This form must be filled out by a Rule Participant intending to create a new Registration Candidate Facility in the Wholesale Electricity Market System (WEMS) for the purpose of:

1. entering the Reserve Capacity Mechanism; and/or
2. to be eligible to be registered in the Wholesale Electricity Market (WEM).

Definitions and terms in this form

Terms defined in the Electricity Industry Act 2004 (WA), the WEM Regulations and the WEM Rules have the same meanings in this application form unless otherwise specified.

###### Rule Participant Details

|  |  |
| --- | --- |
| WEM Rule Participant Short Name: | Click or tap here to enter text. |

###### Candidate Facility Short Name

The Facility Short Name acts as an identifier in the WEMS. The Facility short name can be up to **32** **characters long**, with no special characters, with the exception of underscores (“\_”) which are permitted.

The Facility Short Name should reference the closest, town, city or suburb to the Facility and reference the technologies in the Facility. Refer to the attached **Appendix 1 & 2 of this form** for guidance on nominating a Facility Short Name.

**Please note, if you have submitted an Expression of Interest (EOI) whilst applying for Certified Reserve Capacity (CRC), the same proposed Facility Short Name in this form and the EOI must be used.**

**This may result in the Facility Short Name in an EOI submission being amended as this form takes precedence. The WA Registrations team will liaise with the WA Capacity Investment & Assessment team accordingly to effect the change for the purposes of the EOI submission.**

|  |  |
| --- | --- |
| Proposed Facility Short Name: | Click or tap here to enter text. |

###### Warning:

* The Facility Short Name is immutable and cannot be changed once approved in WEMS.
* Creating a “Non-Dispatchable Load” in WEMS should only be occur if it is associated with or contains an Intermittent Load.

###### Facility Class or Non-Dispatchable Load

Refer to Appendix 2 of this form for more details on the following Facility Classes.

|  |  |  |
| --- | --- | --- |
| Facility Class  | **Tick applicable Facility class:** | **Nameplate Capacity (MW), if applicable.** |
| Scheduled Facility |[ ]  **Composition of Facility in Nameplate Capacity (MW):****Click or tap here to enter text.** **MW of Intermittent Generating System**Click or tap here to enter text. **MW of Non-Intermittent Generating System**Click or tap here to enter text. **MW of Electric Storage Resource, and provide the associated capacity in MWh below too.**Click or tap here to enter text. **MWh of Electric Storage Resource****Other relevant information:**1. **Expected Declared Sent Out Capacity (DSOC) at the Connection Point in MW** (i.e. max sent out capacity that Network Operator will contractually allow for export at the Connection Point)**:**

Click or tap here to enter text.**MW**1. **Expected Contract Maximum Demand (CMD) at the Connection Point in MW** (i.e. max sent out capacity that Network Operator will contractually allow for export at the Connection Point)**:**

Click or tap here to enter text.**MW**1. **Expected inverter capacity in MW, if applicable, that may limit the generation capacity of the Facility to export to the network.:**

Click or tap here to enter text.**MW****Warning:** 1. Where the **proportion of the Facility that is** **intermittent is equal to or greater than 50%, AEMO will assign a Facility Class of Semi-Scheduled Facility**, unless:
* the applicant provides sufficient evidence that the Facility could respond to a Dispatch Target such that it could maintain its Injection or Withdrawal within its Tolerance Range for a Dispatch Interval.
 |
| Semi-Scheduled Facility |[ ]  **Composition of Facility in Nameplate Capacity (MW):****Click or tap here to enter text.** **MW of Intermittent Generating System****Click or tap here to enter text. MW of Non-Intermittent Generating System****Click or tap here to enter text. MW of Electric Storage Resource, and provide the associated capacity in MWh below too.**Click or tap here to enter text. **MWh of Electric Storage Resource****Other relevant information:**1. **Expected Declared Sent Out Capacity (DSOC) at the Connection Point in MW** (i.e. max sent out capacity that Network Operator will contractually allow for export at the Connection Point)**:**

Click or tap here to enter text.**MW**1. **Expected Contract Maximum Demand (CMD) at the Connection Point in MW** (i.e. max sent out capacity that Network Operator will contractually allow for export at the Connection Point)**:**

Click or tap here to enter text.**MW**1. **Expected inverter capacity in MW, if applicable, that may limit the generation capacity of the Facility to export to the network:**

