

LCN Fund Full Submission

Supplementary Answer Form

Tick if this answer is Confidential: ☐

Tick if this answer has been provided verbally: ☐

Project code:	ENWLT2003	Question Number	Additional Answer 2
Question date	7 September 2011	Answer date	13 September 2011
Submission section question relates to	Consultants Review session		
Topic	Carbon		
Question	How is the C ₂ C Method low carbon as the customer will connect anything and anything now and therefore is it no another method to deliver capital efficiencies?		
Notes on question	<p>At the Consultants Review session the bid team answered that the C₂C Project will the C₂C concept only.</p> <p>The answer provided by the bid team needs further expansion to explain the low carbon benefits and to dispel the perception that C₂C is just another capital efficiency measure.</p>		
Answer	<p>The background to the development of the LCN Fund and our promotion of the C₂C concept is that the future expectation of network requirements is significantly different from the current use. This is due to the decarbonisation of heat, transport and electricity generation, all of which have implications for distribution network capacity requirements.</p> <p>The application of the C₂C Method would not be as relevant in a world of low demand growth, as it would mean that only low levels of traditional reinforcement were required. But in the world of high demand growth to meet the decarbonisation challenge, network expansion increases significantly and the challenge is two-fold – developing economic networks and at a speed that doesn't inconvenience our customers' low carbon development.</p> <p>The C₂C concept has been designed to meet these two parallel low carbon challenges by delivering capacity more quickly, at a lower cost and with lower network carbon impact (ie with fewer assets) as compared with traditional reinforcement techniques. Whilst the concept is applicable to existing networks and customers it is most relevant for future loads and new customer requirements.</p> <p>The C₂C concept is also ideally suited to providing increases in network</p>		

	capacity against a background of uncertainty in just how decarbonisation will occur and uncertainty in where and how quickly capacity increases will be required; releasing capacity by C ₂ C will allow responsive and flexible capacity release without long asset planning lead times.
Attachments	None.
Verbal Clarifications (Consultants)	None.