

Green Hill Solar Farm

EN010170

Environmental Statement

Appendix 1.1: Statement of Competence

Prepared by: Lanpro Services

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APFP Regulation 5(2)(a)



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Issue Sheet

Report Prepared for: Green Hill Solar Farm

DCO Submission

Appendix 1.1: Statement of Competence

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1 Statement of Competence

1.1 Introduction

- 1.1.1 This Statement of Competence has been prepared on behalf of Green Hill Solar Project Limited (the Applicant) by Lanpro Services Limited, as the coordinator of the Environmental Impact Assessment (EIA) of the Green Hill Solar Farm (the Scheme), of which this Statement forms part, to outline the competency and relevant professional experience of those responsible for undertaking and reporting the EIA.
- 1.1.2 Paragraph 14(4)(b) of the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 states that “*the environmental statement must be accompanied by a statement from the applicant outlining the relevant expertise or qualifications of such experts*” (Ref 1.1).

1.2 Lanpro

- 1.2.1 The Lanpro team have significant and long-standing experience of providing EIA services and have managed many EIAs and prepared Environmental Statements and other technical reports to accompany applications under various consenting regimes.

1.3 Competent Experts

- 1.3.1 The qualifications and experience of the EIA Coordinator, responsible for coordinating and reviewing the Environmental Statement, and technical leads for each discipline are set out in **Table 1.1**.

Table 1.1: Qualification and Experience of EIA Coordinator and Technical Leads

EIA Technical Discipline	Qualifications, Professional Memberships, Accreditations	Years of Experience	Summary of Previous Experience of Technical Lead
EIA Coordinators	Tara Chopra (MEnvSci)	18 years	Technical Director for Major Infrastructure and EIA at Lanpro. Technical and EIA coordination lead for the now-consented Cottam and West Burton solar DCOs. Experience includes EIA management and coordination leads on large-scale transport and energy infrastructure DCOs.
	Harry Parker (CEnv, MEnvSci),	17 years	Chartered Environmentalist and Technical Director, Harry has coordinated EIAs for wide range of



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			developments across UK and Ireland.
	Charlotte Astrella (BSc, MSc, AIEMA)	3.5 years	Senior EIA consultant with 3 years' experience, who has led and worked on large complex EIAs for major infrastructure projects.
	Chris Lazarides (BSc,AIEMA)	3 years	EIA consultant and co-ordinator for UK based major infrastructure and DCOs.
	Anna Rowan (BSc, PIEMA, RenvP)	2.5 years experience	EIA co-ordinator for large-scale energy infrastructure DCOs.
Climate Change	Daniel Clampin (MIES, MIAQM)	12 years' experience	Daniel has worked to provide expert advice on a range of issues, including Greenhouse Gas Emissions, Climate Change Resilience and Air Quality. He has completed assessments for several Nationally Significant Infrastructure Projects 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. Daniel has also completed detailed technical studies of emissions from construction sites, road vehicles and industrial emissions sources.
Landscape and Visual	Christopher Jackson (BSc (Hons), MA, CMLI).	18 years' experience	Chartered Landscape Architect with a focus on landscape planning, specialising in producing Landscape and Visual Impact Assessments



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			(LVIA) across a wide range of projects at various scales. This includes large scale energy and renewable projects, large scale commercial buildings, housing and residential sites, rural estates and farms, as well as sport, recreation and tourism projects.
Ecology and Biodiversity	Harry Fox (BSc, MCIEEM)	17 years' ecology experience	Associate Director at Clarkson & Woods and Project Director for Green Hill Solar. Leads on management, survey and reporting for complex projects. Was the project ecologist for the recently consented Cottam and West Burton Solar NSIPs. Particular expertise in bird and bat survey and mitigation; sits on Bird Survey Guidelines Committee and co-authored BCT/ ILP Bats and Lighting guidance.
Ecology and Biodiversity	Chris Poole MSc (ACIEEM)	7 years' ecology experience	Senior Ecologist at Clarkson & Woods and Project Manager for Green Hill Solar. Regularly undertakes management, survey and reporting for complex projects. Has worked on a range of TCPA solar schemes. Particular expertise in Biodiversity Net Gain and GIS.
Ecology and Biodiversity	Mike Hockey (BSc (Hons) MCIEEM)	11 years' ecology experience	Senior Ecologist at Clarkson & Woods and Project Manager for Green Hill Solar. Regularly undertakes



