

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	22
Question date	23 August 2018	Answer date	28 August 2018
Submission section question relates to	Section L.4 Intelligent Network Reconfiguration		
Topic	d) Is innovative		
Question	How will the INR be integrated in or with the DNO's NMS and how will you ensure this will be easy and cheap for other DNOs to replicate?		
Notes on question	None		
Answer	<p>As described in Section L.4.3, through our experience in delivering previous innovation projects involving external control systems, we now have well established methods for integrating these with our NMS. We do recognise that there can be unforeseen issues with integrating brand new control systems, such as INR, and have therefore included it within our RAID Log (R002 - Appendix F) and our Contingency Plan (Appendix C).</p> <p>The detailed methodology for NMS integration will be determined during the design as the INR system will be procured through a competitive tender process. There are two main options for integrating INR:</p> <ul style="list-style-type: none">i. Embedded directly within WPD's existing NMS system (through an add-in or integrated tool); orii. Through a developed communications protocol such as ICCP, which has been proven by ourselves on Network Equilibrium, ENW's Smart Street, NPG's CLNR and UKPN's KASM. <p>As with all of our innovation projects we aim to deliver new solutions that deliver financial, carbon and capacity benefits over and above BAU solutions. Our response to Question 17 detailed our process for producing detailed standards and policy documentation to ensure that INR can be replicated across all DNOs without incurring unnecessary costs.</p>		

Attachments	None