

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	2
Question date	25 August 2011	Answer date	31 August 2011
Submission section question relates to	2		
Topic	Fault Levels		
Question	What assumption have been made for the cost benefit analysis with regard to the impact of changing fault levels as a result of closing NOPs?		
Notes on question	n/a		
Answer	<p>We have made not included any costs within the cost benefit analysis with regard to changing fault levels.</p> <p>The main costs of an increase in fault levels would be associated with the potential requirement to change high voltage switchgear, primarily the circuit breakers at the primary substation but also switchgear out on the distribution network.</p> <p>We have an expectation that whilst the fault level will increase marginally on substations within a closed ring, the effects of this will be immaterial to the fault clearance duty faced by automatic devices such as circuit breakers. The operation of closed HV rings is not expected to materially affect the fault duty of any of the affected switchgear.</p> <p>The full implications of the effects of changes in fault level will be studied during the C₂C Project by the academic partners, the Universities of Manchester and Strathclyde.</p>		

Attachments	n/a
Verbal Clarifications (Consultants)	None.