

LCN Fund Full Submission

Supplementary Answer Form

Tick if this answer is Confidential: ☐

Tick if this answer has been provided verbally: ☐

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| Project code: | ENWT205 | Question Number | 1 |
| Question date | 20 August 2013 | Answer date | 22 August 2013 |
| Submission section question relates to | Section2: Project Description | | |
| Topic | Equipment | | |
| Question | How much new cabling will be required to facilitate the proposed interlinking of radial networks? | | |
| Notes on question | | | |
| Answer | <p>The extent of any new interconnection on the LV network will be limited as we propose to use existing link boxes whenever possible. It may, for example, require a short cross road cable to link feeders on different sides of the same street or the ends of feeders at road junctions plus the addition of a new link box. The <i>eta</i> proposal includes for an additional 53 link boxes and 1 334 metres of LV cable based on a study of part of the LV network which was scaled to match the numbers of feeders in the <i>eta</i> Project. We have also built in a small contingency in addition to these numbers.</p> <p>The HV interconnection will not require any additional cabling as we intend to close existing normal open points.</p> <p>Most of the devices that are remotely controlled such as the WEEZAP, LYNX, capacitor banks and AVC relays will be linked by wireless communications and so there will be no additional control wiring.</p> <p>There will be a small amount of control wiring between the on load distribution transformer tap changers and the AVC relay as well as between the HV switch and associated RTU. This wiring will all be within the boundary of the substation.</p> | | |
| Attachments | | | |

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| Verbal Clarifications (Consultants) | |
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