or "if null" or "if not null")	Child Name~~Code~~ (ID or "if null" or "if not null")	The Tier Status (not required if both the LR and FRMP are provided as selection criteria)
NMI Limit (Maximum number of *NMIs* to be processed in the run)	Previous Bulk Change run identifier (i.e. Change all *NMIs* in a previous BCT event)	

(h) Nominate at least one of the following information for change via the BCT:

LNSP	LR	FRMP
MDP(1)	MPB(1)	MPC(1)
RP	RoLR	TNI Code
DLF Code		

Note(1): The requesting Participant must be the 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.

~~40.4.~~42.4. 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.

~~40.5.~~42.5. MDP Requirements

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

~~40.6.~~42.6. 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.

~~40.7.~~42.7. Objection Rules

Objections are not permitted.

~~40.8.~~42.8. 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.

~~41.~~43. ACCESS TO CATS STANDING DATA

~~41.1.~~43.1. Introduction

(a) This section provides the rules for access to CATS Standing Data through MSATS.

(b) Separate rules apply to CATS Standing Data that is available for NMI Discovery Search and CATS Standing Data that can be accessed by Participants with a relationship to a *NMI*.

(c) *NMI Standing Data* for NMI Discovery Search is the specified sub-set of CATS Standing Data identified in Table 43-1, Table 43-3, Table 434-I and Table 434-J.

(d) The entire set of CATS Standing Data is identified in Table 43-4, Table 43-5, Table 43-6, Table 43-7~~,~~ and

(e) Table 43-8.

~~41.2.~~43.2. Participant

(a) In accordance with Jurisdictional requirements, a Participant may seek access to *NMI Standing Data* from MSATS as set out in~~in accordance with~~ section 0 for the purpose of identifying the *NMI* attributes~~characters~~ 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 43.3.2 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 434~~.6~~ only for the purpose of:

(i) Identifying the Current FRMP so the End User can be referred to them in order to arrange ~~a site~~ abolishment of the Site from MSATS;

(ii) Identifying the Current FRMP to advise that an error correction transfer (1021, 1023, 1024 and 1029) will be raised;

(iii) Identifying the Current FRMP to obtain agreement to raise a transfer 1010 – a Retrospective Change to align to meter read;

(iv) Identifying the most recent previous FRMP to arrange with them to raise a transfer in order to win back a *NMI* transferred in error. (1022, 1025, 1026, 1027 and 1028.)

(d) A current Participant is provided with access to CATS Standing Data in MSATS in accordance with Table 43-4, Table 43-5, Table 43-6, Table 43-7,

(e) Table 43-8, Table 434-I and Table-434J.

(f) 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.

43.3. Request a NMI Discovery Search

(a) The following access to CATS Standing Data is available to a Participant in MSATS:

(i) NMI Discovery – NMI Discovery Search 1;

(ii) NMI Discovery – NMI Discovery Search 2 – *NMI Standing Data*;

(iii) CATS Standing Data.

(b) NMI Discovery Search 1 is used by a Participant to identify the *NMI* characters that have been assigned to an End User's *connection point*, as described in section 0.

(c) NMI Discovery Search 2 is used by a Participant to identify the *NMI Standing data* that has been assigned to the End User's *connection point* and is available for release in accordance with NMI Standing Data Access Rules, as provided in section 43.3.2.

(d) The CATS Standing Data Access Rules are contained in section 43.3.3.

(e) A NMI Discovery Search 1 will only be successful if information is contained in MSATS that supports one of the following three options: DPID, Meter Serial ID, and address.

~~41.3.~~43.3.1. NMI Discovery Search 1 – NMI Search Rules

(a) The NMI Search Rules define what search parameters can be used in a Jurisdiction.

(b) The available *NMI* search options are:

(i) DPID;

(ii) Meter Serial ID;

(iii) Address (without DPID).

(c) Any or all of these options can be activated. Activation is in the ascending order shown in section (b).

(d) If a search is carried out using the address option, the state and locality (or state and postcode) must also be provided.

(e) If a search is carried out using Meter Serial ID the state, locality and postcode are not required.

(f) The address information can be either structured or unstructured. If a search is carried out using the address option only all input information is expected in the structured format as the first level of search. If this level of search is not successful, a second search on unstructured format will be undertaken by MSATS.

