**Connection Point Checklist**

The *connection point* checklist is to be completed to satisfy the minimum requirements for the registration of *metering connection points* as required under Chapters 5 and 7 of the NER.

The *connection point* checklist is to be completed for all new, altered or abolished (extinct) NMIs classified as:

* NREG = Non-Registered Embedded Generator for a *regulated SAPS*, or
* End User *connection point* connected to a *regulated SAPS*

All fields must be supplied for AEMO to be able to conduct a full technical assessment (except as indicated below). Clarification of the information required on the *connection point* checklist is provided in the instruction section below:

Completed SAPS Connection Point Checklists are to be sent to NEM.LNSP&RP@aemo.com.au

**SAPS Connection Point Checklist Instructions**

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| 1. GENERAL AND TECHNICAL DETAIL
 |
| Market Registration Name | Name of *connection point* being registered |
| Site Introduction | Provide an introduction to the site and why it is being registered, deregistered or altered |
| Application contact Details | Details of the Applicant  |
| Market SAPS Resource Provider (MSRP) | The *financially responsible market participant* to be registered at the *generation unit* connection point on a *regulated SAPS* and details of the contact person for the MSRP |
| Distribution Network Service Provider | The *network service provider* responsible for the *stand-alone power system* where energy and details of the contact person for the DNSP |
| 1.1 Connection Point |
| Connection Point Registration Type | Is the registration for a new *connection point*, changes to an existing *connection point* or deregistration of a *connection point*? For New or Existing – complete all fields For Deregistration – complete fields marked with \* |
| Expected Commissioning Date | Expected date for commissioning, decommissioning or changes to be implemented for the *connection point*. |
| SAPS Generator Connection Point NMI(s): | National Metering Identifier (NMI) that will be or is assigned to the *regulated SAPS generating unit* *connection point(s).* |
| Physical Site Address: | Physical address at which the *connection point* is situated including street, suburb/town and postcode. |
| Special Site or Technology Related Conditions | Refer to the NER 7.8.12 - Special Site or Technology Related Conditions. If there is an existing Special Site or Technology Related Condition assigned to the *connection point(s)*, provide a copy of the details of these conditions as an attachment. All new algorithms require AEMO approval. Algorithms are not an acceptable substitute for actual *metering installations* that meet NER requirements. As such a detailed explanation why an algorithm is required and why compliance with other NER *metering installations* clauses are not able to be achieved, is to be provided with the request for consideration. |
| Transmission Node ID Code (TNI): | The Transmission Node Identity Code, which identifies the *regulated stand-alone power system*. |
| TNI Name: | What name is to be assigned to the TNI? |
| TNI Voltage | What voltage is the Connection Point connected at? |
| SAPS Type | * individual power systems, which are SAPS supplying a single customer and are not connected to the main electricity grid
* microgrids, which are SAPS supplying multiple customers and are not connected to the main electricity grid.
 |
| Single Line (Schematic) drawing  | Single Line diagram (SLD) of the SAPS generator *connection point* clearly identifying:* *Connection point*
* Revenue *metering installation* location details,
* Revenue *metering installation* CT/VT location details,

Identify the drawing number and provide the drawing as an attachment. (Drawings need to be re-sized with clarity and accuracy). |
| SAPS area drawing.  | Drawing showing the relationship between the SAPS generating unit and the SAPS End User connection points within the regulated stand-alone power system. Identify the position of the previous connection to the interconnected NEM and detail how the separation will be maintained. |
| NMI list | List of NMIs downstream of the *regulated SAPS generating unit* NMI that are supplied energy from this *connection point* |
| Distribution Loss Factor |
| DLF Code: | DLF Code must be set to “SAPS” |
| DLF Value:  | DLF value will be assigned a 1.000 |
| Capacity |
| Generator nameplate rating: | Nameplate rating of the SAP Generator in MW |

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| 2. REVENUE METERING INSTALLATION DETAILS |
| Metering Installation Type (S7.2.3): | NER S7.4.3 defines the Meter Type requirements. The *metering installation* must meet the accuracy requirements stated.  |
| Meter Details |
| Meter Serial No: | Serial Number which identifies the *meter* installed. (Add additional rows if required). |
| Current Transformer (CT) Details |
| CT Serial No. | Serial Number which identifies the *current transformer* installed. (Add additional rows if required). |
| CT Connected Ratio: | Provide the connected ratio of the *current transformer*. |
| Voltage Transformer (VT) Details |
| VT Arrangement: | Advise if the *voltage transformer* is a 3 x Single Phase *voltage transformer* or a Three Phase *voltage transformer*. |
| VT Serial No. | Serial Number which identifies the *voltage transformer* installed. (Add additional rows if required). |
| VT Ratio: | Provide the ratio that the *voltage transformer* is connected at. |

