



CLEVE HILL SOLAR PARK

RESPONSES TO THE EXA'S WRITTEN QUESTIONS - APPENDICES Appendix 1 - Glossaries

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CLEVE HILL
SOLAR PARK

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1 INTRODUCTION

1. This document provides Glossaries for key documents forming the Development Consent Order Application (the DCO Application) for Cleve Hill Solar Park (the Development).
2. References to the Application documentation are provided where necessary with hyperlinks according to the reference system set out in the [Cleve Hill Solar Park Examination Library](#).
3. Updated or new glossaries are provided for the following documents:
 - Environmental Statement ([APP-250](#))
 - Statement of Reasons ([APP-019](#))
 - Funding Statement ([APP-020](#))
 - Report to Inform and Appropriate Assessment ([APP-026](#))
 - Statement in Respect of Statutory Nuisance ([APP-028](#))
 - Grid Connection Statement ([APP-029](#))
 - Outline Design Principles ([APP-251](#))
 - Mitigation Schedule¹ ([APP-252](#))
 - Statement of Need ([APP-253](#))
 - Planning Statement ([APP-254](#))
 - Heritage Statement ([APP-257](#))

¹ A revised version of this document has been submitted at Deadline 2.

2 ENVIRONMENTAL STATEMENT

AA	Appropriate Assessment	Step by step process under the Habitats Regulations, triggered by the likelihood of significant effects.
AADT	Annual Average Daily Traffic	A measure used primarily in transportation planning, transportation engineering and retail location selection.
AC	Alternating Current	An electric current which periodically reverses direction.
ADS	Archaeological Data Service	An accredited digital repository in the UK for heritage data.
AES	Annual Energy Statement	A statement which provides the most recent update from Central Government on progress against energy policy.
AGL	Above Ground Level	Used to indicate height relative to ground level rather than a constant reference point (such as ordnance datum).
AHLV	Area of High Landscape Value	An area of land in England which is considered to have a particular scenic value, and is therefore afforded a degree of local protection by local authorities.
AHMP	Aquatic Habitat Management Plan	A management plan for protecting aquatic habitats.
ALC	Agricultural Land Classification	A survey which provides information on soils and agricultural land quality.
AOD	Above Ordnance Datum	Used to indicate height above sea level using a constant reference point (Ordnance Datum Newlyn).
AONB	Area of Outstanding Natural Beauty	An area of countryside in England, Wales or Northern Ireland which has been designated for conservation due to its significant landscape value.
AQAL	Air Quality Assessment Level	The Air Quality Assessment Level (AQAL) can be an Air Quality Objective (AQO), EU limit or target value or the Environmental Agency Environmental Assessment level (EAL).
AQAP	Air Quality Action Plan	A plan that sets out the measures being taken to improve air quality and who is responsible for delivering them
AQMA	Air Quality Management Area	An area where the national air quality objectives are not likely to be achieved.
AQO	Air Quality Objective	The Air Quality Assessment Level (AQAL) can be an Air Quality Objective (AQO), EU limit or target value or the Environmental Agency Environmental Assessment level (EAL).
AR HMA	Arable Reversion Habitat Management Area	Management plan for reverting cultivated arable land to an uncultivated use.
ASA	Archaeological Survey Area	The area in which an archaeological survey has occurred.
BAP	Biodiversity Action Plan	An plan addressing threatened species and habitats designed to protect and restore biological systems.
BBPP	Breeding Bird Protection Plan	A document that sets out the measures to avoid or reduce the risk of adverse effects on breeding birds during the construction process.
BEIS	Department for Business, Energy and Industrial Strategy	Responsible for business, industrial strategy, and science/innovation with energy and climate change policy.
BGL	Below Ground Level	Depth relative to the existing ground level.

BGS	British Geological Survey	A world-leading geological survey advising the UK government on all aspects of geoscience.
BOA	Biodiversity Opportunity Area	Areas that present the best opportunity for enhancing biodiversity, often being buffers around existing reserves or linkages between existing sites.
BOAT's	Byway Open to All Traffic	A highway over which the public have a right of way for vehicular and all other kinds of traffic but which is used by the public mainly for the purposes for which footpaths and bridleways are used (i.e. walking, cycling or horse riding).
BTAL	Blue Transmission London Array Limited	A major electricity infrastructure owner.
BTO	British Trust for Ornithology	An organisation founded in 1932 for the study of birds in the British Isles.
CCAIP	Countryside and Coastal Access Improvement Plan	Kent's strategy for accessing and enjoying the countryside and coast on foot, on bike and on horseback.
CCC	Canterbury City Council	Canterbury City Council is a local government body.
CCIA	Climate Change Impact Assessment	An assessment to characterize, diagnose, and project risks or impacts of environmental change on people, communities, economic activities, infrastructure, ecosystems, or valued natural resources.
CCTV	Closed Circuit Television	The use of video cameras to transmit a signal to a specific place.
CEMP	Construction Environmental Management Plan	Outlines how a construction project will avoid, minimise or mitigate effects on the environment and surrounding area.
CHP	Combined Heat and Power	A power plant that generates electricity whilst also capturing usable heat that is produced in this process.
CHS HMA	Existing Cleve Hill Substation Habitat Management Area	To influence the management of habitats adjacent to other habitat management areas.
CHSPL	Cleve Hill Solar Park Limited	The Applicant.
CHSPL JV	Cleve Hill Solar Park Limited Joint Ventures	A joint venture formed by two solar industry specialists: Hive Energy Ltd and Wirsol Energy Ltd.
CJEU	Court of Justice of the European Union	The European Court of Justice, officially just the Court of Justice, is the supreme court of the European Union in matters of European Union law.
CLCBA	Canterbury Landscape Character and Biodiversity Appraisal	The CLCBA includes, for each LCA, guidelines for desirable future management of the LCA that would enhance it.
CLS	Core Landscape Study Area	The area in which the panels, compound, inverters, construction activity and mitigation is proposed.
CLVIA	Cumulative Landscape and Visual Impact Assessment	A document which assesses the cumulative effects of the Development in combination with other development.
CMLI	Chartered Member of the Landscape Institute	Chartered Membership (CMLI) of the Landscape Institute is the mark of quality and excellence for the profession..
CO	Carbon Monoxide	A chemical compound composed of one carbon and one oxygen atom.
CO₂	Carbon Dioxide	A chemical compound composed of one carbon and two oxygen atoms.

