

Riverside Energy Park

Environmental Statement

Chapter 18: Glossary

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18 Glossary of Abbreviations and Definitions

Acronym/term	Full term/definition
AAD 2008	Ambient Air Directive (2008/50/EC)
AADT	Annual Average Daily Traffic
AC	Alternating Current
ACC	Air Cooled Condenser
ADMS	UK Atmospheric Dispersion Modelling System
AEL	Air Emission Limits
AERMOD	American Meteorological Society/Environmental Protection Regulatory Model
AHAP	Area of High Archaeological Potential
ALC	Agricultural Land Classification
ALGG	All London Green Grid
Ambient Noise Level	The totally encompassing sound in a given situation at a given time, usually composed of a sound from many sources both distant and near ($L_{Aeq,T}$).
AN	Advice Note – guidance issued by PINS relating to a number of topics relevant to NSIPs
Anaerobic Digestion facility	Facility to process food and green waste through the degradation of waste by natural organisms, biogas is generated as a useful by-product which can be used to generate renewable electricity
AOD	Above Ordnance Datum (Ordnance Datum Newlyn)
AONB	Area of Outstanding Natural Beauty
APCR	Air Pollution Control Residues
APFP 2009	The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 (as amended)
APIS	Air Pollution Information System
[the] Applicant	The party applying for the Riverside Energy Park Development Consent

Riverside Energy Park: Environmental Statement (ES)
Chapter 18 – Glossary of Abbreviations and Definitions

Acronym/term	Full term/definition
	Order, in this case Cory Environmental Holdings Limited (trading as Cory Riverside Energy) (Cory)
Application Boundary	The entire boundary comprising all elements of the Proposed Development
[the] Application Site	The REP site, the Electrical Connection, and the temporary laydown areas (i.e. all development proposed within the Application Boundary)
AQAL	Air Quality Assessment Level
AQAP	Air Quality Action Plan
AQDMP	Air Quality Dust Management Plan
AQDRA	Air Quality Dust Risk Assessment
AQMA	Air Quality Management Area
AQN	Air Quality Neutral
AQS	Air Quality System
As	Arsenic
ASR	Annual Summary Report
ATC	Automatic Traffic Counts
AVR	Accurate Visual Representation
BA	Bexley Archives
BAP	Biodiversity Action Plan
BAT	Best Available Techniques
BAT-AELs	Best Available Techniques – Air Emission Limits
Battery Storage	Facility to store and supply power to the local distribution network at times of peak electrical demand. This facility would be integrated into the Main REP Building
Biogas	Useful by-product generated from the anaerobic digestion process which can be used as fuel
BL	The British Library
BREF	Best Available Techniques Reference Document
BS	British Standard

Acronym/term	Full term/definition
BTO	British Trust for Ornithology
CAA	Civil Aviation Authority
[the] Cable Route Temporary Construction Compound(s)	Compounds that are required temporarily along the Electrical Connection route to facilitate the laying of cables and associated works
C&I	Commercial and Industrial
CBC	Common Bird Census
CBD	UN Convention on Biological Diversity
CCG	Clinical Commissioning Group
CCS	Combustion Control System
Cd	Cadmium
CFA	Continuous Flight Auger – a method of piling
CHP	Combined Heat and Power
CHP Enabled	A plant which is fully capable of exporting heat, with all required infrastructure on-site. The Environment Agency considers this approach Best Available Technique (BAT) for energy efficiency in circumstances where there are technically and economically viable opportunities for the supply of heat from the outset. For REP this would include district heating pipes laid to the site boundary
CIEEM	Chartered Institute of Ecology and Ecological Management
CIRIA	Construction Industry Research and Information Association
CIWEM	Chartered Institution of Water and Environmental Management
CLP	Construction Logistics Plan
CNG	Compressed Natural Gas
CO	Carbon Monoxide
Co	Cobalt
CO ₂	Carbon Dioxide

