

# Distributed Energy System Application

## Up to 30kW (renewable system inverter capacity)

This form must be completed if you are:

- (a) planning to install or upgrade a renewable energy system and/or battery storage system under 30kW and you will be transferring electricity into Western Power's network; and
- (b) you are not eligible or do not elect to participate in the Renewable Energy Buyback Scheme or the Distributed Energy Buyback Scheme.

You are eligible to apply for this service if you are a current Synergy customer. Once your application has been accepted by Synergy, we will provide you with your Retailer Reference Number to use when you apply to Western Power for technical and connection approval of your system.

**All fields must be completed and all information provided must be true and correct. Incomplete and incorrect applications will not be accepted.**

Simply complete this form and upload it online at [synergy.net.au/DES](http://synergy.net.au/DES) or mail to:

**Business Customer Service (Distributed Energy Systems),  
Synergy, GPO K856, Perth WA 6842**

### System details

PV  Battery  Wind  Other \_\_\_\_\_

### Renewable system details

Please tick application type:

New PV system  Change of PV system size  Existing PV system (for battery/wind storage applications)

Total generation system size (kW) \_\_\_\_\_

Total inverter capacity (kW) (must be equal to or under 30kW) \_\_\_\_\_

Expected installation/upgrade date \_\_\_\_\_

### Battery system details

Battery system installed: New battery system  Change of battery system size

Battery capacity (kWh) \_\_\_\_\_

Battery power (kW) \_\_\_\_\_

Does the battery system contain an inverter additional to solar PV inverter? Yes  No

If yes, battery inverter capacity (kW) \_\_\_\_\_

Will the battery be configured to export to Western Power's network? Yes  No

If yes, export limit (kW) \_\_\_\_\_

### Account details

Account name \_\_\_\_\_

ABN/ACN (if applicable) \_\_\_\_\_

Synergy account number \_\_\_\_\_ Meter Number \_\_\_\_\_

Name of account holder (or authorised person) \_\_\_\_\_

Supply address where installation or upgrade will take place \_\_\_\_\_

Contact telephone \_\_\_\_\_ Mobile \_\_\_\_\_ Fax \_\_\_\_\_

Email \_\_\_\_\_

Postal address \_\_\_\_\_

Suburb \_\_\_\_\_ Postcode \_\_\_\_\_

### **System owner (if different to account holder)**

Surname/Company name and ABN or ACN \_\_\_\_\_

Given name(s) \_\_\_\_\_

### **Installer contact detail**

Business name of installer or provider \_\_\_\_\_

Installer email \_\_\_\_\_

Installer's ABN/ACN \_\_\_\_\_

By providing my installer's email address, I authorise Synergy to send my Retailer Reference Number, name and address directly to the installer. Do you consent to Synergy sending this information to the installer?

Yes  No

### **Emergency solar management details (applicable to renewable systems)**

From 14 February 2022, all new and upgraded residential solar and battery systems are required to meet new state government emergency solar management requirements. For details visit: <https://www.synergy.net.au/dpvmanagement>

Distribution connected solar and battery systems that are installed or upgraded after 14 February 2022 that are not subject to an off-take agreement will be subject to export limits to ensure they do not contribute to low load events. Export limits will be set in accordance with Western Power's Basic Embedded Generator Connection Technical Requirements and will be set to an export limit of no more than 1.5 kW. For details visit: [www.westernpower.com.au/industry/manuals-guides-standards/basic-embedded-generation-connection-technical-requirements/](http://www.westernpower.com.au/industry/manuals-guides-standards/basic-embedded-generation-connection-technical-requirements/)

### **Declaration terms and conditions**

*I acknowledge and confirm the following:*

1. I will comply and continue to comply for as long as I am receiving the bi-directional service with all the eligibility requirements of this bi-directional service and be bound by the terms and conditions set out below (see condition 2 of the Terms and Conditions).
2. I acknowledge non-compliance with Western Power's Basic Embedded Generator Connection Technical Requirements applicable to Emergency Solar Management may restrict my ability to connect and operate my distributed energy system on and from 14 February 2022.
3. I will comply with Western Power's technical connection requirements (including the Basic Embedded Generator Connection Technical Requirements) and ensure a Western Power approved bi-directional meter has been installed prior to the transfer of electricity from the system into Western Power's electricity network.
4. Synergy can terminate the bi-directional service and I must disconnect the system from Western Power's network if I  
(a) no longer occupy the premises;  
(b) exceed the total maximum inverter capacity; or  
(c) fail to perform any obligations imposed on me under this Application.
5. If I am not the owner of the premises where the system is installed, I have the owner's consent to install and connect the system to Western Power's network.
6. I may be subject to and agree to pay the network charges set out below (see condition 3 of the Terms and Conditions).
7. Synergy may transfer to Western Power any or all its rights and obligations arising out of, or in connection with, this application without my consent.
8. Synergy is permitted to disclose information to the state and federal governments and regulatory authorities, including the Australian Energy Market Operator, for the purposes of or relating to this application.
9. I consent to Synergy obtaining any information relating to the system from third parties, including Western Power and the supplier (if nominated above), that Synergy reasonably considers is relevant to this application.