CoPA	Control of Pollution Act	Available at: http://www.legislation.gov.uk/ukpga/1974/40/contents
CRTN	Calculation of Road Traffic Noise	Available at: https://www.thenbs.com/PublicationIndex/documents/details?Pub=DOT&DocID=200484
CTMP	Construction Traffic Management Plan	A plan developed to mitigate and manage any adverse impacts of a construction process.
DAS	Discretionary Advice Service	A service provided by Natural England to give advice to developers.
dBA	A-weighted Decibel	An expression of the relative loudness of sounds in air as perceived by the human ear.
DBA	Desk Based Assessment	Assessment or research of relevant information from the desk or office.
DBBG	Dark Bellied Brent Goose	A species of goose of the genus Branta.
DC	Direct Current	An electric current flowing in one direction only.
DCLG	Department for Communities and Local Government	The UK Government department for housing, communities and local government in England.
DCO	Development Consent Order	Primary legislation providing consent for a project.
DEFRA	Department for Environment, Food and Rural Affairs	The government department responsible for environmental protection, food production and standards, agriculture, fisheries and rural communities in the United Kingdom of Great Britain and Northern Ireland.
DfT	Department for Transport	The government department responsible for the English transport network.
dML	deemed Marine Licence	The equivalent of planning permission for offshore permits.
DMRB	Design Manual for Roads and Bridges	A series of 15 volumes that provide standards, advice notes and other documents relating to the design, assessment and operation of trunk roads, including motorways in the United Kingdom.
DUKES	Digest of United Kingdom Energy Statistics	A comprehensive picture of energy production and use over the last 5 years, with key series taken back to 1970.
EA	Environment Agency	The Environment Agency is a non-departmental public body with responsibilities relating to the protection and enhancement of the environment in England.
EAL	Environmental Assessment Level	A chosen Air Quality Assessment Level (AQAL).
EC	European Commission	An institution of the European Union, responsible for proposing legislation, implementing decisions, upholding the EU treaties and managing the day-to-day business of the EU.
EcIA	Ecological Impact Assessment	An assessment used to predict and evaluate the impacts of development on ecosystems and their components, thereby providing the information needed to ensure that ecological issues are given full and proper consideration in development planning.
ECJ	European Court of Justice	The European Court of Justice, officially just the Court of Justice, is the supreme court of the European Union in matters of European Union law.
ECoW	Ecological Clerk of Works	A supervisory role to ensure that the construction works on a scheme are undertaken in accordance with legislation and best

		practice, project plans/assessments, EPS licence methodology & mitigation, and stakeholder/regulatory requirements.
EEA	European Economic Area	An international agreement which enables the extension of the European Union's single market to non-EU member parties.
EIA	Environmental Impact Assessment	A process of evaluating the likely environmental impacts of a proposed project or development, taking into account inter-related socio-economic, cultural and human-health impacts, both beneficial and adverse.
EMF	Electromagnetic Fields	A combination of invisible electric and magnetic fields of force.
EMI	Electromagnetic Interference	A disturbance generated by an external source that affects an electrical circuit by electromagnetic induction, electrostatic coupling, or conduction.
EPA	Environmental Protection Act	An Act of the Parliament of the UK that defines the fundamental structure and authority for waste management and control of emissions into the environment.
EPS	European Protected Species	Species legally protected under European law.
EPUK	Environmental Protection United Kingdom	A national charity that provides expert policy analysis and information on air quality, land quality and noise and their effects on people and communities in terms of a wide range of issues including public health, planning, transport, energy and climate.
ES	Environmental Statement	A publicly available document that sets out an assessment of the likely environmental effects of a proposed development.
FAS	Flight Activity Survey	A survey of bird activity using the vantage point watch method.
FGM HMA	Freshwater Grazing Marsh Habitat Management Area	An area of habitat management to promote freshwater grazing marsh habitats.
FoE	Friends of the Earth	Friends of the Earth International is an international network of environmental organizations in 74 countries.
FRA	Flood Risk Assessment	An assessment of the risk of flooding from all flooding mechanisms.
GCN	Great Crested Newt	A species of newt.
GDP	Gross Domestic Product	A monetary measure of the market value of all the final goods and services produced in a specific time period, often annually.
GIS	Geographical Information Systems	A system designed to capture, store, manipulate, analyse, manage, and present spatial or geographic data.
GLA	Greater London Authority	Also known as City Hall, is the devolved regional governance body of London, with jurisdiction over both counties of Greater London and the City of London.
GLVIA3	Guidelines for Landscape and Visual Impact Assessment	The third edition of Guidelines for Landscape and Visual Impact Assessment (GLVIA3) and came into force on 17 April 2013. This is a key resource for landscape professionals.
GREAT	Graveney Rural Environment Action Team	A group of local residents from Graveney who are opposed to the proposed solar park development.
GVA	Gross Value Added	The measure of the value of goods and services produced in an area, industry or sector of an economy.
GW	Gigawatts	1,000,000,000 Watts [A Unit of Power]