Acronym/term	Full term/definition
CoC	Chamber of Commerce
COMAH 2015	Control of Major Accidents Hazards Regulations 2015 (as amended)
CoCP	Code of Construction Practice
Cold commissioning phase	Undertaken before energisation of that particular system to ensure that all mechanical and electric items have been correctly installed
Consultation Report	Report which discusses the entire consultation process, detailing how regard has been had to all comments received, and how comments may have shaped and influenced the proposals for the Proposed Development to accompany the DCO Application
Consultation Zone	Area surrounding the development in which homes and businesses were notified of the consultation period and the statutory public exhibitions
Contestable Works	Connection works that are identified by a DNO in its connection charging methodology as able to be carried out by an Independent Connections Provider (and 'Contestable' will be interpreted accordingly).
COPA 1974	Control of Pollution Act 1974 (as amended)
CoPC	Compounds of Potential Concern
Cory	Cory Environmental Holdings Limited (trading as Cory Riverside Energy)
COSHH 2002	Control of Substances Hazardous to Health Regulations 2002
COT	Committee on Toxicity
CPZ	Controlled Parking Zone
Cr	Chromium
CROW 2000	Countryside and Rights of Way Act 2000 (as amended)
CRTN	Calculation of Road Traffic Noise
CsF	Carcinogenic Slope Factor

Acronym/term	Full term/definition
CSM	Conceptual Site Model
CTMP	Construction Traffic Management Plan
Cu	Copper
CWS	County Wildlife Site
C ₆ H ₆	Benzene
DAS	Design and Access Statement
Daytime	The period 07:00-23:00 hours
dB	Decibel - A scale for comparing the ratios of two quantities, including sound pressure and sound power. The difference in level between two sounds s_1 and s_2 is given by $20 \log_{10} (s_1/s_2)$. The decibel can also be used to measure absolute quantities by specifying a reference value that fixes one point on the scale. For sound pressure, the reference value is 20 μ Pa. The threshold of normal hearing is in the region of 0 dB and 140 dB is the threshold of pain. A change of 1 dB is only perceptible under controlled conditions
dB(A), L _{Ax}	Decibels measured on a sound level meter incorporating a frequency weighting (A weighting) which differentiates between sounds of different frequency (pitch) in a similar way to the human ear. Measurements in dB(A) broadly agree with people's assessment of loudness. A change of 3 dB(A) is the minimum perceptible under normal conditions, and a change of 10 dB(A) corresponds roughly to halving or doubling the loudness of a sound. The background noise in a living room may be about 30 dB(A); normal conversation about 60 dB(A) at 1 metre; heavy road traffic about 80 dB(A) at 10 metres; the level near a pneumatic drill about 100 dB(A)
DBA	Desk Based Assessment
DBC	Dartford Borough Council

Acronym/term	Full term/definition
DC	Direct Current
DCLG	Department for Communities and Local Government (the predecessor department to MHCLG)
DCO	Development Consent Order
dDCO	Draft Development Consent Order
DCMS	Department for Digital, Culture Media and Sport
DE	Decentralised Energy
DEFRA	Department for Environment, Food and Rural Affairs
DETR	Department of Environment, Transport and the Regions (former)
DfT	Department for Transport
DH	District Heating
Digestate	Useful by-product of anaerobic digestion process. Transported off-site for use as a fertiliser or used as a fuel for REP to generate electricity
DMRB	Design Manual for Roads and Bridges
DNO	Distribution Network Operator – an Electricity Distributor that is a Distribution Services Provider, in relation to that part of its Distribution System that is within its Distribution Services Area.
DPD	Development Plan Document
DPS	Design Principles Statement
DSP	Delivery and Servicing Plan
DTA	Dartford Town Archive
EA	Environment Agency
EALs	Environmental Assessment Levels
EC	European Commission
EclA	Ecological Impact Assessment
EEA	European Economic Area
EFT	Emissions Factor Toolkit
EfW	Energy from Waste

