

Fault Ride Through GCRP – Terms of Reference - Summary



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Background

- Issues identified as part of the Fault Ride Through Workshops
- ENTSO-E – Developments
- Summary of the Fault Ride Through Workgroup Terms of Reference
- Questions

Issues identified as part of the Fault Ride Through Workshops

- Three workshops were held in September and November 2012 and January 2013 to address the issues raised in GCRP Paper Reference PP12/04.
- Issues mainly associated with Synchronous Plant
- Workshop participants acknowledged that whilst there were still issues with Asynchronous Generation, they were broadly happy with the GB fault ride through requirements and would not wish to undergo a full set of additional research and type tests ahead of the European ENTSO-E requirements.
- The workshops proposed a formal Grid Code Work Group to be established to examine the implications of early adoption of the ENTSO-E (RfG) fault ride through requirements for Synchronous Generation including specification of the GB Parameters.

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- In addition to the Fault Ride Through Workshops, National Grid has been working with DNO's and Ofgem to consider options for integrating the GB Grid Code and ENTSO-E RfG.
 - As part of this process fault ride through has been selected as an example of how the GB Grid Code and ENTSO-E Code can be integrated.
 - In addition, ENSTO-E is also aiming to develop a pilot to explore specific examples of how the National Choices within the ENTSO-E RfG will be established under the different regulatory arrangements of EU Members States. National Grid sees fault ride through as an excellent example to use as part of this work.

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- Understand the implications and interpretation of the Fault Ride Through requirements as defined in the ENTSO-E Requirements for Generators
 - Develop specific GB requirements and parameters to ensure consistency with the ENTSO-E RfG including the voltage against time curves)
 - Assess the impact to all Stakeholders of early adoption of the ENTSO-E RfG in respect of Fault Ride Through
 - Engage in the ENTSO-E RfG Pilot using fault ride through as an example and use this process to develop integration options
 - Provide clarity to all affected User's including the GCRP and JESG
 - Report back to the GCRP via a Workgroup report in March 2014.

Questions

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