

Retail Electricity Market Procedures Version History Tables

MSATS Procedures: CATS

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

Version	Effective Date	Summary of Changes
4.9	1 October 2021	Updated to incorporate changes from NEM Customer Switching
4.91	1 October 2021	Updated to incorporate TNI2 Code for the National Electricity Amendment (Global settlement and market reconciliation) Rule 2018 No. 14.
4.911	1 October 2021	Updated to include changes for the Metering ICF Package 2020 consultation, the changes are for the following Information Change Requests (ICFs): <ul style="list-style-type: none"> ICF_029 Amend or Revert Definition of the Register ID Field in MSATS
4.912	1 October 2021	Updated to include: <ul style="list-style-type: none"> additional field in the reversal CRCs: CR1060 and CR1061 provision of CR1060 and 1061 COM notifications to New MC (RP)
4.913	1 October 2021	V4.8, 4.9, v4.91, v4.911 & v4.912 consolidated
4.92	24 October 2021	Update to incorporate National Electricity Amendment (Wholesale demand response mechanism) Rule 2020 No. 9
4.921	24 October 2021	v.913 and v4.92 Consolidated
4.93	1 May 2022	MSATS Standing Data Review Phase 1 – New and amended fields
4.94	1 May 2022	Updated to include changes for the Metering ICF Package 2020 consultation, the changes are for the following Information Change Requests (ICFs): <ul style="list-style-type: none"> ICF_013 Change Cancellation Timeframe for CR6800 ICF_016 Reinstate the MC Objection of “BadParty” for Victorian SMALL NMIs ICF_031 Definitions of SMALL and LARGE NMI Classifications
4.95	1 May 2022	Updated as part of Retail Electricity Market Procedures March 2021 Consultation for ICF_037 Redefinition of ‘Connection Configuration’.
5.0	1 May 2022	Updated to incorporate National Electricity Amendment (Global settlement and market reconciliation) Rule 2018 No. 14.
5.01	1 May 2022	MSATS Standing Data Review Minor Amendment
5.1	1 May 2022	NREG and GENERATR NMI Classifications (CIP_050) updated as part of Retail Electricity October consultation. Consolidated v4.921, v4.93, v4.94, v4.95, and v5.0 and v5.01 .
5.2	7 November 2022	MSATS Standing Data Review Phase 2 – Removed fields
5.21	7 November 2022	Updated as part of MSATS Standing Data Review Minor Amendment. Consolidated v5.1 and 5.2. Updated implementation date for: <ul style="list-style-type: none"> ICF_013 Change Cancellation Timeframe for CR6800 ICF_016 Reinstate the MC Objection of “BadParty” for Victorian SMALL NMIs ICF_031 Definitions of SMALL and LARGE NMI Classifications
5.3	7 November 2022	Version placeholder for v5.1 and v5.2 consolidation. Consolidated 5.1, 5.2 and 5.21 as part of Retail Electricity Market Procedures October Consultation.