Acronym/term	Full term/definition
EHO	Environmental Health Officer
EIA	Environmental Impact Assessment
[the] Electrical Connection	the works from the REP Electrical Interface Point in the onsite substation to the Electrical Connection Point at the National Electricity Transmission System in Littlebrook, Dartford
[the] Electrical Connection Point	the connection point to the National Electricity Transmission System at Littlebrook substation
[the] Electrical Connection route	the route of the Electrical Connection
[the] electricity network	National Electricity Transmission System which REP will connect to at Littlebrook substation.
ELV	Emission Limit Values
EMFs	Electromagnetic Fields
EMP	Bexley Energy Master Plan
[the] Energy Park	alternative reference for Riverside Energy Park
EP	A permit which allows the operator of an installation to carry on various activities, including works in the vicinity of flood defences and stipulates what restrictions there are to operating limits. The permit is issued and regulated by the EA.
EPA	(US) Environmental Protection Agency
EPA 1990	Environmental Protection Act 1990
EPS	Energy Performance Standard
EPUK	Environmental Protection UK
ERF	Energy Recovery Facility
ES	Environmental Statement
ESCC	East Sussex County Council
ESCo(s)	Energy Services Company
EU	European Union
ExA	Examining Authority
Façade noise	Sound pressure level measured at a distance of 1 metre in front of a large

Acronym/term	Full term/definition
	sound reflecting object such as a building façade
Fast Time Weighting	Setting on sound level meter, denoted by a subscript F that determines the speed at which the instrument responds to changes in the amplitude of any measured signal. The fast time weighting can lead to higher values than the slow time weighting when rapidly changing signals are measured. The average time constant for the fast response setting is 0.125 (1/8) seconds
Feed hopper	Waste hopper used to feed fuel into the ERF
FFL	Finished Floor Level
FGT	Flue Gas Treatment - to ensure that the combustion gases from the ERF meet relevant air quality requirements
Filtered Views	A view which is partially obscured by another object, for example a view through a tree canopy
FRA	Flood Risk Assessment
Framed Views	A view that is restricted and bordered by objects located at the sides of the view; for example a view along a street which is bordered at both sides by buildings
Free-field	Sound pressure level measured outside, far away from reflecting surfaces (except the ground), usually taken to mean at least 3.5 metres
FTE	Full Time Equivalent
FWMA 2010	Flood and Water Management Act 2010 (as amended)
FWRA	Foundation Works Risk Assessment
GCA	Ground Condition Assessment
GCN	Great Crested Newt
GHG	Greenhouse Gasses
GiGL	Greenspace Information for Greater London

Acronym/term	Full term/definition
GIS	Gas Insulated Switchgear
GLA	Greater London Authority
GLHER	Greater London Historic Environment Record
Glimpsed Views	A view which is seen or perceived briefly or partially, for example when the viewer is moving
GLVIA3	Guidelines for Landscape and Visual Impact Assessment (3 rd Edition, 2013)
GP	General Practice
GPLC	Guiding Principles for Land Contamination
GQA	General Quality Assessment
GVA	Gross Value Added
GW	Gigawatt
GWD 1979	Ground Water Directive (80/68/EEC)
GWDD 2006	Ground Water Daughter Directive (2006/118/EC)
Ha	Hectare(s)
HAQMAAP	London Borough of Havering's Air Quality Management Area Action Plan
HCA	Homes and Communities Agency (former) now known as Homes England
HCl	Hydrogen chloride
HCL	Hydrochloric Acid
HDD	Horizontal Directional Drilling – a Trenchless installation technique.
HDV	Heavy Duty Vehicles; a vehicle with a gross vehicle weight greater than 3.5 tonnes, includes Heavy Goods Vehicles and buses
HER	Historic Environment Record
HF	Hydrogen fluoride
Hg	Mercury