ha	Hectares	10,000 m ² For Example 100 m * 100 m
HE	Historic England	An executive non-departmental public body of the British Government tasked with protecting the historical environment of England by preserving and listing historic buildings, ancient monuments and advising central and local government.
HE	Highways England	The government-owned company charged with operating, maintaining and improving England's motorways and major A roads.
HER	Historical Environmental Records	HERs are a primary source of information for planning, development-control work, and land management that provide information on a wide variety of buildings and sites, from finds of prehistoric flint tools to medieval castles and Second World War pillboxes.
HGV	Heavy Goods Vehicles	The European Union (EU) term for any truck with a gross combination mass (GCM) of over 3,500 kilograms (7,716 lb).
HHIA	Human Health Impact Assessment	A combination of procedures, methods, and tools by which a policy, program, or project may be judged as to its potential effects on the health of a population, and the distribution of those effects within the population.
HMA	Habitat Management Area	A protected area set aside to maintain, conserve and restore species and habitats.
HMSG	Habitat Management Steering Group	A group comprising the Applicant, Natural England, Kent Wildlife Trust, the Royal Society for the Protection of Birds and the Environment Agency providing advice on habitat management proposals.
HPA	Health Protection Agency	The Health Protection Agency's role was to provide an integrated approach to protecting UK public health through the provision of support and advice to the NHS, local authorities, emergency services, other Arm's Length Bodies, the Department of Health and the others. The HPA became part of Public Health England in 2013.
HPIE	Habitats of Principal Importance in England	Habitats in England that were identified as requiring action in the UK Biodiversity Action Plan (UK BAP) and continue to be regarded as conservation priorities in the subsequent UK Post-2010 Biodiversity Framework.
HRA	Habitat Regulations Assessment	Advice on whether a plan or project is likely to have an impact on a European designated site and an outline and detailed proposals for mitigation in order to avoid impacts.
HSI	Habitat Suitability Index	Surveys carried out to determine habitat suitability for great crested newts.
HVAC	High Voltage Alternating Current	A high voltage electric current which periodically reverses direction.
IAQM	Institute of Air Quality Management	The largest professional body for air quality experts in the UK.
ICNIRP	International Commission on Non-Ionizing Radiation Protection	An international commission specialized in non-ionizing radiation protection.
IDB	Internal Drainage Board	A type of operating authority which is established in areas of special drainage need in England and Wales with permissive powers to undertake work to secure clean water drainage and water level management within drainage districts.
IECS	Institute of Estuarine and Coastal Studies	A multi-disciplinary research and consultancy organisation that focuses on estuarine and marine environment.

IEF	Important Ecological Feature	An ecological feature of significant importance.
IEMA	Institute of Environmental Management and Assessment	An international membership organisation, committed to global sustainability.
IoA	Institute of Acoustics	The UK's professional body for those working in Acoustics, Noise and Vibration.
IPC	Infrastructure Planning Commission	A non-departmental public body that was responsible for the examining and in certain circumstances the decision-making body for proposed nationally significant infrastructure projects in England and Wales before merging into the Planning Inspectorate in 2012.
ISO	International Organisation for Standardisation	An international standard-setting body composed of representatives from various national standards organizations.
IUCN	International Union for Conservation of Nature	An international organization working in the field of nature conservation and sustainable use of natural resources.
JNCC	Joint Nature Conservation Committee	The public body that advises the UK Government and devolved administrations on UK-wide and international nature conservation.
KBAP	Kent Biodiversity Action Plan	A plan aimed at conserving the fauna, flora and habitats - collectively referred to as biodiversity - of Kent.
KCC	Kent County Council	A county council that governs most of the county of Kent in England.
KHER	Kent Historic Environment Record	An extensive collection of information relating to Kent's heritage. The database contains information about 40,000 archaeological discoveries and 18,000 listed buildings, landscapes, excavations and library sources. The HER also contains more than 6,500 archaeological reports as well as aerial photographs and maps.
KMBRC	Kent and Medway Biological Records Centre	A centre that collects, collates and disseminates wildlife information for the County of Kent.
KRDB3	Kent Red Data Book	Data source for environmental information in Kent.
kV	Kilovolt	1,000 Volts [A unit of electrical potential]
KWT	Kent Wildlife Trust	A Trust set in place to protect wildlife across the county of Kent.
LAL	London Array Limited	A consortium of three world-leading renewable energy companies.
LAQM	Local Air Quality Management	Air quality guidance published by DEFRA.
LBAP	Local Biodiversity Action Plan	A plan aimed at conserving the fauna, flora and habitats - collectively referred to as biodiversity - of a defined area, usually along local authority boundary lines.
LBMP	Landscape and Biodiversity Management Plan	A co-ordinated approach to site management of landscape and biodiversity features associated with The Development.
LCA	Landscape Character Area	The process of identifying and describing variation in character of the landscape.
LDF	Long Distance Footpath	A long-distance trail is a longer recreational trail mainly through rural areas used for hiking, backpacking etc.
LDT	Long Distance Trails	Another name for a long-distance footpath.
LGM HMA	Lowland Grassland Meadow Habitat Management Area	Wildflower rich grassland habitat.

LGV	Large Goods Vehicles	The European Union (EU) term for any truck with a gross combination mass (GCM) of over 3,500 kilograms (7,716 lb).
LLFA	Lead Local Flood Authority	Authorities that are responsible for developing, maintaining and applying a strategy for local flood risk management in their areas and for maintaining a register of flood risk assets.
LNR	Local Nature Reserve	A statutory designation made under Section 21 of the National Parks and Access to the Countryside Act 1949 by principal local authorities.
LOAEL	Lowest Observed Adverse Effect Level	This is the level above which adverse effects on health and quality of life can be detected, but are not necessarily significant.
LoNI	Letters of No Impediment	Letters to confirm that there are not barriers to the issue of a protected species licence.
LPA	Local Planning Authority	The local government body that is empowered by law to exercise urban planning functions for a particular area.
LSE	Likely Significant Effect	An effect upon a receptor considered likely to be significant.
LVIA	Landscape and Visual Impact Assessment	Identifies the effects of new developments on views and on the landscape itself.
LWS	Local Wildlife Sites	Areas which are locally important for the conservation of wildlife.
MCIEEM	Member of the Chartered Institute of Environmental Management and Assessment	A member of the Chartered Institute of Ecology and Environmental Management is the professional body which represents and supports ecologists and environmental managers, mainly in the United Kingdom.
MCIfA	Member of Chartered Institute for Archaeologists	A member of the Chartered Institute for Archaeologists, a professional organisation for archaeologists working in the United Kingdom and overseas.
MCIHT	Member of Chartered Institution of Highways and Transportation	A member of the Chartered Institution of Highways & Transportation (CIHT), a charity, learned society and membership body with 12 UK regions and a number of international groups. CIHT represents and qualifies professionals who plan, design, build, manage and operate transport and infrastructure.
MCIWEM	Member of the Chartered Institution of Water and Environmental Management	A member of the Chartered Institution of Water and Environmental Management, an independent professional body and a registered charity in the United Kingdom that works internationally to advance the science and practice of water resource management and environmental resource management for sustainability.
MCZ	Marine Conservation Zone	A type of Marine Protected Area (MPA), designated under the Marine and Coastal Access Act 2009. MCZs protect areas that are important to conserve the diversity of nationally rare, threatened and representative habitats and species.
MEASS	Medway Estuary and Swale Strategy	A strategy for the future management of flood defences around the Medway Estuary and Swale for the next 100 years.
MHWS	Mean High Water Springs	The mean high-water springs (MHWS) is the highest level that spring tides reach on the average over a period of time (often 19 years).
MMO	Marine Management Organisation	An executive non-departmental public body in the United Kingdom established under the Marine and Coastal Access Act 2009.
MRF	Material Recycling Facility	A specialised plant that receives, separates and prepares recyclable materials for marketing to end-user manufacturers.

