

# Light Valley Solar

## Contents, Glossary and Abbreviations

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Light Valley  
Solar

# Infrastructure Planning

## Planning Act 2008

### The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009

# Light Valley Solar

## DCO Submission

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## Contents, Glossary and Abbreviations

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## **Volume 4: Non-Technical Summary**

Non-Technical Summary

## Glossary of Abbreviations

Abbreviation	Definition
°C	Degree Celsius
°C	degree Celsius
AA	Appropriate Assessment
AADT	Annual Average Daily Traffic
AAWT	Annual Average Weekday Traffic
ABC Method	Assessment method in BS5228 for construction noise thresholds
AC	Alternating current
ACoW	Archaeological Clerk of Works
ADS	Archaeology Data Service
AEGL	Acute Exposure Guidance Level
AEWA	Agreement on the Conservation of African-Eurasian Migratory Waterbirds
agl	Above Ground Level
AIA	Arboricultural Impact Assessment
AIL	Abnormal Indivisible Load
AIMS	Active Ignition Mitigation System
ALC	Agricultural Land Classification
ALS	Abstraction Licensing Strategies
AMS	Archaeological Mitigation Strategy
ANC	Association of Noise Consultants
AOD	Above Ordnance Datum
AONB	Area of Outstanding Natural Beauty
APIS	Air Pollution Information System
AQMA	Air Quality Management Area
ArbMS	Arboricultural Method Statement
ASF	Adult Skills Fund
ASHE	Annual Survey of Hours and Earnings
AStGWF	Areas Susceptible to Groundwater Flooding
ATC	Automatic Traffic Count
ATI	Ancient Tree Inventory
AVR	Accurate Visual Representation
AVT	Ancient and Veteran Trees
AW	Ancient Woodland

Abbreviation	Definition
AWB	Artificial water bodies
BAP	Biodiversity Action Plan
BDC	Bird-day calculations
BEIS	Department for Business, Energy & Industrial Strategy
BESS	Battery Energy Storage System
BGL	Below Ground Level
BGS	British Geological Survey
BMA	Bird Mitigation Area
BMS	Battery Management System
BMV	Best and Most Versatile
BNG	Biodiversity Net Gain
BNL	Basic Noise Level
BOCC	Birds of Conservation Concern
BPM	Best Practicable Means
BRE	Building Research Establishment
BRES	Business Register and Employment Survey
BS	British Standards
BSI	British Standards Institution
BTEC	Business and Technology Education Council
BTO	British Trust for Ornithology
CAT	Cable Avoidance Tool
CC	Cable Corridor
CCC	Climate Change Committee
CCGT	Combined Cycle Gas Turbine
CCR	Climate Change Resilience
CCRA	Climate Change Resilience Assessment
CCS	Considerate Constructors Scheme
CCTV	Closed-Circuit Television
CEA	Cumulative effects assessment
CEMP	Construction Environmental Management Plan
CEZ	Construction Exclusion Zone
CIEEM	Chartered Institute of Ecology and Environmental Management
CIRIA	Construction Industry Research and Information Association
CNP	Critical National Priority
CO <sub>2</sub>	Carbon dioxide

Abbreviation	Definition
COBAA	Certificate of Bat Acoustics Analysis
CoCP	Code of Construction Practice
CoPA	Control of Pollution Act
CPRE	Campaign to Protect Rural England
CRoW	Countryside and Rights of Way
CRT	Canal and River Trust
CRTN	Calculation of Road Traffic Noise
cSAC	Candidate Special Area of Conservation
CSM	Conceptual Site Model
CSWMP	Construction Surface Water Management Plan
CTMP	Construction Traffic Management Plan
DAS	Discretionary Advice Service
DAD	Design Advice Document
DAFOR	Dominant (D), Abundant (A), Frequent (F), Occasional (O) or Rare (R)
dB	Decibel
DBW	Daytime Bat Walkovers
DC	Direct current
DCO	Development Consent Order
DDT	Dichlorodiphenyltrichloroethane
DEFRA	Department for Environment, Food and Rural Affairs
DEMP	Decommissioning Environmental Management Plan
DER	Distributed Energy Resource
DESNZ	Department for Energy Security and Net Zero
DfT	Department for Transport
DLC	Damage Limiting Construction
DLL	District Level Licensing
DM	Do Minimum scenario
DMMO	Definitive Map Modification Orders
DMRB	Design Manual for Roads and Bridges
DrWPA	Drinking Water Protected Areas
DSEAR	Dangerous Substances and Explosive Atmospheres Regulations 2002
DSM	Digital Surface Model
DTM	Digital Terrain Model
DTMP	Decommissioning Traffic Management Plan
EA	Environment Agency