(g) If a NMI Master Record does not contain DPID or address information, the *NMI* search will only be successful if a Meter Serial ID is provided as a search option.

(h) MSATS identifies a unique *metering installation*. The *metering installation* may be co-located with a postal delivery point but there will be instances where the *metering installation* has no postal delivery point. In recognition of this variation, MSATS enables the Participant to enter in either a structured or an Unstructured Address. The Unstructured Address should not contain state and postcode information.

(i) The NMI Search Rules also define how many matches will be returned in the case of multiple matches.

(j) If a match occurs, MSATS will return to the Participant the following:

Table 43-1

MSATS Name	Description of data items returned on a successful NMI Discovery Search request	Only if "Address returned in stage 1" is turned on
NMI	a 10 digit national metering identifier	Always returned
NMI Checksum		Always returned
LNSP	Local Network Service Provider or *Embedded Network Manager* for a *child connection point*	Always returned
Flat Type	See Table 43-5 for description	✓
Flat Number	See Table 43-5 for description	✓
Floor Type	See Table 43-5 for description	✓
Floor Number	See Table 43-5 for description	✓
Building Name	See Table 43-5 for description	✓
Location Descriptor	See Table 43-5 for description	✓
House Number	See Table 43-5 for description	✓
House Number Suffix	See Table 43-5 for description	✓
Lot Number	See Table 43-5 for description	✓

MSATS Name	Description of data items returned on a successful NMI Discovery Search request	Only if "Address returned in stage 1" is turned on
Street Name	See Table 43-5 for description	✓
Street Type	See Table 43-5 for description	✓
Street Suffix	See Table 43-5 for description	✓
Locality	See Table 43-5 for description	✓
State	See Table 43-5 for description	✓
Postcode	See Table 43-5 for description	✓
DPID Number	See Table 43-5 for description	✓
Unstructured Address1	See Table 43-5 for description	✓
Unstructured Address 2	See Table 43-5 for description	✓
Unstructured Address 3	See Table 43-5 for description	✓
EmbNet Parent	See Table 43-5 for description	✓
EmbNet Child	See Table 43-5 for description	✓
Feeder Class	See Table 43-5 for description	✓
Customer Classification Code	See Table 43-5 for description	✓
Customer Threshold Code	See Table 43-5 for description	✓

(k) No other information will be provided.

(l) The NMI Search Rules are shown in Table 43-2.

(m) 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.

(n) The ENM must only carry out a NMI Discovery Search 1 on any *NMIs* where they are the Current ENM.

Table 43-2 – 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

~~41.4.~~43.3.2. NMI Discovery Search 2 – NMI Standing Data Access Rules

(a) This section 43.3.2 specifies the *NMI Standing Data* that is available to *retailers* and NSPs who do not have Explicit Informed Consent from an End User.

(b) An LNSP must:

(i) Only carry out a NMI Discovery Search 2 on any *NMIs* where they are the Current LNSP.

(ii) Only perform NMI Discovery Search 2 activity within its local area for the purpose of responding to a request from a *retailer* to assist in the resolution of a *NMI Standing Data* problem, or to perform quality checks of its data within MSATS.

(c) The ENM must only carry out a NMI Discovery Search 2 on any *NMIs* where they are the Current ENM.

(d) The NMI Data Access Rules define:

(i) Which Role can initiate a request for *NMI Standing Data*.

(ii) Which standing data items will be returned when a request is submitted to MSATS.

(e) The NMI Data Access Rules may be defined by Jurisdiction.

(f) 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 43-3. Further details of each data item can be found in the MSATS standing data tables from the "Standing Data for MSATS" document.

Table 43-3 – Common NMI Standing Data items returned to a FRMP or LNSP for a SearchStage 2 Search