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			management, survey and reporting for complex projects. Has worked on a range of TCPA solar schemes and assisted with survey and reporting for Cottam and West Burton Solar NSIPs. Particular expertise in bird survey and mitigation.
Hydrology, Flood Risk and Drainage	Joshua Rigby (BSc (Hons) MCIWEM)	15 years' experience	<p>Manager of the Water Environment business stream at Arthian, specialising in the planning and water sectors. Possesses extensive expertise in flood risk and drainage management and is overseeing the Hydrology, Flood Risk and Drainage aspects of the Green Hill Solar Scheme.</p> <p>Currently oversees all work produced by the Water Environment Team across the UK.</p> <p>His career has been dedicated to delivering complex flood risk and drainage solutions for a wide range of high-profile public and private sector clients. He has led numerous projects encompassing Flood Risk Assessments (FRA), Flood Consequences Assessments (FCA), Drainage Strategies, Surface Water Management Plans, Flood Management Plans, culvert studies, and due diligence. Additionally, he has substantial</p>



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			<p>experience in the hydrological and hydraulic modelling aspects of Environmental Impact Assessments (EIA), including the use of specialised software such as MicroDrainage, ReFH2, GIS, Flood Modeller Pro (FMP), TUFLOW, MIKE Flood, InfoWorks ICM, and HEC-RAS.</p> <p>Has worked on a range of solar schemes including the Cottam and West Burton NSIP projects.</p>
	Isobel Randall, (BSc (Hons) MCIWEM)	5 years' experience	<p>Senior Flood Risk Consultant contributing to and supporting the delivery of the Hydrology, Flood Risk and Drainage elements of the Green Hill Solar Scheme.</p> <p>Has experience in a wide variation of EIA projects, fluvial and pluvial hydraulic modelling projects, FRAs, and Drainage Strategies. She is also involved in project management: projects are managed from concept to delivery and work varies from technical work and client-facing meetings to extensive consultee liaison (i.e. pre-application meetings).</p> <p>Has worked on a range of solar schemes including</p>



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			the Cottam and West Burton NSIP projects.
Minerals	Edmund Clover, (BA(Hons), DipTP, MRTPI)	34 years' experience	<p>The mineral technical lead has gained extensive experience in all aspects of Mineral Planning including planning policy and development control roles within Local Government. For the last twenty years the technical lead has been a self-employed consultant specialising in minerals and waste planning on behalf of both private clients and local authorities.</p> <p>Specialist experience includes the preparation and submission of the planning application and accompanying Environmental Statements for a range of major mineral related projects.</p> <p>Recent project experience includes undertaking several Mineral Resource Assessments for developments, including solar farms, located in Minerals Safeguarding Areas.</p>
Cultural Heritage	Alice James (BA (Hons), MSc, MifA)	12 years' experience	Technical Director. Manages the Historic Environment component of Green Hill. Has delivered the cultural heritage component of numerous complex projects, and has extensive experience worked on a range of Solar TCPAs, as well as



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			the Cottam and West Burton NSIP projects in Lincolnshire.
Cultural Heritage	Tristan Wilson (BA (Hons), MA)	8 years of heritage experience	Principal Historic Environment Consultant for Lanpro. Has experience working on heritage input to a wide range of EIA projects, including TWAOs such as the TransPennine Express route upgrade programme, HS2 Phase 2A and 2B and NSIP schemes such as Cottam and West Burton in Lincolnshire. Has particular experience managing change within complex heritage environments.
Transport and Access	Stuart Morse (BSc, MSc, CIHT)	23 years' experience in traffic engineering and transport planning	Director and Transport Planner at KMC Transport Planning Ltd Stuart has provided transport planning advice for a wide range of strategic-scale developments across the UK, including scheme which required specific EIA input. Stuart is currently engaged in several Solar and energy schemes which are at varying stages of development.
Noise and Vibration	Dawit Abraham (Bsc, Msc, MIOA)	14 years' experience	Head of Noise & Acoustics at Tetra tech Dawit is a qualified acoustician with over 14 years' experience in environmental, architectural, and building acoustics. He has a range