Acronym/term	Full term/definition
HGV	Heavy Goods Vehicle – vehicle with two or more axles over 3.5 tonnes – includes RCVs, rigid and articulated trucks
HHRA	Human Health Risk Assessment
HHRAP	Human Health Risk Assessment Protocol
HIA	Health Impact Assessment
HighE	Highways England
HistE	Historic England
HMWB	Heavily Modified Water Body
Hot commissioning phase	The ERF will be fully tested (including reliability testing) and all environmental discharge consents will be checked to ensure compliance with the environmental permit
HQ	Hazard Quotient
HRA	Habitats Regulations Assessment
[the] HSE	Health and Safety Executive
HUDU	Healthy Urban Development Unit
HZI	Hitachi Zosen-Inova – the Applicant’s preferred technology provider
IAB	Indicative Application Boundary
IAQM	Institute of Air Quality Management
IBA	Incinerator Bottom Ash
ICNIRP	International Commission on Non-Ionizing Radiation Protection
ICP	Independent Connection Provider – An organisation other than the DNO appropriately accredited to undertake Contestable Works in relation to the provision of a Connection to the DNO’s Distribution System
IEA	Institute of Environmental Assessment, now IEMA
IED	Industrial Emissions Directive (2010/75/EU). The main EU instrument regulating pollutant emissions from industrial installations. It is based on a Commission proposal recasting 7

Acronym/term	Full term/definition
	previously existing directives including the Waste Incineration Directive
IEMA	Institute of Environmental Management and Assessment
Indicative Application Boundary	The indicative DCO application boundary which was used for the purpose of pre-application consultation
Infrastructure EIA Regulations 2017	The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (as amended)
Insertion Loss	Insertion loss is the difference in sound pressure level at a single fixed position before and after a noise control element (e.g. enclosure, barrier etc) is installed
IPC	Infrastructure Planning Commission (superseded by the Planning Inspectorate)
IRAP	Industrial Risk Assessment Protocol
ISO	International Organisation for Standardisation
I-TEFs	International Toxic Equivalency Factors
Jetty	Existing jetty into the River Thames which serves RRRF (Middleton Jetty)
JNCC	Joint Nature Conservation Committee
JSNA	Joint Strategic Needs Assessment
KCC	Kent County Council
KHER	Kent Historic Environment Record
Km	Kilometre
KMBRC	Kent and Medway Biological Records Centre
KMWLP	Kent Minerals and Waste Local Plan
kV	Kilovolt
Kwh	Kilowatt hour
L _{AE} or SEL	A noise level which, if maintained for a period of 1 second, would cause the same A-weighted sound energy to be received as is actually received from a given noise event

Acronym/term	Full term/definition
LAEI	London Atmospheric Emissions Inventory
LAQM	Local Air Quality Management
LA _{eq,T}	A noise level index called the equivalent continuous noise level over the time period T. This is the level of a notional steady sound that would contain the same amount of sound energy as the actual, possibly fluctuating, sound that was recorded
L _{max,T}	A noise level index defined as the maximum noise level recorded during a noise event with a period T. L _{max} is sometimes used for the assessment of occasional loud noises, which may have little effect on the overall L _{eq} noise level but will still affect the noise environment. Unless described otherwise, it is measured using the 'fast' sound level meter response
L _{10,T}	A noise level index. The noise level exceeded for 10 % of the time over the period T. L ₁₀ can be considered to be the "average maximum" noise level. Generally used to describe road traffic noise. LA _{10,18h} is the A –weighted arithmetic average of the 18 hourly LA _{10,1h} values from 06:00-24:00
L _{90,T} or Background Noise Level	A noise level index. The noise level exceeded for 90 % of the time over the period T. L ₉₀ can be considered to be the "average minimum" noise level and is often used to describe the background noise
LBB	London Borough of Bexley
LBBD	London Borough of Barking and Dagenham
LBH	London Borough of Havering
LCA	Landscape Character Area
LEAP	London Enterprise Action Partnership
LDV	Light Duty Vehicle - vehicles with 2 axles and a maximum gross weight of 3.5

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Acronym/term	Full term/definition
	tonnes – includes large vans, caravans and cars with trailers
LEnvS	London Environment Strategy (2018)
LI	Landscape Institute
LiDAR	Light Detection and Ranging
LLFA	Lead Local Flood Authority
LNR	Local Nature Reserve
LOAEL	Lowest Observed Adverse Effect Level. This is the noise level above which adverse effects on health and quality of life can be detected.
LoD	Limits of Deviation
LPA	Local Planning Authority
LSOAs	Lower super output areas – the smallest geographical area which aggregated census data is available for
LTP	Local Transport Plan
LVMF	London Views Management Framework
LWARB	London Waste and Recycling Board
LWS	Local Wildlife Site
M	Metre
MAGIC	Multi Agency Geographic Information for the Countryside
[the] Main Temporary Construction Compound	the area west of Norman Road, Belvedere, to be used (temporarily) during construction of the REP site for laydown, parking, fabrication, welfare etc.
[the] Main REP Building	the main building housing the ERF, the majority of Anaerobic Digestion equipment, Battery Storage and supporting Solar panels
MCC	Manual Classified Counts
MCD	metres (above) Chart Datum
MCPD	Medium Combustion Plant Directive (2015/2193)
MEA	Manual of Environmental Appraisal