Abbreviation	Definition
ECML	East Coast Main Line
ECoW	Ecological Clerk of Works
EEA	European Economic Area
EIA	Environmental Impact Assessment
EIP	Environment Improvement Plan
ELC	European Landscape Convention
ELV	End-of-life Vehicles
EMF	Electromagnetic Fields
EMP	Environmental Management Plan
EnvCoW	Environmental Clerk of Works
EPS	European Protected Species
EPSL	European Protected Species Licence
EPSS	Emergency Power Supply System
EPUK	Environmental Protection UK
ERA	Explosion Risk Analysis
ERP	Emergency Response Plan
ES	Environmental Statement
ESS	Energy Storage System
EU	European Union
ExA	Examining Authority
FAR	Further assessment required to establish if PRFs are present in the tree
FAT	Factory Acceptance Testing
FCD	Field Capacity Day
FDS	Fire Dynamics Simulator
FES	Future Energy Scenarios
FFL	Finished Floor Level
FLL	Functionally Linked Land
FMEA	Failure Modes and Effects Analysis
FoV	Field of View
FRA	Flood Risk Assessment
FSS	Fire Suppression System
FTE	Full Time Equivalent
FWEP	Flood Warning and Evacuation Plan
GA	General Aviation
GCN	Great crested newt

Abbreviation	Definition
GG104	GG104 – Provides a framework for identifying hazards, assessing safety risks and assuring safety risk governance
GHG	Greenhouse Gas
GLVIA3	Guidelines for Landscape and Visual Impact Assessment, 3 <sup>rd</sup> Edition
GLTA	Ground Level Tree Assessment
GVA	Gross Value Added
GW	Gigawatt
GWDTE	Groundwater Dependent Terrestrial Ecosystem
GWh	gigawatt-hour
GWMUs	Groundwater Management Units
GWP	Global Warming Potential
HAZOP	Hazard and Operability Analysis
HCA	Homes and Communities Agency
HCl	Hydrogen chloride
HCN	Hydrogen cyanide
HDD	Horizontal Directional Drilling
HER	Historic Environment Record
HEWRAT	Highways England Water Risk Assessment Tool
HF	Hydrogen fluoride
HGV	Heavy Goods Vehicle
HIA	Highways Improvements Areas
HIS	Habitat Suitability Index
HLC	Historic Landscape Characterisation
HMA	Hazard Mitigation Analysis
HMWB	Heavily Modified Water Bodies
HNC	Higher National Certificate
HoF	Hands-off Flow
HPI	Habitat of Principal Importance
HRA	Habitat Regulations Assessment
HSE	Health and Safety Executive
HSI	Habitat Suitability Index
HV	High Voltage
HVAC	Heating, Ventilation and Air-Conditioning
IACPC	Impact Assessment and Conservation Payment Certificate
IAQM	Institute of Air Quality Management