MRTPI	Member of the Royal Town Planning Institute	A member of the Royal Town Planning Institute, the principal body representing planning professionals in the United Kingdom and Ireland.
MSA	Mineral Safeguarding Area	An area designated by Minerals Planning Authorities which covers known deposits of minerals which are desired to be kept safeguarded from unnecessary sterilisation by non-mineral development.
MVA	Mega Volt Amps	Measure of electrical capacity equal to the product of the voltage times the current. Electrical equipment capacities are sometimes stated in MVA.
MW	Megawatts	1,000,000 watts [a unit of power]
MWh	Megawatt Hour	Equal to 1,000 kilowatts of electricity used continuously for one hour.
NBN	National Biodiversity Network	A collaborative partnership created to exchange biodiversity information. It is a charity, with a membership including many UK wildlife conservation organisations, government, country agencies, environmental agencies, local environmental records centres and many voluntary groups.
NCA	National Character Area	An area with similar landscape characteristics at a national level.
NCN	National Cycle Network	A series of traffic-free paths and quiet, on-road cycling and walking routes, that connect to every major town and city.
NCR	National Cycle Route	A network of signed paths and routes for walking, cycling and exploring outdoors.
NE	Natural England	The government's adviser for the natural environment in England.
NERC	Natural Environment and Rural Communities	An Act relating to the function of Natural England.
NETS	National Electricity Transmission System	The national electrical grid transmission system.
NGET	National Grid Electricity Transmission Plc	Owner of the UK electricity transmission network.
NGR	National Grid Reference	UK Ordnance Survey location reference.
NHLE	National Heritage List for England	The register of all nationally protected historic buildings and sites in England - listed buildings, scheduled monuments, protected wrecks, registered parks and gardens, and battlefields.
NMU	Non-Motorised Users	Someone using a route by non-motorised means e.g., walking or cycling, or a horse rider.
NNR	National Nature Reserve	Reserves of land to conserve and to allow people to study their wildlife, habitats or geological features of special interest
NO₂	Nitrogen Dioxide	A chemical compound composed of one nitrogen and two oxygen atoms.
NOEL	No Observed Effect Level	This is the level below which no effect can be detected. In simple terms, below this level, there is no detectable effect on health and quality of life.
NPPF	National Planning Policy Framework	The framework that sets out Government's planning policies for England and how these are expected to be applied.
NPS	National Policy Statements	Statements produced by the government that give reasons for the policy set out in the statement, and include an explanation of how

		the policy takes account of government policy relating to the mitigation of, and adaptation to, climate change.
NPSE	Noise Policy Statement for England	A statement that sets out the long-term vision of government noise policy, to promote good health and a good quality of life through the management of noise.
NRFA	National River Flow Archive	An archive which underpins hydrological research and water management activities in the UK, and delivers data and expertise to UK Government and international organisations.
NRMM	Non-Road Mobile Machinery	An item of transportable industrial equipment, or vehicle - with or without bodywork - that is not intended for carrying passengers or goods on the road.
NSIP	Nationally Significant Infrastructure Project	A major infrastructure development.
NTEM	National Trip End Model	A model that forecasts the growth in trip origin-destinations (or productions-attractions) up to 2051 for use in transport modelling.
ODPM	Office of the Deputy Prime Minister	A non-statutory office, only being formed when a deputy prime minister is appointed which consists of the staff members and advisers who assist the deputy prime minister in his or her role.
ONS	Office for National Statistics	The executive office of the UK Statistics Authority, a non-ministerial department which reports directly to the UK Parliament.
OS	Ordnance Survey	The national mapping agency for Great Britain.
PEA	Preliminary Ecological Appraisal	An initial assessment of ecological interest by a qualified ecologist.
PEIR	Preliminary Environmental Impact Report	An appraisal that establishes the baseline conditions and evaluates the importance of any ecological features present (or those that could be present) within the specified site.
PIA	Personal Injury Accident	An accident where a person gets hurt and it was someone else's fault.
PINS	Planning Inspectorate	An executive agency which deals with planning appeals, national infrastructure planning applications, examinations of local plans and other planning-related and specialist casework in England and Wales.
PIR	Passive Infra-Red	An electronic sensor that measures infrared (IR) light radiating from objects in its field of view.
PM10	Particulate Matter	The sum of all solid and liquid particles suspended in air many of which are hazardous.
PPG	Planning Practice Guidance	A policy document which sets out the government's planning policies for England and how these are expected to be applied.
PPG	Pollution Prevention Guidelines	The guidelines of the Planning Practice Guidance.
PPGN	Planning Policy Guidance Noise	Guidance that provides advise on how planning can manage potential noise effects in a new development.
PPV	Peak Particle Velocity	The velocity of a particle (real or imagined) in a medium as it transmits a wave.
PRoW	Public Rights of Way	Paths on which the public have a legally protected right to pass and re-pass.
PTS	Permanent Threshold Shift	A permanent shift in the auditory threshold.