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MSATS Procedures: WIGS

Version	Effective Date	Summary of Changes
3.4a	15 th July 2011	Updated to facilitate further extension of contestability to small business customers in Tasmania.
3.5	25 th August 2011	Updated to include a new objection for the CR1010 & CR1081 and manifest changes.
3.6	13 th January 2012	Updated to include a new Change Reason Code for the update of the Customer Classification Code field; additional changes related to National Energy Customer Framework; and other minor manifest text changes.
3.7	15 th May 2013	Updated to include a new NMI Discovery Search 3 transaction; aligning procedures with the NER as a result of introduction of new terminology regarding MDPs; updates based on a New Connections process review to facilitate that a LNSP only nominate a <i>retailer</i> as the FRMP based on instruction from that <i>retailer</i> ; changes as a result of introduction of Market Small Generation Aggregator (MSGGA).
3.8	13 th November 2013	Updated to align MPB obligations with MDP obligations during the meter set up or maintenance process, by requiring the MPB to source the suffix from the appropriate MDP.
3.9	1 st January 2014	No version 3.9 was released. The Tasmanian Government withdrew its request for the change to the CATS Procedures.
4.0	15 th May 2014	Updated to include amendments arising from the introduction of NECF in NSW.
4.1	1 July 2014	Updated to include amendments arising from the AEMC Rule change on Access to <i>NMI Standing Data</i> .
4.2	1 December 2017	Updated to incorporate: <ul style="list-style-type: none"> • National Electricity Amendment (Expanding competition in metering and related services) Rule 2015. No.12; • National Electricity Amendment (Embedded Networks) Rule 2015 No. 15; and • National Electricity Amendment (Meter Replacement Processes) Rule 2016 No. 2.
4.3	1 December 2017	Updated to incorporate a number of clarifications and corrections.
4.4	1 December 2017	Updated to incorporate feedback from PoC Work Package 3 Consultation.
4.5	1 December 2017	Final version
4.6	20 May 2019	Updated to align version numbering with MSATS CATS procedures.
4.7	20 May 2019	Updated to align version numbering with MSATS CATS procedures.
4.8	20 May 2020	Updated to align version numbering with MSATS CATS procedures.
4.9	1 October 2021	Updated to incorporate changes from NEM Customer Switching
4.91	1 October 2021	Updated to incorporate TNI2 Code for the National Electricity Amendment (Global settlement and market reconciliation) Rule 2018 No. 14.
4.911	1 October 2021	Version control to align to the MSATS Procedures: CATS
4.912	1 October 2021	Version control to align to the MSATS Procedures: CATS
4.913	1 October 2021	V4.8, 4.9, v4.91, v4.911 & v4.912 consolidated
4.92	24 October 2021	Update to incorporate National Electricity Amendment (Wholesale demand response mechanism) Rule 2020 No. 9
4.921	24 October 2021	v4.913 and v4.92 Consolidated
4.93	1 May 2022	MSATS Standing Data Review Phase 1 – New and amended fields
4.94	1 May 2022	Version control to align to the MSATS Procedures: CATS
4.95	1 May 2022	Updated as part of Retail Electricity Market Procedures March 2021 Consultation for ICF_037 Redefinition of 'Connection Configuration'.
5.0	1 May 2022	Updated to incorporate National Electricity Amendment (Global settlement and market reconciliation) Rule 2018 No. 14.
5.01	1 May 2022	MSATS Standing Data Review Minor Amendment
5.1	1 May 2022	Clarified changing MDP roles as part of Retail Electricity October consultation. Consolidated v4.921, v4.93, v4.94, v4.95, and v5.0 and v5.01 .

Version	Effective Date	Summary of Changes
5.2	7 November 2022	MSATS Standing Data Review Phase 2 – Removed fields
5.21	7 November 2022	Updated as part of the MSATS Standing Data Review Minor Amendment. Consolidated v5.1 and v5.2.
5.3	7 November 2022	Version placeholder for v5.1 and v5.2 consolidation Consolidated 5.1, 5.2 and 5.21 as part of Retail Electricity Market Procedures October Consultation.

