Electricity Network Innovation Competition Full Submission

Supplementary Answer Form

Project: Black Start from Distributed Energy Resources

Tick if this answer has been provided verbally: ☐

Project code	ESOEN01	Question Number	44
Question date	30 Aug 2018	Answer date	03 Sep 2018
Submission section question relates to			
Topic			
Question	Can you please provide a physical definition of the proposed trials, e.g. what voltage will the DER be at, how many voltage levels above that will be back energised, other than loadbanks what demand will be supplied, will there be synchronisation back onto the system and will this be one of the existing DNO/TO interfaces.		
Notes on question			
Answer	Appendix G of the bid document describes a preliminary set of 10 possible case studies and for 2 of those describes a potential live trial. We anticipate using DER connected at 33 or 132 kV and, where possible, energising at least one voltage level upwards and downwards. Demand other than load banks will be used only where the customer concerned is fully aware of the proposed test and has agreed to participate, i.e. non-participating customers will not form part of any test. Synchronisation back on to the main system could form part of the test; the location for that synchronisation will have to be decided following detailed review of synchronising capabilities. The proposals for testing developed during the project will be subject to approval by the project Steering Committee.		
Attachments			