PV	Photovoltaic	Conversion of Light into Electricity.
PWS	Private Water Supply	Any water supply which is supplied to a property that is not provided by a water company.
RBMP	River Basin Management Plan	A plan that sets out how organisations, stakeholders and communities will work together to improve the water environment.
RIAA	Report to Inform Appropriate Assessment	A document which presents information required under the Habitats Regulations to support the DCO application for the proposed Development.
RLCA	Regional Landscape Character Areas	Areas of land characterized by their different landscapes.
ROWIP	Rights of Way Improvement Plans	A plan that identifies changes that will improve provision for walkers, cyclists, horse riders and those with mobility problems.
RSPB	Royal Society for the Protection of Birds	A charitable organisation that focuses on the conservation of nature and specifically birds.
RVAA	Residential Visual Amenity Assessment	Residential amenity covers multiple potential effects of a development, including noise, dust, daylight, vibration, shadow flicker, outlook, and visual amenity.
SAC	Special Areas of Conservation	An area that is strictly protected under the EC Habitats Directive.
SBC	Swale Borough Council	A borough council that governs Swale.
SEA	Strategic Environmental Assessment	A systematic decision support process, aiming to ensure that environmental and possibly other sustainability aspects are considered effectively in policy, plan and program making.
SFRA	Strategic Flood Risk Assessment	An assessment to assess flood risk in your area, and the risks to and from surrounding areas.
SLCBA	Swale Landscape Character and Biodiversity Appraisal	A document relating to landscape and biodiversity in Swale.
SO₂	Sulphur Dioxide	A chemical compound composed of one sulphur and two oxygen atoms.
SOAEL	Significant Observed Adverse Effect Level	This is the level above which significant adverse effects on health and quality of life occur.
SoCC	Statement of Community Consultation	Statement of how an Applicant proposes to consult people living in the vicinity of a scheme about the new proposals.
SoS	Secretary of State	A Cabinet Minister within Her Majesty's Government of the United Kingdom who is in charge of a Government Department.
SPA	Special Protection Area	A protected area for wild birds.
SPA CNMP	Special Protection Area Construction Noise Management Plan	A document that sets out the measures to avoid or reduce the risk of adverse effects on birds during the construction process specifically regarding construction noise.
SRN	Strategic Road Network	The SRN in England is around 4,300 miles long and is made up of motorways and trunk roads, the most significant 'A' roads.
SSSI	Site of Special Scientific Interest	A conservation designation denoting an environmentally protected area.
SuDS	Sustainable Drainage System	Sustainable drainage systems aim to alleviate water management problems by storing or re-using surface water at source, by

		decreasing flow rates to watercourses and by improving water quality.
SWMP	Site Waste Management Plan	Plans that aim to reduce the amount of waste produced on construction sites by setting out how building materials, and any resulting waste, will be managed during a project.
TTRO	Temporary Traffic Regulation Order	An order made by the local government when it is necessary to temporarily stop or limit vehicular and/or pedestrian traffic along the highway.
TTS	Temporary Threshold Shift	A temporary hearing loss which recovers over a period of minutes to days after exposure.
UKPN	United Kingdom Power Networks	A distribution network operator for electricity covering South East England, the East of England and London.
UXO	Unexploded Ordnance	Explosive weapons (bombs, shells, grenades, land mines, naval mines, cluster munition, etc.) that did not explode when they were deployed and still pose a risk of detonation.
VP	Vantage Point	A place used for bird surveys, that provides a good, clear view of an area.
VPM	Vantage Point Method	The method used to undertake bird surveys using vantage points.
WCA	Wildlife and Countryside Act	An Act of Parliament in the United Kingdom implemented to comply with European Council Directive 2009/147/EC on the conservation of wild birds.
WeBS	Wetland Bird Survey	A Survey which monitors non-breeding water birds in the UK.
WFD	Water Framework Directive	An EU directive which commits European Union member states to achieve good qualitative and quantitative status of all water bodies by 2015.
WWII	World War Two	Also known as the Second World War, was a global war that lasted from 1939 to 1945.
ZOI	Zone of Influence	A zone influenced by a Development.
ZTV	Zone of Theoretical Visibility	A computer-generated tool to identify the likely (or theoretical) extent of visibility of a development.

3 STATEMENT OF REASONS

AOD	Above Ordnance Datum	Used to indicate height above sea level using a constant reference point (Ordnance Datum Newlyn).
APFP	Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009	Regulations guiding procedures and requirements of the NSIP process. Available at: http://www.legislation.gov.uk/uksi/2009/2264/contents/made
CHSPL	Cleve Hill Solar Park Limited	The Applicant.
DCLG	The Department for Communities and Local Government.	The UK Government department for housing, communities and local government in England.
DCO	Development Consent Order	Primary legislation providing consent for a NSIP project.
ECHR	European Convention on Human Rights	An international convention to protect human rights and political freedoms in Europe.
ha	Hectares	10,000 m ² For Example 100m * 100m
HMA	Habitat Management Area	A protected area set aside to maintain, conserve and restore species and habitats.
kV	Kilovolt	1,000 Volts [A Unit of electrical potential]
MW	Megawatts	1,000,000 Watts [A Unit of Power]
NETS	National Electricity Transmission System	The national electrical grid transmission system.
NGET	National Grid Electricity Transmission	Owner of the UK electricity transmission network.
NSIP	Nationally Significant Infrastructure Project	A major infrastructure development.
PA 2008	Planning Act 2008	Available at: http://www.legislation.gov.uk/ukpga/2008/29/contents
PV	Photovoltaic	Conversion of Light into Electricity.
SPA	Special Protection Area	Protected area for wild birds.
SSSI	Site of Special Scientific Interest	A conservation designation denoting a protected area.

4 FUNDING STATEMENT

APFP	Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009	Regulations guiding procedures and requirements of the NSIP process. Available at: http://www.legislation.gov.uk/uksi/2009/2264/contents/made
CHSPL	Cleve Hill Solar Park Limited	The Applicant.
DCO	Development Consent Order	Primary legislation providing consent for a project.
SOS	Secretary of State	A Cabinet Minister within Her Majesty's Government of the United Kingdom who is in charge of a Government Department.
PA 2008	Development Consent Order Application	Available at: http://www.legislation.gov.uk/ukpga/2008/29/contents
PV	Photovoltaic	Conversion of light into electricity.
MW	Megawatts	1,000,000 watts [a unit of power]

