

Application number: 52813604



12 May 2020

MR AMARJIT SINGH
25 LITTLE ROAD
GRIFFITH NSW 2680

Dear Sir/Madam

Application for a New Connection / Connection Alteration – NMI: 42042350582

Thank you for your recent application. Your application meets the conditions of our Model Standing Offer for **Low Voltage Basic Connection Services with Micro Embedded Generator**.

The fee associated with processing a Basic with Embedded Generation Connection will be a Connection Offer Service – Basic as per the Price Schedule for Ancillary Network Services located on our website at <https://www.essentialenergy.com.au/our-network/network-pricing-and-regulatory-reporting/network-pricing> and will be invoiced accordingly.

A copy of our Standing Offer is published on our website at www.essentialenergy.com.au/content/connection-offers-and-contracts. To accept our offer, please sign, date and return this letter to Essential Energy via email to connection.applications@essentialenergy.com.au.

If you do not complete and return this letter within 45 business days of the date of this letter, your offer will expire and you will be required to submit a new application for connection. When the signed letter is received by Essential Energy, we will send you a notification of receipt and electrical work can commence.

In accordance with the applicable energy laws, and your connection contract, the customer must ensure that their retailer has installed the appropriate electronic metering, capable of separately registering both imported and exported energy, at your premises prior to connection of the embedded generation system.

APPROVAL/SITE SPECIFIC CONDITION(s): Total Solar Export must be limited to 5 kW.

A condition of this basic connection offer is that all inverter energy systems must have the volt-watt and volt-var response modes enabled with the following settings:

Voltage (V) – measured at inverter terminals	P/Prated (%)
207	100%
220	100%
253	100%
260	20%

Voltage (V) – measured at inverter terminals	VAr (var % rated VA)
207	44% leading
220	0%
240	0%
258	60% lagging

The percentage var/VA level leading is the inverter sourcing vars to the grid, whereas the percentage var/VA level lagging is the inverter sinking vars from the grid.



Furthermore, the sustained overvoltage inverter protection set point shall be set to 258V.

Please note that the application for connection submitted by you or your representative will act as the technical schedule to your contract. A link to the application was emailed to you after it was submitted.

Under the basic connection offer, it is a requirement, among other things, for the installation to comply with the NSW Service and Installation Rules. Particular attention is drawn to the following requirements:

All NEW service mains in Rural or fire prone areas must be underground, even if the service mains are to be connected to an overhead distribution line. Please liaise with local Essential Energy Inspection staff for any variations from this requirement, as per SIR 1.12.4.

All electrical equipment is selected, installed, and operated so as to minimise or prevent adverse effects to the distribution system and other customers' installations connected to the distribution system and must comply with the SIR.

All motor starts are to be in accordance with 1.16.2.4 and Table 1.2 of the SIR.

All Installations must ensure that a satisfactory power factor is maintained at all times as per SIR 1.16.11.

You can access other relevant information relating to your new connection / connection alteration by visiting www.essentialenergy.com.au or by contacting 13 23 91.

Yours sincerely

Guy Rowlands
Customer Connections Supervisor

I hereby agree to be bound by the offer to provide basic connection services.

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Signed

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Title

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Name

Date: