Potential Relevant Generator Modification Form

# Background

A Market Participant responsible for a Transmission Connected Generating System must register the performance of their Facility against Generator Performance Standards (GPS) as described in Chapter 3A and Appendix 12 of the Wholesale Electricity Market (WEM) Rules. Under the WEM Rules the performance requirements are referred to as the Generator Performance Standards (GPS).

When the generator performance requirements were transferred to the WEM Rules, provisions were introduced that provide for agreed GPS to be updated when changes are made to generating units or generating works that have the potential to affect the characteristics, performance, or capacity of the Generating System. These provisions are referred to as the Relevant Generator Modification (RGM) framework

This document captures information that is required before a Potential Relevant Generator Modification. The information within this form will be used by Western Power and AEMO during assessment of the Potential RGMs and subsequently assessing if those Potential RGM should be declared RGMs.

# Lodging a Potential Relevant Generator Modification

A Potential Relevant Generator Modification must be submitted using this template and should be lodged with any relevant supporting documents that may be necessary to support the proposed Potential Relevant Generator Modification. Supporting documents must be described in Part B of this document.

A separate template should be used to describe each Potential Relevant Generator Modification.

Relevant Generator Modification Guideline has been produced in accordance with WEM Rules 3A.12.2. This guideline provides Market Participants with examples of Potential Relevant Generator Modifications as well as circumstances and situations in which a Potential Relevant Generator Modification may be declared a Relevant Generator Modification.

[https://www.westernpower.com.au/media/6147/generator-performance-standards-relevant-generator-modification-guideline-wem-rules.pdf/](https://www.westernpower.com.au/industry/manuals-guides-standards/generator-performance-standards/)

*Please delete the green guide text prior to submission*

Potential Relevant Generator Modification declaration form, supporting documents should be submitted to Western Power via email to [system.analysis@westernpower.com.au](mailto:system.analysis@westernpower.com.au)

# Attachment 1: Potential Relevant Generator Modification Declaration Form

**PART A – Transmission Connected Generating System and Market Participant contact details**

|  |  |
| --- | --- |
| Applicant name: |  |
| ABN/ACN: |  |
| Name of contact: |  |
| Phone: |  |
| Email: |  |
| Postal address: |  |
|  | |
| Consulting engineer: |  |
| Phone: |  |
| Email: |  |
| Postal address: |  |
|  | |
| Participant Name [as registered] |  |
| Participant Code [as registered] |  |
| Facility Code [as registered] |  |
| Unit name associated with this RGM |  |
| GPS Registration Date |  |
| GMP Registration Date |  |

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| **PART B –** **Potential Relevant Generator Modification:** | | | |
| This request proposes a Potential Relevant Generator Modification as part of a RGM framework for the Transmission Connected Generating System described in Part A. | | | |
| Proposed RGM Identifier | | *The Proposed RGM Identifier should include the registered Facility Code and an identification number, separated by a hyphen.*  *e.g.: GENNAME-1* | |
| 1. **Background** | | | |
| *Background to the Relevant Generator Modification – include relevant modification (subheadings) as required. For example, Description of the change and the equipment, systems or settings involved, the reason for the change, the expected effect (including effects outside of the Technical Requirements) of the change including if and how the change may alter the characteristics, performance, or capacity of the Generating System.*  *Western Power and AEMO may request additional information following an initial enquiry or submission of a Potential RGM to enable them to make an assessment.*  *Market Participants should be aware that, regardless of any declaration of an RGM, obligations in the WEM Rules may require information to be submitted to Western Power and AEMO or for particular activities to be undertaken in relation to a change. For example:*  *• Commissioning related activities required for new or replaced equipment*  *• Testing schedules and test results demonstrating performance (or continued performance).* | | | |
| 1. **Potential Relevant Generator Modification details** | | | |
| **2.1 Provide a short description on the nature of the Potential Relevant Generator Modification**  *Please provide a description of the Potential Relevant Generator Modification.*  **2.2 Is the actions required to be taken in relation with the compliance framework?**  *Is it a Replacements/other fixes due to failure and can lead to a Generator being unable to meet its Registered GPS?*  **2.3 Is the actions required to be taken in relation with the maintenance?**  *Is it a significant maintenance that has the potential to alter the performance of the Generating System with reference to the Technical Requirement of the Registered GPS?*  *If it is a reactive maintenance, please provide the details of it.*  **2.4 Is the actions required to be taken for Replacements?**  *Is it a “Like-for-like replacements” or “Like-for-equivalent replacements”?*   1. *If it is “Like-for-like replacements”: Please provide the detail description including supporting evidence.* 2. *If it is “Like-for-equivalent replacements”: Please provide the detail description including supporting evidence for the following questions where applicable.* 3. *Is it changes in Equipment?* 4. *Is it changes in System?* 5. *Is it changes in Software and setting?* 6. *Is it changes in Secondary systems?* 7. *Is it the additions, replacements, and retirements of Generating Units within a Facility?* 8. *Is it any other Potential RGM, not mentioned above?*   **2.5 The expected effect (including effects outside of the Technical Requirements) of the change including if and how the change may alter the characteristics, performance, or capacity of the Generating System**  *Please provide expected effect (including effects outside of the Technical Requirements) of the change in detail including the supporting evidence.*  **2.6 What is the time schedule for the Potential Relevant Generator Modification to take place**  *Please provide the expected time schedule (including exact timeline/sequence of events/stages of events) for this Potential Relevant Generator Modification to take place.* | | | |
| 1. **Signature and supporting documents** | | | |
| Signature of the authorised person requesting consideration for the described Potential Relevant Generator Modification to be included as part of RGM framework and confirming that the supporting information provided in Part A and Part B of this form is complete and accurate.  Printed name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_  Signature:  *Please list the documents provided in support of the proposed Potential Relevant Generator Modification into the table below, adding rows as required.* | | | |
| **Supporting documents** | **Description/relevance of supporting information** | | **Section/para. Page no.** |
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| **PART C – Potential Relevant Generator Modification Outcome:** | | | |
| This Part should be filled by Western Power Representative after the assessment of Potential Relevant Generator Modification request form as part of a RGM framework for the Transmission Connected Generating System described in Part B. | | | |
| **Assessor Name** |  | | |
| **Position** |  | | |
| **Outcome** | | | |
| **Outcome Category** | | **YES** | **NO** |
| Potential Relevant Generator Modification | |  |  |
| More Information Required | |  |  |
| Further action, if it is a Potential Relevant Generator Modification | | | |
| Further action, if it is not a Potential Relevant Generator Modification | | | |
| Comment: | | | |
| **Reviewer Name** |  | | |
| **Position** |  | | |
| **Outcome** | | | |
| **Outcome Category** | | **YES** | **NO** |
| Potential Relevant Generator Modification | |  |  |
| More Information Required | |  |  |
| Further action, if it is a Potential Relevant Generator Modification | | | |
| Further action, if it is not a Potential Relevant Generator Modification | | | |
| Comment: | | | |