Click or tap here to enter text.**MW** **Warning:**1. **A Semi-Scheduled Facility must be able to reduce the value of its Injection or increase the value of its Withdrawal to comply with a Dispatch Cap issued by AEMO.**
2. Where the **proportion of the Facility that is** **intermittent is less than 50%, AEMO will assign a Facility Class of Scheduled Facility**, unless:
* the applicant provides sufficient evidence that the Facility could not respond to a Dispatch Target such that it could maintain its Injection or Withdrawal within a Tolerance Range for a Dispatch Interval.
 |
| Non-Scheduled Facility |[ ]  **Composition of Facility in Nameplate Capacity (MW):** **Click or tap here to enter text.** **MW of Intermittent Generating System****Click or tap here to enter text. MW of Non-Intermittent Generating System****Click or tap here to enter text. MW of Electric Storage Resource, and provide the associated capacity in MWh below too.**Click or tap here to enter text. **MWh of Electric Storage Resource****Other relevant information:**1. **Expected Declared Sent Out Capacity (DSOC) at the Connection Point in MW** (i.e. max sent out capacity that Network Operator will contractually allow for export at the Connection Point)**:**

Click or tap here to enter text.**MW**1. **Expected Contract Maximum Demand (CMD) at the Connection Point in MW** (i.e. max sent out capacity that Network Operator will contractually allow for export at the Connection Point)**:**

Click or tap here to enter text.**MW**1. **Expected inverter capacity in MW, if applicable, that may limit the generation capacity of the Facility to export to the network:**

Click or tap here to enter text.**MW****Warning:**1. If the Facility has a **System Size[[1]](#footnote-2) of equal or more than 10 MW** **it cannot be registered in the Non-Scheduled Facility class**.
2. For a **Non-Intermittent Generating System** or **Intermittent Generating System** this is typically the value of all energy producing equipment’s maximum MW output, subject to any contractual constraints in the Arrangement for Access (Electricity Transfer Access Contract).
3. The **System Size** for an **Electric Storage Resource** is typically the sum of absolute value of sent out capacity **and** the Electric Storage Resource’s maximum MW consumption quantity combined, subject to any contractual constraints in the Arrangement for Access (Electricity Transfer Access Contract).
 |
| Non-Dispatchable Load |[ ]  **N/A** |
| Interruptible Load  |[ ]  **N/A** |
| Network |[ ]  **N/A** |
| Demand Side Programme |[ ]  **N/A** |

###### Transmission Connected Facility or Distribution Connected Facility

If you are applying to be in the registered as a Scheduled Facility, Semi-Scheduled Facility or Non-Scheduled Facility, confirm if you are connecting directly to:

[ ]  Network Operator’s (Western Power’s) Transmission Network

[ ]  Network Operator’s (Western Power’s) Distribution Network

1. **Is this Registration Candidate Facility applying in the Reserve Capacity Mechanism or will immediately commence trading in WEM or both?**

[ ]  Reserve Capacity Mechanism

[ ]  Immediately commence trading in WEM

###### Type of Facility, as defined under clause 2.29.1B of the WEM Rules, that is being registered.

|  |  |  |
| --- | --- | --- |
| Facility Type | **Tick the applicable Facility type**  | **Additional Information required** |
| One or more Measurement Points (revenue quality meter) that:Is intending to be registered as a Scheduled Facility, Semi-Scheduled Facility or Non-Scheduled Facility. | [ ]  | **How may Measurement Points (revenue quality meters) will be associated with the Facility?***Enter number of Measurement Points (revenue quality meters)***If more than one network connection point, then confirm if the network connection points are interconnected behind the Network Operator’s network.*****ENTER YES or NO***  |
| One or more Measurement Points (revenue quality meter) that:Will apply to be a Non-Dispatchable Load for the purposes of being associated with an Intermittent LoadWarning: If you applying to be registered as a Demand Side Programme or Interruptible Load this row does not apply.[clause 2.29.1B (c)] | [ ]  | **How may Measurement Points (revenue quality meters) will be associated with the Facility?***Enter number of Measurement Points (revenue quality meters)***If more than one network connection point, then confirm if the network connection points are interconnected behind the Network Operator’s network.*****ENTER YES or NO*** |
| Aggregated Facility[clause 2.29.1B (d)] |[ ]  The applicant must complete the Facility Aggregation Form (available [here](https://aemo.com.au/energy-systems/electricity/wholesale-electricity-market-wem/participate-in-the-market/registration/register-a-facility-in-the-wem)) and submit it together with this form to wa.rmp@aemo.com.au |
| Small Aggregation [clause 2.29.1B (e)] |[ ]  For a Facility to be a Small Aggregation it must meet the WEM Rule Glossary definition below:***Small Aggregation:*** *One or more Facilities connected to the distribution system and located at the same Electrical Location.*AEMO may contact you to get a broader understanding of the business model and operating model for the Small Aggregation Facility. |
| Demand Side Programme[clause 2.29.1B (f)] |[ ]  **N/A** |
| Interruptible Load[clause 2.29.1B (g)] |[ ]  **N/A** |
| Transmission system [clause 2.29.1B (a)] |[ ]  **N/A** |
| Distribution system [clause 2.29.1B (b)] |[ ]  **N/A** |

