

xx August 2013

Dear colleague,

### **Future Rate of Change of Frequency (RoCoF) Protection Settings**

We first wrote to you in January 2013 with an open letter <sup>1</sup> highlighting the potential for a change to the requirements for Loss of Mains (LoM) protection settings. The letter informed of a number of matters under discussion including likely ranges of RoCoF, how any decision to change requirements would be made and how protection setting changes would be implemented.

We {the Distribution Network Operators} also wrote to you directly, to seek your assistance to help assess the resilience of the Great Britain (GB) electricity supply system by reviewing the settings on the Loss of Mains protection applied to your generating plant. The letter noted that at a later date protection setting changes may be required.

The joint Distribution Code and Grid Code Workgroup, Frequency Changes during Large System Disturbances, undertook to develop proposals for protection setting changes. Papers and details of the Workgroup meetings can be found on the National Grid Website<sup>2</sup>.

The Workgroup have since developed a first set of proposals for change and have commenced a formal Industry Consultation. In summary, the Workgroup recommends that the minimum Rate of Change of Frequency setting specified for Loss of Mains protection on distributed generation within stations of registered capacity of 5MW and above should be changed to  $1\text{Hzs}^{-1}$  measured over 500ms. The change will be implemented by amending the Distribution Code and Engineering Recommendation G59.

The Industry Consultation, which includes details of the Workgroup discussions and full background to the recommendations, is available on the National Grid website at the following link.

<http://www.nationalgrid.com/uk/Electricity/Codes/gridcode/consultationpapers/>

The deadline for responses is 5pm on Friday 27 September. Details of how to respond to the consultation are included in section 7 of the report.

In support of the Industry Consultation, and to allow affected parties to discuss the proposals, the Workgroup are hosting two Stakeholder Seminars. The first seminar

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<sup>1</sup>The open letter dated 24 January is available on the National Grid website. <http://www.nationalgrid.com/NR/rdonlyres/13E717C8-DE42-4D8A-BF73B22BF4C07731/59204/OpenLetteronG83andG59protectionrequirementsv4.pdf>

<sup>2</sup> Further information on the joint Grid and Distribution Code Review Panels Workgroup is available at the following link. <http://www.nationalgrid.com/uk/Electricity/Codes/gridcode/workinggroups/Frequency+Changes+during+Large+System+Disturbances/>

will be at the Charing Cross Hotel in London on Monday 9 September from 12 to 5pm. The second seminar will be at The Jury's Inn in Glasgow on Monday 16 September from 10.30am to 3.30pm.

If you wish to discuss the content of this letter; the associated workgroup, or to register interest in one of the seminars, please contact Robyn Jenkins at [grid.code@nationalgrid.com](mailto:grid.code@nationalgrid.com), call 01926 655602 or write to:

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Yours faithfully