5 REPORT TO INFORM AN APPROPRIATE ASSESSMENT

AA	Appropriate Assessment	Step by step assessment process under the Habitats Regulations, triggered by the likelihood of significant effects.
AD	Anaerobic Digestion	The Breakdown of Organic Material by Micro-Organisms in The Absence of Oxygen
AR HMA	Arable Reversion Habitat Management Plan	Management plan for reverting cultivated arable land to an uncultivated use.
BEIS	Department for Business, Energy and Industrial Strategy	Responsible for business, industrial strategy, and science/innovation with energy and climate change policy.
CEMP	Construction Environmental Management Plan	Outlines how a construction project will avoid, minimise or mitigate effects on the environment and surrounding area.
CHSPL	Cleve Hill Solar Park Limited	The Applicant.
CNMP	Construction Noise Management Plan	A plan which defines the measures to control and limit noise emissions and vibration levels, at residential properties and other sensitive receptors in the vicinity of the Development.
cSAC	Candidate Special Area of Conservation	A candidate for the recognition of SAC which is an area that is strictly protected under the EC Habitats Directive.
CTMP	Construction Traffic Management Plan	A pre-set plan to prevent construction site vehicle incidents.
DAS	Discretionary Advice Service	Advice for developers on nationally significant infrastructure projects and applications for planning, permission in principle and technical details consent.
dba	A-weighted Decibel	An expression of the relative loudness of sounds in air as perceived by the human ear.
DCO	Development Consent Order	Primary legislation providing consent for a project.
DEMP	Decommissioning Environmental Management Plan	Outlines how the decommissioning of a project will avoid, minimise or mitigate effects on the environment and surrounding area.
EA	Environment Agency	The Environment Agency is a non-departmental public body with responsibilities relating to the protection and enhancement of the environment in England.
EEA	European Economic Area	An international agreement which enables the extension of the European Union's single market to non-EU member parties.
EIA	Environmental Impact Assessment	A process of evaluating the likely environmental impacts of a proposed project or development, taking into account inter-related socio-economic, cultural and human-health impacts, both beneficial and adverse.
ES	Environmental Statement	A publicly available document that sets out an assessment of the likely environmental effects of a proposed development.
FGM HMA	Freshwater Grazing Marsh	An area of habitat management to promote freshwater grazing marsh habitats.
ha	Hectares	10,000 M ² For Example 100m * 100m
HMA	Habitat Management Area	A protected area aiming to maintain, conserve and restore species and habitats.
HRA	Habitat Regulations Assessment	Advice on whether a plan or project is likely to have an impact on a European designated site and an outline and detailed proposals for mitigation in order to avoid impacts.
IECS	Institute of Estuarine and Coastal Studies	A multi-disciplinary research and consultancy organisation that focuses on estuarine and marine environment.

IROPI	Imperative Reasons of Overriding Public Interest	A factor in Habitat Regulations Assessment.
JNCC	Joint Nature Conservation Committee	The public body that advises the UK Government and devolved administrations on UK-wide and international nature conservation.
KWT	Kent Wildlife Trust	A Trust set in place to protect wildlife across the county of Kent.
LBMP	Landscape and Biodiversity Management Plan	A co-ordinated approach to site management of landscape and biodiversity features associated with the Development.
LGM HMA	Lowland Grassland Meadow Habitat Management Area	Wildflower rich grassland.
LPA	Local Planning Authority	The local government body that is empowered by law to exercise urban planning functions for a particular area.
LSE	Likely Significant Effect	A factor in Habitat Regulations Assessment.
MHWS	Mean High Water Springs	The highest level that spring tides reach on the average over a period of time.
NE	Natural England	The government's adviser for the natural environment in England.
NPPF	National Planning Policy Framework	The frame work that sets out government's planning policies for England and how these are expected to be applied.
PEIR	Preliminary Ecological Appraisal	An appraisal that establishes the baseline conditions and evaluates the importance of any ecological features present (or those that could be present) within the specified site.
PINS	Planning Inspectorate	An executive agency that deals with planning appeals, national infrastructure planning applications, examinations of local plans and other planning-related and specialist casework in England and Wales.
PPP	Pollution Prevention Plan	A systematic, comprehensive method of identifying and implementing pollution prevention options to minimise or avoid the creation of pollutants or waste.
pSACs	Possible Special Area of Conservation	An area with the possibility of being assigned as a SAC which is an area that is strictly protected under the EC Habitats Directive.
pSPAs	Potential Special Protection Area	Potential protected area for wild birds.
PTS	Permanent Threshold Shift	Permanent hearing loss.
PV	Photovoltaic	Conversion of light into electricity.
RIAA	Report to Inform Appropriate Assessment	A document which presents information required under the Habitats Regulations to support the DCO application for the proposed Development.
RIS	Ramsar Wetland Information Sheet	Provides essential data on all designated Wetlands of International Importance, baseline data for measuring changes in the ecological character of wetlands, and material for publications which inform the public about Ramsar sites.
RSPB	Royal Society for the Protection of Birds	A charitable organisation that focuses on the conservation of nature and specifically birds.
SAC	Special Areas of Conservation	An area that is strictly protected under the EC Habitats Directive.
SCI	Site of Community Importance	A site which, in the biogeographical region or regions to which it belongs, contributes significantly to the

		maintenance or restoration of a natural habitat type or of a species.
SOCG	Statement of Common Ground	A written statement containing factual information about the proposal which is the subject of the appeal that the appellant reasonably considers will not be disputed by the local planning authority.
SOS	Secretary of State	A Cabinet Minister within Her Majesty's Government of the United Kingdom who is in charge of a Government Department.
SPA	Special Protection Area	Protected Area for Wild Birds.
SSSI	Site of Special Scientific Interest	A conservation designation denoting a protected area.
TTS	Temporary Threshold Shift	A temporary hearing loss which recovers over a period of minutes to days after exposure.

6 STATEMENT IN RESPECT OF STATUTORY NUISANCE

APFP	Applications: Prescribed Forms and Procedure	Regulations guiding procedures and requirements of the NSIP process. Available at: http://www.legislation.gov.uk/ukxi/2009/2264/contents/made
CEMP	Construction Environmental Management Plan	Outlines how a construction project will avoid, minimise or mitigate effects on the environment and surrounding area.
DCO	Developmental Consent Order	Primary legislation providing consent for a project.
EIA	Environmental Impact Assessment	A process of evaluating the likely environmental impacts of a proposed project or development, taking into account inter-related socio-economic, cultural and human-health impacts, both beneficial and adverse.
EPA	Environmental Protection Act	An Act of the Parliament of the UK that as of 2008 defines, within England and Wales and Scotland, the fundamental structure and authority for waste management and control of emissions into the environment.
ES	Environmental Statement	A publicly available document that sets out an assessment of the likely environmental effects of a proposed development.
LBMP	Landscape and Biodiversity Management Plan	A co-ordinated approach to site management of landscape and biodiversity features associated with The Development.
MW	Megawatts	1,000,000 watts [a unit of power]
NRMM	Non-Road Mobile Machinery	An item of transportable industrial equipment, or vehicle - with or without bodywork - that is not intended for carrying passengers or goods on the road.
NSIP	Nationally Significant Infrastructure Project	A major infrastructure development.
PIR	Passive Infra-Red Sensor	An electronic sensor that measures infrared (IR) light radiating from objects in its field of view.
PV	Photovoltaic	Conversion of Light into Electricity

