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8 January 2016

**RE: SONI Consultation on Power Park Modules Grid Code Modification**

Dear Industry and Stakeholders,

This modification is proposed to capture the technical requirements for new technologies that are requesting to connect to the Transmission System. At present the Grid Code makes no provision for these new technologies. The ENTSOE Network Code – Requirement for Generators (NC-RfG) requires that all generators behind power electronics are classified as Power Park Modules (PPM) with the same technical requirements. There are no technology specific requirements within the NC-RfG. We are not proposing to incorporate all of the requirements of the NC-RfG into the Grid Code at this time. However in bringing forward modifications to the Grid Code in respect of new technologies, it makes sense to reference the NC RfG terminology. Therefore the NC-RfG definition of Power Park Modules (PPM) is used in this Grid Code modification. It should be noted that SONI and EirGrid have worked closely together to develop complimentary modifications in both jurisdictions.

The Grid Code contains well established requirements for Wind Farm Power Stations (WFPS), which are considered PPM based on the NC-RfG definition. These existing requirements have been generalised to be requirements for all PPM connections. There is no change to the Grid Code requirements for WFPS.

As an Energy Storage device is both a demand and generator user, there are additional definitions required for this PPM technology type. This type of storage is similar to Pumped Storage Plants in that there are two modes of operation, so the terminology for Energy Storage devices has been kept consistent with that for Pumped Storage Plants. There are also additional requirements for market signals for energy storage, consistent with Trading and Settlement Code modification MOD\_12\_13.

The proposed amended texts of the Grid Code, with both clean and redlined versions showing all changes made to the existing version can be found on the SONI website. SONI would welcome comments from Users on any aspect of these amendments.

The consultation period will run for 6 weeks and all responses must be received by close of business on **19 February 2016**. Please send responses to [Karen.Creighton@soni.ltd.uk](mailto:Karen.Creighton@soni.ltd.uk) copying [gridcode@soni.ltd.uk](mailto:gridcode@soni.ltd.uk).

Yours Sincerely,

A handwritten signature in black ink, appearing to read "Samuel Matthews". The signature is fluid and cursive.

Sam Matthews – Chair SONI Grid Code

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