Abbreviation	Definition
ICCI	In-combination Climate Change Impact
ICE	Inventory of Carbon & Energy
ICNIRP	International Commission on Non-Ionizing Radiation Protection
ICU	Integrated Conversion Unit
IDB	Internal Drainage Board
IEMA	Institute of Environmental Management and Assessment
IGP	Island Green Power [parent company name]
IGP	Integrated Growth Plan
IMD	Index of Multiple Deprivation
INNS	Invasive Non-native Species
IoD	Index of Deprivation
IP	Ingress Protection
IROPI	Imperative Reason of Overriding Public Interest
IRZ	Impact Risk Zone
ISEP	Institute of Sustainability and Environmental Professionals
ISO	International Organization for Standardization
IUCN	International Union for Conservation of Nature
JNCC	Joint Nature Conservation Committee
Km	kilometres
kV	Kilovolt
LA10,18hr	Sound level exceeded for 10% of the time over 18 hours (dB)
LA90	Background Sound Level
LA90,T	Sound level exceeded for 90% of the time over period T (dB)
LAeq	Equivalent Continuous Sound Levels
LAm <sub>ax</sub>	Maximum Sound Level
LB	Listed Building
LCA	Landscape Character Area
LCT	Landscape Character Type
LDS	Local Development Scheme
LEL	Lower Explosive Limit
LEMP	Landscape and Ecological Management Plan
LEP	Local Enterprise Partnership
LETI	Low Energy Transformation Initiative
LFP	Lithium Iron Phosphate
LGV	Light Goods Vehicle

Abbreviation	Definition
LHA	Local Highways Authority
LHB	Left Hand Bank
LI	Landscape Institute
LiDAR	Light Detection and Ranging
LILA	Locally Important Landscape Area
LLFA	Lead Local Flood Authority
Lnight,outside	Night-time noise level outside (dB)
LNR	Local Nature Reserve
LOAEL	Lowest Observed Adverse Effect Level
LPA	Local Planning Authority
LRN	Local Road Network
LSE	Likely Significant Effect
LSFT	Large Scale Fire Testing
LSOA	Lower Layer Super Output Area, a geographic area used for statistical purposes, typically containing around 1,500 people
LV	Low Voltage
LVIA	Landscape and Visual Impact Assessment
LVS	Light Valley Solar
LWS	Local Wildlife Site
m	metres
MAGIC	Multi-Agency Geographic Information for the Countryside
MCIfA	Member of the Chartered Institute of Archaeologists
MIDAS	Monument Inventory Data Standard
MtCO <sub>2</sub> e	megatonnes of carbon dioxide equivalent
MV	Medium Voltage
MW	Megawatt
MWMP	Materials and Waste Management Plan
NaFRA2	National Flood Risk Assessment 2
NBN	National Biodiversity Network
NBWs	Nighttime Bat Walkover
NCA	National Character Area
NCN	National Cycle Network
NDC	Nationally Determined Contribution
NE	Natural England
NERC	Natural Environment and Rural Communities
NEYEDC	North and East Yorkshire Ecological Data Centre

Abbreviation	Definition
NFCC	National Fire Chiefs Council
NFPA	National Fire Protection Association
NFPA	National Fire Protection Agency
NGET	National Grid Electricity Transmission
NH	National Highways
NH3	Ammonia
NHLE	National Heritage List for England
NIA	Noise Important Area
NNR	National Nature Reserve
NO2	Nitrogen dioxide
NPPF	National Planning Policy Framework
NPPG	National Planning Practice Guidance
NPS	National Policy Statement
NPSE	Noise Policy Statement for England
NSIP	Nationally Significant Infrastructure Project
NSN	National Site Network
NSR	Noise Sensitive Receptor
NTS	Non-technical summary
NVQ	National Vocational Qualification
NVZ	Nitrate vulnerable zone
NYC	North Yorkshire Council
NYFRS	North Yorkshire Fire and Rescue Service
NYHER	North Yorkshire Historic Environment Record
oBMAMP	Outline Bird Mitigation Area Management Plan
oBSMP	Outline Battery Safety Management Plan
oCEMP	Outline Construction Environmental Management Plan
oCTMP	Outline Construction Traffic Management Plan
OD	Ordnance Datum
oDEMP	Outline Decommissioning Environmental Management Plan
OEM	Outline Environmental Masterplan
oLEMP	Outline Landscape and Ecological Management Plan
ONS	Office of National Statistics
oOEMP	Outline Operational Environmental Management Plan
oPRoWMP	Outline Public Rights of Way Management Plan
OS	Ordnance Survey
oSRMP	Outline Soil Resource Management Plan

