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Tees CCPP Project

The Tees Combined Cycle Power Plant Project
Land at the Wilton International Site,
Teesside

Deadline Two

List of Abbreviations

Applicant: Sembcorp Utilities UK
Date: May 2018

1 LIST OF ABBREVIATIONS

Abbreviation	Description
µg	Microgram (i.e. one millionth of a gram)
µg/m ³	Micrograms per cubic metre, a measure of concentration
AA	Appropriate Assessment
AADT	Annual Average Daily Traffic flow
ADMS	Atmospheric Dispersion Modelling System
ACC	Air Cooled Condenser
AGI	Above Ground Installation
AIL	Abnormal Indivisible Loads
AILQ	Areas of Important Landscape Quality
ALARP	As Low As Reasonably Practical
AOD	Above Ordnance Date
AONB	Area of Outstanding Natural Beauty
APFP	The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009
APIS	Air Pollution Information System
AQMA	Air Quality Management Area
AQO	Air Quality Objective
AQS	Air Quality Strategy
AQTAG	Air Quality Trends Analysis Group
AURN	Automatic Urban and Rural Network
AWI	Ancient Woodland Inventory
BAP	Biodiversity Action Plan
BAT	Best Available Techniques
BH	Bore Hole
BEIS	Business, Energy and Industrial Strategy
BGS	British Geological Survey
BREF	BAT Reference
BS	British Standard
CA	Competent Authority
CAMS	Catchment Abstraction Management Strategy
CCCW	Closed Cycle Cooling Water
CCP	Code of Construction Practise
CCR	Carbon Capture Readiness

CCS	Carbon Capture and Storage
CDM	Construction (Design and Management) Regulations 2015
CCGT	Combined Cycle Gas Turbine
CCPP	Combined Cycle Power Plant
CEH	Centre for Ecology and Hydrology
CEMP	Construction Environmental Management Plan
CH4	Methane
CHP	Combined Heat and Power
CIEEM	UK Chartered Institute of Ecology and Environmental Management
CifA	UK Chartered Institute for Archaeologist
CIRIA	The Construction Industry Research and Information Association
CL	Circuitial Load
CLminN	Minimum critical load for nitrogen
CLmaxN	Maximum critical load for nitrogen
CLR11	Contaminated Land Report 11
CO	Carbon Monoxide
CO2	Carbon Dioxide
COMAH	Control of Major Accident Hazard Regulations
CRTN	Calculation of Road traffic Noise
CWS	County Wildlife Site
COMAH	Control of Major Accident Hazards
COSHH	Control of Substances Hazardous to Health
CRoW	Countryside and Rights of Way Act 2000
CSM	Conceptual Site Model
CTMP	Construction Traffic Management Plan
dB (Decibel)	A logarithmic unit used to express noise levels.
dB(A)	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.
DBEIS	Department for Business, Energy and Industrial Strategy
DCLG	Department for Communities and Local Government
DCO	Development Consent Order
DCS	Data Control System
DECC	Department for Energy and Climate Change
DEFRA	Department for Environment Food and Rural Affairs
DEM	Digital Elevation Model

DENL3	Day, Evening, Night Level
DfT	Department for Transport
DLN	Dry low-NOx burners
DMRB	Design Manual for Roads and Bridges
DoWCoP	Definition of Waste Code of Practice
DP	Decommissioning Plan
EA	Environment Agency
EAL	Environmental Assessment Levels
EDG	Emergency Diesel Generator
EEC	European Economic Community
EHA	English Heritage Archive
EIA	Environmental Impact Assessment
ELC	European Landscape Convention
ELV	Emission Limit value
EMF	Electromagnetic Fields
EMS	Environmental Management System
EP	Environmental Permit issued by Environment Agency
EPA	Environmental Protection Act 1990
EPC	Engineering, Procurement and Construction
EPR	Environmental Permitting Regulations 2010
EQS	Environmental Quality Standards
ERM	Environmental Resources Management
ES	Environmental Statement
EU	European Union
FEED	Front End Engineering Design
FGSC	Fuel Gas Systems Safety Case
FRA	Flood Risk Assessment
FTE	Full Time Equivalent
GLVIA 3	Guidelines for Landscape and Visual Impact Assessment
GP3	Groundwater Pollution Prevention Principles
GPA3	Good Practice Advice in Planning:3
GPLC2	Guiding Principles Land Contamination 2
GVA	Gross Value Added
HAZOP	Hazard and Operability Studies are a structured and systematic examination of a planned or existing process or operation in order to identify and evaluate problems that may represent risks to personnel or equipment, or prevent efficient operation.