Standing Data for MSATS

Version	Effective Date	Summary of Changes
4.0	Aug 2009	Update to AEMO Format
4.1	19/04/2012	Updates to NMI Data tables to include Feeder Class, Customer Classification Code & Customer Threshold Code and minor data corrections.
4.2	28/08/2013	Updated wording for Nx suffixes in sections 8, 9 and 12. Updated reference to the CATS procedures for Embedded Networks in section 7. Added new data stream type codes under section 11: Reference Tables. Updated reference to the NEM Metrology Procedures in section 15.
4.3	01 December 2017	Updated to incorporate: <ul style="list-style-type: none"> National Electricity Amendment (Expanding competition in metering and related services) Rule 2015. No.12; National Electricity Amendment (Embedded Networks) Rule 2015 No. 15; and National Electricity Amendment (Meter Replacement Processes) Rule 2016 No. 2.
4.4	01 December 2017	Final Version
4.5	1 October 2021	Updated to incorporate amendments for National Electricity Amendment (Five Minute Settlement) Rule 2017 No. 15 and National Electricity Amendment (Global Settlement and Market Reconciliation) Rule 2018 No 14.
4.51	1 October 2021	Updated to include changes for the Metering ICF Package 2020 consultation, the changes are for the following Information Change Requests (ICFs): <ul style="list-style-type: none"> ICF_027 Average Daily Load (ADL) definition ICF_029 Amend or Revert Definition of the Register ID Field in MSATS.
4.52	1 October 2021	v4.5 and v4.51 consolidation
4.6	1 May 2022	MSATS Standing Data Review Phase 1 – New and amended fields
5.0	1 May 2022	Updated to incorporate amendments for National Electricity Amendment (Global Settlement and Market Reconciliation) Rule 2018 No 14.
5.1	1 May 2022	Updated as part of Retail Electricity Market Procedures March 2021 Consultation for ICF_037 Redefinition of 'Connection Configuration'.
5.101	1 May 2022	MSATS Standing Data Review Minor Amendment
5.11	1 May 2022	Updated Controlled Load Enumerations (CIP_049), GPS Coordinates Minimum Requirements (CIP_053) and clarified connection configuration as part of Retail Electricity October 2021 consultation. Consolidated v4.52, v4.6, v5.0, v5.101 and and v5.1.
5.2	7 November 2022	MSATS Standing Data Review Phase 2 – Removed fields
5.21	7 November 2022	Updated implementation date as part of MSATS Standing Data Review Minor Amendment. Consolidated V5.11 and v5.2.
5.22	7 November 2022	<ul style="list-style-type: none"> CIP_049 Controlled Load Enumerations CIP_053 GPS Coordinates Minimum Requirements Clarified connection configuration
5.3	7 November 2022	As part of Retail Electricity Market Procedures October Consultation, Version placeholder for V5.11 and v5.2 Consolidated 5.11, 5.2, 5.21, 5.22 as part of Retail Electricity Market Procedures October Consultation. Consolidation.

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Metrology Procedure Part A

Version	Effective Date	Summary of Changes
3.0	31 October 2011	Updated to incorporate provisions of Rule Change: Provision of Metering Data Services and Clarification of Existing Metrology Requirements.
3.01	1 July 2012	Updated to incorporate jurisdictional material in relation to Queensland Retail Tariff Reform
3.10	1 January 2014	Introduction of FRC in Tasmania
3.20	1 March 2014	Updated to incorporate provisions of <i>Rules</i> Change: National Electricity Amendment (Small Generation Aggregator Framework) Rule 2012 ERC 0141 and text corrections.
5.30	15 May 2015	Updated to align version numbering with Metrology Procedure: Part B and to include corrections
6.00	1 December 2017	Updated to incorporate: <ul style="list-style-type: none"> • National Electricity Amendment (Expanding competition in metering and related services) Rule 2015. No.12; • National Electricity Amendment (Embedded Networks) Rule 2015 No. 15; and • National Electricity Amendment (Meter Replacement Processes) Rule 2016 No. 2.
6.01	1 December 2017	Updated to incorporate a number of clarifications and corrections.
6.02	1 December 2017	Updated with feedback from PoC Work Package 3 first stage consultation
6.03	1 December 2017	Final version.
6.04	1 December 2017	Added Jurisdictional x-values for type 4A metering installations
6.05	20 May 2020	Updated to include IEC61869 in the CT and VT Standards, and clarify the verification of Metering Data for whole current Small Customer Metering Installations, Type 4A, 5, 6 and 7 Metering Installations.
7.0	1 October 2021	Updated for National Electricity Amendment (Five Minute Settlement) Rule 2017 No. 15
7.01	1 October 2021	V6.05 and v7.0 consolidated
7.1	1 May 2022	Updated to incorporate National Electricity Amendment (Global Settlement and Market Reconciliation) Rule 2018 No 14
7.3	1 May 2022	Updated to incorporate National Electricity Amendment (Introduction of metering coordinator planned interruptions) Rule 2020 No. 7.
7.31	1 May 2022	Updated to include changes for the Metering ICF Package 2020 consultation, the changes are for the following Information Change Requests (ICFs): <ul style="list-style-type: none"> • ICF_019 Metrology Procedure sampling methodology • ICF_020 Changes to the clause 4.2 of the SLP to avoid confusion with the terms validation vs verification
7.32	1 May 2022	Updated to include changes for the Retail Electricity Market Procedures March 2021 Consultation, the changes are for the following Information Change Requests (ICFs): <ul style="list-style-type: none"> • ICF_023 Process when remote collection of <i>metering data</i> fails
7.4	1 May 2022	Clarified clauses and updated Australian Standard References according to October Retail Electricity Consultation. Consolidated versions 7.01 , v7.1 , v7.3 , and v7.31 and 7.32 .

