Distributed Energy Resource Register

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From 1 December 2019 Evoenergy will be required to provide information on every Distributed Energy Resource (DER) connected to our distribution network to the Australian Energy Market Operator (AEMO) to feed into their DER Register.

What's a DER?

DER stands for Distributed Energy Resource. The DER Register will record all small grid-connected generating systems totaling up to 30 MW at a premises, including:

- Solar photovoltaic (PV) systems, whether on the building or the ground
- Battery Energy Storage Systems
- Small wind turbines
- Small hydro-electric turbines
- Other renewable energy generating systems
- Gas turbines
- Diesel or petrol generators (grid-connected)
- Electric vehicles configured with Vehicle-to-Home/Vehicle-to-Grid capability.

Why do we need a DER Register?

The Register will give AEMO and Evoenergy better visibility of the collective generation capacity of DER's, which will enable them to run the electricity grid well for the benefit of all Australians. It will also enable us to:

- Forecast, plan and operate the grid more efficiently, ensuring the system and market can deliver energy at an efficient price for all customers
- Be more prepared for major disruptions to the system with a greater understanding of how DER assets will behave during these events
- Prepare the grid for major innovations with DER such as virtual power plants, and enabling customers to consider and participate in new markets with their DER, and
- Allow networks to make better informed decisions about network investment options in the future as demand changes and DER increases

What is changing?

Evoenergy is making changes to our special connection request application form to collect the mandatory DER information, for both new installations and changes to existing installations. This will come into effect from 1 December 2019.

Examples of the additional DER data to be entered (when relevant) are:

- Panel type, manufacturer and model number
- Number of panels
- Battery type, manufacturer and model number
- Power quality response modes
- Non-inverter generator information.

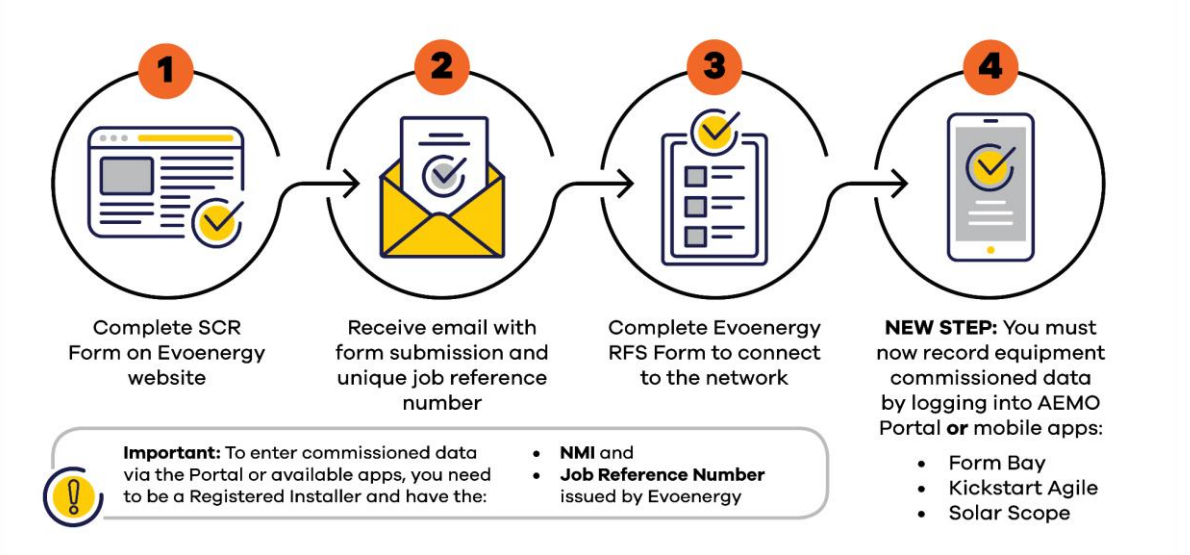
How will this change affect me?

We'll need to ask more technical questions about any solar (or other embedded generation) connection you apply for through the special connection request. This information will then provided to AEMO.

At the time of commissioning, complete the Evoenergy RFS form and you will now be required to log into the AEMO portal or one of the Smartphone applications you currently use (Form Bay, KickstartAgile, Solar Scope), using Evoenergy's installer job number and record that the system has been commissioned.

AEMO will generate a confirmation receipt once the DER installation is registered in the DER Register. This confirmation receipt will be issued to installers and Evoenergy within 20 business days of the installation being turned on.

What is the new process for DER connections with Evoenergy?



What is not changing?

The collection of the additional DER data does not impact or change:

- Our Embedded Generational application processes, associated fees or timelines.
- Evoenergy applications greater than 30kW. You are still required to submit an Enquiry before the request for a connection can be made.
- You must complete an RFS form to connect to Evoenergy's network.
- The issuing of Contracts. Contracts will continue to be granted after satisfactory assessment of your application, when relevant.
- The applicant's obligations to lodge a new Connect application if any attribute of the proposed installation changes, and await our approval before proceeding to install.

More information about the DER Register

More information can be found on the AEMO DER Register webpage or you can email us at embeddedgeneration@evoenergy.com.au