HE	Highways England
HER	Historic Environment Record
HGV	Heavy Goods Vehicle
HRA	Habitats Regulations Assessment
HRSG	Heat Recovery Steam Generator
HSE	Health and Safety Executive
HSC	Hazardous Substances Consent
HIA	Health Impact Assessment
HLC	Historic Landscape Characterisation
HOPI	Habitats of Principal Importance
HSC	Hazardous Substances Consent
IAQM	Institute of Air Quality Management
ICNIRP	International Commission on Non-Ionizing Radiation Protection
ID	Index of Deprivation
IDB	Internal Drainage Board
IEA	Institute of Environmental assessment
IED	Industrial Emissions Directive
IEMA	The Institute of Environmental Management and Assessment
IMD	Index of Multiple Deprivation
INCA	Industry Nature Conservation Association
IP	Intermediate Pressure
IPC	Infrastructure Planning Commission
IPPC	Integrated Pollution Prevention and Control
JNCC	Joint Nature Conservation Committee
JSA	Job Seeker Allowance
kV	Kilovolt, (i.e. 1,000 volts)
LA10	The A weighted level of noise exceeded for 10% of the specified measurement period (T). It gives an indication of the upper limit of fluctuating noise such as that from road traffic. LA10, 18h is the arithmetic average of the 18 hourly LA10, 1h values from 06.00 to 24.00.
LA90	The A weighted noise level exceeded for 90% of the specified measurement period. It is used to define background noise levels.
LAeq,T	The equivalent continuous noise level is a notional steady noise level, which over a given time, would provide the same energy as intermittent noise. LAeq, T is used to describe many types of noise and can be measured directly with an integrating sound level meter. Noise standards often specify the length of time over which noise should be measured.
LAmx	The highest A weighted noise level that occurs during a given event or time period.

LAFmax	The maximum noise level (fast time weighting)
LAr,T	As defined in BS 4142, the rating level or LAr is the LAeq, T noise level produced by the source of concern corrected for the acoustic characteristics of the noise
LAQM	Local Air Quality Management
LCA	Landscape Character Area
LCPD	Large Combustion Plant Directive
LDF	Local Development Framework
LDPE	Low Density Polyethylene
LDV	Light Duty Vehicle
LEG	Lazenby Environment Group
LNR	Local Nature Reserve
Lw	Sound Power Level. A measure of the total noise energy radiating from a noise source and used to calculate noise levels at a distant location
LSOA	Lower Super Output Areas
LTN	Local Transport Note
LVIA	Landscape and Visual Impact Assessment
LWS	Local Wildlife Site
MAGIC	Multi Agency Geographic Information for the Countryside
MAPP	Major-Accident Prevention Policy
MDI	Methylene Diphenyl Diisocyanate
MMP	Materials Management Plan
MW	Megawatt, one million Watts
MWe	Megawatt (electrical)
MWth	Megawatt (thermal)
NAEI	National Atmospheric Emissions Inventory
NAP	Neighbourhood Action Partnership
NCA	National Character Areas
NCC	Norfolk County Council
NE	Natural England
NEG-TAP	National Expert Group on Transboundary Pollution
NERC	Natural Environment and Rural Communities
NMR	National Monument Record
NNR	National Nature Reserves
NO	Nitric Oxide
NO2	Nitrogen Dioxide
NOx	Nitrogen Oxides

NOEL	No Observed Effect Level
NORA	Nar Ouse Regeneration Area
NPPG	National Planning Practice Guidance
NPPF	National Planning Policy Framework
NPS	National Planning Statement
NPS EN-1	Overarching National Policy Statement for Energy
NPS EN-2	Fossil Fuel Electricity Generating Infrastructure
NRBD	Northumbria River Basin District
NSIP	Nationally Significant Infrastructure Project
NSL	Noise Sensitive Location
NSRs	Noise Sensitive Receptors
NTEM	National Trip End Model
NTP	Notice to Proceed
NTS	Non-Technical Summary
NVC	The National Vegetation Classification
NYCC	North Yorkshire County Council
NYMPA	North York Moors Park Authority
O3	Ozone
OEM	Original Equipment Manufacturer
OS	Ordnance Survey
PA	Planning Act 2008
PAH	Polycyclic Aromatic Hydrocarbons
PC	Process Contribution
PC/LC	Process Contribution/Critical Load
PCB	Poly-Chlorinated Biphenyls
PEC	Predicted Environmental Concentration
PEC/CL	Predicted Environmental Concentration/Critical Load
PET	Polyethylene Terephthalate
PEIR	Preliminary Environmental Information Report
PHE	Public Health England
PIA	Personal Injury Accident
PINS	Planning Inspectorate
PM10	Fine particulate matter with a diameter less than 10 microns (i.e. 0.00001 metres)
PPE	Personal Protective Equipment
PPG	Planning Policy Guidance Note/ Planning Practice Guidance

PPS	Planning Policy Statement
PPV	Peak Particle Velocity
PRMS	Pressure Reduction and Metering Station
PRoW	Public Rights of Way
Ramsar	Wetlands of international importance especially as waterfowl habitat
RCBC	Redcar and Cleveland Borough Council
RPE	Respiratory Protective Equipment
SAC	Special Areas of Conservation
SCP	Sediment Control Plan
SCR	Site Condition Report
SO2	Sulphur Dioxide
SOAs	Super Output Areas
SOAEL	Significant Observed Adverse Effect Level
SoCC	Statement of Community Consultation
SOPI	Species of Principal Importance
SoS	Secretary of State
SM	Scheduled Monument
SPA	Special Protection Area
SPZ	Source Protection Zone
SSSI	Site of Special Scientific Interest
SUDS	Sustainable Drainage Systems
SVOC	Semi-Volatile Organic Compounds
SWMP	Site Waste Management Plan
TA	Transport Assessment
TC	Teesside Collective
TMP	Traffic Management Plan
ToR	Terms of Reference
TP	Travel Plan
TVCA	Tees Valley Combined Authority
UK BAP	UK Biodiversity Action Plan
UNECE	United Nations Economic Council for Europe
VOC	Volatile Organic Compounds
VP	Viewpoint
WCA	Wildlife and Countryside Act
WFD	Water Framework Directive
WHO	World Health Organization

WRAP	Waste Resources Action Programme
ZTVs	Zones of Theoretical Visibility