Peerless
Service Group

Peak Demand Reduction Scheme

PDRS BESS2 guide
- Virtual Power Plant (VPP) Incentive

OVERVIEW

The NSW Government Peak Demand Reduction Scheme (PDRS) provides financial incentives to homeowners and businesses that connect their solar battery to a Virtual Power Plant (VPP). The aim of the scheme is to reduce electricity demand during peak times and help stabilise the electricity grid.

When a battery joins a VPP, it can export stored electricity to the grid when demand is high. In return, the system owner may receive rebates or payments based on the battery size and participation. The incentive is created through Peak Reduction Certificates (PRCs) generated under the PDRS scheme.

What is a Virtual Power Plant (VPP)?

A Virtual Power Plant is a network of distributed batteries connected and controlled through software.
When connected to a VPP:

- Your battery can export electricity during peak demand periods
- The grid operator can balance supply and demand
- You may receive financial incentives for participating

Essentially, many home batteries operate together like a single large power station.

ELIGIBILITY CHECKLIST

LOCATION REQUIREMENTS

The property must:

- Be located in New South Wales
- Be connected to the electricity grid
- Not be an off-grid system
- BCA building class must be 1-4 (Residential and small business)

CUSTOMER REQUIREMENTS

The applicant must:

- Own or operate the property in NSW
- Be the electricity account holder for the site
- Agree to join an approved Virtual Power Plant provider
- Sign a demand response participation agreement

SOLAR SYSTEM REQUIREMENT

The property must have:

- A solar PV system installed

ELIGIBILITY CHECKLIST

VPP PARTICIPATION REQUIREMENT

The applicant must:

- The battery must be actively connected to a Virtual Power Plant provider
- The system must be able to export power when required by the VPP provider

BATTERY REQUIREMENTS

The battery must:

- Be installed at the property
- Have usable capacity between 2 kWh and 28 kWh
- Be connected to the internet and capable of remote control
- Be installed according to Australian standards
- Be actively connected to a Virtual Power Plant provider & capable of remote control operations through internet
- Must be in CEC(Clean Energy Council) List
- Must have 6 years of warranty remaining
- Warranty must define normal use condition during the operation of battery not being less than
  - Minimum ambient temp must be between -10 c to 50 c.
  - Minimum warranted cumulative energy throughput equivalent to 2.8 MWh/kWh of usable battery capacity

DOCUMENTS CHECKLIST

1. CUSTOMER IDENTIFICATION & SITE VERIFICATION

1.1 ELECTRICITY BILL(RECENT < 6MONTHS)

Must show

- Account holder name
- NMI (National Meter Identifier)
- Service address
- Retailer name

Important rule

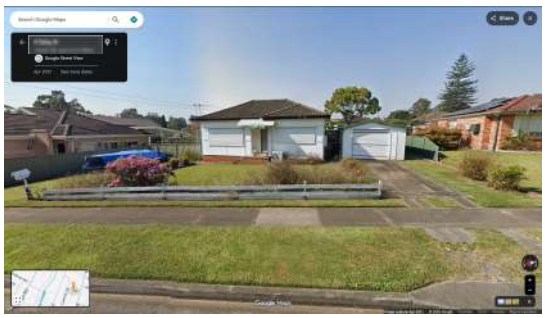
The account holder must be the same person signing the nomination and VPP contract.

Example:

1.2 SITE STREET VIEW IMAGE

Commercial property

Residential / Small business



2. CUSTOMER AGREEMENTS

2.1 DEMAND RESPONSE CONTRACT (OFFER LETTER)

Customer must sign a minimum **12-month retail agreement** with the Demand Response Aggregator (DRA-GEE Energy).

The contract should include:
- permission for remote battery control
- participation in demand response events
- VPP terms and conditions
- customer rights and complaints process

Example:

2.2 CAPACITY HOLDER NOMINATION FORM

Customer must nominate the Accredited Certificate Provider (ACP) that will create PRCs.
The nomination must include:
- Customer name
- NMI
- Site address
- Nominated ACP
- Date signed
- Signature of electricity account holder

Important:
Nomination must be signed before the implementation date.