MSATS Name	Data item description	MSATS standing data table
NMI	A national metering identifier.	CATS_NMI_DATA
TNI Code	A code representing the transmission node identifier.	CATS_NMI_DATA
DLF Code	A code representing the DLF.	CATS_NMI_DATA
NMI Classification Code	See section 4.9.	CATS_NMI_DATA
Parent Name	The Embedded Network Code populated in the EmbNetParent field for a Parent NMI to indicate that the NMI is a parent for a specified *embedded network*A code representing the name of an ENM.	CATS_NMI_DATA
Child Name	The Embedded Network Code populated in the EmbNetChild field for a Child NMI to indicate that the NMI is a child for a specified *embedded network*A code representing the name of a *child connection point.*	CATS_NMI_DATA
Meter Serial ID	The serial number that uniquely identifies a *meter* for a given *NMI*.	CATS_METER_REGISTER
Next Scheduled Read Date	The Next Scheduled Read Date in date format.	CATS_METER_REGISTER
Register ID	The register ID of the register that the Network Tariff Code and Network Tariff Code additional information refers to.	CATS_REGISTER_IDENTIFIER
Network Tariff Code	A code representing the Network Tariff.	CATS_REGISTER_IDENTIFIER
Network Tariff Code Additional Information	Additional text to supplement the Network Tariff Code if this is a complex Network Tariff Code.	CATS_REGISTER_IDENTIFIER
Feeder Class	A code for logical grouping of *NMIs* based on a DNSP's distribution feeder.	CATS_NMI_DATA
Customer Classification Code	See section 4.10.1.	CATS_NMI_DATA
Customer Threshold Code	See section 4.10.2.	CATS_NMI_DATA
LNSP	A code representing the identity of the LNSP.	CATS_NMI_PARTICIPANT_RELATIONS
MDP	A code representing the identity of the MDP (Category D).	CATS_NMI_PARTICIPANT_RELATIONS
MPB	A code representing the identity of the MP (Category B).	CATS_NMI_PARTICIPANT_RELATIONS
MPC	A code representing the identity of the MDP (Category C).	CATS_NMI_PARTICIPANT_RELATIONS
Address	This includes all address fields, which comprise DPID, building name, flat number, flat type, floor number, floor type, house number, house number suffix, location descriptor, Lot Number, street name, street suffix, street type, Unstructured Address1, Unstructured Address2, Unstructured Address3, postcode, locality, and state.	CATS_NMI_DATA
Jurisdiction Code	See section 4.5.	CATS_NMI_DATA
NMI Status Code	See section 4.11	CATS_NMI_DATA
Suffix	A code representing the NMI Datastream.	CATS_REGISTER_IDENTIFIER
Profile Name	A code representing the name of the *profile*.	CATS_NMI_DATA_STREAM
Metering Installation Type Code	See section 4.12.	CATS_METER_REGISTER

MSATS Name	Data item description	MSATS standing data table
~~Average Daily Load~~ADL	The electrical energy delivered through a *connection point* or metering point over an extended period normalised to a "per day" basis (kWh).	CATS_NMI_DATA_STREAM
Meter Status	A code to denote the status of the meter within the NEM.	CATS_METER_REGISTER
Meter Register Status	A lookup code to indicate if register is active.	CATS_REGISTER_IDENTIFIER
Datastream Status Code	See section 4.11.	CATS_NMI_DATA_STREAM
Datastream Type	A code to indicate the type of data that the Datastream will report includes interval and basic.	CATS_NMI_DATA_STREAM
Unit of Measure	A code to identify the Unit of Measure (UOM) for data held in this register.	CATS_REGISTER_IDENTIFIER
Time Of Day	Industry developed Codes to identify the time validity of register contents.	CATS_REGISTER_IDENTIFIER
Multiplier	Multiplier required to take a register value and turn it into a value representing billable energy.	CATS_REGISTER_IDENTIFIER
Dial Format	Describes the register display format.	CATS_REGISTER_IDENTIFIER
Controlled Load	Indicates whether the energy recorded by this register is created under a Controlled Load regime. Controlled Load field will have "No" if register does not relate to a Controlled Load, it should contain a description of the Controlled Load regime.	CATS_REGISTER_IDENTIFIER
Actual/Cumulative Indicator	Actual/Subtractive Indicator. Actual implies volume of energy actually metered between two dates. Cumulative indicates two meter readings are required to determine the consumption between those two read dates. For an Interval Meter, Actual/Cumulative Indicator is normally = A.	CATS_REGISTER_IDENTIFIER
MeterRead Type	Code indicating the method and frequency of Meter Reading.	CATS_METER_REGISTER

~~41.5.~~43.3.3. CATS Standing Data Access Rules

(a) The CATS Standing Data Access Rules specify which items of CATS Standing Data may be accessed by which Role within each Jurisdiction.

