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| Integrated Resource Provider Transition Application for existing Generators and/or Customers in the NEM |
| Please complete this Application Form using the appropriate guidance information and any other documents and information sources mentioned in this document |

The information in this Application Form is not to be altered without the prior written consent of Australian Energy Market Operator Ltd (AEMO).

# Applicant details

Complete the below section to identify the registered participant that is transitioning to be an *Integrated Resource Provider* (IRP). Details must match the existing registration details of the transitioning station.

|  |  |  |  |
| --- | --- | --- | --- |
| Entity Name: |  | | |
| ABN: |  | ACN: |  |
| Existing Participant ID for the transitioning station: | | | |
| Proposed IRP registration transfer date[[1]](#footnote-2): | | | |

# Participant Type

|  |
| --- |
| New Integrated Resource System (IRS) Participant  Generator and/or Customer, who was registered after 9 December 2021, is taken to be an IRP on and from 3 June 2024 and has classified *bidirectional units* (BDU), providing data to facilitate system change to a single BDU DUID; or  Applicant who submitted its Generator and/or Customer application in respect of its IRS after 9 December 2021 and not yet registered, providing data to setup a single BDU DUID. |
| Existing IRS Participant - Existing Generator and/or Customer, who was registered before 9 December 2021, applying to be an IRP and classify BDU. |
| Existing Generator in respect of an IRS and is not a *transitioning generating system* as referenced in NER 11.145.2(f), applying to be an IRP and classifying BDU or generating unit. Section D details below not required. |
| Existing Generator in respect of an IRS but not transitioning to a single BDU DUID, applying to be an IRP and classifying BDU under NER 2.2.2(b2) e.g. a pumped hydro system[[2]](#footnote-3). Section D details below not required. |

# System details

This application form is for a single station. The tables in the section below are formatted for a single *integrated resource system* with a single BDU. The fields cater for one generation dispatchable unit (DUID) and one load DUID with a single *generating unit* set within each DUID. Where a hybrid system is transitioning, only the information for the BDU is required.

I the Applicant understand the definitions of *integrated resource system* and *bidirectional unit* in the IESS Rule? Yes No

If yes, please identify any BDUs in the table below, which AEMO will use to identify the *integrated resource system* as is currently registered with AEMO.

|  |  |
| --- | --- |
| Existing Station ID |  |
| Existing load DUID |  |
| Existing generator DUID |  |

The Applicant should verify that the above information matches that already registered with AEMO.

Is the BDU capable of transitioning linearly from consuming to producing electricity and vice versa?

Yes - The Applicant must complete Section D to enable AEMO to establish the new BDU DUID in market systems.

No - In general terms, these units are BDUs for registration and classification purposes, and otherwise, are *generating units* and *scheduled loads* as provided for under NER 2.2.2(b2). The Applicant should submit this Form, without completing any further sections.

# Information for bidirectional units

## BDU dispatchable unit information

|  |  |  |
| --- | --- | --- |
| New BDU DUID (Max 8 characters): |  | The new BDU DUID that is going to be setup in AEMO’s system in respect of the transitioning station. This must align with the new BDU DUID provided in any supporting document. |
| Classification: | Scheduled  Non-Scheduled | Scheduled or Non-Scheduled. |
| Maximum Storage Capacity (MWh): |  | The rated energy storage capacity of the BDU. |
| Apply Operational State of Charge Constraint (Yes/No): |  | Select ‘Yes’ where the Applicant intends to apply the registered Operational State of Charge values as default values to limit the BDU DUID dispatch in AEMO’s Predispatch and 7-day Predispatch, such that the state of charge remains within the Minimum Operational State of Charge and Maximum Operational State of Charge. If EnergyLimits are provided in bids, the bid values override the registered default values. |
| Minimum Operational State of Charge (MWh): |  | The minimum operational state of charge (MWh). |
| Maximum Operational State of Charge (MWh): |  | The maximum operational state of charge (MWh). |
| Storage Import Efficiency Factor (0…1): |  | The storage energy import conversion efficiency. This number must be greater than 0 and a maximum of 1, where 1 means lossless. Calculated as the increase in State of Charge per unit of energy imported from the grid (i.e. increase in SOC/imported energy). |
| Storage Export Efficiency Factor (0…1): |  | The storage energy export conversion efficiency. This number must be greater than 0 and a maximum of 1, where 1 means lossless. Calculated as the sent-out energy per unit of reduction in State of Charge (i.e. sent out energy/reduction in SOC). |