Authorised person name \_\_\_\_\_

Authorised person signature (*account holder*) \_\_\_\_\_ Date \_\_\_\_\_

For more information:

Telephone for Residential customers: **13 13 53**

Telephone for Business customers: **13 13 54**

Website: **synergy.net.au/distributedenergysystems**

## Terms and conditions

### 1. Meter upgrade

Applicant will be required to have the necessary meter as determined by Western Power or requested by Synergy and pay for the associated costs if a meter upgrade is required.

### 2. Ongoing eligibility requirements for a bi-directional service

- The supply point is on Western Power's low voltage (415 volts or less) distribution system; and
- The supply point is located at a residential premise or premises occupied by a voluntary/charitable organization with an inverter system operationally rated up to a total of 10 kVA for single phase connections or 30kVA for three phase connections; and
- A Western Power approved bi-directional meter is installed at the supply point prior to connecting the generation system; and
- At applicant's cost the facilities and equipment must comply with the Technical Rules<sup>1</sup>, the WA Electrical Requirements<sup>2</sup>, AS 3000<sup>3</sup>, and all relevant laws; and
- Applicant's inverter system must comply with the requirements of AS/NZS4777<sup>4</sup>, Western Power's Basic Embedded Generator Connection Technical Requirements and the Technical Rules, and must satisfy a technical assessment if required by Western Power.

### 3. Network access charges

If a change in law occurs Synergy may charge the applicant and they must pay the applicable network charges for the applicable bi-directional service to the extent necessary to place Synergy in the position it would have been if it had not been for the change in law.

If a change in network access tariffs occurs, or anew network access tariff is imposed, Synergy may charge the applicant an amount to the extent necessary to reflect that proportion of the effect of the new network access tariffs or change in network access tariffs which Synergy estimates in good faith is fairly attributable to or payable by the applicant.

### 4. Liability for damage

The applicant is responsible for the system and its use. Without limiting applicant's obligations in any way, the applicant must at their cost install adequate protection devices, as approved by Western Power, to protect the system from faults (including without limitation, power surges) on the Western Power network. The applicant agrees that Synergy will not be liable for any loss, damage or injury that may be caused by the system or its use, or by their failure to install adequate protection devices.

Synergy will not be liable to the applicant for any consequential or indirect loss or for any business interruption loss, lost profits, loss of an opportunity or applicant's liability to third parties under a contract or otherwise arising from, or in connection with, a breach of any obligation imposed on the applicant under this Application, the negligence of Synergy or any other legal theory.

The applicant is liable for, and must indemnify Synergy against any loss or damage caused by, consequent upon or arising out of or in connection with any failure to perform obligations imposed on them under this Application or any intentional, reckless or negligent acts and omissions by the applicant or any person acting on their behalf.

## Collection of Information Notice

To assist us to provide you with services, we need to collect personal and credit information about you. We may disclose this information to other parties (who may be located overseas), including third party providers, and to external agencies as described in our privacy policy, and may also use your personal information for direct marketing purposes. However, we will not use your personal information we collect in this form for direct marketing of solar power systems or battery storage systems. Our privacy policy explains what information we collect and why we collect it, how we use that information, who we work with, and the countries (currently the USA, Japan, Philippines and New Zealand) where those recipients may be located. This policy also explains your rights to access and correct any information we store about you, how to make a privacy complaint and how to opt out of receiving direct marketing. Our privacy policy is available at [synergy.net.au/privacy](https://synergy.net.au/privacy) or call us on **13 13 54**.

We may also disclose your credit information to credit reporting bodies (CRBs) such as information about overdue payments. Our privacy policy also includes important information about credit reporting such as the details about the CRBs to whom we may disclose your credit information, the information that CRBs hold, and how you can request CRBs not to use or disclose your information for pre-screening or when you consider yourself to be a victim of fraud. You can request a copy of a statement setting out the important credit reporting information by contacting us.

<sup>1</sup> Western Power's Technical Rules most recently approved by the Economic Regulation Authority as maybe amended from time to time.

<sup>2</sup> Published by the Department of Mines, Industry Regulation and Safety, as may be amended from time to time.

<sup>3</sup> Published by Standards Australia, as may be amended from time to time.

<sup>4</sup> Published by Standards Australia, as may be amended from time to time.