

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	7
Question date	18 August 2015	Answer date	19 August 2015
Submission section question relates to	3		
Topic	Business case		
Question	Two counter-factuals for this solution are: 1) the status quo; and 2) a single whole system market. How will this project demonstrate its performance (commercial and technical) against these alternatives?		
Notes on question			
Answer	<p>Both the status quo and a single market themselves are not clearly established in terms of cost over coming decades due to the extent of change within the energy industry as a whole. There are however annually updated scenarios offered by the National Grid Future Energy Scenarios that will give us at least four potential options of the impact of the changing landscape.</p> <p>From this we should be able to extrapolate the expected volumes of renewables and other active components that would directly impact the cost of operating the Distribution Networks. We can then provide outputs that will provide comparisons between operation as a passive conduit that continues to be upgraded to avoid constraints vs a DSO model where we are able to implement a far greater range of smart technologies and operate in a more commercially integrated way with the market(s).</p>		
Attachments			