

# Renewable Energy System - Electricity System Connection Application Form

If you would like assistance completing this form, please email [renewables@horizonpower.com.au](mailto:renewables@horizonpower.com.au)



**This is an application to connect your renewable energy system to Horizon Power's electricity system and participate in Horizon Power's Renewable Energy Buyback Offer, change your existing renewable energy system that is already covered by Horizon Power's Renewable Energy Buyback Offer, or apply Horizon Power's Renewable Energy Buyback Offer to an existing renewable energy system.**

Horizon Power will assess your application and either provide you with written approval to connect your system and participate in the Renewable Energy Buyback Offer, change your system that is already covered by the Renewable Energy Buyback Offer, or apply the Renewable Energy Buyback Offer to an existing system (as applicable), or inform you that Horizon Power does not accept your application and a summary of the reasons why.

Please note that Horizon Power's Technical Requirements and eligibility rules change with effect on 1 July 2012. You may be required to include Generation Management details in your application.

The Renewable Energy Buyback agreement has three key components:

1. **The application form:** this document, which you must complete.
2. **The contract:** if your application is accepted, then you will enter into a contract with Horizon Power, and must comply with the terms and conditions contained in it. There are two types of contract. The contract that will apply to you is determined by Horizon Power's eligibility requirements (see below).
3. **The Technical Requirements document:** this sets out the Technical Requirements that you must comply with under your contract with Horizon Power. A breach of a Technical Requirement may constitute a breach of your contract.

Importantly, if your application is accepted, you must comply with your contract and the Technical Requirements, even if you do not intend to sell any excess electricity to Horizon Power.

There are two types of contract:

- a) **Renewable Energy Buyback terms and conditions** (previously known as our REBS product): this applies to "REBS eligible customers" within the meaning of Regulation 3 of the Electricity Industry (Licence Conditions) Regulations 2005 (WA). In general terms, a REBS eligible customer is a customer with a renewable energy system of up to 5 kW and who is:
  - on the A2, C2, D2 tariff; or
  - is an educational institution.
- b) **Renewable Energy Commercial Buyback terms and conditions** (previously known as our Commercial REBS product): this applies to all other customers.

Please make sure that you carefully read these documents (which can be found at [www.horizonpower.com.au](http://www.horizonpower.com.au)) and seek advice if you do not understand any part of them.

Version dated: 1 August 2012

Once completed, forward this form to:

Metering and Billing Services  
Horizon Power  
PO Box 1066  
BENTLEY DC 6983

Email: [renewables@horizonpower.com.au](mailto:renewables@horizonpower.com.au)

Fax: 1800 688 807

**This section to be completed for all applications**

**Note: fields marked with an asterisk (\*) are mandatory and must be completed.**

**This application is for\*:**

(Please select only one.)

Connecting a new renewable energy system to  
Horizon Power's network

Adding panels to an existing system

Increasing the size of an inverter (State the new  
total inverter capacity in Part 4: System Details)

A prepay meter customer to connect a new  
renewable energy system to Horizon Power's  
network

The Renewable Energy Buyback offer to be applied  
to an existing/installed renewable energy system

**This application is a\*:**

(Refer to our eligibility table at [www.horizonpower.com.au](http://www.horizonpower.com.au) to determine  
requirement. Please select only one.)

Class 1 System Size, NO Generation Management

Class 1 System Size, with Generation Management

Class 2 System Size, with Generation Management

Class 3 System Size, with Generation Management

*All applicants*

**Part 1: Customer information**

(As shown on your Horizon Power electricity bill.)

First name\*

Surname\*

Installation address\*

Town\*

Postcode\*

Applicant's postal address (if different from above)

Town

Postcode

Home phone

Daytime / mobile phone\*

Horizon Power account number\*

Meter number\*

Customer type\*

A2-Residential

C2-Community service

D2-Charitable accommodation

Educational Institution on either the L2 or L4 tariff

K2-Residential & Business

L2-Small Business Tariff

L4-Medium/Large Business

N2-Government Regional Non-Interconnected Connected

P2-Government North West Interconnected System

Are you registered for GST?\*

(If yes, please advise your ABN number.)

