LCN Fund Full Submission

Supplementary Answer Form

Tick if this answer is Confidential: ☐

Tick if this answer has been provided verbally: ☐

Project code:	SPT2005	Question Number	21
Question date	17th Sept 2013	Answer date	19th September 2013
Submission section question relates to	2: Project Description		
Topic	Energy Market		
Question	Please identify what technology will be used to operate the energy market.		
Notes on question			
Answer	Given that part of the initial stages of the trial will be the work by Durham University to detail the operation of a potential network constraint market the full requirements for this system are not known at the present date and we have not preselected any technology for this requirement. We have already had informal discussions will several vendors in this area but will fulfil this requirement through a commercial tender driven by the detailed requirements produced by Durham University's work. We have allocated sufficient funds within our equipment budget to create this operational network constraint market system. We intend the final system to be open source for use by other parties. Whilst final requirements will be defined as part of the project, we can and have assumed some fundamental requirements for the technology such as: 1. The ability to collect and collate disparate sets of information together in a central location, such as from home automation, building management and network management systems. There are many solutions which currently perform this information collection process including those from other industries such as financial services and telecommunications machine to machine solutions. 2. The ability to match real time requirements with capability between the community and the network operator. Again, there are existing solutions which can perform this function, such as those systems		

	already used by aggregators and by participants in existing energy markets. Although we do not anticipate any solution pre-exists which will completely meet our needs off-the-shelf we expect to leverage existing systems and technology in these areas where possible.
Attachments	
Verbal Clarifications (Consultants)	