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Yorkshire Green Energy Enablement (GREEN) Project

Volume 5

Document 5.3.1A ES Chapter 1 Appendix 1A - Details of Experts and their Experience

Final Issue A

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nationalgrid

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Appendix 1A: Details of Experts and their Experience

Appendix 5.3.1A: List of Competent Persons and Applicant's Confirmation of Competency

- 1.1.1 The Applicant, National Grid Electricity Transmission plc (“National Grid”), has engaged the services of WSP E&IS UK Ltd, Wardell Armstrong and Aecom to carry out an Environmental Impact Assessment (EIA) in respect of the Project and to prepare this Environmental Statement (ES). The Applicant confirms, in accordance with Regulation 14(4)(a) and (b) of the Infrastructure Planning Environmental Impact Assessment Regulations 2017 (the EIA Regulations), that to the best of its knowledge and belief, the Project team who have prepared the ES are competent persons.
- 1.1.2 This belief is based on the Project team’s relevant expertise, level of experience and qualifications in preparing ESs. The evidence of the Project team’s competence is demonstrated below.
- 1.1.3 Competent persons involved in the preparation of this ES are listed in **Table 1A.1**. The second column of this table includes two categories of staff, with different levels of responsibility:
- i. Technical reviewer.
 - ii. Main author.

Table 1A.1 - List of competent persons

Topic	Responsibility	Name of Company	Qualifications/competencies of author
Chapter 1: Introduction, Volume 5, Document 5.2.1	Main author	WSP E&IS UK Ltd	BSc (Hons) Geography, MSc Environmental Assessment & Management. Practitioner member of the Institute of Environmental Management and Assessment (PIEMA). Over 20 years of consulting experience on large-scale and complex schemes, including Nationally Significant Infrastructure Projects.
	Technical reviewer	WSP E&IS UK Ltd	BSc Geography, MCD Town and Regional Planning, Chartered Town Planner (MRTPI). Over 18 years’ experience in environmental planning and consultancy.
Chapter 2: Project Need and	Main author	WSP E&IS UK Ltd	BSc (Hons) Geography, MSc Environmental Assessment & Management. PIEMA. Over 20 years

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Alternatives, Volume 5, Document 5.2.2			of consulting experience on large-scale and complex schemes, including Nationally Significant Infrastructure Projects.
	Technical reviewer	WSP E&IS UK Ltd	BSc Geography, MCD Town and Regional Planning, MRTPI. Over 18 years' experience in environmental planning and consultancy.
Chapter 3: Description of the Project, Volume 5, Document 5.2.3	Main author	WSP E&IS UK Ltd	BSc (Hons) Geography, MSc Environmental Assessment & Management. PIEMA. Over 20 years of consulting experience on large-scale and complex schemes, including Nationally Significant Infrastructure Projects.
	Technical reviewer	WSP E&IS UK Ltd	BSc Geography, MCD Town and Regional Planning, MRTPI. Over 18 years' experience in environmental planning and consultancy.
Chapter 4: Approach to preparing the ES, Volume 5, Document 5.2.4	Main author	WSP E&IS UK Ltd	BSc (Hons) Geography, MEnvSc Full Member Institute for Environmental Sciences, PIEMA, and over 10 years of experience in environmental impact assessment (EIA) project management and co-ordination.
	Technical reviewer	WSP E&IS UK Ltd	BSc Geography, MCD Town and Regional Planning, MRTPI. Over 18 years' experience in environmental planning and consultancy.
Chapter 5: Legislative and Policy Overview, Volume 5, Document 5.2.5	Main author	WSP E&IS UK Ltd	BA (Hons) Town Planning, Diploma Town Planning, Masters Town Planning. Chartered Member of the Royal Town Planning Institute. Over 15 years' experience in the development sector.
	Technical reviewer	WSP E&IS UK Ltd	BSc Geography, MCD Town and Regional Planning, MRTPI. Over 18 years' experience in environmental planning and consultancy.
Chapter 6: Landscape and Visual, Volume 5,	Main author	WSP E&IS UK Ltd	BSc (Dual Hons) Landscape Design and Plant Science, Dip Landscape Architecture, Chartered Member of the Landscape Institute (CMLI). Over

Topic	Responsibility	Name of Company	Qualifications/competencies of author
Document 5.2.6			20 years' experience in environmental consultancy.
	Technical reviewer	WSP E&IS UK Ltd	BA (Hons) Landscape Architecture, Chartered Member of Landscape Institute and Recognised Practitioner of Urban Design Group. Over 25 years' experience in environmental consultancy including over 15 years on overhead line and substation projects.
Chapter 7: Historic Environment, Volume 5, Document 5.2.7	Main author	WSP E&IS UK Ltd	BA History and Archaeology, MLitt Landscape Archaeology, PhD Landscape Archaeology. Associate, Chartered Institute for Archaeologists (ACIfA). Over ten years' experience in field archaeology and historic environment consultancy.
	Technical reviewer	WSP E&IS UK Ltd	BA Ancient and Modern History, MA Field Archaeology, PhD Historical Archaeology. Member, Chartered Institute for Archaeologists (MCIfA). Over 25 years' experience in field archaeology and historic environment consultancy.
Chapter 8: Biodiversity, Volume 5, Document 5.2.8	Main author	WSP E&IS UK Ltd	BSc Biology, MSc Applied Hydrobiology. Over 15 years of experience in environmental consulting.
	Technical reviewer	WSP E&IS UK Ltd	BSc Environmental Quality Control, MSc Environmental Conservation and Management, Member, Chartered Institute of Ecology and Environmental Management (MCIEEM), Chartered Environmentalist (CEnv). Over 18 years' consultancy experience and technical lead for the UK ecology team.
Chapter 9: Hydrology, Volume 5, Document 5.2.9	Main author	WSP E&IS UK Ltd	BSc (Jt. Hons) Geography and Environmental Management, MSc Water Management and PhD in Natural Flood Management. Over 7 years in environmental consulting.

