

ALLOCATION OF EMBEDDED NETWORK CODES

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Version Control

VERSION	DATE	DETAILS
1.0	August 2001	Original document issued to Network Service provider responsible for creating code. This document was never made available on the Website
2.0	July 2006	Updated to remove references to Australian Inland Energy and placed on the Website
3.0	June 2008	Updated to include new capability of creating codes 140 business days retrospectively
4.0	July 2009	Update to AEMO format, inclusion of new codes for TNSP allocated embedded networks in Table 1 and name change to Jemena from Alinta AE
5.0	October 2011	Name changes to NSW networks, Country Energy, Energy Australia & Integral Energy

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1. Introduction

The CATS_EMB_NET_ID_CODES table in MSATS has the EMBNETIDCODE field, which contains the embedded network identifier codes used to identify to which embedded network an embedded network NMI belongs, either as a parent or a child.

These embedded network codes are to be provided by the participants to AEMO. AEMO will administer the codes and pre-populate the appropriate data tables in MSATS. Further information about the CATS_EMB_NET_ID_CODES table and definitions of all fields in the table are in Appendix 1.

The Local Network Service Provider (LNSP) whose network the embedded network's parent NMI is connected is to provide the embedded network code to AEMO. The owner of the embedded network may liaise with the LNSP in determining an appropriate code as per the embedded network code structure specified by AEMO.

Please provide the embedded network code data via email to:

infocentre@aemo.com.au

2. Embedded Network Code Structure

The following code structure defines the embedded network code, which can have up to 10 alphanumeric characters.

XXXXXXXXXX

Where:

1. The first two characters indicate the participant selected from Table 1.
2. The participant provides the other 8 characters. All eight characters do not have to be provided, however the participant has the option of providing up to 8 alphanumeric characters.

Allocation of Embedded Network Codes

	NEM PARTICIPANT (LNSP)	CODE FOR THE FIRST TWO CHARACTERS IN EMBEDDED NETWORK CODE
1.	ActewAGL Distribution	NA
2.	Essential Energy	NC
3.	Jemena	VA
4.	CitiPower	VC
5.	SP-Ausnet	VT
6.	Ausgrid	NE
7.	Endeavour Energy	NI
8.	Energex	QX
9.	ETSA Utilities	SE
10.	Ergon	QR
11.	Powercor	VP
12.	United Energy	VU
13.	Electranet	EN
14.	Transgrid	TG

Table 1: Embedded Network Code Structure

3. Example

An embedded network owned by Ausgrid can have the following embedded network code.

NESYDAPORT

where the first two characters were obtained from Table 1 and the other 8 characters provided by Ausgrid.

4. APPENDIX 1 - Table CATS_EMB_NET_ID_CODES

4.1 Card of the table CATS_EMB_NET_ID_CODES

NAME	CATS_EMB_NET_ID_CODES
COMMENT	Maintenance table for embedded network identifier codes. The embedded network identifier code is used to identify to which embedded network a NMI belongs, either as a parent or a child. (If on a NMI record neither of these fields is populated, it is assumed the NMI is not related to any other NMI.)

4.2 Column list of the table CATS_EMB_NET_ID_CODES

NAME	COMMENT	DATA TYPE	MANDATORY	PRIMARY	FOREIGN KEY
ID_ENIC	Unique identifier allocated to each record within this table.	NUMBER(8)	TRUE	TRUE	FALSE
EMBNETIDCODE	Code for embedded network identifier. The embedded network identifier code is used to identify to which embedded network a NMI belongs, either as a parent or a child. (If on a NMI record neither of these fields is populated, it is assumed the NMI is not related to any other NMI.)	VARCHAR2(10)	TRUE	FALSE	FALSE
EMBNETIDDESC	Description of embedded network identifier.	VARCHAR2(50)	TRUE	FALSE	FALSE

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NAME	COMMENT	DATA TYPE	MANDATORY	PRIMARY	FOREIGN KEY
LOCALITY	Locality to which the embedded network identifier belongs.	VARCHAR2(46)	TRUE	FALSE	FALSE
POSTCODE	Postcode for the locality to which the embedded network identifier belongs.	VARCHAR2(4)	TRUE	FALSE	FALSE
STATE	State for the locality to which the embedded network identifier belongs.	VARCHAR2(3)	TRUE	FALSE	FALSE
STARTDATE	The start date for which a change to/creation of a record will take effect. Retrospective creation/updates are permitted up to 140 business days.	DATE	TRUE	FALSE	FALSE
ENDDATE	The end date for which a change the record will cease to be effective. Edits occurring to current records will result in an end date of the new records start date less one day. New records will have end dates set to 31-Dec-9999.	DATE	TRUE	FALSE	FALSE
MAINTUPDTID	Identification of the user to last update the record. This field will be automatically populated based on the user identification log-in.	VARCHAR2(15)	TRUE	FALSE	FALSE
MAINTUPDTDT	The date on which the record was last updated. Upon initial creation of a record this field will be populated with 31-Dec-9999 and changed to reflect the system date of when the record was altered, as required.	DATE	TRUE	FALSE	FALSE
MAINTACTFLG	Identifies if the record is active (A) or inactive (I). The inactive code operates as a 'soft' delete. Valid values to be used for the MaintActFlg are stored within the MSATS_Code_Values tables (CodeType = 'ActivityCode').	CHAR	TRUE	FALSE	FALSE
MAINTRECLOCK	Used for optimistic locking. This prevents one user from altering a record when another user already has access to this record. This is particularly required for on-line	NUMBER(3)	TRUE	FALSE	FALSE

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NAME	COMMENT	DATA TYPE	MANDATORY	PRIMARY	FOREIGN KEY
	transactions.				
MAINTCREATEDT	The date on which the record was originally created. This field is defaulted to the current system date and time of when the record is created.	DATE	TRUE	FALSE	FALSE