

*LCN Fund Full Submission*  
**Supplementary Answer Form**

Tick if this answer is Confidential:

Tick if this answer has been provided verbally:

Project code:	NPGT202/1	Question Number	NPG031
Question date	02/10/12	Answer date	04/10/12
Submission section question relates to	Section 8		
Topic	Customer Impacts		
Question	You have highlighted risk of trip as a possible cause of unplanned interruptions. As required by the governance document, please indicate the potential number and duration of these unplanned interruptions.		
Notes on question			
Answer	<p>The GBFM intends to install network monitoring devices at 15 primary substations. Three physical visits will be carried out at each site: 1) the site survey, 2) the installation and 3) the testing/commissioning of the devices. It is possible (though unlikely) that unplanned interruptions could be associated with these site visits. It is therefore prudent to assume that a maximum of 45 (3x15) unplanned interruptions could occur.</p> <p>These events would probably last for around ten minutes, but could last for up to one day.</p> <ul style="list-style-type: none"><li>• The likely or most <b>probable</b> duration of an unplanned interruption is estimated at 10 minutes or less, typical causes would be disturbed connections of relays or associated panel works, or adjacent control panel works.</li><li>• It is considered <b>possible</b> that an unplanned interruption would last approximately one hour, typical causes could be a damaged or deteriorated wiring of control cables, connectors or transducers that require replacement and retest.</li><li>• Although considered <b>improbable</b>, the duration of an unplanned</li></ul>		

	interruption could extend to one day, typical causes include faulting components, fire, irreparable damage requiring equipment replacement and re-commissioning.
Attachments	
Verbal Clarifications  (Consultants )	