*Innovation Competitions - Full Submission*

*Supplementary Answer Form*

Tick if this answer has been provided verbally:

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| Project code | ENWT206 | Question Number | Q38 |
| Question date | 14 August 2014 | Answer date | 18 August 2014 |
| Submission section question relates to | Section 5 | | |
| Topic | Project description | | |
| Question | Is limiters take a long time to break even. Can this equipment be easily and cheapily moved to another substation, or is it not economical to do that? | | |
| Notes on question |  | | |
| Answer | ABB has confirmed that an IS-limiter installation can be deconstructed and reconstructed at another site. This is a service that ABB would offer, but it is also aware of other organisations offering this service in mainland Europe.  Intuitively it feels economically sensible to move an IS-limiter installation when it is not required in the original network. It is difficult to quantify how economical it is without further analysis and we would expect to develop a business case for each instance as we would need to take in consideration the age of the IS-limiter installation to be moved and its expected length of service in the new location. But the activities (and therefore the costs) to be included in a business case are likely to include:   * Decommissioning of IS-limiter installation at existing location; * Refurbish the IS-limiter installation, where required; * Remove existing IS-limiter inserts; * Make ready and transport IS-limiter installation to new location; * Generate protection settings for new location, including peer review; * Install IS-limiter installation, including new cabling and jointing, at new location; * Install existing or new IS-limiter inserts, where required; * Apply new protection settings and commission for service. | | |
| Attachments |  | | |