Metrology Procedure Part B

Version	Effective Date	Summary of Changes
4.01	April 2009	Updated to incorporate Victorian jurisdictional metrology material to support Victorian AMI rollout
4.01a	15 July 2011	The extension of retail contestability to business customers consuming between 50 – 150 MWh per annum in Tasmania.
5	31 October 2011	Updated to incorporate provisions of NER Change: Provision of Metering Data Services and Clarification of Existing Metrology Requirements.
5.10	1 January 2014	Introduction of FRC in Tasmania
5.20	1 March 2014	Updated to incorporate provisions of NER Change: National Electricity Amendment (Small Generation Aggregator Framework) Rule 2012 ERC 0141 and text corrections
5.30	15 May 2015	Updated to incorporate traffic signal dimming, introduce type 65 substitutions and text corrections.
6.00	1 December 2017	Updated to incorporate: <ul style="list-style-type: none"> National Electricity Amendment (Expanding competition in metering and related services) Rule 2015. No.12; National Electricity Amendment (Embedded Networks) Rule 2015 No. 15; and National Electricity Amendment (Meter Replacement Processes) Rule 2016 No. 2.
6.1	20 May 2020	Updated to include Substitution Type 69 Linear interpolation substitution type for accumulation metering installations.
7.0	1 October 2021	Updated for National Electricity Amendment (Five Minute Settlement) Rule 2017 No. 15
7.01	1 October 2021	Updated to include changes for the Metering ICF Package 2020 consultation, the changes are for the following Information Change Requests (ICFs): <ul style="list-style-type: none"> ICF_025 Removal of 'N' Metering Data Quality Flag
7.011	1 October 2021	v6.01, 7.0 & 7.01 consolidated
7.02	24 October 2021	Update to incorporate National Electricity Amendment (Wholesale demand response mechanism) Rule 2020 No. 9
7.021	24 October 2021	v7.011 and v7.02 Consolidated
7.03	1 May 2022	Updated to include changes for the Metering ICF Package 2020 consultation, the changes are for the following Information Change Requests (ICFs): <ul style="list-style-type: none"> ICF_020 Changes to the clause 4.2 of the SLP to avoid confusion with the terms validation vs verification
7.1	1 May 2022	Updated to incorporate National Electricity Amendment (Global Settlement and Market Reconciliation) Rule 2018 No 14
7.2	1 May 2022	Updated to include changes for the Metering ICF Package 2020 consultation, the changes are for the following Information Change Requests (ICFs): <ul style="list-style-type: none"> ICF_021 Removal of End User Details from the Inventory table
7.21	1 May 2022	Updated to reflect: <ul style="list-style-type: none"> inclusion of Cross Boundary inflow to a Profile Area in NSLP calculation, and detail of Scaling Factors that are currently used in CLP calculation.
7.3	1 May 2022	Consolidated v7.021, v7.03, v7.1, v7.2 and v7.21 as part of Retail Electricity October 2021 Consultation.

Exemption Procedure – Meter Installation Malfunctions

Version	Effective Date	Summary of Changes
1.0	1 December 2017	<p>First Issue.</p> <p>Document incorporates:</p> <ul style="list-style-type: none"> • National Electricity Amendment (Expanding Competition in Metering and Related Services) Rule 2015. No.12; • National Electricity Amendment (Embedded Networks) Rule 2015 No. 15; and • National Electricity Amendment (Meter Replacement Processes) Rule 2016 No. 2.
1.1	20 May 2020	Updated to incorporate additional clause reference in the National Electricity Amendment (Metering installation timeframes) Rule 2018 No. 15.
1.2	1 May 2022	Updated to incorporate clause reference changes in National Electricity Amendment (Introduction of metering coordinator planned interruptions) Rule 2020 No. 7.

