



# **Harestanes South Windfarm Extension**

## **Environmental Impact Assessment Report**

### **Volume 1 Main Report**

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## Abbreviations

Abbreviation	Meaning
AADT	Average Annual Daily Traffic
ADSFb	Annan District Salmon Fishery Board
AECoW	Association of Environmental Clerks of Works
AGL	Above Ground Level
AIAA	Area of Intense Air Activity
AIL	Abnormal Indivisible Loads
AIP	Aeronautical Information Publication
AM	Amplitude Modulation
AMP	Access Management Plan
AMSL	Above Mean Sea Level
AOD	Above Ordnance Datum
ARG	Amphibian and Reptile Group
ASA	Archaeologically Sensitive Area
ATA	Aerial Tactics Area
ATC	Air Traffic Control
ATS	Air Traffic Service
AWI	Ancient Woodland Inventory
BEIS	Department of Business, Energy and Industrial Strategy
BFI	Baseflow Index
BGS	British Geological Survey
BoCC	Birds of Conservation Concern
BP	Broadleaved Plantation
BPM	Best Practicable Means
BS	British Standard
BSBI	Botanical Society of Britain and Ireland
BSI	British Standards Institute

Abbreviation	Meaning
BST	British Summer Time
CAA	Civil Aviation Authority
CAD	Computer Aided Design
CAR	The Water Environment (Controlled Activities) (Scotland) Regulations 2011
CEMP	Construction Environmental Management Plan
CIEEM	Chartered Institute of Ecology and Environmental Management
CIRIA	Construction Industry Research and Information Association
cm	Centimetres
CP	Coniferous Plantation
CR	Critically Endangered
CTMP	Construction Traffic Management Plan
D&GRSG	Dumfries and Galloway Raptor Study Group
DD	Data Deficient
DECC	Department of Energy & Climate Change
DfT	Department for Transport
DGC	Dumfries and Galloway Council
DGFWS	Dumfries and Galloway Forestry and Woodland Strategy
DGLBAP	Dumfries and Galloway Local Biodiversity Action Plan
DGWLS	Dumfries and Galloway Wind Farm Landscape Capacity Study
DMRB	Design Manual for Roads and Bridges
DSFB	District Salmon Fishery Board
DTM	Digital Terrain Model
DWQR	Drinking Water Quality Regulator for Scotland
EcIA	Ecological Impact Assessment
ECoW	Environmental Clerk of Works
ECU	Energy Consents Unit
EHO	Environmental Health Officer
EIA	Environmental Impact Assessment

Abbreviation	Meaning
EM	Electromagnetic
EMI	Electromagnetic Interference
EN	Endangered
ETSU	Energy Technical Support Unit
EZol	Ecological Zone of Influence
FAS	Flight Activity Survey
FCS	Forestry Commission Scotland
FES	Forest Enterprise Scotland
FISA	Forest Industry Safety Accord
FL	Flight Level
FLS	Forestry and Land Scotland
FSA	Forestry Study Area
FTE	Full-time Equivalent
FWPM	Freshwater Pearl Mussel
G	Ground absorption coefficient
GA	General Aviation
GCR	Geological Conservation Review
GDL	Garden and Designed Landscape
GFT	Galloway Fisheries Trust
GIS	Geographic Information System
GMBRC	Glasgow Museum Biological Record Centre
GMT	Greenwich Mean Time
GPA	Glasgow Prestwick Airport
GPG	Good Practice Guide
GPP	Guidance for Pollution Prevention
GSAB	Galloway and Southern Ayrshire Biosphere
GVA	Gross Value Added
GW	Gigawatts

Abbreviation	Meaning
GWDTE	Groundwater Dependent Terrestrial Ecosystems
GWh	Gigawatt hours
ha	Hectare
HER	Historic Environment Record
HES	Historic Environment Scotland
HGV	Heavy Goods Vehicle
HMP	Habitat Management Plan
HOST	Hydrology of Soil Types
HSWE	Harestanes South Windfarm Extension
IEF	Important Ecological Feature
IEMA	Institute of Environmental Management and Assessment
INNS	Invasive Non-native Species
IoA	Institute of Acoustics
IPCC	The Intergovernmental Panel on Climate Change
IUCN	International Union for Conservation of Nature
JNCC	Joint Nature Conservation Committee
JRC	Joint Radio Company
km	Kilometres
LARS	Lower Airspace Radar Service
LC	Least Concern
LCT	Landscape Character Type
LDP	Local Development plan
LFA	Low Flying Area
LGS	Local Geodiversity Site
LGV	Light Goods Vehicle
LMP	Land Management Plan
LNR	Local Nature Reserve
LTR	Long Term Retentions