(b) The CATS Standing Data is grouped as follows:

(i) Meter Register;

(ii) NMI Data;

(iii) NMI Datastream;

(iv) NMI Participant Relations;

(v) Register ID.

The CATS Standing Data Access Rules are shown in Table 43-4, Table 43-5, Table 43-6, Table 43-7, and

Table 43-8 .

Table 43-4 – CATS Standing Data Access Rules for Meter Register

METER REGISTER

Jur'n	Data Item	Description	FRMP	LR	LNSP	MDP	MPB	MPC	RP	RoLR	NEMM	NSP2
ALL	AddlSiteInfo	This field is used to provide any additional information about ~~this~~ a Site to describe Site access and the relationship between the *metering point* and the *connection point*.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ALL	AssetMgmtPlan	If a Site plan is used, this is a description of the plan. If a Sample Test Plan is used, this is the name of the AEMO-approved plan.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	Calibration Tables	Details of any calibration factors programmed into the meter.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	CommEquip Type	Indicates modem or other communication device types.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	CommProtocol	Textual description of details needed to communicate to communication devices.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	DataConv	Textual description of details needed to translate data received from a communication device.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	DataValidations	Textual description of details needed to validate data received from a communication device.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	EstInstruct	Textual instructions on how to estimate the Meter Reading if an Estimated Reading is required.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	LastTestDate	Last date on which the meter was tested.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	Measurement Type	Code indicating how the meter is measuring, example values include, aggregate, consumption, programmable, interval.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	MeterConstant	Multiplier applied to the meter to arrive at the consumption.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	MeterHazard	Code or text indicating any dangerous conditions that may have been identified at the ~~meter~~ Site.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	MeterInstall Code	The *metering installation* type indicates whether or not the meter has to be manually read. This affects the transfer transaction process flow because if a meter has to be manually-read, the metering service provider must supply the Actual Change Date before the Change Request is Completed. If it does not have to be manually-read, the Change Request can be Completed as of the requested transfer date.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	MeterLocation	Code or text indicating where the meter is physically located at the premise.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Meter Manufacturer	The manufacturer code for the meter.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	MeterModel	The manufacturer's model number for the meter.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-

Jur'n	Data Item	Description	FRMP	LR	LNSP	MDP	MPB	MPC	RP	RoLR	NEMM	NSP2
ALL	MeterPoint	An additional metering identifier field.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	MeterProgram	For programmable meters, an identifier of the program run at the meter.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	MeterReadType	Code indicating how the meter is read Refer to "Standing data for MSATS' document for further details.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	-
ALL	MeterRoute	The route identifier the meter is currently being read in.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	MeterSerial	The serial number that uniquely identifies a meter for a given NMI.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	MeterStatus	Code used to indicate the status of the meter.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	MeterUse	Code indicating revenue meter, check meter, load research, etc.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	NextSchRead Date	Indicates the scheduled next read for the meter if a read is required.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	NextTestDate	Next date on which the meter should be tested.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	Password	Read and Time Set passwords, separated by a space. Note that the Write password is not to be stored in this field.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	ReadTypeCode	Code used to indicate whether a meter should be read on the Next Scheduled Read Date, a Special Read Date or an Estimated Reading.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
VIC	RemotePhone Number	The phone number for remote access.	-	-	-	Yes	Yes	-	Yes	-	Yes	-
NSW	RemotePhone Number	The phone number for remote access.	-	-	-	Yes	Yes	-	Yes	-	Yes	-
ACT	RemotePhone Number	The phone number for remote access.	-	-	-	Yes	Yes	-	Yes	-	Yes	-
QLD	RemotePhone Number	The phone number for remote access.	-	-	-	Yes	Yes	-	Yes	-	Yes	-
SA	RemotePhone Number	The phone number for remote access.	-	-	Yes	Yes	Yes	-	Yes	-	Yes	Yes
ALL	TestCalibProgra m	Current test and calibration program details.	Yes	-	Yes	Yes	Yes	-	Yes	-	Yes	Yes
ALL	TestPerformed By	Who performed the last test. This field could be used to store a company or individual's name.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	TestResult Accuracy	The accuracy of the meter from the last test.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	TestResult Notes	Any text or further test information.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-
ALL	Transformer Location	Indicates where the transformer is in relation to the meter.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Transformer Ratio	Instrument transformer ratios (available and connected).	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Transformer Type	Type of transformation employed.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes

Jur'n	Data Item	Description	FRMP	LR	LNSP	MDP	MPB	MPC	RP	RoLR	NEMM	NSP2
ALL	UserAccess Rights	Details of any End User access to the *metering installation*. Examples include pulse outputs, interface to End User load management system, or End User directly accessing data in the meter through special agreement.	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	-

Table ~~41~~434-5 – CATS Standing Data Access Rules for NMI data

NMI DATA

Jur'n	Data Item	Description	FRMP	LR	LNSP	MDP	MPB	MPC	RP	RoLR	NEMM	NSP2
ALL	AggFlag	A flag that may be used for the transition from MAS to MSATS. This field is used by MDM to determine which settlement reports data goes into, that is whether it should be aggregated or not. Can be a 'Y' or 'N'.	Yes	Yes	Yes	Yes	Yes	-	Yes	-	Yes	Yes
ALL	BuildingName	The full name used to identify the physical building or property as part of its location.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Customer Classification Code	A code that defines the End User class as defined in the National Energy Retail Regulations, or in over-riding Jurisdictional instruments.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	CustomerThresholdCode	A code that defines the consumption threshold as defined in the National Energy Retail Regulations, or in over-riding Jurisdictional instruments.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	DLFCode	DLF Code used to indicate the DLF value for the given NMI.	Yes	Yes	Yes	Yes	Yes	-	Yes	-	Yes	Yes
ALL	DPID	Delivery point identifier – the numeric descriptor for a postal delivery point which is equal to a physical address.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	EmbNetChild	The embedded network identifier code is used to identify which embedded network this Child NMI is part of. (If on a NMI record this field is not populated, it is assumed the NMI is not the Child NMI of any other Parent NMI.)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	EmbNetParent	The embedded network identifier code is used to identify which embedded network this NMI is the 'parent of'. (If on a NMI record this field is not populated, it is assumed the NMI is not the parent of any other NMI.)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	FlatNumber	Specification of the number of the flat or unit which is a separately identifiable portion within a building/complex.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes

Jur'n	Data Item	Description	FRMP	LR	LNSP	MDP	MPB	MPC	RP	RoLR	NEMM	NSP2
ALL	FlatType	Specification of the type of flat or unit which is a separately identifiable portion within a building/complex. Values permitted include: APT, CTGE, DUP, FY, F, HSE, KSK, MSNT, MB, OFF, PTHS, RM, SHED, SHOP, SITE, SL, STU, SE, TNHS, U, VLLA, WARD, WE.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	FloorNumber	Floor Number is used to identify the floor or level of a multi-storey building/complex.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	FloorType	Floor Type is used to identify the floor or level of a multi-storey building/complex. Values permitted include: B, FL, G, L, LG, M, UG.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	HouseNum	The numeric reference of a house or property. Specifically the house number.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	HouseNum Suffix	The numeric reference of a house or property. Specifically the single character identifying the house number suffix.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Jurisdiction Code	Jurisdiction Code to which the NMI belongs.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Locality	The full name of the general locality containing the specific address.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Location Descriptor	A general field to capture various references to address locations alongside another physical location.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Lot Number	The lot reference number allocated to an address prior to street numbering.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	NMI	National Meter Identifier – unique identification for each *connection point*.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ALL	NMI Classification Code	A code that identifies, on a Jurisdiction basis, the magnitude of the power consumed, eg small or large.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	NMIStatusCode	Code used to indicate the status of the NMI, i.e. active, de-energised, extinct.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Postcode	The numeric descriptor for a postal delivery area, aligned with locality, suburb or place.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	State	Defined State or Territory abbreviation. Values permitted include: AAT, ACT, NSW, NT, QLD, SA, TAS, VIC, WA.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	StreetName	Records the thoroughfare name.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	StreetSuffix	Records any street suffixes. Values permitted include: CN, E, EX, OR, N, NE, NW, S, SE, SW, UP, W	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	StreetType	Records the street type abbreviation. Available abbreviations are listed in AS4590.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	TNICode	Transmission Node Identifier. Identifies a *transmission network connection point*.	Yes	Yes	Yes	Yes	Yes		Yes	-	Yes	Yes

