MSATS Procedures: CATS Procedure Version 4.0 Draft Determination
Item 4.1.4
ID 005

Proposed Changes are listed in Blue

Clause 44.4 NMI Discovery – NMI Standing Data Access Rules (stage 2)

(a) This clause 44.4 specifies the NMI standing data that is available to retailers and network service providers who do not have an explicit informed consent from a consumer.

(b) A Local Network Service Provider must:
　　　1. Only carry out a stage 2 NMI Discovery on any NMI or NMI's where they are assigned a role as the current LNSP.

　　　2. Only perform stage 2 NMI search activity within its local area for the purpose of responding to a request from a retailer to assist in the resolution of a NMI data problem, or to perform quality checks of its data within the MSATS system.

(c) The NMI data access rules define:
　　　1. Which role can initiate a request for NMI standing data.
　　　2. Which standing data items will be returned when a request is submitted to the MSATS system.

(d) The NMI data access rules may be defined by Jurisdiction.

(e) The valid 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 44-C. Further details of each data item can be found in the MSATS standing data tables from the "Standing Data for MSATS" document.

Table 44-C – Common NMI standing data items returned to a FRMP or LNSP in all Jurisdictions for a stage 2 search / request

MSATS Name	~~Description of data items returned on a successful data access request~~ Data item description	MSATS standing data table
NMI	A 10 character national metering identifier.	CATS_NMI_DATA
TNI Code	A code representing the transmission node identifier – up to 4 characters.	CATS_NMI_DATA
DLF Code	A code representing the distribution loss factor – up to 4 characters.	CATS_NMI_DATA
NMI Classification Code	Refer to clause 4.9.	CATS_NMI_DATA
Embedded Network Parent	A code representing the name of the parent for any associated embedded network – up to 10 cgaracters.	CATS_NMI_DATA
Embedded Network Child	A code representing the name of the child for any associated embedded network – up to 10 characters.	CATS_NMI_DATA
Meter Serial Number	The meter serial number of the meter associated with the next scheduled read date and network tariff code details provided (see items below).	CATS_METER_REGISTER
Next Scheduled Read Date	The next scheduled read date in date format.	CATS_METER_REGISTER

MSATS Name	Data item description	MSATS standing data table
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 – up to 10 characters.	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 the DNSPs distribution feeder – up to 15 characters.	CATS_NMI_DATA
Customer Classification Code	A code that defines the consumer class as defined in the National Energy Retail Regulations, or in over-riding jurisdictional instruments.	CATS_NMI_DATA
Customer Threshold Code	A code that defines the consumption threshold as defined in the National Energy Retail Regulations, or in over-riding jurisdictional instruments.	CATS_NMI_DATA
LNSP	A code representing the identity of the Local Network Service Provider – up to 8 characters.	CATS_NMI_PARTICIPANT_RELATIONS
MDP	A code representing the identity of the Metering Data Provider (Category D) – up to 8 characters.	CATS_NMI_PARTICIPANT_RELATIONS
MPB	A code representing the identity of the Metering Provider (Category B) – up to 8 characters.	CATS_NMI_PARTICIPANT_RELATIONS
MPC	A code representing the identity of the Metering Data Provider (Category C) – up to 8 characters.	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	A code that identifies the jurisdiction in which the NMI is located – up to 3 characters.	CATS_NMI_DATA
NMI Status Code	Refer to clause 4.11	CATS_NMI_DATA
Suffix	A code representing the NMI datastream – 2 characters.	CATS_REGISTER_IDENTIFIER
Profile Name	A code representing the name of the profile – up to 10 characters.	CATS_NMI_DATA_STREAM
Metering Installation Code	Refer to clause 4.12.	CATS_METER_REGISTER
Average Daily Load	The electrical energy delivered through a connection point or metering point over an extended period normalised to a "per day" basis (kWh) – up to 10 digits.	CATS_NMI_DATA_STREAM
Meter Status	A single character code to denote	CATS_METER_REGISTER

MSATS Name	~~Description of data items returned on a successful data access request~~ Data item description	MSATS standing data table
	the status of the meter within the NEM.	
Register Status	A single character lookup code to indicate if register is active.	CATS_REGISTER_IDENTIFIER
Datastream Status Code	Code used to indicate the status of the suffix. This value must correspond to a valid Stream Status Code in the MSATS_Codes_Values_table. Refer to clause 4.11.	CATS_NMI_DATA_STREAM
Datastream Type	A single character 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 – up to 5 characters.	CATS_REGISTER_IDENTIFIER
Time Of Day	Industry developed Codes to identify the time validity of register contents – up to 10 characters.	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
ActCumind (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, ActCumInd is normally = A.	CATS_REGISTER_IDENTIFIER
MeterRead Type	Code indicating the method and frequency of meter reading.	CATS_METER_REGISTER