

WPD Low Carbon Networks Fund Project

Tier 2 Appendices

Appendix A	Full Submission Spreadsheet
Appendix B	Maps and network diagrams
Appendix C	Organogram
Appendix D	Project plan
Appendix E	Information sources referenced in Box 15
Summary	If DNOs include further information attached to this Pro-forma than that required by Ofgem then they must provide an executive summary of that information in less than 1000 words which should be attached to this pro-forma after Appendix D, and before the numbered appendices. All further details in the numbered appendices must be clearly referenced in the text in the pro-forma.
Appendix 1	University of Bath letter of engagement and support, and their data analysis methodology
Appendix 2	Memorandum of Understanding between WPD and npower
Appendix 3	Customer communications pack
Appendix 4	Installing monitoring in LV substations
Appendix 5	Support letters – University of Bristol / WAG
Appendix 6	Sample extract of Arbed data (anonymised)
Appendix 7	RFQ issued to meter installers re the installation of voltage sensors at end of feeders / Provisional design of end-of-feeder voltage monitors
Appendix 8	An overview on the concept of network templates

Appendix E: Information Sources Referenced in Box 15

Other sources used in the Benefits case are:

- *Benefits of Advanced Smart Metering for Demand Response based Control of Distribution Networks*, Imperial College, London; ENA; SEDG
- *Carbon Appraisal in UK Policy Appraisal: A revised Approach*
- *National Renewable Energy Action Plan for the United Kingdom, Article 4 of the Renewable Energy Directive 2009/28/EC*
- *The Cost of Generating Electricity*, PB Power; Royal Academy of Engineering
- *ENSG: A Smart Grid Vision CBA*, ENSG and DECC
- *Digest of UK Energy Statistics (DUKES) (last updated 29 July 2010)*, DECC
- Unit Costs from Table 17 of the December 2009 Ofgem DPCR Final Proposals
- GB asset counts aggregated by Ofgem from Table T4 of DPRCR5 FBPQ Submissions, James Hope