

Fact sheet: Exemptions from registration – embedded generation and battery systems



Information for embedded generators and hybrid battery systems under 30 MW

Who needs to register their generator with AEMO?

Under the National Electricity Rules (the *Rules*), any person seeking to connect a *generating system* to TasNetworks' transmission or distribution networks either must be registered as a *generator* with the Australian Energy Market Operator (**AEMO**) or seek an exemption from registration from **AEMO**. This includes embedded generating units.

Registered *generators* have different obligations under the *Rules* to *generators* that are not registered.

Who is eligible for an exemption to register as a Generator?

Generating systems with a combined *nameplate rating* of less than 5 MW are automatically exempt from registration as a *generator* under clause 2.2.1(c) of the *Rules*.

Generating systems with a combined *nameplate rating* of 5 MW or more but less than 30 MW are **not** automatically exempt from registration. Due to specific network operational requirements in Tasmania, TasNetworks is generally unable to support an application for exemption of a *generator* where the *generating system* will have *sent out generation* of 5 MW or more.

Some *generating systems* may be eligible for an exemption if they have a combined *nameplate rating* equal to or greater than 5 MW, but no greater than 30 MW. Generally, this may occur if the system

incorporates other load behind the meter, such that the maximum *sent out generation* to the network is less than 5 MW. TasNetworks may support this request provided there are no preventative network, operational or performance requirements.

Generating systems with a *nameplate rating* of 30 MW or more must register as a *generator* with AEMO.

Exemptions for hybrid systems

Hybrid systems comprise both a *generating system* and a storage (battery) system¹.

If the combined *nameplate rating* of the hybrid system is less than 5 MW including both the *generating system* and battery system ratings, the system is automatically exempt from registration as either a *market generator* or a *market customer*.

Details of the registration requirements for systems with a larger *nameplate rating* will be determined during the connection enquiry process. However, for systems with a *sent out generation* of less than 5 MW at all times, TasNetworks will generally support an application for exemption from registration as either a *market generator* or *market customer*.

Any *generating system* with an energy storage system that has a *nameplate rating* of 5 MW or more must register as both a *market generator* and *market customer*.

Terms in this fact sheet

Several terms in this fact sheet have definitions taken directly from the National Electricity Rules. These words have been italicised. See Chapter 10 of the *Rules* for the exact definitions of these terms².

For more information

To find out more visit our website

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¹ *Fact Sheet – NEM – Battery System Registration v2, October 2021*, available: https://aemo.com.au/-/media/files/electricity/nem/participant_information/new-participants/registering-a-battery-system-in-the-nem.pdf?la=en

² *National Electricity Rules Version 177, 10 January 2022*.