

Electricity Network Innovation Competition Full Submission
Supplementary Answer Form

Project: REVISE

Tick if this answer has been provided verbally: ☐

Project code	WPD/EN/NIC/05	Question Number	20
Question date	23 August 2018	Answer date	28 August 2018
Submission section question relates to	Appendix L Technical Description of Project Methods		
Topic	d) Is innovative		
Question	For the DPS, how will back-up protection be provided and if this is also to be provided from a single protective device, has a revised Safety Case been developed and approved?		
Notes on question	None		
Answer	<p>As mentioned in Section 8.1 of the FSP, REVISE will be developed in-line with our company policies to ensure that the safety of our network and customers is not comprised. In addition, we will also ensure that the Methods for REVISE do not deviate from our statutory requirements. With regards to the protection of the network we will comply with all the requirements of the ESQCRs, with a particular focus on the following clause:</p> <p><i>"A generator or distributor shall be responsible for the application of such protection devices to his network as will, so far as is reasonably practicable, prevent any current, including leakage to earth, from flowing in any part of his network for such a period that that part of his network can no longer carry current without danger"</i></p> <p>Consolidation of devices is one of the key areas we will focus on for the DPS Method. However, we will ensure that the capability of each protection scheme is improved, not hampered, following the implementation of DPS.</p> <p>For example, the development of DPS will include a new over-arching control system communicating with each individual device which is capable of self-diagnostics as described in Section L.3.3 of the FSP. Together, these features will provide DPS with the ability to monitor individual devices and take action when the status of a device changes or an event occurs on the network. This whole system overview will allow DPS to accurately coordinate</p>		

	<p>the correct level, and type, of protection for the network in instances where a device has failed, thus creating a much more cost effective form of back-up protection.</p> <p>During the development of DPS we will closely coordinate with the teams shown in our Organogram in Appendix E. In particular, we will work closely with our colleagues in Health and Safety, Policy and Design departments to develop new Method focussed policy documents, specifications and standards which, as a minimum, will meet our existing safety requirements on the network.</p>
Attachments	None