Abbreviation	Definition
oSSCEP	Outline Skills, Supply Chain and Employment Plan
OWS	Oil Water Separation
PAS 2080	PAS:2080 Carbon Management in Infrastructure and Built Environment - Specifies the requirements for the management of whole-life carbon in buildings and infrastructure
PC	Principal Contractor
PCR	Polymerase Chain Reaction
PDA	Potential Development Areas
PEI	Preliminary Environmental Information
PEIR	Preliminary Environmental Information Report
PFOS	Perfluorooctane sulphonate
PINS	Planning Inspectorate
PM10 and PM2.5	Particulate matter
POC	Point of connection
PPE	Personal Protective Equipment
PPG	Planning Practice Guidance
PPV	Peak Particle Velocity
PRA	Preliminary Risk Assessment
PRF-I	A tree with at least one PRF present
PRF-M	A tree that is suitable for multiple bats and may therefore be used by a maternity colony
PRoW	Public Right of Way
PRoWMP	Public Rights of Way Management Plan
PRS	Private Rented Sector
pSPA	Proposed Special Protection Area
PSRP	Pollution and Spillage Response Plan
PV	Photovoltaic
PWM	Precautionary Working Methods
RAMS	Risk Assessment Method Statement
RBD	River Basin District
RBMP	River Basin Management Plan
RCP	Representative Concentration Pathway
RCP8.5	Representative Concentration Pathway 8.5
RHB	Right Hand Bank
RICS	Royal Institution of Chartered Surveyors
RNAG	Reasons for Not Achieving Good
RPA	Root Protection Area

Abbreviation	Definition
RPG	Registered Park and Garden
RRO	Regulatory Reform Order
RSPB	Royal Society for the Protection of Birds
RVAA	Residential Visual Amenity Assessment
SAC	Special Area of Conservation
SAFFA	Salmon and Freshwater Fisheries Act
SCA	Special Conservation Areas
SCADA	Supervisory Control and Data Acquisition
SCI	Site of Community Importance
SDS	Solar Development Site
SF6	Sulphur hexafluoride
SFRA	Strategic Flood Risk Assessment
SGHAT	Solar Glare Hazard Analysis Tool
SIL	Safety Integrity Level
SINC	Sites Important for Nature Conservation
SM	Scheduled Monument
SMART	Specific, Measurable, Attainable, Realistic, and Timely
SME	Subject Matter Expert
SOAEL	Significant Observed Adverse Effect Level
SOC	State of Charge
SOCC	Statement of Community Consultation
SOH	State of Health
SOM	Soil Organic Matter
SoPI	Species of Principal Importance
SoS	Secretary of State
SPA	Special Protection Area
SPZ	Source Protection Zone
SRA	Safety Risk Assessment
SRMP	Soil Resources Management Plan
SRN	Strategic Road Network
SSAR	Site Selection Assessment Report
SSCE	Skills, Supply Chain and Employment
SSCEP	Skills, Supply Chain and Employment Plan
SSG	Sherwood Sandstone Group
SSRI	Site Specific Risk Information
SSSI	Site of Special Scientific Interest

Abbreviation	Definition
STEM	Science, Technology, Engineering and Mathematics
SuDS	Sustainable Urban Drainage Systems
SWMP	Site Waste Management Plan
TA	Transport Assessment
tCO <sub>2</sub> e	Tonnes carbon dioxide equivalent
tCO <sub>2</sub> e y-1	tonnes of carbon dioxide equivalent per year
TGN	Technical Guidance Note
TMS	Thermal Management System
TP	Transport Plan
TPO	Tree Protection Order
TRPP	Thermal Runaway Propagation Prevention
TTM	Temporary Traffic Management
TWA	Transport and Works Act
UK	United Kingdom
UKAS	United Kingdom Accreditation Service
UKCP	United Kingdom Climate Projections
UKCP18	United Kingdom Climate Projections 18
EKEAP	UK Eutrophying & Acidifying Atmospheric Pollutants
UKPN	United Kingdom Power Networks
UL	Underwriters Laboratory
UNECE	United Nations Economic Commission Europe
UNFCCC	United Nations Framework Convention on Climate Change
UPD	Updated Project Design
UPS	Uninterruptible Power Supply
UURs	Unsurfaced Unclassified Roads
VP	Viewpoint
WC	Wetness Class
WCA	Wildlife and Countryside Act
WDTE	Water Dependent Terrestrial Ecosystems
WeBS	Wetland Bird Survey
WEEE	Waste Electrical and Electronic Equipment Recycling
WEL	Workplace Exposure Limit
WER	Water Environment Regulations
WFD	Water Framework Directive
WHO	World Health Organization
WRMU	Water Resource Management Units