Acronym/term	Full term/definition
MHCLG	Ministry of Housing, Communities and Local Government
MHWS	Mean High Water Springs
Minor refinements consultation (July 2018 to September 2018)	Phase of consultation undertaken between July and October 2018 as a result of several minor refinements to the Indicative Application Boundary that was consulted on during the statutory consultation phase
$\mu\text{g}/\text{m}^3$	Microgram per cubic metre
mg/m^3	Milligram per cubic metre
MMO	Marine Management Organisation
MMWMS	London's Wasted Resource – The Mayor's Municipal Waste Management Strategy
Mn	Manganese
MNR	Marine Nature Reserve
MO	Monin-Obukhov - length which provides a measure of the stability of the atmosphere
MOD	Ministry of Defence
MOL	Metropolitan Open Land
MPH	Miles Per Hour
MSOA	Middle Layer Super Output Area
MSW	Municipal Solid Waste
MTS	Mayor's Transport Strategy
MW	Megawatt
MWe	Megawatt electricity
MWh	Megawatt hour
MWt	Megawatt thermal
NAEI	National Atmospheric Emissions Inventory
NAQO	National Air Quality Objectives
NAQS	National Air Quality Strategy
National Grid	Company which owns the National Electricity Transmission Network

Acronym/term	Full term/definition
NATS	Formerly National Air Traffic Services – the main Air Navigation Service provider in the United Kingdom
NCA	National Character Area
NCN	National Cycle Network
NE	Natural England
NEET	Not in Education, Employment or Training
NERC 2006	The Natural Environmental and Rural Communities Act 2006 (as amended)
NETS	National Electricity Transmission System, which REP will connect to at Littlebrook substation
ng/m ³	Nanogram per cubic metre
NGR	National Grid Reference
NHBC	National House-Building Council
NHLE	National Heritage List for England
NHS	National Health Service
NH ₃	Ammonia
Ni	Nickel
Night-time	The period 23:00-07:00 hours.
NMU	Non-motorised Users
NNR	National Nature Reserve
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 due to the noise
Noise Indices	Noise levels usually fluctuate over time, so it is often necessary to consider an average or statistical noise level. This can be done in several ways, so a number of different noise indices have been defined, according to how the averaging or statistics are carried out
Non-contestable works	Works that are identified by a DNO in its connection charging methodology and statement that may only be carried out by

Acronym/term	Full term/definition
	the DNO (and 'Non-Contestable' will be interpreted accordingly)
Non-statutory consultation (May 2018)	Consultation with stakeholders (including the local community and local politicians) undertaken before the statutory consultation phase. The Applicant held non-statutory public exhibitions for the local community and other stakeholders. During this phase, the Applicant sought responses from stakeholders on a non-statutory basis to inform the effectiveness of the statutory consultation phase and content of the Preliminary Environmental Information Report (PEIR)
Non-statutory engagement (November 2017 to October 2018)	Engagement with stakeholders (including consultees such as: the Environment Agency, Natural England, relevant local authorities, local politicians, and the local community) undertaken throughout the pre-application process, separate from the non-statutory and statutory consultation phases. The aim of this engagement was to introduce and notify stakeholders about the outline proposals and DCO process, to gain an understanding of local and technical issues regarding the Proposed Development, and to take technical advice from prescribed bodies on the Proposed Development
NO _x	The Oxides of Nitrogen
NO ₂	Nitrogen Dioxide
NPAS	National Police Air Service
NPPF	National Planning Policy Framework
NPPW	National Planning Policy for Waste
NPSs	National Policy Statements
NPS EN-1	National Policy Statement - Overarching NPS for Energy
NPS EN-3	National Policy Statement - Renewable Energy Infrastructure

