

# FACTSHEET

ROLE OF THE EMBEDDED  
NETWORK MANAGER



## WHAT ARE EMBEDDED NETWORKS?

Embedded networks are private electricity networks that serve multiple premises and are located within, or connected to, a distribution or transmission system through a parent connection in the National Electricity Market (NEM). Examples typically include apartment blocks, retirement villages, caravan parks and shopping centres.

Electricity within an embedded network is supplied to end users by an Exempt Embedded Network Service Provider (EENSP), who must apply to the Australian Energy Regulator (AER) for an exemption as an exempt network operator.

A connection point between the end users and the distribution network becomes a parent connection point, and multiple end user connection points become child connection points, each with their own meters.

## WHAT IS AN EMBEDDED NETWORK MANAGER?

The Embedded Network Manager (ENM) is a new accredited provider role created under the Australian Energy Market Commission's (AEMC) final rule determination for embedded networks and the 2012 AEMC Power of Choice Review. The final rule reduces barriers to embedded network customers choosing the products, services and provider of retail services that suit them best.

[Click here](#) for a link to the AEMC's final rule determination on embedded networks.

An ENM is not a Registered Participant under the National Electricity Rules. Instead it is an accredited service provider whose role is to perform the market interface functions for embedded network customers and to facilitate their access to electricity retail market offers.

Any person may apply to AEMO for accreditation as an ENM. They must successfully complete the qualification and accreditation process and meet the ongoing requirements specified in the ENM Service Level Procedure.

## WHAT ARE THE RESPONSIBILITIES OF AN EMBEDDED NETWORK MANAGER?

The responsibilities and obligations of an ENM are detailed in the ENM Service Level Procedure and the MSATS Procedures. These include, but are not limited to:

- Provide market interface services for child connection point end users, which are services that link end users to the NEM systems.
- Upon request from a retailer, apply to AEMO for National Metering Identifier (NMI) for child connection points in the embedded network for which they are the ENM.
- Register Child NMIs in MSATS.
- Provide the Metering Coordinator, FRMP, and EENSP with the NMI of the child connection point.
- Establish and maintain the NMI Standing Data for its Child NMIs within MSATS.
- Allocate Embedded Network Codes for their Child NMIs in MSATS
- Act in the Role of LNSP in MSATS for its child connection points.
- Maintain and manage relevant embedded network wiring information and meter arrangements.
- Assigning Distribution Loss Factors (DLF) to each child connection point in MSATS.
- Provide AEMO with a list of all DLFs for all their child connection points indicating which ones were calculated by the EENSP.
- Maintain a register of all allocated Child NMIs.

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### WHO NEEDS TO APPOINT AN EMBEDDED NETWORK MANAGER?

From 1 December 2017, EENSPs who own, operate or control an embedded network in the NEM will require an ENM. The Australian Energy Regulator's Network Exemption Guideline sets out the requirements for when an EENSP must appoint an ENM, with these varying in certain states, regions and territories, where embedded networks customers do not have the right to access a market retailer.

In other cases, EENSPs are permitted to delay the appointment of an ENM until a customer within the embedded network enters into a contract with a market retailer. This generally applies for small embedded networks (under 30 customers) and for certain classes of network exemption.

[Click here](#) for a link to the AER's website and an interactive tool to work out if your embedded network requires an ENM.

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### WHERE CAN I FIND MORE INFORMATION?

See AEMO's website for the Service Level Procedure for ENM's and Guide to Embedded Networks.

See [AER's website](#) and information on embedded networks to exempt embedded network service providers.

For any further enquiries, please contact AEMO's Information and Support Hub via [supporthub@aemo.com.au](mailto:supporthub@aemo.com.au) or call 1300 236 600.