Abbreviation	Meaning
LVA	Local Value Added
LVIA	Landscape and Visual Impact Assessment
LWS	Local Wildlife Site
km	Kilometres
m	Metres
mAOD	Metres Above Ordnance Datum
MBBS	Moorland Breeding Bird Survey
MOD	Ministry of Defence
MSD	Minimum Separation Distance
MW	Megawatts
NA	Not Assessed
NERL	NATS (En Route)
NFE	National Forest Estate
NHZs	Natural Heritage Zones
NM	Nautical Miles
NNR	National Nature Reserve
NPF	National Planning Framework
NPF3	National Planning Framework 3
NR	Natural Reserve
NRTF	National Road Traffic Forecast
NS	Not Significant
NT	Near Threatened
NTS	Non-Technical Summary
NVC	National Vegetation Classification
OCEMP	Outline Construction Environmental Management Plan
OHMP	Outline Habitat Management Plan
OMS	Operations, Maintenance and Service
ONS	Office for National Statistics

Abbreviation	Meaning
OS	Ordnance Survey
PAN	Planning Advice Note
PCH	Potential Collision Height
PD	Probability of Detection
PEA	Preliminary Ecological Appraisal
PIA	Personal Injury Accident
POE	Port of Entry
PPE	Personal Protective Equipment
PPG	Pollution Prevention Guidelines
PPM	Power Performance Mast
PPP	Pollution Prevention Plan
PPV	Peak Particle Velocity
PRA	Potential Roost Assessment
PRF	Potential Roosting Feature
PSR	Primary Surveillance Radar
PWS	Private Water Supply(ies)
RBBP	Rare Breeding Birds Panel
RCS	Radar Cross Section
RLoS	Radar Line of Sight
RSA	Regional Scenic Area
RSPB	Royal Society for the Protection of Birds
RSPW	Red Squirrel Priority Woodland
RSS	Red Squirrel Stronghold
RVAA	Residential Visual Amenity Assessment
rWFD	Revised Water Framework Directive
S	Significant
SAC	Special Area of Conservation
SBL	Scottish Biodiversity List

Abbreviation	Meaning
SBRS	Scarce Breeding Raptor Survey
SCADA	Supervisory Control and Data Acquisition
SEI	Supplementary Environmental Information
SEPA	Scottish Environment Protection Agency
SF	Scottish Forestry
SFCC	Scottish Fisheries Coordination Centre
SFS	Scotland's Forestry Strategy
SGN	Supplementary Guidance Note
SID	Standard Instrument Departure
SIMD	Scottish Index of Multiple Deprivation
SINC	Sites of Importance for Nature Conservation
SIS	Spectrum Information System
SNH	Scottish Natural Heritage (now known as NatureScot)
SOC	Scottish Ornithologists' Club
SPA	Special Protection Area
SPMP	Soil and Peat Management Plan
SPP	Species Protection Plan
SPP 14	Scottish Planning Policy 2014
SPR	Standard Percentage Runoff
SQE	Suitably Qualified Ecologist
SRMS	Scottish Raptor Monitoring Scheme
SRSG	Scottish Raptor Study Group
SSR	Secondary Surveillance Radar
SSSI	Site of Special Scientific Interest
SuDS	Sustainable Drainage Systems
SUW	Southern Upland Way
SW	Scottish Water
SWSEIC	South West Scotland Environmental Information Centre

Abbreviation	Meaning
SWT	Scottish Wildlife Trust
TMA	Terminal Manoeuvring Area
TMZ	Transponder Mandatory Zone
TN	Target Note
TOPA	Technical and Operational Assessment
TTA	Tactical Training Area
UK	United Kingdom
UKBAP	United Kingdom Biodiversity Action Plan
UKFS	UK Forestry Standard
UKWAS	UK Woodland Assurance Standard
UNESCO	United Nations Educational, Scientific and Cultural Organisation
VOR	Valued Ornithological Receptors
VP	Vantage Point
VPD	Vertical Polar Diagram
VU	Vulnerable
WFD	Water Framework Directive
WLA	Wild Land Area
ZTV	Zone of Theoretical Visibility

**Harestanes South Windfarm Extension Project Team**

ScottishPower Renewables  
9th Floor ScottishPower Headquarters  
320 St Vincent Street  
Glasgow  
G2 5AD

**[HarestanesSouthWindfarm@scottishpower.com](mailto:HarestanesSouthWindfarm@scottishpower.com)**