Abbreviation	Definition
YCHER	York City Historic Environment Record
YNYCA	York and North Yorkshire Combined Authority
YOC	York Ornithological Club
YW	Yorkshire Water
ZOI	Zone of Influence
ZTV	Zone of Theoretical Visibility
ZVI	Zone of Visual Influence

## Definitions of Frequently Used Terms

Term	Definition
Above Ordnance Datum	A standard reference for elevation
Access Tracks	Routes within the site used for construction, maintenance, and operational access.
Ancillary Buildings	The office, storage and plant buildings which may be located within the Solar Development Site.
Ancillary Infrastructure	Works that are ancillary to the Proposed Development, including enclosure and boundary treatment, security and monitoring infrastructure, landscaping and biodiversity measures including planting, drainage and irrigation works, signage, earthworks, and access including Permissive Paths.
Applicant	Light Valley Solar Ltd
Arboricultural Impact Assessment	A survey and report assessing the impact of development on trees and woodlands
Associated Development	Development which is associated with a Nationally Significant Infrastructure Project, as defined in the Planning Act 2008 and associated guidance.
Avoidance Areas	Areas where non-intrusive installation methods (such as trenchless techniques) will be used to avoid impact to sensitive features.
Baseline Conditions	The environment as it appears (or would appear) immediately prior to the implementation of the Proposed Development together with any known or foreseeable future changes that will take place before completion of the Proposed Development.
Battery Energy Storage System (BESS)	Battery Energy Storage Systems (BESS), is used to describe the battery storage installation to allow for the storage, importation, and exportation of energy to the National Grid. For the purposes of the Environmental Impact Assessment, it has been assumed battery technology will be adopted for the BESS.
BESS Compound	The area within Solar Development Site 2 that will include the Battery Energy Storage System (BESS)
BESS Enclosures	The protective structure that houses the batteries.
Cable Circuit	An electrical conductor necessary to transmit electricity between two points within the Proposed Development and may include one or more auxiliary cables for the purpose of gathering monitoring data, earthing cables, cables for auxiliary supply, optical fibre and other types of communication cables, cables connecting to direct current boxes.
Cable Construction Compound	Temporary areas used during construction, comprising areas of hardstanding, car parking, areas to store materials and

Term	Definition
	equipment, waste management, security infrastructure including fencing, lighting and cameras etc.
Cable Corridor Options Area	The route for the proposed underground cables connecting the Solar Development Sites, BESS and the Customer Substation.
Cable Route Corridor	The area in which Grid Connection Cables and Interconnecting Cables would be located.
Construction Compound	Temporary areas used during construction, comprising areas of hardstanding, car parking, areas to store materials and equipment, waste management, security infrastructure including fencing, lighting and cameras etc.
Construction Environmental Management Plan	A plan outlining measures to manage and mitigate environmental impacts during construction
Construction Phase	The period of constructing the Proposed Development including enabling and commissioning works.
Conversion Units	Conversion Units incorporate the inverters, transformers and switchgear and are required to manage the electricity generated by the PV Panels. These would either be standalone equipment, or they would be housed ('integrated') together within a container.
Cumulative Effects	Effects upon the environment that result from the incremental impact of an action when added to other past, present or reasonably foreseeable actions. Each impact by itself may not be significant but can become a significant effect (in EIA terms) when combined with other impacts.
Decommissioning Phase	The process of decommissioning the Proposed Development including the removal of the Solar PV Array including PV Modules, Mounting Structures, Inverters and Transformers, the BESS and Customer Substation.
Development Consent Order (DCO)	The application for a Development Consent Order (DCO) to be submitted by The Applicant for the Proposed Development.
Digital Surface Model	A 3D representation of the Earth's surface
Electromagnetic Field (EMF)	Property of space caused by the motion of an electric charge and is the product of mutual interaction between electric fields and magnetic fields. A such, these are produced in the surrounding area of anywhere there is an electric current.
Environmental Effect	The consequence of an action (impact) upon the environment.
Environmental Impact	The change in the environment from a development such as the removal of a hedgerow.
Environmental Impact Assessment (EIA)	A process, underpinned by legislation, by which information about environmental effects of a proposed development is collected, assessed and used to inform decision making. For certain projects, EIA is a statutory requirement.

