

Electricity Network Innovation Competition Full Submission
Supplementary Answer Form

Project: EVOLUTION

Tick if this answer has been provided verbally: ☐

Project code	SPD/EN/01	Question Number	13
Question date	18 August 2015	Answer date	20 August 2015
Submission section question relates to	Various		
Topic	General		
Question	As no new primary infrastructure will be provided, how can you be confident that the level of generator constraints will be reduced?		
Notes on question			
Answer	<p>Yes.</p> <p>In order to stop voltage rise from generation resulting in customers receiving a supply voltage outside the Electricity Safety, Quality and Continuity Regulations (ESQCR), we design our network for the worst case scenario; maximum generation coupled with minimum demand. We are extremely confident this combination does not happen the majority of the time and therefore the level of generator constraints will be reduced when the generation is actively managed. Indeed we have proved this with the advent of Active Network Management whereby significant levels of new generation capacity has been installed utilising the existing network and where generation has seen little to no constraints based upon real-time network available capacity.</p>		
Attachments			