**Use of this form**

* *This form is to be completed by a Proponent[[1]](#footnote-2) proposing change to a generating system or integrated resource system under either National Electricity Rules (NER) 5.3.9, or NER S5.2.2, or 4.14(p), or where the change mechanism is unknown.*
* *This form is intended as a prompt to support Proponents to provide information that may be relevant to the Network Service Provider (NSP) and the Australian Energy Market Operator (AEMO) in scoping and assessing proposed changes. If unsure what supporting information should be provided, please liaise with the relevant NSP and AEMO. Fields that are not relevant to the proposed change or are unknown at the time of submission may be left blank.*

**Generator or Integrated Resource Provider details**

|  |  |
| --- | --- |
| **Registered participant details**  | [Specify Company Name, ABN, Participant ID]  |
| **Power station details**  | [Specify Power Station Name, Power Station ID]  |
| **Production unit(s) details**  | [Specify Production Unit(s) Name; Production Unit(s) Dispatchable Unit Identifier (DUID):]  |
| **Contact person details**  | [Specify name, title, telephone number, email address]  |
| **Notice of change submitted to:**  | [Specify NSP contact and AEMO Onboarding & Connections contact]  |
| **Date of change request** |   |

**Details of proposed change**

| **Required information**  | **Details**  |
| --- | --- |
| **Change description**  |
| **Details of proposed change**  | [Note: NSP and AEMO should be notified of proposed changes to a generating system or integrated resource system[[2]](#footnote-3)  These may include:  * Alterations to any equipment or associated protection and control systems.
* Addition or removal of equipment.
* Changes to configuration and settings.
* Firmware updates. ]
 |
| **Reason for proposed change**  | [Reason for change]  |
| **Connection stage**  | [Note: Specify whether the change is proposed at the: * Post execution of the connection agreement.
* Commissioning stage.
* Operational stage.]
 |
| **Relevant NER change mechanism**  | [Note: If known, specify the relevant change mechanism as: * NER 5.3.9 (Alteration of a generating system or integrated resource system, including settings change impacting performance).
* NER S5.2.2 (Application of settings to a control or protection system that are necessary to comply with performance requirement).
* NER 4.14(p) (Amendment of performance standards by agreement).
* Unknown.]
 |
| **Supporting documentation**  | [Note: Specify any other supporting documentation in relation to the proposed change that is included with this submission. These may include but not limited to: * Supporting information from Original Equipment Manufacturers (OEM) such as firmware release notes, OEM confirmation, etc.
* Setting registers indicating the existing and proposed settings
* Benchmarking report showing the performance of the plant with and without the proposed change.]
 |
| **Change impact** | [Note: Identify the impact of the proposed change, considering the following matters: * Performance of the generating system or integrated resource system that may be impacted relative to any of the technical requirements set out in NER S5.2.5, S5.2.6, S5.2.7 and S5.2.8.
* Anticipated general system strength impact.
* Anticipated adverse impact on network capability, power system security, quality or reliability of supply, inter-regional power transfer capability or the use of the network by another user.]
 |
| **Documentation and models**  |
| **PSS®E and PSCAD™/EMTDC™ model updates**  | [Note: Identify any PSS®E and PSCAD™/EMTDC™ models to be updated for the proposed change.]  |
| **Change submission supporting documentation**  | [Note: Specify the documents proposed to be provided or updated to support the proposed change for assessment. These may include but are not limited to the items in: * AEMO Connection Application Checklist[[3]](#footnote-4)
* Any relevant NSP application checklist.

Depending on the nature of the change, some items in the checklists may not be required for a NER 5.3.9(b) submission. The required documentation can be discussed and confirmed with the NSP and AEMO during scoping of a proposed change.]  |
| **Implementation & testing**  |
| **Change application (implementation plan)**  | [Note: Summarise details of how the change will be applied.  e.g.: Application to single/multiple units or plant controllers, application of setting while the units/plant controllers are offline or online, local or remote application of settings, etc. If relevant (e.g. for setting changes or firmware changes), attach an implementation plan with supporting details. Depending on the nature of the change, a commissioning plan may also be required.]  |
| **Change testing**  | [Note: Summarise details of how the changes will be tested].  |

# Where can I find more information?

|  |  |
| --- | --- |
| **Title** | **Weblink**  |
| NER 5.3.9 Process Guideline | https://aemo.com.au/-/media/files/electricity/nem/network\_connections/transmission-and-distribution/NER-539-Process-Guideline |
| NER Change Mechanism Fact Sheet | https://aemo.com.au/-/media/files/electricity/nem/network\_connections/transmission-and-distribution/NER-Change-Mechanism-Fact-Sheet |
| NER 5.3.9 Fact Sheet – Adding a BESS behind a connection point of an existing plant | Currently being developed |
| NER 5.3.9 Fact Sheet – Alterations to a proposed generating system or integrated resource system at the capability assessment stage | Currently being developed |
| NER 5.3.9 Fact Sheet – Firmware updates to a generating system or integrated resource system | Currently being developed |
| NER 5.3.9 Fact Sheet – Like-for-like replacements on a generating system or integrated resource system | Currently being developed |

For any further enquiries please email contact.connections@aemo.com.au.

Applicants are responsible for ensuring they understand the relevant provisions of the NER and other applicable legal and regulatory requirements, which prevail in the case of any inconsistency.

1. The person who proposes to alter their system, including equipment, controls or settings. That person will be either the registered Generator or Integrated Resource Provider, or the Connection Applicant (where performance standards have been included in an executed connection agreement but registration has not yet occurred). [↑](#footnote-ref-2)
2. Refer to NER 5.3.9 Process Guideline for changes that are excluded from NER 5.3.9 requirements. [↑](#footnote-ref-3)
3. [AEMO | Connection Application Checklist](https://preprod.aemo.com.au/-/media/files/electricity/nem/network_connections/stage-3/connection-application-checklist.pdf?la=en) [↑](#footnote-ref-4)