7 GRID CONNECTION STATEMENT

APFP	Applications: Prescribed Forms and Procedure	Regulations guiding procedures and requirements of the NSIP process. Available at: http://www.legislation.gov.uk/uksi/2009/2264/contents/made
CHSPL	Cleve Hill Solar Plant Limited	The Applicant.
DCO	Development Consent Order	Primary legislation providing consent for a project.
kV	Kilovolt	1,000 Volts [a unit of electrical potential]
MW	Megawatt	1,000,000 watts [a unit of power]
NETS	National Electricity Transmission System	The national electrical grid transmission system.
NGESO	National Grid Electricity System Operator	The Electricity System Operator (ESO) in Great Britain, that balances electricity supply and demand in real time
NGET	National Grid Electricity Transmission	Owner of the UK electricity transmission network.
NSIP	Nationally Significant Infrastructure Project	A major infrastructure development.

8 OUTLINE DESIGN PRINCIPLES

AGL	Above Ground Level	Used to indicate height relative to ground level rather than a constant reference point (such as ordnance datum).
CHSPL	Cleve Hill Solar Park Limited	The Applicant.
DCO	Development Consent Order	Primary legislation providing consent for a project.
ES	Environmental Statement	A publicly available document that sets out an assessment of the likely environmental effects of a proposed development.
ha	Hectares	10,000 m ² For Example 100m * 100m
kV	Kilovolt	1,000 Volts [a unit of electrical potential]
LPA	Local Planning Authority	The local government body that is empowered by law to exercise urban planning functions for a particular area.
ODP	Outline Design Principles	A document relating to the design of the Development that accompanies the DCO application.
PV	Photovoltaic	Conversion of Light into Electricity

9 MITIGATION SCHEDULE

BEIS	Department for Business, Energy and Industrial Strategy	Responsible for business, industrial strategy, and science/innovation with energy and climate change policy.
CTMP	Construction Traffic Management Plan	A pre-set plan to prevent construction site vehicle incidents.
DCO	Development Consent Order	Primary legislation providing consent for a project.
DRP	Decommissioning and Restoration Plan	A plan that sets out measures included in the Development design during construction and decommissioning phases to address dust generation.
EIA	Environmental Impact Assessment	A process of evaluating the likely environmental impacts of a proposed project or development, taking into account inter-related socio-economic, cultural and human-health impacts, both beneficial and adverse.
ES	Environmental Statement	A publicly available document that sets out an assessment of the likely environmental effects of a proposed development.
GLA	Greater London Authority	Also known as City Hall, is the devolved regional governance body of London, with jurisdiction over both counties of Greater London and the City of London.
NRMM	Non-Road Mobile Machinery	An item of transportable industrial equipment, or vehicle - with or without bodywork - that is not intended for carrying passengers or goods on the road.
NSIP	Nationally Significant Infrastructure Project	A major infrastructure development.
PROW	Public Rights of Way	Paths on which the public have a legally protected right to pass and re-pass.
PV	Photovoltaic	Conversion of Light into Electricity

10 STATEMENT OF NEED

CCS	Carbon Capture & Storage	A technology that can capture up to 90% of the carbon dioxide (CO ₂) emissions produced from the use of fossil fuels in electricity generation and industrial processes, preventing the carbon dioxide from entering the atmosphere.
CHSP	Cleve Hill Solar Park	The Development.
DCO	Development Consent Order	Primary legislation providing consent for a project.
ETYS	Electricity Ten Year Statement	A part of the annual electricity transmission planning cycle, and shows the likely future transmission requirements of bulk power transfer capability of the National Electricity Transmission System based on Future Energy Scenarios.
EV	Electric Vehicles	A vehicle that uses one or more electric motors or traction motors for propulsion.
FES	Future Energy Scenarios	A publication that provides transparent, holistic paths through future, uncertain energy landscapes.
GSPs	Grid Supply Points	A point of supply from the national transmission system to the local system of the distribution network operator.
GW	Gigawatts	1,000,000,000 Watts [A Unit of Power]
HVDC	High Voltage Direct Current	An electric power transmission system that uses direct current for the bulk transmission of electrical power, in contrast with the more common alternating current systems.
IRR	Internal Rate of Return	A metric used in capital budgeting to estimate the profitability of potential investments.
kV	Kilovolt	1,000 Volts [a unit of electrical potential]
LCOE	Levelised Cost of Energy	Represents the average revenue per unit of electricity generated that would be required to recover the costs of building and operating a generating plant during an assumed financial life and duty cycle.
MW	Megawatts	1,000,000 watts [a unit of power]
NETS	National Electricity Transmission System	The national electrical grid transmission system.
NIC	National Infrastructure Commission	Provides independent, impartial advice on the UK's long-term infrastructure needs.
NOA	Network Options Assessment	A publication which Recommends which options and when the Transmission Owners (TOs) should invest in them, so their transmission networks can manage risk in an uncertain world and whether TOs should delay or continue current projects to make sure they are completed at a time that will deliver the most benefit.
NPS	National Policy Statements	Statements that give reasons for the policy set out in the statement, and must include an explanation of how the policy takes account of government policy relating to the mitigation of, and adaptation to, climate change.
PPA	Power Purchase Agreement	Agreements in place for projects that are owned and operated by entities that supply electricity to a customer, typically an electric utility, at a fixed price per unit of electricity delivered.
RES	Renewable Energy Sources	A natural resource which will replenish to replace the portion depleted by usage and consumption, either through natural reproduction or other recurring processes in a finite amount of time in a human time scale.

SQSS	Security and Quality of Supply Standards	A set of criteria and methodology for planning and operating the National Electricity Transmission System (NETS).
UKPN	UK Power Networks	A distribution network operator for electricity covering South East England, the East of England and London.

