Application for PDRS Accreditation – Part B

Method details – Household Annual Demand Response

Version 1.1, September 2024

Purpose of this form

This form is used to apply for accreditation as an Accredited Certificate Provider or ‘ACP’ for **Activity Definition BESS2** (Sign a Behind the Meter Battery Energy Storage System Up to a Demand Response Contract) under the **Household Annual Demand Response (HADR)** method under the Peak Demand Reduction Scheme (**PDRS**). You must also complete [Application Form Part A](https://www.energysustainabilityschemes.nsw.gov.au/pdrs/preparing-your-pdrs-application).

Refer to the [PDRS Method Guide](https://www.energysustainabilityschemes.nsw.gov.au/Home/Document-Search/Guides/RDUE-Peak-Demand-Savings-Capacity-Method-Guide) to assist you in completing this form. Essential information about the requirements of applicants and ACPs is set out in the:

* [Application for Accreditation Guide](https://www.energysustainabilityschemes.nsw.gov.au/Home/Document-Search/Guides/Application-for-Accreditation-Guide-ACPs), and
* [How to comply as an ACP](https://www.energysustainabilityschemes.nsw.gov.au/pdrs/how-comply-acp) page.

Your application information must be consistent with and meet the requirements set out in these documents.

Information on the [application for accreditation process](https://www.energysustainabilityschemes.nsw.gov.au/pdrs/pdrs-application-process) and the [amendment to accreditation process](https://www.energysustainabilityschemes.nsw.gov.au/pdrs/changing-your-pdrs-accreditation) is on our website.

Meaning of key terms and icons in this form

Words used in this form and defined in the PDRS Rule have the same meaning as in the PDRS Rule, unless the context requires otherwise.

Key terms

**ACP** means **accredited certificate provider**. If your application for accreditation is approved, you will be an ACP.

**Activity Definition** means an activity as specified in a Schedule to the PDRS Rule. Activity Definitions for HADR are set out in Schedule D of the PDRS Rule.

**EUE** or **end-user equipment** means electricity consuming equipment, processes, or systems, including the equipment directly consuming electricity, and other equipment that causes, controls or influences the consumption of electricity.

**Implementation** means the delivery of an RPA at a Site.

**PRC** means **peak reduction certificate**. If this application is approved, you may be able to create PRCs from the activities conducted under the RPA.

**PDRS Rule** means the [***Peak Demand Reduction Scheme Rule of 2022***](https://www.energysustainabilityschemes.nsw.gov.au/pdrs/pdrs-rule). The PDRS Rule sets out the specific requirements of each calculation method under the PDRS. Requirements specific to HADR are set out in clause 9.1 of the PDRS Rule.

**RPA** or ‘activity’ means **recognised peak activity**. The activity you plan to implement must meet all the criteria set out in clause 5 of the PDRS Rule. If your application is approved, you will be accredited for a specific RPA.

**Site** means the location of the EUE included in your activity, as defined by:

* an Address,
* a unique identifier, as specified for the relevant Implementation that identifies the affected EUE.

**TESSA** means **The Energy Security Safeguard Application**, our online system.

**You** means the applicant.

**We/us** means IPART.

Icons

|  |  |
| --- | --- |
|  | Important information to assist you with completing the application. |
|  | Indicates an instruction for completing this form. |
| 0. | Indicates a document or supporting evidence to be provided with the application. |

Method eligibility

#### Demand Response Aggregator

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| --- | --- |
|  | A contract must be signed between an account holder of the electricity account and the Demand Response Aggregator providing demand response capacity. |

Are you a Demand Response Aggregator applying to be accredited?

|  |  |
| --- | --- |
|  | Check the appropriate box and respond accordingly. |

|  |  |  |
| --- | --- | --- |
| Yes |  | à Go to Question 2 |
| No |  | â Provide the information below |

|  |  |
| --- | --- |
| Indicate who the Demand Response Aggregator for your RPA is: | Click here to enter text |

