

Electricity Network Innovation Competition Full Submission

Supplementary Answer Form

Project: REVISE

Tick if this answer has been provided verbally: ☐

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| Project code | WPD/EN/NIC/12 | Question Number | 12 |
| Question date | 21 August 2018 | Answer date | 23 August 2018 |
| Submission section question relates to | N/A | | |
| Topic | Innovative | | |
| Question | Why is INR more valuable than, for example, deploying Electricity North West's C ₂ C on these networks? | | |
| Notes on question | None | | |
| Answer | <p>During the bid preparation, a number of related LCNF Tier-2 and NIC network management projects were identified and the differentiating factors for REVISE are outlined in Appendix N.</p> <p>C₂C aimed to release capacity on the 11kV however this was limited to post-fault scenarios and was achieved through network curtailment of loads. The key aim of REVISE is to solve network constraints through proactive management of the network in its optimal configuration thereby maximising available capacity intact and post-fault. As mentioned in Section 2.1.2 of the FSP, REVISE will provide flexibility through intelligent, automated networks to complement customer flexibility currently facilitated through ANM and DSR schemes. The additional network flexibility provided through REVISE will help accommodate the vast quantity of DG forecast to connect to the network in the coming years.</p> <p>C₂C explored the impact of operating sections of network in parallel post-fault as a means to releasing capacity. Whilst this is a valid approach, it may not facilitate the largest capacity increase. REVISE will implement a solution that is capable of determining, selecting and operating the optimal network configuration to facilitate this which may or may not involve paralleling networks.</p> <p>During our DNO Engagement outlined in Appendix P, we discussed the aims of REVISE with ENW. They support that REVISE will offer new learning and benefits that haven't been realised to date.</p> | | |

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| Attachments | None |
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