

LCNF Full Submission

Supplementary Answer Form

DNO Name:	Electricity North West Limited	Question Number:	ENWL033
Question Date:	21 Sept 2010	Answer Date:	24 Sept 2010
Question Topic:	Box 4		

Original Question No:		Original Answer Date:	
Original Question:			
Original Answer:			

Question:	Please provide more description of what equipment failures might cause unplanned outages, an estimate of risk of this happening, and potential impact in terms of number of customers and outage duration. Also please describe any mitigation measures you have considered. As per the Governance Document, please set out whether you would withdraw the request for Second Tier Funding in the event that Ofgem would not support the change to the regulatory arrangements requested
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Answer:	To reiterate our position; Electricity North West believes it will not require any derogation, licence consent or exemption to undertake this Project. Electricity North West will not withdraw its request for Second Tier Funding in the event that Ofgem would not support the change to the regulatory arrangements requested. However, we will review the viability of the Project following Ofgem's response to our request for funding. The request for exemption from Licence requirements is to cater for presently unforeseen issues which may manifest during the operational phase of this Project. At this stage we are not seeking a specific derogation but we would like to reserve the option to open discussions with Ofgem should the need arise.
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	<p>An example of equipment failure leading to an unplanned outage is a catastrophic failure of the distribution transformer that incorporates the on-load tap changer. This risk of this event becoming manifest is considered to be low and similar to the risk of failure of any new technology of this type. It is calculated that this event would cause the interruption of supply to approximately 750 customers; many of these would be restored within 2 hours from alternative network sources, however a small number (estimate 10%) might be off supply whilst the transformer is replaced (estimate 8 hours).</p> <p>Several risk mitigation measures have been considered, including assessment of the availability of network back feeds and enhanced maintenance and inspection regimes during the period of operation.</p>
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Attachments:	None.
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