

*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	6
Question date	18 August 2015	Answer date	19 August 2015
Submission section question relates to	Various		
Topic	General		
Question	Is there good evidence that multiple grid services markets can deliver the overall system optimisation?		
Notes on question			
Answer	<p>There is currently limited evidence regarding the improved optimisation being achieved through 'multiple grid services' but this is on the whole a new challenge that is developing within the industry. The migration from centralised to distributed energy is significantly underway but despite this the management of the system and market remains centralised. We are able to extrapolate this to highlight many circumstances where a continuation of this arrangement will expose it to significant inefficiencies, operational conflicts and exacerbate the challenges of managing constraints.</p> <p>Establishing the best optimisation criteria and the overall impact on TO, SO and DNO/DSO will be one of the key learning outcomes for EVOLUTION.</p>		
Attachments			