

LCN Fund Full Submission
Supplementary Answer Form

Tick if this answer is Confidential:

Tick if this answer has been provided verbally:

Project code:	NP GT203	Question Number	19
Question date	3 October 2013	Answer date	11 October 2013
Submission section question relates to	Expert panel bilateral		
Topic	Learning		
Question	Can you explain how the learning from the CLNR project would feed into this project?		
Notes on question			
Answer	<p>The learning and experience from CLNR will feed into ACE through technical, social, DSR and project management routes.</p> <p>Technical learning</p> <p>The ACE trials draw from CLNR learning on data capture and analysis and modelling through:</p> <ul style="list-style-type: none">• network monitoring equipment specification, installation and commissioning;• data communication and storage;• network and smart meter data analysis and visualisation techniques;• current and emerging load characteristics, potential network constraints and implications for modelling load and load growth on networks; and• solutions modelling and techniques to evaluate the optimum mix of network technologies. <p>Social learning</p> <p>ACE trial design benefits from CLNR learning on the scope customers have to be flexible. CLNR provides general understanding on customer flexibility for providing DSR through:</p> <ul style="list-style-type: none">• customer engagement techniques;• customer willingness to engage with their energy use and change		

	<p>their own behaviour;</p> <ul style="list-style-type: none"> • a knowledge of social factors and demographic analysis; • an understanding of factors affecting energy practices; and • capacity for flexibility, flexibility drivers and inhibitors. <p>More specifically, CLNR informs ACE that different customer types can provide different access to DSR.</p> <ul style="list-style-type: none"> • Domestic customers demonstrate an ability to provide DSR through fuel switching (e.g. using gas cooking facilities), changing timing of their energy use (e.g. using wet appliances at off-peak times) and energy reduction. • I&C customers sometimes lack social and technical know-how on how to achieve targets and facilitating their engagement in DSR can lead to win-win outcomes for both customers and DNOs. <p>Specific DSR learning</p> <p>The DSR diagnostic tool will build on the CLNR trial data through incorporating:</p> <ul style="list-style-type: none"> • residential and SME time of use tariffs; • residential direct control (heat pumps and washing machines); • residential restricted hours (heat pumps and washing machines); and • DSR from large I&C customers. <p>Project management, knowledge dissemination and compliance</p> <p>The overall management of ACE will benefit from CLNR knowledge on:</p> <ul style="list-style-type: none"> • project structure and governance; • engaging with multiple partners; • risk, issues and change management; • running knowledge dissemination events; and • customer engagement plans and data protection strategy. <p>This will ensure ACE is smoothly run across the numerous stakeholders and trial organisers to support long-term integrated participation.</p>
Attachments	
Verbal Clarifications (Consultants)	