Topic	Responsibility	Name of Company	Qualifications/competencies of author
Chapter 10: Geology and Hydrogeology, Volume 5, Document 5.2.10	Technical reviewer	WSP E&IS UK Ltd	BSc (Hons) Geography, MSc Water Resource System Engineering and PhD in Analysis of Spatial Variability in Snow Processes, CEnv. Over 27 years in environmental consulting.
	Main author	Wardell Armstrong	MSc Environmental Geochemistry and BSc Environmental Geoscience, Member of Institute of Environmental Science (IES), Fellow of the Geological Society (FGS). 14 years in geo-environmental consultancy.
	Technical reviewer	Wardell Armstrong	MSc Geotechnical Engineering and BSc Geology, Chartered Geologist (CGeol), Chartered Engineer (CEng), FGS, Member of the Institute of Mining and Metallurgy (MIMM). Over 30 years in geo-environmental consultancy.
Chapter 11: Agriculture and Soils, Volume 5, Document 5.2.11	Main author	Wardell Armstrong	MEnvSci in Environmental Science and PhD in Soil Science. Full member of the Institution of Environmental Sciences and Early Career Member of the British Society of Soil Science. Three years' experience working in environmental consultancy.
	Technical reviewer	Wardell Armstrong	BSc(hons) in Agriculture, MSc in Soil Science and PhD in Soil Science. Full member of the British Society of Soil Science and a Fertiliser Advisers Certification and Training Scheme (FACTS) qualified advisor. Over seventeen years' experience in environmental consultancy.
Chapter 12: Traffic and Transport, Volume 5, Document 5.2.12	Main author	WSP E&IS UK Ltd	BA (Hons) Geography and Planning. Transport Planner with 18 years in traffic and transport assessments and 7 years working on Development Consent Order applications.
	Technical reviewer	WSP E&IS UK Ltd	BA (Hons) Geography/Planning and MSc in Transport Engineering and Operation. Over 25 years in traffic and transport consultancy.
Chapter 13: Air Quality,	Main author	WSP E&IS UK Ltd	BEng Environmental Engineering and Management and MSc in Water and

Topic	Responsibility	Name of Company	Qualifications/competencies of author
Volume 5, Document 5.2.13			Environmental Management. Three years' experience in environmental engineering and consultancy.
	Technical reviewer	WSP E&IS UK Ltd	BSc (Hons) Biological Sciences, MSc Environmental Diagnosis, and PhD in Assessing the Contribution of Local Air Quality Management to Environmental Justice. Over 12 years in consultancy.
Chapter 14: Noise and Vibration, Volume 5, Document 5.2.14	Main author	WSP E&IS UK Ltd	BSc (Hons) Physics, MSc Environmental Acoustics, Institute of Acoustics (IOA) Certificate of Competence in Environmental Noise Measurement. Member of Institute of Acoustics. Five years' experience in noise consultancy.
	Technical reviewer	WSP E&IS UK Ltd	BSc(hons) Chemistry, MSc Environmental Diagnostics, Member of the Institute of Acoustics and over 20 Years' experience in Acoustics.
Chapter 15: Health and Wellbeing, Volume 5, Document 5.2.15	Main author	AECOM	BSc Urban Sociology and MSc Local Economic Development, Member of Institute of Economic Development (MIED). Over 3.5 years' experience in the assessment of human health, wellbeing and social impacts.
	Technical reviewer	AECOM	BSc (Hons) Economic History with Population Studies, MSc Urban Economic Development, MIED. Over 13 years' experience in managing and carrying out population and health, human health and community impact assessments to inform Environmental Statements and Development Consent Order applications.
Chapter 16: Socio-Economics, Volume 5, Document 5.2.16	Main author	WSP E&IS UK Ltd	BA Town and Country Planning, MRTPI. Fifteen years of experience of socio-economic assessments.
	Technical reviewer	WSP E&IS UK Ltd	BA Town and Country Planning, MRTPI. Fifteen years of experience of socio-economic assessments.
Chapter 17: Climate Change,	Main author(s)	WSP E&IS UK Ltd	Climate resilience: MEnv BSc Environmental Science, IEMA Practitioner and 9 years' experience

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Volume 5, Document 5.2.17			in EIA, sustainability and climate change. Greenhouse gases: BSc Chemistry, MSc Climate Change and Environmental Policy, member of the Institute of Air Quality Management (IAQM) and IED and 4 years of experience in air quality, undertaking various air quality assessments, carbon footprint calculations and GHG assessments in an EIA context.
	Technical reviewers	WSP E&IS UK Ltd	Climate resilience: BSc, MSc, 16 years of experience in air quality and GHG assessments for major infrastructure projects. Member of IAQM and Institution of Environmental Sciences (IES). Greenhouse gases: BSc, MSc, and 16 years of experience in EIA, Climate Risk and Vulnerability Assessment, Adaptation Planning.
Chapter 18: Cumulative Effects, Volume 5, Document 5.2.18	Main author	WSP E&IS UK Ltd	BSc (Hons) Geography, MSc Integrated Environmental Studies, PIEMA. Over 5 years of experience in environmental consultancy.
	Technical reviewer	WSP E&IS UK Ltd	BSc Natural Environmental Science, MSc Environmental Assessment, MSc Pollution & Environmental Control, MIEMA. Over 27 years of experience in environmental consulting.

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