Retail Electricity Market Procedures – Glossary and Framework

Version	Effective Date	Summary of Changes
1.0	1 December 2017	First Issue
1.1	1 December 2017	Updated for POC Procedure Changes (Package 2)
2.0	1 December 2017	Updated to incorporate changes following IEC consultation (affecting B2B Procedures) and to include information required by NER clause 7.16.1(f)
2.1	1 December 2017	Updated following first stage of consultation.
2.2	1 December 2017	Updated following second stage of consultation.
2.3	1 October 2021	Customer Switching version
3.0	1 October 2021	Updated for National Electricity Amendment (Five Minute Settlement) Rule 2017 No. 15.
3.1	1 October 2021	Updated to incorporate National Electricity Amendment (Global settlement and market reconciliation) Rule 2018 No. 14.
3.11	1 October 2021	Updated to include changes for the Metering ICF Package 2020 consultation, the changes are for the following Information Change Requests (ICFs): <ul style="list-style-type: none"> ICF_027 Average Daily Load (ADL) definition
3.2	1 October 2021	v2.3, v3.0, v3.1 and v3.11 consolidation
3.3	24 October 2021	Update to incorporate National Electricity Amendment (Wholesale demand response mechanism) Rule 2020 No. 9
3.31	24 October 2021	v3.2 and v3.3 Consolidated
3.4	1 May 2022	MSATS Standing Data Review – New and amended fields
3.41	1 May 2022	Updated to include changes for the Metering ICF Package 2020 consultation, the changes are for the following Information Change Requests (ICFs): <ul style="list-style-type: none"> ICF_020 Changes to the clause 4.2 of the SLP to avoid confusion with the terms validation vs verification
3.42	1 May 2022	MSATS Standing Data Review Minor Amendment
3.5 3.5	1 May 2022 1 May 2022	Updated Controlled Load definition and consolidated v3.31, v3.4 and v3.41 as part of Retail Electricity Market Procedures October Consultation. Consolidated v3.31, v3.4 and v3.41.
3.6	7 November 2022	MSATS Standing Data Review Minor Amendment
3.7	7 November 2022	Consolidated 3.5 and 3.6 as part of Retail Electricity Market Procedures October Consultation.

NEM RoLR Processes Part A and Part B

Version	Effective Date	Summary of Changes
V1.0	17 May 2010	Final Determination
V1.1	18 October 2010	Final Determination
V1.1a	24 November 2010	Final Determination
V1.2	14 February 2012	Final Determination
V1.3	12 August 2013	Final Determination
V1.4	01 December 2017	Updated to incorporate: <ul style="list-style-type: none"> • National Electricity Amendment (Expanding competition in metering and related services) Rule 2015. No.12; • National Electricity Amendment (Embedded Networks) Rule 2015 No. 15; and • National Electricity Amendment (Meter Replacement Processes) Rule 2016 No. 2.
2.0	1 May 2022	Updated to incorporate National Electricity Amendment (Global Settlement and Market Reconciliation) Rule 2018 No 14 into Part A
2.1	1 May 2022	Updated to include changes for the Metering ICF Package 2020 consultation, the changes are for the following Information Change Requests (ICFs): <ul style="list-style-type: none"> • ICF_028 Remove Failed Retailer MSATS user access • Reference corrections
2.2	1 May 2022	Updated to incorporate National Electricity Amendment (Global Settlement and Market Reconciliation) Rule 2018 No 14 into Part B
2.3	1 May 2022	Consolidated v2.0, v2.1 and v2.2.

Service Level Procedure Metering Provider Services

Version	Effective Date	Summary of Changes
1.0	1 Dec 2017	First Issue Document incorporates changes resulting from: <ul style="list-style-type: none"> • National Electricity Amendment (Expanding competition in metering and related services) Rule 2015. No.12; • National Electricity Amendment (Embedded Networks) Rule 2015 No. 15; and • National Electricity Amendment (Meter Replacement Processes) Rule 2016 No. 2.
1.1	1 Dec 2017	Updated to incorporate clarifications and corrections.
1.2	1 Dec 2017	Updated with feedback from PoC Work Package 3 first stage consultation.
1.3	1 Dec 2017	Updated with corrections after PoC WP3 second stage consultation. Final version.
1.4	20 May 2020	Updated to incorporate additional clause reference in the National Electricity Amendment (Metering installation timeframes) Rule 2018 No. 15; and amend outdated NER reference.
1.5	1 May 2022	Updated to include changes for the Metering ICF Package 2020 consultation, the changes are for the following Information Change Requests (ICFs): <ul style="list-style-type: none"> • ICF_020 Changes to the clause 4.2 of the SLP to avoid confusion with the terms validation vs verification

