

# 30-200kW Inverter Energy System (IES) Embedded Generation Application Process

## 1 APPLICATION **Submit a connection application**

The applicant completes an application for new or existing solar and/or embedded generation on the Ausgrid website via [ausgrid.com.au/connect](https://ausgrid.com.au/connect). A credit card payment is required to complete the process.

Each application should include:

- ✓ an installation single line diagram (SLD)
- ✓ a 3 phase protection schematic
- ✓ a location diagram which includes the location of site connection to grid, inverter locations, and; relevant switchboard locations.

**Note:** Proposed protection settings are no longer required to be tabled on the design. Standardised settings will be provided by Ausgrid on the Ausgrid Micro EG (30-200kW) Site Specific Commissioning Template at design approval.

## 2 ASSESSMENT **Ausgrid will assess your connection application**

- ✓ Ausgrid will assess the submitted drawings for compliance with relevant standards.
- ✓ Ausgrid will assess the compatibility of the proposed connection with the existing network in the area.
- ✓ If required, Ausgrid will provide options to proceed if any network limitations or constraints are identified.
- ✓ If required, Ausgrid will provide feedback on any amendments that are required for the design to be approved.
- ✓ Additional design submissions are to be submitted directly via email to connections at: [technical.enquiries@ausgrid.com.au](mailto:technical.enquiries@ausgrid.com.au)

**Note:** Additional fees may apply where Ausgrid needs to complete significant rechecking.

## 3 OFFER **Ausgrid issues a connection offer**

- ✓ After successful network assessment and IES design review, Ausgrid will issue a connection offer via the Ausgrid Customer Portal.
- ✓ The approved SLD, protection drawings and the Ausgrid Micro EG (30-200kW) Site Specific Commissioning Template will be attached with the offer in the Ausgrid Customer Portal.
- ✓ Upon acceptance of the offer by the customer/applicant, the Ausgrid connection approval will be deemed complete, and Ausgrid will email the applicant the Ausgrid Job Number and AEMO DER Register Job Number correspondence.

**Note:** The Ausgrid Job Number is to be used to book a mandatory installation inspection once the works are complete.

4

## CONSTRUCT

### Completion of the installation as per Ausgrid approved design

- ✓ If the approved design is not constructable and requires amendments, a new design should be submitted to Ausgrid for review and approval. (Rechecking fees may apply)
- ✓ The installer must arrange for injection testing of the grid protection relay and IES commissioning tests to be completed at the installation with the test results recorded on the Ausgrid Micro EG (30-200kW) Site Specific Commissioning Template.
- ✓ The Ausgrid Micro EG (30-200kW) Site Specific Commissioning Template, CCEW and MSB Compliance Statement (if required) are to be submitted to the Ausgrid Inspectors via the Ausgrid Customer Portal.

**Note:** Unapproved As Built Drawings will NOT be accepted.

5

## INSPECT

### Ausgrid inspects prior to electrification

- ✓ Installation inspections must be completed prior to permanent electrification of the IES.
- ✓ Once the installation is complete and all compliance and testing requirements have been provided to Ausgrid, a site inspection must be scheduled with Ausgrid's inspectors. Email your inspection request to: [resservicesupport@ausgrid.com.au](mailto:resservicesupport@ausgrid.com.au)  
**Note:** Please include the Ausgrid Job Number, project reference number (starting with 190\*\*\*\*\*) and address details in the email.
- ✓ Ausgrid will respond to the email request within 10 business days and will confirm an inspection date.
- ✓ The Ausgrid inspector will authorise the permanent electrification of the IES installation onsite where no major defects are identified. Additional fees apply where re-inspections are required.