*Innovation Competitions - Full Submission*

*Supplementary Answer Form*

Tick if this answer has been provided verbally:

|  |  |  |  |
| --- | --- | --- | --- |
| Project code | ENWT206 | Question Number | Q34 |
| Question date | 14 August 2014 | Answer date | 18 August 2014 |
| Submission section question relates to | Section 2 | | |
| Topic | Project description | | |
| Question | What is the advantage of having more than one method within a substation (as I assume the benefits aren't summative)? | | |
| Notes on question |  | | |
| Answer | In the FLARE Project we will only deploy one technique at each substation.  As stated in the answer to Q32 there may be a potential for the FCL service or the Adaptive protection to act as a backup to the IS-limiter.  The FCL service may be complementary to the Adatpive Protection as it will only remove the machine’s contribution to fault current which may not be enough to reduce the level below the rating. The Adaptive Protection is then used to reduce the fault current further. | | |
| Attachments |  | | |