#### Market Participant / Network Service Provider

|  |  |
| --- | --- |
|  | A Demand Response Aggregator is either a Market Participant or Network Service Provider, or a person who has engaged in a contract with either of them to aggregate demand response capacity on their behalf. |

Are you a Market Participant or Network Service Provider?

|  |  |
| --- | --- |
|  | Check the appropriate box and respond accordingly. |

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| --- | --- | --- |
| Yes |  | à Go to Question 3 |
| No |  | â Provide the information below |

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| --- | --- |
| Indicate who the Market Participant or Network Service Provider for your RPA is: | Click here to enter text |
| Describe how you will ensure there is a contract between the Demand Response Aggregator and a Market Participant or Network Service Provider | Click here to enter text |

#### Contract

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|  | The battery must be signed up to a demand response contract. |

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| Describe how you will ensure there is a contract signed between the account holder of the NMI where the battery is installed and the Demand Response Aggregator: | Click here to enter text |
| Describe how you will ensure the contract includes a service to provide demand response capacity for at least 3 years: | Click here to enter text |

#### Risk management

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|  | You must have a documented risk management policy and risk register and an internal audit procedure (see section 3.3.5 of the [PDRS Method Guide](https://www.energysustainabilityschemes.nsw.gov.au/Home/Document-Search/Guides/RDUE-Peak-Demand-Savings-Capacity-Method-Guide)). |

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| Describe your risk management policy: | Click here to enter text |
| Describe your internal audit procedure to ensure your risk management procedures are continuously reviewed, updated and improved: | Click here to enter text |

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| 0. | Attach your risk management policy, fully documented risk assessment (risk register) and internal audit procedure. |

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| --- | --- |
| File name – risk management policy: | Click here to enter text |
| File name – documented risk register: | Click here to enter text |
| File name – internal audit procedure: | Click here to enter text |

#### Ineligible activities

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|  | [Activities that are not eligible](https://www.energysustainabilityschemes.nsw.gov.au/pdrs/activities) are set out in clause 5.4 of the [PDRS Rule](https://www.energysustainabilityschemes.nsw.gov.au/pdrs/pdrs-rule). If your proposed activity includes any of these you need to explain how they will be excluded from your peak demand reduction capacity and PRC calculations. |

Are any ineligible activities included in your proposed activity?

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| --- | --- |
|  | Check the appropriate box and respond accordingly. |

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| No |  | à Go to Question 6 |
| Yes |  | â Provide the information below |

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| Describe how any ineligible activities will be excluded from peak demand reduction capacity and PRC calculations: | Click here to enter text |

End-user equipment

#### Equipment requirements

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|  | Each item of EUE must meet the equipment requirements specified in Activity Definition BESS2 (see Schedule D of the [PDRS Rule](https://www.energysustainabilityschemes.nsw.gov.au/pdrs/pdrs-rule)) and the appendices of the [PDRS Method Guide](https://www.energysustainabilityschemes.nsw.gov.au/Home/Document-Search/Guides/RDUE-Peak-Demand-Savings-Capacity-Method-Guide). |

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| Describe how you will ensure the existing battery is listed on an approved product list: | Click here to enter text |
| Describe how you will ensure the existing battery meets usable capacity requirements: | Click here to enter text |
| Describe how you will ensure the existing battery meets minimum remaining warranty requirements: | Click here to enter text |
| Describe how you will ensure the normal use conditions are defined in the battery’s warranty to include the required:   * minimum ambient temperature range * minimum warranted throughput: | Click here to enter text |
| Describe how you will ensure participation in a Demand Response program does not void or diminish the battery warranty below the required guarantee: | Click here to enter text |

Implementing the proposed activities

#### Eligibility requirements

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|  | The site must be a residential building. Each item of the EUE must meet the eligibility requirements specified in Activity Definition BESS2 in Schedule D of the PDRS Rule. |