Service Level Procedure Metering Data Provision Services

Version	Effective Date	Summary of Changes
.01	Aug 2012	Initial draft
1.0	June 2013	Updated with comments from 2nd stage consultation and MSWG
1.2	Sept 2014	Including meter churn, comms network approval and other minor amendments
1.4	Dec 2014	Updated with feedback from participants and MSWG after second stage consultation
1.5	Dec 2017	Updated to incorporate: <ul style="list-style-type: none"> • National Electricity Amendment (Expanding competition in metering and related services) Rule 2015. No.12; • National Electricity Amendment (Embedded Networks) Rule 2015 No. 15; and • National Electricity Amendment (Meter Replacement Processes) Rule 2016 No. 2.
1.6	Dec 2017	Updated to incorporate a number of clarifications and corrections.
1.7	1 Dec 2017	Work Package 3 – Final Determination.
1.8	20 May 2020	Updated to amend outdated NER reference; and defining an obligation to deliver metering data while the NMI status is not Active.
2.0	1 October 2021	Updated to incorporate: <ul style="list-style-type: none"> • National Electricity Amendment (Five Minute Settlement) Rule 2017 No.15 and • National Electricity Amendment (Global settlement and market reconciliation) Rule 2018 No. 14
2.1	1 October 2021	v1.8 and v2.0 consolidation
2.2	1 May 2022	Updated to include changes for the Retail Electricity Market Procedures March 2021 Consultation, the changes are for the following Information Change Requests (ICFs): <ul style="list-style-type: none"> • ICF_M001 Process to detect energy data • ICF_023 Process when remote collection of metering data fails • ICF_030 Configuration of data channels and meter data obligations.

Service Level Procedure Embedded Network Manager Services

Version	Effective Date	Summary of Changes
1.0	1 Dec 2017	<p>First Issue</p> <p>Document incorporates changes resulting from:</p> <ul style="list-style-type: none"> • National Electricity Amendment (Expanding competition in metering and related services) Rule 2015. No.12; • National Electricity Amendment (Embedded Networks) Rule 2015 No. 15; and • National Electricity Amendment (Meter Replacement Processes) Rule 2016 No. 2.
1.1	20 May 2020	<p>Clarifying ENM's obligations with respect to DLFs and Network Tariff Codes and that the EN for which the ENM has been appointed has an exemption by the AER.</p>

MDFF Specification NEM12 & NEM13

Version	Effective Date	Summary of Changes
0.8	September 2009	Updated document to AEMO format.
1.0	July 2013	Updated to incorporate SGSD change of NSRD becoming an information field only Put into new AEMO formatting. Updated to correct errors, clarify sections and remove and create new reason codes. Updated with feedback from internal and the MSWG.
1.01	Sept 2013	Updated with feedback from initial consultation. Incorporated (where the input of these did not require any system changes) issues raised in the clarifications document. Feedback at the Sept MSWG.
1.02	Oct 2013	Update with feedback from 2nd stage consultation.
1.06	1 Dec 2017	Updated to incorporate: <ul style="list-style-type: none"> • National Electricity Amendment (Expanding competition in metering and related services) Rule 2015. No.12; • National Electricity Amendment (Embedded Networks) Rule 2015 No. 15; and • National Electricity Amendment (Meter Replacement Processes) Rule 2016 No. 2.
1.07	1 October 2021	Updated to incorporate changes from NEM Customer Switching
2.0	1 October 2021	Updated for National Electricity Amendment (Five Minute Settlement) Rule 2017 No. 15
2.1	1 October 2021	AEMO included as recipient of MDFF
2.2	1 October 2021	Updated to include changes for the Metering ICF Package 2020 consultation, the changes are for the following Information Change Requests (ICFs): ICF_025 Removal of 'N' Metering Data Quality Flag
2.3	1 October 2021	Updated to include clarification of the Removal of 'N' Metering Data Quality Flag
2.4	1 October 2021	Consolidated v1.07, v2.0, v2.1, v2.2 and v2.3.
2.5	1 May 2022	Updated Reason Codes as part of Retail Electricity October 2021 Consultation.