11 PLANNING STATEMENT

AHLV	Area of High Landscape Value	An area of land in England which is considered to have a particular scenic value, and is therefore afforded a degree of local protection by local authorities.
ALC	Agriculture Land Classification Survey	A survey which provides information on soils and agricultural land quality.
AONB	Area of Outstanding Natural Beauty	An area of countryside in England, Wales or Northern Ireland which has been designated for conservation due to its significant landscape value.
AQMA	Air Quality Management Area	An area where the national air quality objectives are not likely to be achieved.
ASA	Archaeological Survey Area	The area in which an archaeological survey has occurred.
BEIS	Department for Business, Energy and Industrial Strategy	Responsible for business, industrial strategy, and science/innovation with energy and climate change policy.
BMV	Best and Most Versatile	Land of high agricultural quality.
BNEF	Bloomberg New Energy Finance	A research organization that helps energy professionals generate opportunities.
CCMA	Coastal Change Management Area	Any area likely to be affected by physical changes to the coast.
CEMP	Construction Environmental Management Plan	Outlines how a construction project will avoid, minimise or mitigate effects on the environment and surrounding area.
CoPA 1974	Control of Pollution Act 1974	Available at: http://www.legislation.gov.uk/ukpga/1974/40/contents
DCO	Development Consent Order	Primary legislation providing consent for a project.
EA	Environmental Agency	The Environment Agency is a non-departmental public body with responsibilities relating to the protection and enhancement of the environment in England.
EIA	Environmental Impact Assessment	A process of evaluating the likely environmental impacts of a proposed project or development, taking into account inter-related socio-economic, cultural and human-health impacts, both beneficial and adverse.
EPA 1990	Environmental Protection Act 1990	An Act of the Parliament of the UK that defines, within England and Wales and Scotland, the fundamental structure and authority for waste management and control of emissions into the environment.
ES	Environmental Statement	A publicly available document that sets out an assessment of the likely environmental effects of a proposed development.
FES	Future Energy Scenarios	A publication that provides transparent, holistic paths through future, uncertain energy landscapes.
GW	Gigawatts	1,000,000,000 Watts [A Unit of Power]
ha	Hectares	10,000 m ² For Example 100m * 100m
IEF	Important Ecological Feature	An ecological feature of significant importance.
IPC	Infrastructure Planning Commission	A non-departmental public body that was responsible for the examining and in certain circumstances the decision-making body for proposed nationally significant infrastructure projects in England and Wales before merging into the Planning Inspectorate in 2012.
LVIA	Landscape and Visual Assessment	Identifies the effects of new developments on views and on the landscape itself.

LWS	Local Wildlife Sites	Areas which are locally important for the conservation of wildlife. They are identified and selected for the significant habitats and species that they contain.
MCZ	Marine Conservation Zones	These zones protect areas that are important to conserve the diversity of nationally rare, threatened and representative habitats and species.
MEASS	Medway Estuary and Swale Strategy	A strategy for the future management of flood defences around the Medway Estuary and Swale for the next 100 years.
MW	Megawatts	1,000,000 watts [a unit of power]
NEO	New Energy Outlook	Annual long-term economic analysis of the world's power sector out to 2050.
NETS	National Electricity Transmission System	The national electrical grid transmission system.
NGET	National Grid Electricity Transmission	Owner of the UK electricity transmission network.
NIC	National Infrastructure Commission	Provides independent, impartial advice on the UK's long-term infrastructure needs.
NNR	National Nature Reserve	Land set apart to protect some of the most important habitats, species and geology, and to provide outdoor laboratories for research.
NPPF	National Planning Policy Framework	The framework that sets out government's planning policies for England and how these are expected to be applied.
NPS	National Policy Statements	Statements which provide the reasons for the policy set out in the statement, and must include an explanation of how the policy takes account of government policy relating to the mitigation of, and adaptation to, climate change.
NRMM	Non-Road Mobile Machinery	An item of transportable industrial equipment, or vehicle - with or without bodywork - that is not intended for carrying passengers or goods on the road.
NSIP	Nationally Significant Infrastructure Project	A major infrastructure development.
PEIR	Preliminary Environmental Impact Report	An appraisal that establishes the baseline conditions and evaluates the importance of any ecological features present (or those that could be present) within the specified site.
PINS	Planning Inspectorate	An executive agency which deals with planning appeals, national infrastructure planning applications, examinations of local plans and other planning-related and specialist casework in England and Wales.
PPG	Planning Practice Guidance	A policy document which sets out the government's planning policies for England and how these are expected to be applied.
PRoW	Public Right of Ways	Paths on which the public have a legally protected right to pass and re-pass.
PV	Photovoltaic	Conversion of light into electricity
RIAA	Report to Inform Appropriate Assessment	A document which presents information required under the Habitats Regulations to support the DCO application for the proposed Development.
SACs	Special Areas of Conservation	An area protected under the EC Habitats Directive.
SAMM	Strategic Management and Monitoring	Mitigation measures for the Coastal Special Protection Areas and Ramsar Sites.
SOS	Secretary of State	A Cabinet Minister within Her Majesty's Government of the United Kingdom who is in charge of a Government Department.

SPA	Special Protection Area	Protected area for wild birds
SPD	Supplementary Planning Document	A planning document providing additional information, usually on a specific topic or topics.
SSSI	Site of Special Scientific Interest	A conservation designation denoting a protected area.

12 HERITAGE STATEMENT

ASA	Archaeological Survey Area	The area in which an archaeological survey has occurred.
DCO	Development Consent Order	Primary legislation providing consent for a project.
EIA	Environmental Impact Assessment	A process of evaluating the likely environmental impacts of a proposed project or development, taking into account inter-related socio-economic, cultural and human-health impacts, both beneficial and adverse.
ES	Environmental Statement	A publicly available document that sets out an assessment of the likely environmental effects of a proposed development.
NETS	National Electricity Transmission System	The national electrical grid transmission system.
NPPF	National Planning Policy Framework	The framework that sets out government's planning policies for England and how these are expected to be applied.
ZTV	Zone of Theoretical Visibility	A computer-generated tool to identify the likely (or theoretical) extent of visibility of a development.