LCN Fund Full Submission
Supplementary Answer Form

Tick if this answer is Confidential: ☐

Tick if this answer has been provided verbally: ☐

Project code:	WPDT2002	Question Number	15
Question date	13th September 2011	Answer date	20th September 2011
Submission section question relates to	Appendix J		
Topic	Carbon Benefits		
Question	The carbon benefits stated are based on a number of assumptions in Appendix J. Reference is made to a gross saving of 40% (32% net). How and on what basis has this assumption been derived?		
Notes on question			
Answer	Taking the cost saving average from detail given in Appendix F:		

	% Cost Saving
Dynamic Asset Rating	80
Automated Load Transfer	50
Meshed Networks	30
Battery Storage	10
Distributed Generation	50
Demand Side Management	50
Total Average	45

The average percentage cost saving borne by the complete project is 45%; this cost saving is based on the reduction of traditional reinforcements required. Using the 45% cost saving and taking a conservative approach of the corresponding carbon saving through a reduction of reinforcement, the figure of 40% was arrived at.

	Using this value and an assumption that the network intervention method would be applicable to 90% of the network and also applying a further "caution factor" of 90% an overall saving of 32% is derived (90*45*90).
Attachments	
Verbal Clarifications (Consultants)	