MSATS Procedures: MDM Procedures

Version	Effective Date	Summary of Changes
1.0	29 July 2004	Final Determination
2.0	3 rd Sept 2007	Updated reference to Rules from Code and other minor changes and the introduction of FRC in Queensland
3.0	13 th May 2009	Updated to include the NSP2 role for reports and the inclusion of the RM26 Substitution and Estimation Report
3.1	20 th August 2009	Minor updates to reflect the change in governance from NEMMCO to AEMO. No content change
3.2	6 th December 2010	Minor Changes to the "Processing Overview" section 3.3.4 to reflect the changes in MDM process to store and use previous substituted calculated data. Addition of the Data Collection Type Code to Section 6.
3.3	1 December 2017	Updated to incorporate: <ul style="list-style-type: none"> • National Electricity Amendment (Expanding competition in metering and related services) Rule 2015. No.12; • National Electricity Amendment (Embedded Networks) Rule 2015 No. 15; and • National Electricity Amendment (Meter Replacement Processes) Rule 2016 No. 2.
4.0	1 October 2021	Updated to incorporate: <ul style="list-style-type: none"> • National Electricity Amendment (Five Minute Settlement) Rule 2017 No.15 and • National Electricity Amendment (Global settlement and market reconciliation) Rule 2018 No. 14
4.1	1 October 2021	<ul style="list-style-type: none"> • Added description of 5-minute profile (5MLP) application to 15 and 30-minute metering data • Added detail of RM25 and RM46 Reports • Identifies how parties can access RM Reports
4.2	1 May 2022	Updated to reflect inclusion of Cross Boundary inflow to a Profile Area in the NSLP calculation
4.3	1 May 2022	Consolidated v4.0, 4.1 and v4.2.

Understanding Load Profiles Published from MSATS

Version	Effective Date	Summary of Changes
1	15/05/2002	Original Issue
2	7/06/2002	Added new section 5
3	30/06/2003	Updated section 3.1 for SA and ACT and section 6 references, and other minor updates
4	12/07/2005	Entire Document Updated
5	01/08/2007	Updated in include Profiling for Energex and Ergon Networks for the commencement for FRC in Queensland effective 01/07/2007
5.1	August 2009	Minor updates to reflect the change in governance from NEMMCO to AEMO
5.2	October 2011	Minor Updates to reflect addition of NSLP for Tasmania effective from 01/07/2011
5.3	March 2012	Updates to references of Metrology Procedure in Clause 3.3, Section 8 and Appendix A, B, C, D & E.
5.4	July 2012	Updated to include a table in Section 4.3 to define the Profile Area names with the correct Network/Business name of each distribution network and remove Victoria & NSW maps from section 4.1
5.5	August 2013	Updated section 4.3 to include the current business names for profile area UMPLP. Updated Section 8 to include current document references
6.0	1 October 2021	Updated section 4.3 to include the current business name for profile area TXU and AURORA. Updated to incorporate amendments for: <ul style="list-style-type: none"> National Electricity Amendment (Five Minute Settlement) Rule 2017 No. 15, and National Electricity Amendment (Global Settlement and Market Reconciliation) Rule 2018 No 14
6.1	1 October 2021	<ul style="list-style-type: none"> Added description of 5-minute profile (5MLP) application to 15 and 30 minute metering data Added 5MLP to sample RM20 report

Version control and contact details

Version	Effective date	Comments
1	18 December 2020	Initial document (AEMO)
2	May 2021	Updated for version consolidations and various consultations
3	August 2021	Updated for version consolidations and various consultations
4	October 2021	Updated for Retail Electricity October 2021 Consultation

For more information on the ERCF please email ERCF@aemo.com.au.

For a list of Retail Electricity Market Procedures refer to AEMO's [website](#).