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	29
Question date	21 Aug 2018	Answer date	23 Aug 2018
Submission section question relates to	Project Methodology		
Topic	a) Low carbon/environment and net financial benefits		
Question	Will a minimum reactive power capability (as a p.f.) be specified for participation?		
Notes on question			
Answer	We expect participating generators to be compliant with existing codes as far as reactive power capability is concerned. The specific circumstances of each case study will be reviewed and the adequacy of reactive compensation evaluated, with particular challenges expected when energising upwards to transmission circuits. The reactive requirements will vary depending on network topology, as is the case for existing transmission-level Black Start. We anticipate one of the outcomes of this project being a new set of requirements for DER participation in Black Start, which will include parameters like reactive power capability.		
Attachments			