*Innovation Competitions - Full Submission*

*Supplementary Answer Form*

Tick if this answer has been provided verbally:

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| Project code | ENWT206 | Question Number | Q11 |
| Question date | 31 July 2014 | Answer date | 4 August 2014 |
| Submission section question relates to | Appendix A1, Pg 50 | | |
| Topic | Rollout assumptions | | |
| Question | Is there supporting evidence for the forecasts of applicable substations? I.e. have the figures from ENWL been cross-checked against other operators' substations? | | |
| Notes on question |  | | |
| Answer | There is supporting evidence for the 2020 forecast. The Long Term Development Statements of Electricity North West and the other GB DNOs were used to assess the number of primary substations with HV fault levels in the range 0 → 50%, 50% → 80%, 80% → 90%, and greater than 90% of switchgear rating. Scottish Power Manweb was excluded from the analysis because data was unavailable. It was found that the results for the Electricity North West network are broadly in line with those for the whole of the GB. Please see attached calculation note and graphs.  The forecasts up to 2030 and 2050 are based on our projections of future network loadings; and we have no similar information for the other DNOs. | | |
| Attachments |  | | |