



**East Pye Solar
Environmental Statement
Volume 3: Appendix 1.2 – Statement of Expertise**

**Revision 1
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1 Introduction

1.1 Background

- 1.1.1 The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (Ref 1) (the 'EIA Regulations') require that an applicant for a Development Consent Order (DCO) must ensure that the Environmental Impact Assessment (EIA) report (Environmental Statement (ES)) is prepared by 'competent experts' (Regulation 14(4)(a)). In addition, The EIA Regulations (Ref 1) require that *'the environmental statement must be accompanied by a statement from the applicant outlining the relevant expertise or qualifications of such experts'* (Regulation 14(4)(b)).
- 1.1.2 As such, this Statement of Expertise has been prepared by Stantec, as the lead planning and environment consultancy for the Scheme, to outline the relevant expertise and qualifications of those involved in preparing the ES. This includes the Stantec EIA Project Director and EIA Project Manager, as well as experts from a range of other consultancies involved in the preparation of technical chapters.

1.2 Stantec

- 1.2.1 Stantec is a leading provider of environmental services to a wide range of clients and development sectors in the United Kingdom. Stantec is a founder member of the Institute of Environmental Management and Assessment's (IEMA) EIA Quality Mark scheme for quality in EIA. Stantec has a dedicated EIA team that specialises in leading the EIA process for development projects, including land development, regeneration, energy and infrastructure projects. Each of Stantec's EIA team have suitable academic and professional qualifications, with professional qualifications including Principal EIA Practitioner, Practitioner and Associate membership of ISEP, member of Royal Town Planning Institute and Chartered Environmentalist. The EIA team at Stantec is supported by internal technical environmental specialists, covering a wide range of technical disciplines.

1.3 Competent Experts

- 1.3.1 Summaries of the qualifications and experience of the EIA Project Director, responsible for the checking and review of the ES, and the EIA Project Manager, responsible for the coordination of the EIA, are presented in **Table 1.1**.
- 1.3.2 Summaries of the qualifications and experience of the leads for each technical discipline are presented in **Table 1.2**.

Table 1.1: EIA Project Director and Project Manager

EIA Project Director
<p>Environmental Planning Director, Member of the Institute of Environmental Science and Chartered Environmentalist with over 20 years experience. Specialisms include major infrastructure project management, renewable energy and EIA. Experienced in energy consenting regimes across the UK including TCPA, DCO, DNS and ECU applications. Relevant project work includes include the North Lincolnshire Green Energy Park DCO, Two Harts DCO, Glyn Taff Solar Park DNS, and the Spittal – Loch Buidhe – Beaully 400kV Connection ECU application.</p>
EIA Project Manager
<p>Environmental Consultant, MSc Environmental Policy and Management, Practitioner member of the Institute of Sustainability and Environmental Professionals (ISEP). Over 3 years' experience in environmental planning and EIA coordination for a variety of projects including solar, BESS, carbon capture, residential, and commercial developments.</p>

Table 1.2: Technical Discipline Leads

Chapter No	Chapter Title	Organisation	Qualifications / Professional Membership / Accreditation	Years of Experience	Summary of Previous Project Experience of Technical Lead
Chapter 6	Climate Change	Bureau Veritas	BA, MIES, MIAQM	12 years	The climate change lead has worked to provide expert advice on a range of issues, including greenhouse gas (GHG) emissions, climate change resilience and air quality. They have completed assessments for a number of NSIP across the UK and is able to provide valuable insight into how a project may affect and be affected by the rapidly changing global and local climate. They have also completed detailed technical studies of emissions from construction sites, road vehicles, and industrial emissions sources.
Chapter 7	Landscape and Visual	Stantec	BA (Hons), BLA, CMLI	18 years	The landscape and visual lead has over 18 years' experience as a technical specialist undertaking landscape, townscape and visual assessment as standalone appraisals and impact assessment as part of EIA development. The landscape and visual lead has extensive experience in the delivery of infrastructure projects focusing on the energy and transport sectors for both TCPA and DCO consenting regimes.
Chapter 8	Ecology and Biodiversity	Stantec	BA (Hons), MCIEEM	14 years	The ecology and biodiversity lead has fourteen years of professional ecological consultancy experience and a further ten years' experience within the wildlife conservation sector. They have worked with planners, developers, statutory consultees, and contractors at all project stages from optioneering/feasibility, scoping, environmental impact assessment, through to project delivery, and post-development monitoring/condition discharge requirements. They hold various protected species survey licenses and is a specialist in ornithological and ecological survey design and impact assessment, as well as undertaking Habitat Regulations Assessments for various renewable energy/energy infrastructure/ residential schemes. They have extensive field survey experience and holds a variety of legally protected species surveys and class licenses, and has been a named ecologist on a variety of site specific mitigation licenses.