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| 3. Participant Relationships In MSATS |
| SAPS generating unit NMI Role ID | Description |
| FRMP: | *Market SAPS Resource Provider* for the generating unit connected to a *regulated SAPS* |
| LNSP: | The *Local Network Service Provider* –  |
| LR: | *Local Retailer*GLOPOOL is the default LR |
| MDP / MPC: | Accredited *Metering Data Provider*. |
| MPB: | Accredited *Metering Provider* |
| MC: | *Metering Coordinator*  |
| ROLR: | *Retailer of Last Resort.* |

### Attachments

Provide (where required) the following attachments:

Section 1 requirements:

* Special Site Conditions
* Single Line (Schematic) Diagram
* Distribution area drawing
* NMI list

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| **HeaderStandalone Power Systems** **Connection Point Checklist** |  |

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| **Market Registration Name:** | **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |

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| **Site Introduction:** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

| 1. GENERAL AND TECHNICAL DETAIL |
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| Applicant details\*  |
| Company Name: |  |
| Participant ID: |  |
| Contact Name: |  |
| Phone No: |  |
| Email:  |  |
| MSRP details |
| Company Name: |  |
| Participant ID: |  |
| Contact Name: |  |
| Phone No: |  |
| Email: |  |
| DNSP details |
| Company Name: |  |
| Participant ID: |  |
| Contact Name: |  |
| Phone No: |  |
| Email: |  |
| Connection Point Details |
| SAPS Connection Point Registration Type\* | [ ]  New | ☐ Existing | [ ]  De-register  |
| \*Expected Commissioning or Decommissioning Date (DD/MM/YYYY) |  |
| \*Connection Point NMI(s): |  |
| \*Physical Address of Connection Point |  |
| \*Are there Special Site or Technology Related Conditions? | [ ]  Yes (If Yes, provide details - [ ]  Attached)[ ]  No  |
| \* Transmission Node Id code (TNI): |  |
| TNI Name: |  |
| TNI Voltage: |  |
| SAPS Type | [ ]  Individual Power System [ ]  Microgrid  |
| \*Single Line (Schematic) diagram of the installation showing the Connection Point and revenue Metering Installation: | Drawing number \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[ ]  - AttachedThe follow information needs to be clearly marked on the SLD;* Connection Point
* Revenue metering installation location details,
* Revenue metering installation CT/VT location details,
 |
| SAPS area drawing showing Connection Point relativity.  | Drawing number \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[ ]  - Attached |
| NMI list\* | [ ]  - Attached or [ ]  listed below\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Distribution Loss Factor |
| DLF Code: | SAPS (default code) |
| DLF Value:  | 1.0000 (default value) |
| Capacity |
| Generator nameplate rating | \_\_\_\_\_\_\_ MW  |

\* Fields identified with an asterisk are mandatory and must be provided for abolished (extinct) SAPS

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| 2. REVENUE METERING INSTALLATION DETAILS |
| Metering Installation Type (S7.2.3): |  |
| Meter Details |
| \*Meter Serial No: |  |
| Current Transformer (CT) Details |
| \*CT Serial No. | 1.2.3. |
| CT Connected Ratio: |  |
| Voltage Transformer (VT) Details |
| VT Arrangement: | [ ]  3 x 1Ph VT or [ ]  3Ph VT[ ]  Not Applicable |
| \*VT Serial No. | 1.2.3. |
| VT Ratio: | \_\_\_\_\_KV / \_\_\_ V |

\* Fields identified with an asterisk are mandatory and must be provided for abolished (extinct) SAPS

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| 3. Participant Relationships In MSATS |
| Role ID | Participant ID | Participant Name |
| FRMP: |  |  |
| LNSP: |  |  |
| LR: | GLOPOOL | Global Pool Participant |
| MDP / MPC: |  |  |
| MPB: |  |  |
| MC: |  |  |
| ROLR: |  |  |

🖈 Clearly mark attachments