Jur'n	Data Item	Description	FRMP	LR	LNSP	MDP	MPB	MPC	RP	RoLR	NEMM	NSP2
ALL	Unstructured Address1	To provide the Unstructured Address (line 1) where a Structured Address cannot be supplied.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Unstructured Address2	To provide The Unstructured Address (line 2) where a Structured Address cannot be supplied.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Unstructured Address3	To provide the Unstructured Address (line 3) where a Structured Address cannot be supplied.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Feeder Class	To provide a 15 character long field in varchar format for logical grouping of NMIs based on a DNSP's distribution feeder.	Yes	Yes	Yes	-	-	-	Yes	-	Yes	-

Table ~~41~~43-6 – CATS Standing Data Access Rules for NMI Datastream

NMI DATASTREAM

Jur'n	Data Item	Description	FRMP	LR	LNSP	MDP	MPB	MPC	RP	RoLR	NEMM	NSP2
ALL	AverageDailyLoad	The electrical energy delivered through a *connection point* or metering point over an extended period normalised to a per day basis.	Yes	Yes	Yes	Yes	Yes	-	Yes	-	Yes	Yes
ALL	DataStream Type	Indicates the type of data that the Datastream will report includes interval and non-interval.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	ProfileName	See Retail Market Procedures – Glossary and Framework	Yes	Yes	Yes	Yes	Yes	-	Yes	-	Yes	Yes
ALL	StreamStatus Code	Code used to indicate the status of the suffix.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Suffix	Stream of data for the *NMI*.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes

Table ~~41~~43-7 – CATS Standing Data Access Rules for Participant Relations

PARTICIPANT RELATIONS

Jur'n	Data Item	Description	FRMP	LR	LNSP	MDP	MPB	MPC	RP	RoLR	NEMM	NSP2
ALL	FRMP	Financially Responsible Market Participant, i.e. Current Retailer.	Yes		Yes	Yes	Yes	-	Yes	-	Yes	Yes
ALL	LNSP	Current Local Network Service Provider (or Embedded Network Manager for a child connection point).	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ALL	LR	Current Local Retailer.	Yes	Yes	Yes	Yes	Yes	-	Yes	-	Yes	
ALL	MDP	Current Metering Data Provider – Category D.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	MPB	Current MP – Category B.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	MPC	Current MDP – Category C.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	NEMM		Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	ROLR	Current Retailer of Last Resort.	Yes	-	Yes	Yes	Yes	-	Yes	Yes	Yes	Yes
ALL	RP	Current Metering Coordinator.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	NSP2	Current Second Network Service Provider			Yes	Yes			Yes		Yes	Yes

Table ~~414~~443-8 – CATS Standing Data Access Rules for Register IDs

REGISTER ID

Jur'n	Data Item	Description	FRMP	LR	LNSP	MDP	MPB	MPC	RP	RoLR	NEMM	NSP2
ALL	ActCumInd	Actual / Subtractive indicator. Actual implies volume of energy actually metered between two dates. Cumulative indicates a meter reading for a specific date. A second meter reading is required to determine the consumption between those two dates.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Controlled Load	Indicates whether the energy recorded by this register is created under a Controlled Load regime.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Demand1	A value, in kVA or kW, which is a demand component associated with a Network Tariff charge.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Demand2	A value, in kVA or kW, where there is a second demand component associated with a Network Tariff charge.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	DialFormat	Describes the register display format. First number is the number of digits to the left of the decimal place, and the second number is the number of digits to the right of the decimal place.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Multiplier	Multiplier required to take a register value and turn it into a value representing billable energy.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	NetworkTariff Code	A code that identifies the Network Tariff charged. It is a code obligation for the LNSP to publish the meaning of these codes elsewhere (e.g. on the Internet).	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	NTAddInfo	Contains additional explanatory information about the Network Tariff charge if the code alone is not a sufficient explanation.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	RegisterId	The identifier which uniquely identifies this register.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	RegisterId Status	A code to indicate whether or not the register is active.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	Suffix	The suffix on the CATS_NMI_ Datastream table to which energy measured on this register contributes.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	TimeOfDay	A code that indicates the time validity of the register's contents.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
ALL	UnitOf Measure	A code to identify the unit of measure for the data held in this register.	Yes	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes

~~41.6.~~43.3.4. NMI Discovery Search 3 – NMI Standing Data Access Rules

(a) This section specifies the *NMI Standing Data* available to *retailers*:

(i) Who are seeking to progress error correction transfers (prior to initiating Change Reason Codes 1021, 1023, 1024 and 1029);

(ii) Who are seeking agreement to the raising of a Retrospective Change – align with meter read transfers (Change Reason Code 1010);

(iii) Who are seeking the previous FRMP to win back a *NMI* won in error – (Change Reason Code 1022, 1025, 1026, 1027 and 1028); and

(iv) Who are not the FRMP and in receipt of an End User's request for ~~a Site~~ abolishment of a Site from MSATS.

