

Network Innovation Competition Full Submission

Supplementary Answer Form

Tick if this answer is Confidential: ☐

Tick if this answer has been provided verbally: ☐

Project code:	NGGTGN01	Question Number	9
Question date	03 September 2013	Answer date	05 September 2013
Submission section question relates to	Section 4		
Topic	Criteria d		
Question	Does this project relate to the requirement for NGGT to introduce a specific output that is needed to meet the needs suggested within the network flexibility in RIIO-T1? If so, why is it not being carried out as part of business as usual?		
Notes on question			
Answer	<p>In terms of network flexibility within RIIO-T1 there are four potential funding mechanisms:</p> <ul style="list-style-type: none"> • Baseline funding for Scotland 1 in 20 peak day obligations (ca. £22m) • Seed corn funding which is a baseline allowance to understand future network flexibility requirements, develop output measures and undertake preliminary works (ca. £6m) • An annual re-opener for 1 in 20 peak day obligation changes • A mid period review (2017) for new or changed outputs relating to changes in commercial capacity obligations, other than 1 in 20 peak day obligation changes <p>The Vector project aims to develop a new method of providing flexibility on the network, without requiring a re-wheel of a compressor or the</p>		

	<p>construction of a new unit. However, at this time the technology is not proven for gas transmission applications, therefore it is not being considered for the Scotland 1 in 20 peak day obligation project. Our aim is to have furthered our understanding of the potential of variable vane technology by the time of the mid period review, although the project will not be complete at this point. However, this should enable us to provide an initial view on how this technology could meet the, to be developed, output measures associated with commercial capacity obligation changes. In addition if the technology is successfully proven in 2017, it will feed into our decision making process of how we economically and efficiently meet any changes in 1 in 20 peak day obligations. So in summary, we see the variable vane technology, as a promising method of delivering our network flexibility output measures in an efficient and economic manner.</p>
Attachments	
Verbal Clarifications (Consultants)	