

## **GUIDANCE NOTE**

### **APPLICATION OF THE PILBARA HARMONISED TECHNICAL RULES AND HORIZON POWER TECHNICAL RULES**

#### **Purpose**

As part of the Pilbara reform process, and under the new Pilbara Network Rules, proponents in the North West Interconnected System must now comply with the Pilbara Harmonised Technical Rules, available at:

<https://www.wa.gov.au/government/document-collections/pilbara-networks-rules>.

Both the Pilbara Network Rules and the Pilbara Harmonised Technical Rules require Horizon Power to publish additional content to supplement the Pilbara Harmonised Technical Rules. This information includes such criteria as testing requirements and test details for the connection of Generating Units as well as network planning criteria. Due to this, along with Horizon Power having specific additional requirements not sufficiently addressed in the Pilbara Harmonised Technical Rules, proponents in the North West Interconnected System connecting to the Horizon Power Network must also comply with the Horizon Power Technical Rules, available at:

<https://www.horizonpower.com.au/contractors-installers/manuals-standards/>

Proponents not connecting to the North West Interconnected System need only comply with the Horizon Power Technical Rules.

The purpose of this guidance note is to advise on the application of these documents.

#### **Application**

For proponents connecting to Horizon Power's Network on the North West Interconnected System, the following guidance is provided to assist in the application of the documents:

- Both the Pilbara Harmonised Technical Rules and the Horizon Power Technical Rules apply, in their entirety, to proponents in the North West Interconnected System.
- The Pilbara Harmonised Technical Rules should be read in the first instance.
- The Horizon Power Technical Rules should then be read to determine any additional requirements.
- Order of precedence between the Pilbara Harmonised Technical Rules and the Horizon Power Technical Rules are as follows:
  - Where there is an inconsistency in stringency of a criteria between the two documents, the more stringent requirement of the two will apply.
  - Where there is conflicting criteria between the two documents, the Pilbara Harmonised Technical Rules will apply.
  - Where one document is silent on a particular criteria compared to the other, the document that contains the criteria applies.
- The Horizon Power Technical Rules cover specific requirements not contained in the Pilbara Harmonised Technical Rules, including but not limited to:
  - Horizon Power's Planning Criteria (Section 2.4).

- Power System Simulation Studies and Model requirements (Sections 2.3.7.1, 3.2.4, 3.3.9, and Horizon Power's 'PowerFactory Modelling Guideline, available at: <https://www.horizonpower.com.au/contractors-installers/manuals-standards/>).
- Data to be submitted with connection applications (Sections 3.3.2, 3.4.3, 3.6.5, and Attachments 3-10).
- Monitoring and Control Requirements (Section 3.3.4).
- Requirements for connection of embedded generation to the low voltage network (Section 3.5).
- Testing requirements and test details for connection of Generating Units (Attachment 11).