Example:

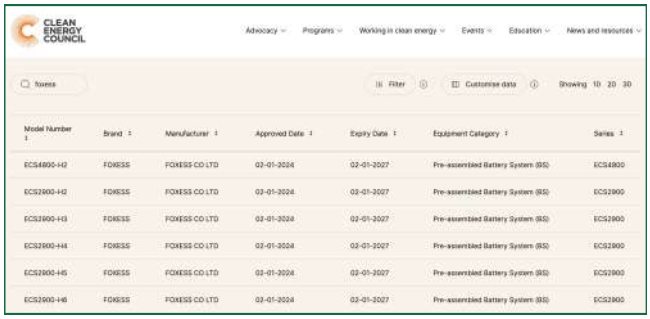
3. BATTERY SYSTEM INFORMATION

3.1 SCREENSHOT OF CEC LISTING

Open https://cleanenergycouncil.org.au/industry-programs/products-program/batteries

and search by battery brand and model and take a screenshot like example provided.

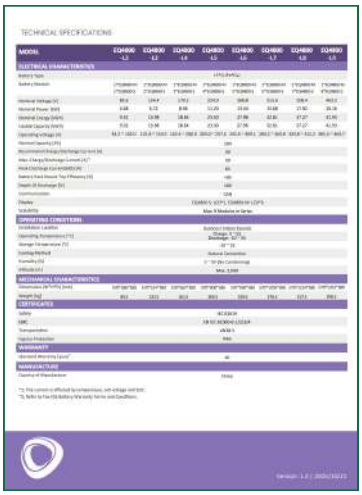
Example:



3.2 MANUFACTURER SPECIFICATION SHEET

Battery manufacturer document showing the model details, technical specifications, and usable battery capacity (kWh).

Example:



DOCUMENTS CHECKLIST

4.1 GEO-TAGGED PHOTOGRAPHS

Typical required photos:

- battery unit
- inverter
- switchboard
- solar system overview
- battery label / serial number

Photos must show:

- date
- location metadata (geo-tag)

4.2 ELECTRICAL COMPLIANCE CERTIFICATE

Licensed electrician certificate confirming the battery installation complies with Australian electrical safety standards.

4.3 INSTALLATION INVOICE/QUOTE

Invoice or quotation from the installer confirming battery system supply and installation at the property address.

5. VPP / DRA ONBOARDING EVIDENCE

5.1 VPP ONBOARDING CONFIRMATION (OFFER LETTER) (IMPLEMENTATION DATE) (BATTERY ASSET ID)

Evidence that the battery joined a Demand Response Aggregator platform.
Required:

- VPP onboarding confirmation
- battery asset ID in aggregator platform
- onboarding date

This date becomes the Implementation Date.

Example:

5.2 DISPATCH CAPABILITY PROOF (VPP CERTIFICATE)

Evidence that the battery can respond to remote commands.
Examples:

- dispatch test log
- charge command response
- discharge command response
- API confirmation
- system screenshot

This proves the battery is capable of demand response participation.

Example:

6. CUSTOMER COMMUNICATION EVIDENCE

6.1 PDRS FACT SHEET PROVIDED TO CUSTOMER (EMAIL DELIVERY RECORD)

Proof that the NSW PDRS information sheet was sent to the customer explaining the rebate and scheme conditions.

Example:

Outlook

BESS2 PDRS Fact Sheet – Information for Your Review

Dear Customer,

We are writing to provide you with the **Peak Demand Reduction Scheme (PDRS) Fact Sheet** for your reference.

This document contains important information about the PDRS program, including its purpose, eligibility criteria, benefits, and how it applies to your installation. We encourage you to review the fact sheet carefully to better understand the scheme and its requirements.

Please find the PDRS Fact Sheet attached to this email for your records.

If you have any questions or require further clarification, feel free to contact us at any time. We are happy to assist you.

Kind regards,