

Network Innovation Competition Full Submission

Supplementary Answer Form

Tick if this answer is Confidential: ☐

Tick if this answer has been provided verbally: ☐

Project code:	WWUGN01	Question Number	2
Question date	15 th August 2013	Answer date	19 th August 2013
Submission section question relates to	Appendix G		
Topic	Net Benefits Tables A and B		
Question	With reference to the calculation of "Do nothing and WWU network usage declines (20 Year average)" within table (a), and the Method Cost in table (b) please explain the rationale for the implied avoidance of any reduction in customer numbers on the Wadebridge network through the delivery of a hydrogen /natural gas mixture containing a maximum 2% of hydrogen by volume		
Notes on question			
Answer	The rationale is that the introduction of hydrogen may provide enough decarbonisation to enable customers to continue to use gas thereby maintaining customer numbers. Although the proposal in the submission is for 2% hydrogen, there is some evidence from work in Europe that much higher levels may be feasible perhaps up to 20% by volume; therefore in the longer term this technology could provide much higher levels of decarbonisation.		
Attachments			

Verbal Clarifications (Consultants)	
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