

LCN Fund Full Submission

Supplementary Answer Form

Tick if this answer is Confidential: ☐

Tick if this answer has been provided verbally: ☐

Project code:	WPD-T2-04	Question Number	WPD002
Question date	23.08.2012	Answer date	30.08.2012
Submission section question relates to	Appendix Q		
Topic	Generation Effect on Fault Level		
Question	Please indicate the levels of generation penetration that are expected at locations to be included in the trial sample.		
Notes on question			
Answer	<p>Over the previous 10 years the heat network in Birmingham has developed extensively, now providing 6.7MWs of electricity (41,000MWh/annum of heat) through several separate connections. Birmingham City Council is committed to developing other areas to encompass a significant heat network, Eastside and Broad Street, indicated in appendix B2.</p> <p>WPD cannot predict the levels of generation penetration, however if Fault Level constraints are alleviated, an average of 42MW of generation per substation could be accommodated within the trial area. Integrating the 42MW of generation would provide 20% of the 60% reduction sought, in trial area, by the council.</p>		
Attachments			
Verbal Clarifications (Consultants)			