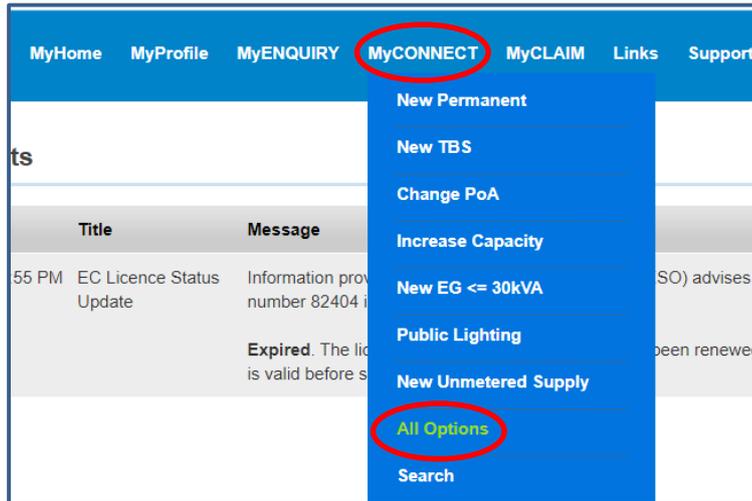


# How to Apply: Dynamic Connections <30kVA



Part of Energy Queensland

1. Access the Service Interactions Portal and select 'MyCONNECT/ All Options'



2. Service Selection

- 1. Select Embedded Generation – (inc Solar, Wind, etc)
- 2. Select the appropriate Type of Application from the drop-down list.
- 3. Select 'Embedded Generation – 30kVA or less'
- Click on Next

### Service Selection

Select the CONNECT Service Type required

1. Embedded Generation - (Incl. Solar, Wind, etc)
2. Initial Installation
3. Embedded Generation - 30kVA or less
- 4.

A CONNECT application is required

Click Next to continue.

3. Search for the premise within the 'Premise/Address Search' section.

**Premises/Address Search**

Search by [NMI](#), [Meter Number](#), [Address](#) or [Lot and Plan](#)

Enter Street and Suburb/Postcode  ?

e.g. GORMLEYS RD SEAFORTH  
GORMELYS RD 4741

To refine the search, enter any of the following...

Street No.

Lot No.

Unit No.  **Search for Address**

4. Confirm the following within the 'Premise details' section.
- premise details are correct
  - ensure you confirm the radio button questions on the right are defaulted to the correct answer, otherwise please change

**Premises Details**

NMI

Property Title

Unit Type

Unit No.

Lot No.

Plan No.

Street No.

Street Name

Street Type

Suburb

**Change Premises** ?

**Validate Address** ?

**Additional Address Details**  
Provide extra information about the premises location. Maximum 70 characters.

Is electricity supply available to your property from the existing Ergon Energy network?  Yes  No ?

Direction to access main switchboard

If this request is for a multiple-occupancy premises, how many requests will be submitted?

Do you anticipate vegetation control will be required to carry out request?  
 Yes  No

Is this Premises on a Single Wire Earth Return (SWER) Network?  
 Yes  No ?

This Application is for proposed EGS Site at a Multi-Tenancy installation  Yes  No ?



5. Populate all the information within the 'Applicant' section

**Applicant**

Applicant Type: Solar Installer

Group: Please Select...

Business  Individual

Business Name: Testcase

ABN No.: 12345678936

Postal Address: Testcase Street

Postal Suburb: Testcase

Postal State: Queensland

Postcode: 4000

First Name: Lisa

Last Name: Jane

Mobile No.: 0400000000

Other Contact No.:

Email Address: Lisajane1234@gmail.com

Preferred Contact: Email

The Applicant will be responsible for any related charges

6. Populate all the information within the 'Customer' section.

**Customer**

Use Applicant Details - only if applicant is the Customer

Business  Individual

Business Name: Testcase 123 Pty Ltd

ABN No.: 12345678922

Postal Address: Testcase Street

Postal Suburb: Testcase

Postal State: Queensland

Postcode: 4000

First Name: John

Last Name: Doe

Mobile No.: 0400000000

Other Contact No.:

Email Address: johndoe@gmail.com.au

Preferred Contact: Email

The Customer will be responsible for any related charges



7. Populate the Installer information

### Embedded Generation

#### Installer

Business Name

Clean Energy Council Accreditation No.

[Manually enter](#) non-CEC accredited installer.

My Application is for High Voltage, Non-Solar, or Non-Standard Inverter

8. Search for your Inverter/s in the 'Equipment' & 'Search Text (Inverter)' box, once located, click on 'Add Inverter'

### Equipment

Search for an AS/NZ 4777.2 compliant inverter  
There may be more matching items than can be shown. Keep typing if you can't see your model in the list yet

Search Text (Inverter)

- SolarEdge Technologies Ltd Three Phase Inverter SE10K-AUB (AS4777-2 2020) 0 10
- SolarEdge Technologies Ltd Three Phase Inverter SE10K (AS4777-2 2020) 0 10
- SolarEdge Technologies Ltd Three Phase Inverter SE100K (AS4777-2 2020) 0 100

9. Please ensure you select 'Add Device(s)' after you have selected the inverter as above. This is where you will add the panels and DC coupled batteries under your selected inverter.