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| Describe how you will confirm the site is a Residential Building: | Click here to enter text |
| Describe how you will confirm there is an existing battery installed at the same NMI: | Click here to enter text |
| Describe how you will confirm there is an existing solar photovoltaic system installed at the same NMI: | Click here to enter text |
| Describe how you will confirm there is no Life Support Equipment at the site: | Click here to enter text |

#### Implementation requirements

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|  | Each item of EUE must meet the implementation requirements specified in Activity Definition BESS2 in Schedule D of the PDRS Rule. |

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| Describe how you will demonstrate the internet connection and Demand Response Aggregator control of the battery are operational: | Click here to enter text |

#### Customer requirements

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|  | The activity must not reduce safety levels or result in a permanent reduction of production or service levels (see clause 5.4(a) of the [PDRS Rule](https://www.energysustainabilityschemes.nsw.gov.au/pdrs/pdrs-rule)). This means the implementation and the service offered in the demand response contract must meet customer requirements, including maintaining customer service levels. |

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| Describe how you will consider customer requirements when scoping the implementation: | Click here to enter text |
| Describe how you will ensure the customer understands and is satisfied with the service offered in the contract and it meets their requirements: | Click here to enter text |

Calculating peak demand reduction capacity

#### Calculating peak demand reduction capacity

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|  | Deemed activity peak demand reduction capacity factors are inputs into the calculation of PRCs. They are calculated according to Activity Definition BESS2 in Schedule D of the [PDRS Rule](https://www.energysustainabilityschemes.nsw.gov.au/pdrs/pdrs-rule). Deemed activity peak demand reduction capacity factors are updated from time to time.  The peak demand reduction capacity calculations are set out in Activity Definition BESS2. |

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| Describe how you will determine the inputs to the deemed activity equations: | Click here to enter text |
| Describe how you will calculate peak demand reduction capacity from each implementation (i.e. provide details about spreadsheets or calculation tools you will use): | Click here to enter text |

#### Calculation tool

|  |  |
| --- | --- |
|  | PDRS Rule factors are updated from time to time. Your calculation tool must be capable of updating factors.  ACPs can use proprietary software to calculate peak demand reduction capacity and PRCs. ACPs are still responsible to ensure that calculations are in accordance with the PDRS Rule. |

Which calculation tool will you be using?

|  |  |
| --- | --- |
|  | Check the appropriate box and respond accordingly. |

|  |  |  |
| --- | --- | --- |
| Own calculation tool |  | 🡫 Complete Questions 11a and 12 |
| Proprietary software |  | 🡫 Complete Questions 11b and 12 |

**11a. Own calculation tool**

|  |  |
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| Describe the calculation tool you will use and how it will meet PDRS requirements: | Click here to enter text |
| Describe how you will ensure your calculation tool uses the correct factors: | Click here to enter text |

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| 0. | Attach the calculation spreadsheet(s) / tool(s) you will use to calculate peak demand reduction capacity and PRCs. The spreadsheet / tool must show the steps and formula used to calculate peak demand reduction capacity and PRCs. |

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| File name – calculation spreadsheet / tool: | Click here to enter text |

**11b. Proprietary software**

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| Indicate which proprietary software, tool or application you will use: | Click here to enter text |
| Describe how you will ensure the calculation tool uses the correct factors: | Click here to enter text |

#### Accuracy of peak demand reduction capacity and PRC calculations

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| --- | --- |
|  | You must have appropriate procedures for checking calculations of peak demand reduction capacity and PRCs. If during an audit of your RPA the auditor identifies errors in calculations from which PRCs have been registered, you may be requested, or required, to forfeit any improperly created PRCs. |

|  |  |
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| Describe how your procedures will ensure the accuracy of peak demand reduction capacity and PRC calculations: | Click here to enter text |

Application checklist

You can use this checklist to ensure you have attached all your documents.

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| Risk management policy (question 4) |  |
| Risk register (question 4) |  |
| Internal audit procedure (question 4) |  |
| Calculation spreadsheet(s) / tool(s) (question 11) |  |