## BDU generating unit sets (GenSet) information

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| --- | --- | --- |
| New GenSet ID (Max 8 characters): |  | This should be the same as the new BDU DUID and must align with the new GenSet ID provided in any supporting document. |
| Classification: | Market  Non-Market | Market or Non-Market. |
| Maximum Storage Capacity of each physical unit in this *generating unit* (MWh): |  | If there are multiple groups within one GenSet ID, please include value for each group. |

## Other information

To establish the new BDU DUID and Genset ID, AEMO will use the existing DUIDs and Genset IDs information. Please review existing DUIDs and Genset IDs information in the supporting document provided initially by AEMO.

Please mark to confirm that you the Applicant:

have submitted a reviewed supporting document which includes existing DUIDs and Genset IDs information along with this Form.

confirm that all information in the supporting document is correct and aligns with existing registration information for the existing DUIDs and Genset IDs.

understand that AEMO will retain and use the existing participant, organisational, station, connection point, and metering information for the purposes of the relevant *integrated resource system* and associated DUIDs, noting that AEMO may need to change the relevant information to establish the new BDU DUID.[[3]](#footnote-4)

# Contact information

Registration Contact:       Email:       Mobile:

# Declaration

The Applicant declares that the Applicant will remain compliant with its obligations under the IESS Rule, the NER and any related jurisdictional requirements, including any relevant authorisations and licences.

Has the Applicant provided a completed and signed Applicant Capability Declaration during your last registration?

Yes

No - the Applicant must submit to AEMO a completed and signed [Applicant Capability Declaration](https://aemo.com.au/-/media/Files/Electricity/NEM/Participant_Information/Application-forms-and-supporting-documentation/Capability-Declaration-Generator-Application.docx), in which the Applicant declares its capability to comply with the NER, including the IESS Rule, as an IRP.

I, <Full name>, <Position>, declare that I am authorised by the Applicant to submit this Application on the Applicant's behalf and certify that the contents of this Application and any further submissions are true and correct.

|  |  |  |  |
| --- | --- | --- | --- |
| Signature: |  | Date: |  |

Rules terms

Terms defined in the National Electricity Rules (*Rules* or NER) have the same meanings in this Application Form unless otherwise specified. Those terms are intended to be identified in this form by italicising them, but failure to italicise such a term does not affect its meaning.

Application form submission

To submit an application to AEMO, please complete this Application Form, print and sign the form using a written signature[[4]](#footnote-5), email a scanned copy including the supporting document to the AEMO Registration Team via email to [onboarding@aemo.com.au](mailto:onboarding@aemo.com.au).

1. Date on which the participant intends its IRP registration to be effective. You must specify a date that is:

   * between 3 June 2024 and 3 December 2024, and
   * in the case of an Existing IRS Participant in respect of a battery storage energy system, at least 15 calendar days before its BDU transition from two DUIDs to one DUID.

   [↑](#footnote-ref-2)
2. Clause 2.2.2(b2) provides for the classification of a BDU that is not capable of transitioning linearly from consuming to producing electricity and vice versa. [↑](#footnote-ref-3)
3. Refer to [AEMO | Integrating Energy Storage Systems project](https://www.aemo.com.au/initiatives/major-programs/integrating-energy-storage-systems-project) for further information regarding changes to relevant identifiers. [↑](#footnote-ref-4)
4. Digital signatures are not accepted. [↑](#footnote-ref-5)