Term	Definition
Environmental Impact Assessment (EIA) Regulations	Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (as amended) that give planning authorities a means of ensuring that they can take account of the environmental, economic and social implications of individual developments in their decisions on planning applications.
Environmental Impact Assessment (EIA) Scoping Report	The process of identifying the issues to consider within the PEIR/ES and establishing the scope of the assessment, is known as ‘scoping’. Although scoping is not a mandatory requirement under the EIA Regulations, it is recognised as a useful preliminary procedure which helps to identify the main effects that a Proposed Development is likely to have on the environment.
Environmental Statement	A document presenting the findings of the EIA
European Landscape Convention	A Council of Europe treaty promoting landscape protection, management, and planning
Fixed South Facing PV Arrays	Solar photovoltaic (PV) tables that face south and are mounted to fixed Mounting Structures in an east/west configuration.
Flood sensitive equipment	Assets or infrastructure that would be adversely affected by, and cannot tolerate, flooding. This includes Substations, BESS and Integrated Conversion Units.
Generating Station	The elements of the Proposed Development that generate the electricity output, namely: solar modules fitted to mounting structures; DC electrical cabling; Conversion Units including inverters, transformers, switchgear, and monitoring and control systems; and Grid Connection Infrastructure.
Glint and Glare	Reflection of sunlight from PV modules, potentially causing visual discomfort or distraction.
Grid Connection Cables	Underground electrical cable routes to connect the Proposed Development to the National Grid at Monk Fryston Substation, routing from Solar Development Site 4 to Monk Fryston Substation and with an option to extend to Solar Development Site 2
Grid Connection Infrastructure	Underground and/or overhead lines including new pylons between the National Grid Substation and the Point of Connection, including a Cable Sealing End Compound.
Ground Mounted PV Modules	Solar photovoltaic (PV) modules attached to structures that are fixed to the ground which include Single Axis Tracker PV Arrays or Fixed South Facing PV Arrays.
Guidelines for Landscape and Visual Impact Assessment	Industry-standard guidance for assessing landscape and visual effects of development
Highways Improvement Areas	Any works associated with the temporary or permanent amendments to the highway and/or highway verges to

Term	Definition
	facilitate the Construction Phase, Operational Phase and Decommissioning Phase of the Proposed Development.
Interconnecting cables	Underground electrical cable routes within the Solar Development Sites, and underground electrical cable routes (located within the Cable Route Corridors to connect the solar infrastructure (located within the Solar Development Sites 1-4 and 6-8) to each other
Jointing bay	Underground structures constructed at regular intervals along the cable route to join sections of the cable circuits and facilitate installation of the cable circuits into the buried ducts.
Landscape and Visual Impact Assessment	A process to assess the effects of a development on landscape character and visual amenity
Landscape Character Area	A distinct, recognisable, and consistent pattern of elements in the landscape
Light Valley Solar Ltd	The applicant.
Locally Important Landscape Area	A landscape area designated for its local significance and value
Magnetic field	A magnetic field is a vector field that describes the magnetic influence on moving electric charges, electric currents, and magnetic materials. The magnetic flux density of the field is measured in tesla (T), based on the SI unit kilogram per second squared per ampere (kgm <sup>2</sup> A <sup>-1</sup> ).
Mitigation	Measures including any process, activity, or design to avoid, reduce, or remedy for negative environmental impacts or effects of a development.
Mitigation and Enhancement Areas	The areas that are being proposed for mitigation and enhancement.
Mounting Structures	The metal frames onto which the PV Panels are attached.
National Character Area	A broad-scale landscape classification defined by Natural England
National Grid Substation	The substation operated by National Grid Electricity Transmission.
National Planning Policy Framework	The UK government's planning policies for England
National Policy Statement (NPS)	National Policy Statements are produced by government in accordance with Part 2 of the Planning Act 2008. They comprise the government's central policy documents for the development of nationally significant infrastructure.
Nationally Significant Infrastructure Project (NSIP)	A NSIP is a large scale development (as defined in sections 14-30A of the Planning Act 2008) such as certain new harbours, power generating stations (including wind farms), highways developments and electricity transmission lines,