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			of academic and professional working experience within the construction industry. In his time, his direct experiences have represented some valuable skills and knowledge within the industry, which has allowed him to develop a range of skills such as, problem solving, creativity, organisational and analytical skills. This has led Dawit to be able to provide complete end-to-end support. He has provided detailed analysis and specification to within relevant agreed acoustic performance criteria.
Glint and Glare	Joshua Jones (BSc, MSc, MEnvSc)	3 years' experience (Glint and Glare), 9 years' experience (Environmental Impacts)	Principal Environmental Consultant at Arthian Ltd. Conducted glint and glare assessments for solar projects, including NSIPs, evaluating impacts on residential amenity, as well as aviation, road and rail safety. Provided technical input for EIAs and planning submissions, ensuring compliance with industry standards.
Air Quality	Hannah Dennett (BSc (Hons), MRes, MEnvSc, MIAQM, CEnv)	19 years' experience	Principal Air Quality Consultant at Arcadis Consulting (UK) Ltd. Technical lead for complex EIAs for an array of developments, ranging from Nationally Significant Infrastructure Projects (NSIPs) to mixed use developments of various



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			scales. Worked on numerous energy projects including Richborough Connection Project and Feeder 9 Gas Pipeline Project and is currently air quality lead for the North Humber to High Marnham Reinforcement project, the Southeast Anglia (SEA) Link project, the Humber Low Carbon Pipeline (HLCP) project and Lime Down Solar Park.
Socio-Economics, Tourism and Recreation	Stephen Flynn (BA (Hons) MA)	7 years, of which 5 years of EIA experience	Senior Planner at Lanpro. In-house technical specialist for socio-economics and human health assessment, having led on residential and renewable energy projects, including as technical lead for socio-economics and human health on the now-consented Cottam and West Burton solar DCOs, and ongoing Lime Down Solar Farm NSIP.
Human Health	Tara Chopra (MEnvSci)	18 years EIA experience	Technical Director for Major Infrastructure and EIA at Lanpro. Technical and EIA coordination lead for the now-consented Cottam and West Burton solar DCOs. Experience includes EIA management and coordination leads on large-scale transport and energy infrastructure DCOs.
Arboriculture	Alexander Lowe (BSc (Hons) MArborA Dip Arb L4 (ABC))	8 years arboriculture experience	Principal Arboricultural Consultant at Lanpro. Technical arboriculture lead for the Sheringham Shoal and Dudgeon



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			Offshore Wind Farm Extension Project (Norfolk) as well as Dogger Bank South and Dogger Bank D Offshore Wind Farm Extension Projects. Undertakes large scale and complex tree surveys, impact assessments, method statements and tree protection plans for a variety of projects.
Agricultural Circumstances	Bruce Lascelles	30 years	Bruce is currently Director of Sustainable Land Management at Arcadis. Bruce provides technical delivery on agriculture, soil, river restoration and geomorphological projects. He has been Agriculture and Soils technical lead for many NSIPs such as HS2, Sizewell C, Lower Thames Crossing and SEA Link and Bramford to Twinstead Reinforcement etc. Bruce is the Past President of the British Society of Soil Science and President-Elect of the International Union of Soil Sciences. He was made a Fellow of the Society in January 2015.
Electro-magnetic Fields (EMF)	James Plumb (LLB (Hons))	2.5 years of experience in EMF assessments and technical assessments for solar, wind and building developments	Conducted EMF and technical assessments for wind farms and solar projects, including multiple NSIPs, evaluating impacts on human health and electromagnetic interference. Provided technical input for EIAs and planning submissions,



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			ensuring compliance with industry standards.
Ground Conditions and Contamination	Robin Slade (BSc, MIEMA, CEnv)	29 years Geo-Environmental Experience	Unit Director at Lucion Delta-Simons. Experience in land contamination site characterisation, assessment and remediation including preparation of EIA supporting documents and work on NSIPs. Experience includes renewable energy and energy transmission schemes including projects with complex ground models. Extensive regulatory engagement experience on a variety of projects.
Major Accidents and Disaster	Charlotte Astrella (BSc, MSc, AIEMA)	3.5 years	Senior EIA consultant with 3 years' experience, who has led and worked on large complex EIAs for major infrastructure projects.
Other Environmental Matters			Overseen by EIA Coordinator with over 17 years' experience as an EIA practitioner.



References

- Ref 1.1 The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017. Paragraph 14(4)(b). Available at: <https://www.legislation.gov.uk/uksi/2017/572/regulation/14>