*Innovation Competitions - Full Submission*

*Supplementary Answer Form*

Tick if this answer has been provided verbally:

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| Project code | ENWT206 | Question Number | Q18 |
| Question date | 31 July 2014 | Answer date | 4 August 2014 |
| Submission section question relates to | Appendix B1 Technical Solution | | |
| Topic | Disconnection of Motors | | |
| Question | Appendix B1 Machine Protection, Pg 65  Disconnection of Motors  How will the disconnection of motors be achieved practically? Does ENWL have a detailed technology plan and if so what are the details? | | |
| Notes on question |  | | |
| Answer | Electricity North West will set up a communications link to the customer’s premises that will interface with the motor’s protection system and associated circuit breaker. This may involve a change of the motor’s protection system. We will then instruct the protection to adopt new settings as we do with our own protection equipment.  The protection can be set up to operate based on the current exporting from the motor rather than importing from the network and this will detect if they are contributing to a fault.  We do not have a detailed technology plan and a lot of the detailed work in this area will form part of the FLARE project. | | |
| Attachments |  | | |