Chapter No	Chapter Title	Organisation	Qualifications / Professional Membership / Accreditation	Years of Experience	Summary of Previous Project Experience of Technical Lead
Chapter 9	Water Environment	Stantec	BSc (Hons), MSc, MCIWEM	13.5 years	The Water Environment lead has extensive experience in the preparation of Flood Risk Assessments, surface water drainage strategies and Environmental Statement chapters for a range of development types across the UK, including solar PV schemes.
			BSc (Hons), C.WEM	7.5 years	The Water Framework Directive lead has extensive experience in the preparation of Water Framework Directive Assessments, geomorphological assessments and river restoration designs, assessing potential benefits and impacts for a range of drivers, (e.g. development, flood risk, biodiversity and planning requirements), for projects across the UK.
			BSc (Hons), MSc, CIWEM	8.5 years	The Water Resources lead has extensive experience in hydrological optioneering assessments for a variety of clients ranging from small scale assessments such as re-directing dry weather flow to larger scale abstraction impact assessments and option development across catchments.
Chapter 10	Cultural Heritage	GHC Heritage	BA (hons), MSc, MCIfA	28 years	The cultural heritage lead is an experienced historic environment professional with a demonstrable history of working within the planning and construction industry nationwide on a variety of projects from navigating the complexities of contaminated brownfield sites to providing robust advice on designated and non-designated heritage assets. This includes involvement on complex NSIP solar schemes such as West Burton and Cottam, with early involvement on Green Hill and Lime Down Solar Parks, and involvement in projects at local authority level, including the Places for Everyone Joint Development Plan.
Chapter 11	Transport and Access	Stantec	BSc, CMILT, CLP – Advanced	20 years	The Transport and Access lead has considerable experience in both the public and private sector in a range of transport planning disciplines, specialising in freight and logistics. They have in-depth knowledge of supply chain logistics, construction logistics and sustainable distribution across different modes. They also have a range of skills, knowledge and experience of transport policy and strategy and development planning across different land uses. They have worked on DCOs in both the application and

Chapter No	Chapter Title	Organisation	Qualifications / Professional Membership / Accreditation	Years of Experience	Summary of Previous Project Experience of Technical Lead
					delivery phases including projects such as Dean Moor Solar, Thames Tideway Tunnel, Riverside Energy Park and Hinckley Point C.
Chapter 12	Noise and Vibration	Stantec	MSc Audio Acoustics, MIOA	19 years	The noise and vibration lead is a senior acoustic consultant with extensive experience delivering noise and vibration assessments for private and public sector clients in the UK and internationally. They are recognised expertise in environmental and building acoustics, developed through leadership roles on residential and mixed use developments, major infrastructure projects, industrial facilities and energy generation schemes. They are UK Technical Lead for infrastructure acoustics, with responsibility for technical governance, quality assurance and the consistent application of best practice.
Chapter 13	Air Quality	Stantec	BSc (Hons), MSc. MIAQM, AMIES.	8 years	The air quality lead is highly experienced in the assessment of air quality impacts from a wide range of projects including energy generation, highways infrastructure and strategic community development. They have led the production of numerous complex EIA chapters on air quality and are experienced in the preparation of proportionate mitigation strategies. They recently led the peer review of the River Thames Scheme DCO documents for air quality.
Chapter 14	Socio-Economics	Stantec	BA (Hons), MA, MiED	25 years	The socio-economic lead has produced EIA-integrated and standalone social and economic impact assessments for TCPA and DCO applications for residential, commercial, mixed-use and energy projects of various scales. They have been the technical lead for numerous solar projects including: Dean Moor, Stonestreet Green, Parc Traffwyl, Helios Renewable Energy Project, Ballymena Solar Farm, Bodelwyddan Solar and Severnside Central Park Solar Farm.
Chapter 15	Soils and Agricultural Land	Kernon Countryside Consultants	BSc (Hons), MRICS, FSAg	39 years	The Soils and Agricultural Land lead has many years' experience assessing the effects of development proposals on agricultural land, soils and rural businesses. This has included many large-scale solar projects across England and Wales at NSIP and DNS Scale, including Mallards Pass, Heckington Fen, Oaklands, Penpergwm,

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					Alaw Mon, Gate Burton, and Helios. Their expertise includes soil assessment and rural business appraisals, including food production and food security matters.
Chapter 16	Ground Conditions	Stantec	BSc (Hons), PhD, MIES	20 years	The Ground Conditions lead has over 20 years' experience in the investigation, assessment, remediation and mitigation of ground conditions. Specialising in the mitigation of risks to the human health and the environment arising from historical contamination, they have led multiple EIA for energy, industrial and residential projects at sites across the UK. They have extensive experience of working collaboratively with regulators and Local Authorities to achieve practical outcomes in resolving potential ground condition constraints.
Chapter 17	Electromagnetic Fields	Pager Power	BEng Mechanical Engineering	3 years	The Electromagnetic Field (EMF) and Glint and Glare lead has experience coordinating between developers and significant stakeholders such as the Civil Aviation Authority, Ministry of Defence and National Highways to maximise development opportunities and explore mitigation solutions. The EMF and Glint and Glare lead has worked on over five major-scale (i.e. NSIP and DCO) projects undertaking technical assessments including glint and glare, EMF, and aviation safeguarding.
Chapter 18	Other Environmental Matters	Pager Power			
		Lanpro	BA (Hons) MA, AISEP	8 years	
		Stantec	BA (Hons), MSc	10	The Human Health Summary lead is responsible for the health, and equalities inputs for TCPA and DCO applications across a range of sectors, ensuring these considerations are embedded from design, planning through to delivery. Specific experience includes the position as technical lead for Health and Equalities for DCO applications including major road and water infrastructure schemes, including representation at

Chapter No	Chapter Title	Organisation	Qualifications / Professional Membership / Accreditation	Years of Experience	Summary of Previous Project Experience of Technical Lead
					examination hearings
		Stantec	Major Accidents and Disasters and Telecommunications, Utilities, and Television covered in Chapter 18: Other Environmental Matters have been prepared by EIA Coordinators.		