Reminder – AC coupled batteries (BESS) must be added as Equipment by searching and selecting the inverter.

### Equipment 1

Equipment Type: Inverter Commissioning Date:

Status: **Active** Manufacturer: SolarEdge Technologies Ltd

Series: Three Phase Inverter Model: SE7K-AUB (AS4777-2 2020) Series Other: No

Maximum Rating (kVA): 7 Quantity:  Number of Phases: 3



10. Site Information

- Total PV Array Output Rating and Total Generation Output Rating will be populated by the Inverter and Panels
- Please ensure you populate the remainder of the Site Information
- Proposed Export Limitation = Select Dynamic Export
- The Total Export Limit will be populated based on the algorithm from STNW3510 applicable for Dynamic Connections.

**Site information**

Total PV Array Output Rating (kW)  ?

Total Generation Output Rating (kVA) (inverter, rotating machine nameplate capacity)  ?

Total No. of Phases Onsite  1  2  3 ←

Is this site Bulk Metered?  Yes  No ←

Number of Phases that all equipment (includes existing and new) will be connected to  1  2  3 ←

Energy Source  ▼ ←

Equipment Additional Info  
Provide extra information about the equipment.  
Maximum 255 characters.

Metering Scheme  Gross metered ?  Net metered ? ←

Has a separate, external Generation Signalling Device (GSD) been fitted to the inverter to enable remote control of the inverter by the Electricity Distributor Ergon Energy Network?  Yes  No ←

Power Quality Response Mode  ▼ ←

Proposed Export Limitation  ▼ ? ←

Total Export Limit (kW)

Is this Premises in a Retirement Village or Gated Community?  Yes  No ←

**Storage Batteries**

Are Storage Batteries Installed?  Yes  No ? ←



11. Ensure you read and respond to the Declarations and click on Submit.

### Declarations

#### Expedite Application

I elect to expedite (at no additional cost), and certify that I am authorised by the Customer to accept the terms and conditions of the model standing offer, viewable at: ([www.ergon.com.au](http://www.ergon.com.au) by searching on "Model Standing Offer") on behalf of the Customer, from the date of this application. If Ergon Energy determines that further evaluation or alteration is required to complete the connection, the option to expedite will no longer be available and Ergon Energy will advise you accordingly.

I elect to expedite this application and connection offer.

#### Design and Commissioning Acknowledgement

If my application is deemed Negotiated under STNW1174, I declare the design & commissioning for the EG installation has or will be carried out under engineering supervision by a Registered Professional Engineering of Queensland (RPEQ). The installation complies with the requirements of STNW1174.

I acknowledge the installation complies with the requirements of STNW1174.

#### Authority to Act

I am authorised to make this application. I confirm that the information provided in this form is complete and correct.

#### Customer Privacy

The personal information of a customer is confidential and can only be disclosed to Ergon Energy if express permission is provided by the customer. Please confirm the customer agrees to have their personal information disclosed to Ergon Energy and their selected Retailer.

#### Serial Number Acknowledgement

I acknowledge that if the Serial Number is not provided as part of this Application, I will be required to return to the portal after the inverter is installed to provide the Serial Number(s) for any inverter(s) installed at these premises.

I acknowledge that I will return to this application and supply the inverter serial number(s) once these are installed.

#### Technical Reminders

I certify that the installation will be installed in accordance with 'Australia A' region settings and the EG system will remain off until suitable metering equipment is installed to accurately measure the electricity consumed and exported at the premise.  
Where the system being installed exceeds 10 kVA, I confirm that the generated capacity will be evenly spread over multiple phases, with no one phase being out of balance to the other phases by more than 5 kVA.

#### Applicant Declaration

I understand that this connection application is for the provision of a connection service, and I also understand that electricity will not be connected until the electrical installation is capable of passing the tests prescribed in the Australian Standard Wiring Rules. Please note that our connection offer to you will include itemized connection charges payable by you where relevant.

I acknowledge that if the connection service is not a basic connection service, or if I elect to negotiate the terms of the connection contract (please refer to Ergon Energy's website for details), I will enter into a negotiated connection contract and Ergon Energy will invoice me (the applicant) where relevant for the costs of processing this connection application and preparing a negotiated connection offer.

I declare that all of the information provided in this connection application is true and correct to the best of my knowledge, and that Ergon Energy will prepare a connection offer based on information contained herein.

NOTE For pole mounted UMS (other than a Watchman Light) an enquiry should be submitted to Ergon Energy regarding suitability of load and location of the proposed installation prior to lodging an application.

I have read and accept all terms and conditions. (viewable [here](#))

Save **Submit**



12. Your application will transition to our Generation Team to review and provide you an offer within 65 business days.
13. You must 'Accept' your offer in the portal and ensure an Electrical Works Request (EWR) is submitted in accordance with the terms of the Connection Contract.
14. Once the Offer has been accepted you can install the system and submit the Electrical Works Request (EWR) in accordance with the terms of the Connection Contract.



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