Term	Definition
	which require a type of consent known as ‘development consent’ which is governed by the Planning Act 2008
On-site Cables	Underground electrical cables within the Solar Development Sites.
Operational Phase	The period within which the Proposed Development is operational and may require maintenance activities, including equipment replacement, following the Construction Phase.
Outline Environmental Masterplan	A high-level plan showing proposed environmental mitigation and enhancement measures
PA 2008	Planning Act 2008
Permissive Paths	New recreational permissive paths that the public may use during the Operational Phase subject to the terms of the DCO, not legally recognised as Public Rights of Way.
Planning Inspectorate (PINS)	The Planning Inspectorate is an executive agency of the Department for Housing, Communities and Local Government of the United Kingdom Government with responsibility for making decisions and providing recommendations and advice on a range of land use planning-related issues across England and Wales.
Point of Connection (POC)	The National Grid Substation and associated connection into the 275kV overhead lines, which the Proposed Development connects to, to transfer the energy generated to the national grid system.
Preliminary Environmental Information (PEIR)	Preliminary Environmental Information is defined in the EIA Regulations as: ‘information referred to in regulation 14(2) which –(a) has been compiled by the applicant; and (b) is reasonably required for the consultation bodies to develop and informed view of the likely significant environmental effects of the development (and of any Associated Development).
Proposed Development	A Nationally Significant Infrastructure Project (NSIP) comprising a ground mounted solar photovoltaic generating station with a gross electrical capacity of over 100 megawatts, with Associated Development which would allow the generation, storage and export of electricity. The Proposed Development is known as “Light Valley Solar”.
Public Right of Way	A path or track that the public has a legal right to use
PV Panel	Solar photovoltaic panel designed to convert solar irradiance to electrical energy. The PV panel is attached to a Mounting Structure.
Receptor	A component of the natural or man-made environment (including people) that is affected by an impact.

Term	Definition
Residential Visual Amenity Assessment	An assessment of the impact of development on the visual amenity of residential properties
Root Protection Area	The area around a tree that must be protected during construction
Sensitivity	Degree to which a landscape or visual receptor can accommodate change without significant adverse effect.
Setting	The surroundings within which a heritage asset is experienced and any element which contributes to the understanding of its significance.
Significance (of Effect)	Judgement of the importance of a predicted landscape or visual effect, based on sensitivity and magnitude.
Single Axis Trackers	Mounting Structures in a north/south configuration, that allow the PV Table to rotate and track the movement of the sun.
Site of Special Scientific Interest	A conservation designation denoting a protected area for wildlife or geology
Solar Development Site	A term used to describe the land that accommodates the Ground mounted PV Modules and Conversion Units.
Solar Development Site 8 Access Area	Provides optionality to access Solar Development Site 8 from the north of the site.
Solar PV Modules	The solar PV panels being installed within the Solar Development Site.
Study Area	The area to which a particular assessment or survey relates. The study area will vary depending on the nature of the technical assessment.
Switchgear	A combination of electrical disconnect switches, fuses or circuit breakers used to control, protect, and isolate electrical equipment.
The Local Planning Authority (LPA)	The local government body responsible for planning and development control within its area.
The National Planning Policy Framework (NPPF)	A framework setting out the government's planning policies for England and how they should be applied
Transformers	Transformers increase and decrease the voltage of the electricity.
Tree Preservation Order	A legal order protecting specific trees or woodlands
Viewpoint	A specific location from which visual assessments are made
Zone of Theoretical Visibility	A map showing areas from which a development may be visible