Acronym/term	Full term/definition
NPS EN-5	National Policy Statement - Electricity Networks Infrastructure
NPSE	Noise Policy Statement for England
NRA	Navigational Risk Assessment
NRS	National Readership Survey
NSIP	Nationally Significant Infrastructure Project – as defined by the PA2008
NSR	Noise Sensitive Receptor
NTS	Non-Technical Summary of the ES
NVZ	Nitrate Vulnerable Zone
OA	Opportunity Area
OAPF	Opportunity Area Planning Framework
Oblique Views	A view which is not seen or experienced in a direct way or angle; for example a view which is at a different angle to the main direction of the viewer's travel and therefore requires the head to be turned to perceive the view, and is not the main focus for that person
Open Views	A view with no restrictions, not closed or blocked or framed
Order Limits	The limits of the extent of the Proposed Development defined by the DCO.
ORS	Outline Remediation Strategy
OS	Ordnance Survey
Other Development	Development considered within cumulative assessment, as identified in Chapter 4 of the ES
PA 2008	Planning Act 2008 (as amended)
PAC	Powdered Activated Carbon
PAHs	Polycyclic Aromatic Hydrocarbons
PAS100	Publicly Available Specification 100
Pb	Lead
PBA	Peter Brett Associates LLP
PC	Process Contribution
PCB	Polychlorinated biphenyl

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Acronym/term	Full term/definition
PCCD/F	Dioxins
PEC	Predicted Environmental Concentration
PEIR	Preliminary Environmental Information Report
PERS	Pedestrian Environmental Review System
PGH	Potential Geological Hazards
PHE	Public Health England
PIC	Personal Injury Collision
PIL	Preferred Industrial Location
PINS	Planning Inspectorate
PLA	Port of London Authority
PM ₁₀ and PM _{2.5}	Particulate matter less than 10 and less than 2.5 microns. - fine and very fine airborne particles
PPE	Personal Protective Equipment
PPG	Planning Practice Guidance (online)
PPV	Peak Particle Velocity
Proposed Development	The whole of the development comprising the Riverside Energy Park for which development consent is sought including the REP site, the Electrical Connection, the Main Temporary Construction Compounds and the Cable Route Temporary Construction Compounds
PRoW	Public Right of Way
PSC	Potential Sources of Contamination
PTAL	Public Transport Accessibility Level
PV	Photovoltaic
Rating Noise Level	The specific noise source plus any adjustment for the characteristic features of the noise, denoted by L _{A,r,T} .
RBG	Royal Borough of Greenwich
RBMP	River Basin Management Plan
RCV	Refuse Collection Vehicles
REP	Riverside Energy Park

Acronym/term	Full term/definition
[the] REP Electrical Interface Point	The connection point between REP and the electrical distribution network (which is owned and operated by UKPN). This is currently assumed to occur within the onsite substation on the high voltage side
[the] REP site	The site of permanent works in the area adjacent to/around the Riverside Resource Recovery Facility, north of Norman Road. It is noted that RRRF does not form part of the DCO Application
RfD	Reference Dose
RFI	Request For Information
RHPG	Registered Historic Parks and Gardens
Riverside Energy Park Order	The name of the Development Consent Order that Cory are seeking
Rochdale Envelope	The Rochdale cases provide the basis upon which a project can be described by a series of maximum extents. This allows the detailed design of the Project to vary within this 'envelope' without invalidating the corresponding EIA
RRRF	Riverside Resource Recovery Facility
RsNR	Roadside Nature Reserve
SAB	Sustainable Drainage Systems Approval Bodies
SAC	Special Area of Conservation
SAR	Standardised Admission Ratio
Sb	Antimony
Scoping Opinion	The opinion received from the Secretary of State on the information contained with the Scoping Report. Dated January 2018. The EIA has been undertaken in accordance with the Scoping Opinion
SDC	Sevenoaks District Council
SGV	Soil Guidance Value
SIL	Strategic Industrial Location
SINC	Site of Importance for Nature Conservation