Yes, and my ABN is

No

Email\*

*This section to be completed for all applications*

### Part 2: Electrical contractor's details

Electrical contractor's full name\*

Electrical contractor's company

License number\*

Daytime phone\*

(including area code)

( )

Email\*

### Part 3: Installer's details

Installer's full name\*

Installer's company

Installer's Clean Energy Council accreditation number\*

Daytime phone\*

(including area code)

( )

Email\*

### Part 4: System details

System type\*

Photovoltaic

Solar Thermal

Wind

Mini Hydro

Expected installation date\*

dd/mm/yy

Inverter make and model\*

Inverter (system) capacity\*

Single phase (Max 10kW)

kW

Three phase

kW

Panel sizing\*

kW

### Part 5: Passive Anti Islanding Settings

fmin\*

Hz

vmin\*

V

fmax\*

Hz

vmax\*

V

*For "Class 1 System Sizes – NO Generation Management" Go to Part 8: Schedules*

*This section is for Generation Managed applications only*

## Part 6: Renewable Energy Smoothing

|                        |                         |                                  |
|------------------------|-------------------------|----------------------------------|
| Energy Storage Device* | Nominal Ramp Down Rate* | <input type="text" value="W/s"/> |
| Battery                | Non Linearity*          | <input type="text" value=""/>    |
| Super Capacitor        |                         | <input type="text" value=""/>    |
| Other                  |                         | <input type="text" value=""/>    |

## Part 7: Testing

|   |                               |
|---|-------------------------------|
| Type*                                       |                               |
| Push button self test                       |                               |
| Automatic self test & push button self test |                               |
| Test measurement accuracy                   |                               |
| Measurement error*                          | <input type="text" value=""/> |
| Repeatability*                              | <input type="text" value=""/> |

*This section to be completed for all applications*

## Part 8: Schedules

Please indicate that the necessary Schedules are complete, labelled clearly and attached to this application.

Class 1 and 2 system size applications

- Schedule 1 – Customer Compliance Checklist\*
- Schedule 2 – System Diagram\*
- Schedule 3 – Circuit Diagram\*
- Schedule 4 – Cable Data\*
- Schedule 5 – NPER sign off letter  
(only for generation management applications)

NPER Signoff (If reused, please specify date and name of project.)

New; or

Reused from Reference Design:

Date

Name of Project

Class 3 system size applications \*

- Schedule 1 – Customer Compliance Checklist\*
- Schedule 2 – System Diagram\*
- Schedule 3 – Circuit Diagram\*
- Send me an invoice for the \$3,500 fee\*

\* Schedules 4 and 5 for Class 3 are submitted at a later date.

### Horizon Power use only

Customer reference number

Date application received

dd/mm/yy

*This section to be completed for all applications*

## Part 9: Applicant declaration

I/we, the applicant(s) described above:

1. apply for Horizon Power's approval to connect my/our renewable energy system to Horizon Power's electricity system;
2. acknowledge and understand that Horizon Power is not bound to grant its approval to my/our Renewable Energy System – Electricity System Connection application;
3. agree, if Horizon Power approves my/our Renewable Energy System – Electricity System Connection application, to comply with the following terms and conditions (including in relation to the operation of your renewable energy system and sale of any excess electricity to Horizon Power):
  - a) if Horizon Power determines that I/we am/are a REBS eligible customer under the Electricity Industry (Licence Conditions) Regulations 2005 (WA)—the **Renewable Energy Buyback terms and conditions**.
  - b) if Horizon Power determines that I/we am/are not a REBS eligible customer under the Electricity Industry (Licence Conditions) Regulations 2005 (WA)—the **Renewable Energy Commercial Buyback terms and conditions**.
4. acknowledge and understand that, if Horizon Power approves this application, then this application, the relevant terms and conditions, and the Technical Requirements, will form a legally binding contract between me/us and Horizon Power (our "Contract");
5. acknowledge and understand that the Terms and Conditions and Technical Requirements can be accessed from Horizon Power's website, [www.horizonpower.com.au](http://www.horizonpower.com.au);
6. acknowledge and understand that if Horizon Power approves my/our Renewable Energy System – Electricity System Connection application, the Contract requires me/us to pay for, among other things:
  - a) any meter reprogramming or metering equipment installed by Horizon Power at my/our premises in accordance with the Contract regardless of whether my/our renewable energy system is installed or commissioned; and
  - b) costs associated with the testing of the renewable energy system if our Contract incorporates the Horizon Power Commercial Renewable Energy Buyback Terms and Conditions;
7. agree that if Horizon Power approves my/our Renewable Energy System – Electricity System Connection application, I/we authorise Horizon Power to inform Government Agencies of its approval and to disclose the Contract to those Government Agencies for any purposes including assisting in the approval of any application by me/us for any subsidy, funding or rebates made in connection with our renewable energy system.
8. I/we agree:
  - a. to operate and maintain my/our renewable energy system in accordance with the manufacturer's operating instructions and recommendations and Horizon Power's Technical Requirements for renewable energy systems connected to the low voltage (LV) network via inverters (which can be found at [www.horizonpower.com.au](http://www.horizonpower.com.au)); and
  - b. that no change can be made to my/our renewable energy system (including but not limited to generating capacity, output capacity and inverter rating) without first receiving written approval from Horizon Power.

**I understand, accept and agree to these terms.**

Customer's Name\*

Meter number\*

Customer's Signature\*

Date\*