**7. Estimated date the Facility is expected to be operational (i.e. able to operate to Inject or Withdraw into the network)**

|  |  |
| --- | --- |
| Estimated date the Facility will be operational | Click or tap here to enter text. |

###### 8. Proposed location of Facility, if registering as a Scheduled Facility, Semi-Scheduled Facility or Non-Scheduled Facility

|  |  |
| --- | --- |
| Latitude and Longitude coordinates | Click or tap here to enter text. |

###### 9. Legal Entity Name and contact details for Arrangement of Access with Network Operator (i.e. Electricity Transfer Access Contract (ETAC) or Access Offer by Western Power)

Provide the legal entity name that has or will be entering into the Electricity Transfer Access Contract or Access Offer with Western Power for the Candidate Facility.

Please note, this information will be only used:

* to ensure AEMO’s energy settlement in the WEM will be to the correct legal entity name; and
* for the purpose of being used by AEMO and Western Power to confirm the ETAC application status or Access Offer details.

**Warning:**

**If the legal entity name on the ETAC with Western Power changes you must notify** **wa.rmp@aemo.com.au** **as soon as practicable. This is so AEMO may contact Western Power to ensure the Financially Response Market Participant (FRMP) is amended in the AEMO’s meter registry to ensure energy is settled to the appropriate legal entity.**

|  |  |
| --- | --- |
| Status of ETAC or Access Offer | *i.e. Have not applied / Applied and in-progress/ ETAC or Access Offer has been finalised* |
| Legal entity name on the ETAC or Access Offer with Western Power | Click or tap here to enter text. |
| Name of the person from your organisation that has liaised with Western Power  | Click or tap here to enter text. |
| Phone number of the person in your organisation that has liaised with Western Power | Click or tap here to enter text. |

I have emailed an executed copy of the ETAC or Access Offer to wa.rmp@aemo.com.au, or reason if not attached:

[ ]  Yes

[ ]  No, please provide reason for not providing below

|  |
| --- |
|  |

**Declaration**

To be signed by the Authorised Person or the Main Contact for your organisation, as reflected in WEMS.

|  |  |
| --- | --- |
| On behalf of (legal entity name as specified in ABN register or ASIC register): | Click or tap here to enter text. |

I declare that the above information constituting this application is accurate.

|  |  |  |  |
| --- | --- | --- | --- |
| Signed: |  | **Date:** | Click or tap to enter a date. |
| Name: | Click or tap here to enter text. | **Position held:** | Click or tap here to enter text. |
| Phone: | Click or tap here to enter text. | **Mobile:** | Click or tap here to enter text. |
| Email: | Click or tap here to enter text. |

**AEMO Contact Information**

**Assistance**

If you need any help to complete this form, please contact **WA Registrations, Monitoring & Procurement (RMP) team** by email to wa.rmp@aemo.com.au

**Submission**

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

This application form and any supporting documents are to be submitted to the AEMO by sending an email with completed fields and signatures to wa.rmp@aemo.com.au

The application form can be signed either manually or electronically.

###### Appendix 1

This appendix outlines the naming conventions for Facilities intending to be registered in WEMS. It is recommended that the Facility Short Name be a combination of the Facility’s location and technology description. Exceptions to this are where the Facility can be aggregated and disaggregated and have equipment at multiple locations, such as Facilities which are Demand Side Programmes and Interruptible Loads.

Please take care when nominating a Facility Short Name as it cannot be changed once it is approved in WEMS.

A.1. Facility Short Name Convention

The Facility Short Name should follow the below guidelines:

* Limited to a **maximum of 32 characters, exclude special characters, with the exception of** **underscores (“\_”)**.
* The initial set of characters should represent the closest town, city or suburb that the Facility will be located in. AEMO may at its own discretion require the applicant to use another town, city or suburb as an alternative name.
* The second set of characters should represent the technology that the Facility comprises of. **Please** **see section A.2. section of this Appendix of this form.** However, if the Facility is a hybrid configuration, then a combination of the technology codes should be used, with the highest nameplate technology code used first. Please see below **section A.2. Technology Types Codes** **of this form.**
* Should avoid containing a reference to the Participant (owner) of the power station. This is because if the Participant’s legal name changes or if the Facility is transferred to another owner, AEMO cannot amend this Facility Short Name. **Exceptions to include a Participant’s name is if you are applying in the Demand Side Programme (DSP) or Interruptible Load (IPT) class.**
* The final character must be a unique number which identifies the Facility in the case that there are multiple Facilities with same or similar composition of technologies in the same town, city or suburb (geographical location). For any additional Facilities in the same town, city or suburb (geographical location), the number should increase sequentially and you can contact wa.rmp@aemo.com.au for assistance with the final character or any other aspect of the Facility Short Name.

