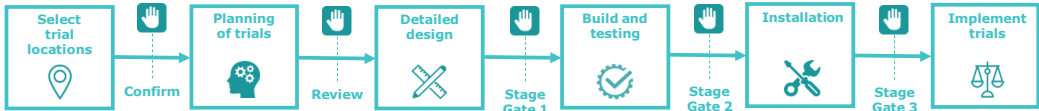


Electricity Network Innovation Competition Full Submission

Supplementary Answer Form

Project: REVISE

Tick if this answer has been provided verbally: ☐

Project code	WPD/EN/NIC/05	Question Number	24
Question date	23 August 2018	Answer date	28 August 2018
Submission section question relates to	L.4 Intelligent Network Reconfiguration		
Topic	d) Is innovative		
Question	What is the TRL of the INR? Please provide more detail of the programme to develop the solution and implement it.		
Notes on question	None		
Answer	<p>The TRL for the INR Method is 4. As discussed in our response to Question 14, there have been several developments in algorithms which seek to optimise the configuration of a network; however, to date no demonstrations have taken place on the network.</p> <p>Section 6 of the FSP provides details on our project plan and how we intend to develop and implement each Method. Figure 1 provides an overview showing the development of the INR Method and the Stage Gates.</p>  <p style="text-align: center;"><i>Figure 1: Development of INR Method</i></p> <p>The following table provides an overview of the main tasks included within our project programme in Appendix C of the FSP. This details the ID number of the items in the project plan relating to the research, design, procurement, build, install and trial phase required to successfully deliver the INR method.</p>		

	Stage	ID	Deliverable	Description	End Date
	Research	22	D1	Confirmation of Trial Area(s) and Detailed Methodology	20/09/2019
	Design	218	D6	Design including: – Network Integration Methods – Operational Philosophy – Technical Specifications – Method Designs	27/03/2020
		27	D6	Detailed Design of the Intelligent Network Reconfiguration Method	17/04/2020
	Gateway Review 1	62	D6	Design to Build	27/03/2020
	Procurement	223	D7	Procurement of INR System and Ancillary Equipment	14/08/2020
	Build	234	D7	Build including: – Design Submissions – Build System for Test – Factory Acceptance Testing	10/09/2021
	Gateway Review 2	63	D7	Build to Installation	10/09/2021
	Install	238	D7	Installation including: – Site Installation Activity – System Integration – System Integration Testing – System Acceptance Testing	01/04/2022
		28	D7	Installation and Trialling the Intelligent Network Reconfiguration Method	07/10/2022
	Gateway Review 3	64	D7	Installation to Trials	01/04/2022
	Trial	243	D7	Trial	23/09/2022
	Disseminate	255	D8	DNO Workshops for: – Design – Build	26/04/2021
		261	D8	Webinar	20/05/2020
		262	D8	Conferences	21/10/2022
		276	D8	Site Tour	30/11/2022
		284	D8	Training for: – Technology – Site	28/01/2022
Attachments	None				