

# Generator Performance Standards (GPS)

Western Power - WRIG Update – Thursday 25 November 2021



# GPS Update

Western Power has been working with Market Participants responsible for an **Existing Transmission Connected Generating System** to help them meet **WEM Rules GPS Obligations**.



# GPS Timeline

- **1 February 2021** - GPS transition period for Existing Transmission Connected Generating Systems Starts (Tranche 1 commencement date).
- **31 March 2021** - Market Participants make their first GPS submission to Western Power for review (WEM Procedure: GPS for Existing Transmission Connected Generating Systems).
- **31 January 2022** - Date by which a Market Participant responsible for an Existing Transmission Connected Generating System, must have a Registered GPS for each Technical Requirement (WEMR 1.39.2).



# Extensions to having a Registered GPS

The GPS extension mechanism is described in WEMR 1.39.4 and 1.39.5:

- 1.39.4. Subject to clause 1.39.5, a Market Participant may request the date referred to in clause 1.39.2 be extended by the Network Operator, who must agree to extend the date by a reasonable period where the Network Operator considers that the Market Participant is making reasonable progress to having Registered Generator Performance Standards in respect of Technical Requirements for one or more of its Existing Transmission Connected Generating Systems and reasonably requires additional time to have all required Registered Generator Performance Standards. To avoid doubt, the Market Participant may request, and the Network Operator may extend, the date in clause 1.39.2 more than once.
- 1.39.5. A request made under clause 1.39.4 must be made at least 20 Business Days before 31 January 2022, or any extended date agreed under clause 1.39.4. Where a request is made within 20 Business Days of the relevant date the Network Operator may, but is not obliged to, consider the request.



# Extensions to having a Registered GPS

## Extension Eligibility:

1.39.4. Subject to clause 1.39.5, a Market Participant may request the date referred to in clause 1.39.2 be extended by the Network Operator, who must agree to extend the date by a reasonable period where the Network Operator considers that the Market Participant is making reasonable progress to having Registered Generator Performance Standards in respect of Technical Requirements for one or more of its Existing Transmission Connected Generating Systems and reasonably requires additional time to have all required Registered Generator Performance Standards. To avoid doubt, the Market Participant may request, and the Network Operator may extend, the date in clause 1.39.2 more than once.

## Criteria:

- 1) Making reasonable progress
- 2) Reasonably requires additional time



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Request must be made at least 20 business days before 31 January 2022, or by  
**31 December 2021**

# Dispute Resolution Mechanism

- Refer to “*WEM Procedure: GPS Dispute Resolution Mechanism for Existing Transmission Connected Generating Systems*”  
<https://www.wa.gov.au/government/document-collections/wem-procedure>
- Network Operator **must** commence the dispute resolution mechanism where:
  - A Market Participant responsible for an Existing Transmission Connected Generating System does not have a Registered GPS for each Technical Requirement, by 31 January 2022 (WEMR 1.39.3)
  - or-
  - If the Market Participant and Network Operator cannot agree on a Proposed Alternative Standard (WEMR 1.40.28).



# GPS Guidelines

- The WEM Rules describes a requirement for GPS Guidelines, including:
  - Relevant Generator Modification Guideline (WEMR 3A.13.2)
  - GPS Technical Requirement guidelines (WEMR 3A.4.4)
- These guidelines are in development and will published by **1 July 2022**.
- Western Power will present a further update on the Relevant Generator Modification Guideline at the January 2022 WRIG, but invite Market Participants to engage us in the meantime if clarification is required.



# More Information

- WEM Rules (<https://www.wa.gov.au/government/document-collections/wholesale-electricity-market-rules>)
- Generator Performance Standards Template (<https://www.westernpower.com.au/industry/manuals-guides-standards/generator-performance-standards/>)
- WEM Procedure: GPS for Existing Transmission Connected Generating Systems (<https://www.westernpower.com.au/industry/manuals-guides-standards/generator-performance-standards/>)
- WEM Procedure: Generation System Model Submission and Maintenance (<https://www.westernpower.com.au/industry/manuals-guides-standards/generator-performance-standards/>)

## New:

- Relevant Generator Modification Guideline (Available 1 July 2022)
- GPS Technical Requirement Guideline (Available 1 July 2022)

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