Acronym/term	Full term/definition
SIP	Supplementary Information to the PIER
SM	Scheduled Monument
SMINC	Sites of metropolitan importance for nature conservation
SMR	Standardised Mortality Ratio
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
[the] SoCC consultation (April 2018 to May 2018)	Consultation pursuant to section 47 of the PA 2008 about developing the statutory consultation strategy and the content of the Statement of Community Consultation (SoCC)
SoCG	Statement of Common Ground
SoS	Secretary of State for Business, Energy and Industrial Strategy
Sound Pressure	Sound, or sound pressure, is a fluctuation in air pressure over the static ambient pressure
Sound Pressure Level, L_p	The sound pressure level, L_p is the sound pressure relative to a standard reference pressure of 20 μPa (20×10^{-6} Pascals) on a decibel scale. Pascal is a unit of pressure used to quantify internal pressure
SO _x	Sulphur Oxides
SO ₂	Sulphur Dioxide
SPA	Special Protection Area
SPD	Supplementary Planning Document
Specific Noise Level	The noise source under investigation for assessing the likelihood of complaints, measured as and $L_{Aeq,T}$
SPG	Supplementary Planning Guidance
SPZ	Source Protection Zone
SRN	Strategic Road Network
SSAC	Site Specific Assessment Criteria

Acronym/term	Full term/definition
SSSI	Site of Special Scientific Interest
Stack	Emissions release point for the ERF or anaerobic digestion CHP engine
Statutory Consultation (June 2018 to July 2018)	Consultation pursuant to section 42, section 46, section 47 and section 48 of the PA 2008
STW	Sewage Treatment Works
SuDS	Sustainable Drainage Systems
SWMP	Site Waste Management Plan
SWOT	Strengths, Weaknesses, Opportunities and Threats
t	Tonne
TA	Transport Assessment
TDI	Tolerable Daily Intake
TemPro	Trip End Model Presentation Program
TfL	Transport for London
Ti	Thallium
TLRN	Transport for London Road Network
TN	Target Note
TNA	The National Archive
TOC	Total Organic Carbon
TP	Travel Plan
tpa	Tonnes Per Annum
TPO	Tree Preservation Order
TraC	Transitional and Coastal (Transitional and Coastal Management Catchment)
Trefoil [of cables]	3 cables laid together to comprise a single 3-phase circuit.
Trenchless installation techniques	A general reference to drilling/boring methods that avoid the need for open trenching where engineering or environmental constraints are encountered.
TVIA	Townscape and Visual Impact Assessment

Acronym/term	Full term/definition
TVOC	Total Volatile Organic Carbon
UDP	Unitary Development Plan
UGF	Urban Greening Factor
UKHO	UK Hydrographic Office
UKPN	UK Power Networks Ltd – the provider of the non-contestable works for the REP electrical connection, and likely provider of the contestable works
ULEZ	Ultra Low Emissions Zone
UNECE	United Nations Economic Commission for Europe
URF	Unit Risk Factor
V	Vanadium
VP	Viewpoint
Waste bunker	Storage area for waste
Waste reception/ tipping hall	Area where waste is delivered to REP. Single waste reception area, comprising a tipping hall and shredder, with a ramp to access the tipping hall, would be a shared facility between the ERF and Anaerobic Digestion facility, integrated into the Main REP Building
WFD 2000	Water Framework Directive (2000/60/EC)
WHA	Wasteland Habitat Area
WHO	World Health Organisation
WHS	World Heritage Site
WIA 1991	Water Industry Act 1991 (as amended)
WIncD 2000	Waste Incineration Directive (2000/76/EC)
WMS	Waste Management Strategy
WRA 1991	Water Resources Act 1991
WSI	Written Scheme of Investigation
WTS	Waste Transfer Station
ZOI	Zone of Influence
ZTV	Zone of Theoretical Visibility

Acronym/term	Full term/definition
4CBG	Four Countries' Biodiversity Group (representing England, Northern Ireland, Scotland and Wales)