



SP Transmission RES Update

GCDF April 2016

Grid Code Definitions

Technical Specification

Technical Specification In relation to **Plant** and/or **Apparatus**,
(a) the relevant **European Specification**; or
(b) if there is no relevant **European Specification**, other relevant standards which are in common use in the European Community.

Electrical Standard

Electrical Standard A standard listed in the Annex to the **General Conditions**.

Grid Code Requirements

Technical Specification

- CC.6.2.1.2 Busbar Protection Zone Equipment Only
- Note: **NOT** Electrical Standard

Electrical Standard

- CC.6.5.5.1 Control and System Telephony
- CC.6.5.8 Electronic Data Communication Facilities
- PC.E.1 Offshore Transmission System Licensees and OTSDUW
 - OFTO & OTSDUW are required to ensure that all equipment used in the construction of their network is....: (iii) Compatible with any relevant Electrical Standards or Technical Specifications at the Offshore Grid Entry Point and Interface Point.

Discussion of Requirements

Electrical Standard

- There appear to be no conditions of the Grid Code that require Users to *comply* with Electrical Standards.
- In the absence of any relevant Electrical Standards Offshore Transmission Licensees and OTSDUW
 - are required to ensure that all **equipment** used in the **construction** of their network is....: (iii) **Compatible with any relevant Electrical Standards** or Technical Specifications at the Offshore Grid Entry Point and Interface Point.
- Clarity required on the meaning of the terms “**equipment used in the construction of their network**” and “**Compatible**”
- Use of **Technical Specification** and **Electrical Standard** appears ambiguous and inconsistent
 - **Technical Specification** in CC.6.2.1.2; ambiguous and unclear reference to **Electrical Standards** in PC.E.1

Revised SPT Proposal

- Given the limited application of RES for SPT the following is proposed
- SPT, through the Grid Code governance process will
 - Withdraw the current proposed updates to SPT RES
 - Submit a new proposal with a single RES document
- The RES document will detail all relevant standards by asset type
- All standards will be relevant, appropriate, national and international standards