Example of Facility Short Names in the WEM.

|  |  |  |
| --- | --- | --- |
| **Participant** | **Facility Short Name** | **Facility Short Name** |
| Alinta Sales Pty Ltd | Badgingarra Wind Farm | BADGINGARRA\_WF1 |
| Bluewaters Power 1 Pty Ltd | Bluewaters Power Demand Side Programme | GRIFFINP\_DSP\_1 |
| Simcoa Operations | Simcoa Interruptible Load | SIMCOA\_IPT\_LD\_1 |
| SRV GRSF Pty Ltd as Trustee for GRSF Trust | Greenough River Solar Farm | GREENOUGH\_RIVER\_PV1 |
| Synergy | Kwinana Gas Turbine 1 | KWINANA\_GT1 |
| Synergy | Kwinana Gas Turbine 2 | KWINANA\_GT2 |
| Synergy  | Kwinana Battery Energy Storage System 1 | KWINANA\_ESR1 |

A.2. Technology Types Codes

The following values should be used to denote the types of technology that is in a Facility.

If the below technology type codes are not suitable for your Facility configuration please contact AEMO at wa.rmp@aemo.com.au to discuss an alternative technology code which may be used.

|  |  |
| --- | --- |
| Technology Code Value | Technology Description |
| CCG | Combined Cycle  |
| COG | Co-generation  |
| DSP | Demand Side Program |
| G | Thermal Generator/Mixed Fuel |
| GT | Gas Turbine  |
| HG | Hydro Generator |
| IPT\_LD | Interruptible Load (for the provision of Contingency Raise Reserve Service) |
| IML | Non-Dispatchable Load that is or contains an Intermittent Load.  |
| NTWK | Network |
| PV | Solar Photovoltaic Facility |
| ESR | Electric Storage Resource, a system or resource capable of receiving and storing energy for later production of electric energy. |
| WF | Wind Farm |
| If it is a hybrid configuration then a combination of the technology codes, separated by an underscore should be used.1. The technology with highest capacity technology code should first.

Below are example values to use for hybrid configurations:PV\_ESR (solar & battery)WF\_ESR (wind & battery)WF\_PV (wind & solar)* WF\_PV\_ESR (wind, solar & battery)
* GT\_ESR (gas turbine & battery)
 | When the Facility comprises of multiple technologies. E.g. solar, wind, battery, gas turbine, etc. |

###### Appendix 2 - References for Facility Classes or Non-Dispatchable Load

|  |  |  |
| --- | --- | --- |
| Facility Class | Definition | Facility Class Rule Reference |
| Scheduled Facility | A Facility that can respond to a Dispatch Target from AEMO such that it can maintain its Injection or Withdrawal within its Tolerance Range for a Dispatch Interval and is registered as such in accordance with clauses 2.29.4G and 2.29.4I. [WEM Rule Glossary] | 2.29.1A(b) |
| Semi-Scheduled Facility | A Facility that can reduce the value of its Injection or increase the value of its Withdrawal to comply with a Dispatch Cap issued by AEMO and is registered as such in accordance with clauses 2.29.4G and 2.29.4I.[WEM Rule Glossary] | 2.29.1A(c) |
| Non-Scheduled Facility | A Facility that can be self-scheduled by its operator (with the exception that AEMO can direct it to decrease its output subject to its physical capabilities), and which is registered as such in accordance with clause 2.29.4G.[WEM Rule Glossary] | 2.29.1A(d) |
| Interruptible Load | A Facility relating to one or more Non-Dispatchable Loads, where consumption can be curtailed automatically in response to a change in system frequency, and registered as such in accordance with clause 2.29.5.[WEM Rule Glossary] | 2.29.1A(e) |
| Non-Dispatchable Load | A Facility of the type defined in clause 2.29.1B(c) which is not registered in a Facility Class but can be registered connection point for the purposes for effecting settlement under clause 2.30B.1.[WEM Rule Glossary] | Not applicable. A Non-Dispatchable Load is not a Facility Class. |
| Demand Side Program | Means a Facility registered in accordance with clause 2.29.5A. [WEM Rule Glossary] | 2.29.1A(f) |
| Network | A transmission system or distribution system registered as a Network under clause 2.29.3.[WEM Rule Glossary] | 2.29.1A(a) |

**Warning:**

Under clause 2.29.2 of the WEM Rules, no Facility registered in one Facility Class can simultaneously be registered in another Facility Class.

1. Refer to **System Size** definition in the WEM Rule Glossary (link to the latest WEM Rules is [here](https://www.wa.gov.au/government/document-collections/wholesale-electricity-market-rules)). [↑](#footnote-ref-2)