(b) A *retailer* must only perform NMI Discovery (Search~~stage~~ 3) on any *NMIs* for the reasons stated in section 414.6(a).

(c) The NMI Standing Data Access Rules for this transaction define which:

(i) Role can initiate a request for *NMI Standing Data*.

(ii) Standing data items will be returned when a request is submitted to MSATS.

(d) The Roles that can initiate the NMI Discovery (Search~~stage~~ 3) are specified in Table 44-I.

Table 434-I – NMI Standing Data Access Rules for Participant Relations

PARTICIPANT RELATIONS

Jur'n	Data Item	Description	FRMP	LR	LNSP	MDP	MPB	MPC	RP	RoLR	NEMM	NSP2
ALL	FRMP**	Financially Responsible Market Participant.	Yes	-	–	–	–	-	–	-	–	–
ALL	LNSP	Current Local Network Service Provider, or *Embedded Network Manager* for a *child connection point*.	–	–	–	–	–	–	–	–	–	–
ALL	LR	Current Local Retailer.	–	–	–	–	–	-	–	-	–	-
ALL	MDP	Current Metering Data Provider, i.e. provider of metering data to AEMO.	–	–	–	–	–	–	–	-	–	–
ALL	MPB	Current Meter Provider – maintenance of meter.	–	-	–	–	–	–	–	-	–	–
ALL	MPC	Current Meter Provider – data collection.	–	-	–	–	–	–	–	-	–	–
ALL	NEMM		–	-	–	–	–	–	–	-	–	–
ALL	RoLR	Current Retailer of Last Resort.	–	-	–	–	–	-	–	–	–	–
ALL	RP	Current Metering Coordinator.	–	–	–	–	–	–	–	-	–	–
ALL	NSP2	Current Second Network Service Provider	-	-	–	–	-	-	–	-	–	–

** Note any *retailer* can perform NMI discovery stage 3 where the conditions listed in section 44.6(a) are met.

(e) When initiating NMI Discovery (~~stage~~ Search 3), a retailer must ensure:

(i) When using the reason of ITD, Incorrect Transfer Date, they are the Current FRMP for the *NMI* and a FRMP change completed in the past 130 *business days* from the NMI Discovery (~~stage~~ Search 3) date.

(ii) When using the reason of TRI, Transferred In Error, they are the Current FRMP or the most recent previous FRMP for a given *NMI*. (This applies where the Current FRMP needs to request a *retailer* to transfer back a *NMI* transferred in error or the most recent previous FRMP has identified another *retailer* has transferred the *NMI* in error and is seeking to transfer it back.)

(iii) When using the reason of MCR, Missed CR1500 error, a CR1500 was not submitted in the past 130 *business days* from the NMI Discovery (~~stage~~ Search 3) transaction date.

(iv) When using the reason of NNS (New NMI Setup Error – see Table 41-J), the *NMI* was created in the past 130 *business days* from the NMI Discovery (~~stage~~ Search 3) transaction date.

(f) The valid standing data items that would be returned to the initiating Role in all Jurisdictions on a successful data access request are specified in Table 44-J.

Table 434-J – NMI Standing Data Items returned in all Jurisdictions for a SearchStage 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.
MCR	Missed CR1500 Error	FRMP	Up to 10 character code representing the identity of the Current FRMP.
ITD	Incorrect Transfer Date Error	FRMP, End Date	Up to 10 character code representing the identity of the most recent previous FRMP. End Date of the most recent previous FRMP record.
NNS	New NMI Setup Error	FRMP	Up to 10 character code representing the identity of the Current FRMP.
TRM	Transfer Missed Error	FRMP	Up to 10 character code representing the identity of the Current FRMP.
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.
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.