

# Strathy South Wind Farm Grid Connection

EIA Report:  
Volume 1 - Main Report

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**Scottish & Southern**  
Electricity Networks

TRANSMISSION



## VOLUME 1: MAIN REPORT

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## GLOSSARY AND ABBREVIATIONS

132 kV	132 kilovolt (132,000 volt) operating voltage electrical circuit
The 1989 Act	The Electricity Act 1989
AA	Appropriate Assessment
AADT	Annual Average Daily Traffic
ACoW	Archaeological Clerk of Works
AIL	Abnormal Indivisible Load
AM	Amplitude Modulation (medium and long wave radio signals)
AOD	Above Ordnance Datum
ATC	Automatic Traffic Counter
AWI	Ancient Woodland Inventory
BAP	Biodiversity Action Plan
BGL	Below Ground Level
BGS	British Geological Survey
BNG	Biodiversity Net Gain
BoCC	Birds of Conservation Concern
BPP	Bird Protection Plan
BTO	British Trust for Ornithology
CAR	Controlled Activities Regulations
CasPlan	Caithness and Sutherland Local Development Plan
CDM	Construction (Design and Management) Regulations 2015
CEMP	Construction Environmental Management Plan
CIEEM	Chartered Institute of Ecology and Environmental Management
CIRIA	Construction Industry Research and Information Association
ClfA	Chartered Institute for Archaeologists
CMLI	Chartered Members of the Landscape Institute
CP	Core Path
CRM	Collision Risk Modelling
CSE	Cable Sealing End
CTMP	Construction Traffic Management Plan
DEFRA	Department for Environment, Food and Rural Affairs
DfT	Department for Transport
DMRB	Design Manual for Roads and Bridges
DTM	Digital Terrain Model

DTS	Distributed Temperature Sensing
DWPA	Drinking Water Protection Area
EC	European Commission
EclA	Ecological Impact Assessment
ECoW	Ecological Clerk of Works
EnvCoW	Environmental Clerk of Works
ECU	Energy Consents Unit
EIA	Environmental Impact Assessment
EMF	Electric and Magnetic Fields
EMI	Electromagnetic Interference
EPZ	Equi-Potential Zones
ERLOB	European Red List of Bird Species
ESQCR	Electricity Safety, Quality and Continuity Regulations
EU	European Union
FGS	Forestry Grant Scheme
FWPM	Fresh Water Pearl Mussel
GBRs	General Binding Rules
GEMPs	General Environmental Management Plans
GI	Ground Investigation
GIS	Geographic Information System
GPP	Guidance for Pollution Prevention
GLVIA3	Guidelines for Landscape and Visual Impact Assessment 3rd Edition
GWP	Global Warming Potential
GWDTE	Groundwater Dependent Terrestrial Ecosystems
Ha	Hectare. An area measuring 10,000 square metres
HabMos	Habitat Map of Scotland
HBRG	Highland Biological Recording Group
HDD	Horizontal Directional Drilling
HER	Historic Environment Record
HES	Historic Environment Scotland
HGV	Heavy Goods Vehicle
HMP	Habitat Management Plan
HPA	Health Protection Agency
HRA	Habitats Regulations Appraisal
HRSg	Highland Raptor Study Group

HwLDP	Highland-wide Local Development Plan
ICNIRP	International Commission on Non-Ionising Radiation Protection
IEFs	Important Ecological Features
IEMA	Institute of Environmental Management and Assessment
IOF	Important Ornithological Feature
ICNIRP	International Commission on Non-Ionising Radiation Protection
IROPI	Imperative reasons of overriding public interest
JNCC	Joint Nature Conservation Committee
kV	Kilovolt
LB	Listed Building
LBAP	Local Biodiversity Action Plan
LCT	Landscape Character Type
LGV	Light Goods Vehicles
LI	Landscape Institute
LoD	Limit of Deviation
LSE	Likely Significant Effect
LVIA	Landscape and Visual Impact Assessment
MAFF	Ministry of Agriculture, Fisheries and Food
MD – SEDD	Marine Directorate – Science Evidence Data and Digital
mph	miles per hour
MW	Megawatt
NBN	National Biodiversity Network
NCN	National Cycle Network
NGR	National Grid Reference
NHZ	National Heritage Zone
NNR	National Nature Reserve
NPF4	Fourth National Planning Framework
NRTF	National Road Traffic Forecast
NS	NatureScot
NVC	National Vegetation Classification
NWSS	Native Woodland Survey of Scotland
OAMP	Outdoor Access Management Plan
OC	Operational Corridor
OHL	Overhead Line. An electric line installed above ground, usually supported by lattice steel towers or wooden poles.



OHMP	Outline Habitat Management Plan
OIA	Ornithological Impact Assessment
OPGW	Optical Ground Wire
OS	Ordnance Survey
PAN	Planning Advice Notice
PCA	Peat Condition Assessment
PLHRA	Peat Landslide Hazard Risk Assessment
PMP	Peat Management Plan
PPG	Pollution Prevention Guidance Notes
Principal Contractor	The Contractor with control over the construction phase of the project
Principal Designer	A Principal Designer is appointed by the Applicant to take the lead in the pre-construction phase of a project and oversees health and safety.
Proposed Development	The Proposed Development is taken to be the description of: the OHL, cable sealing end compound, access arrangements and any associated construction activities and land-use requirements.
PWS	Private Water Supply
RFI	Radio Frequency Interference
RSA	Road Safety Audits
RSPB	Royal Society for the Protection of Birds
SAC	Special Area of Conservation – designated under Directive 92/42/EEC on the Conservation of Natural Habitats and of Wild Fauna and Flora (known as – The Habitats Directive)
SBBS	Scare Breeding Bird Survey
SBL	Scottish Biodiversity List
SCM	Site Condition Monitoring
Section 37	An application for development consent under Section 37 of the Electricity Act 1989
SEPA	Scottish Environment Protection Agency
SF	Scottish Forestry
SFGS	Scottish Forestry Grant Scheme
SHRA	Shadow Habitats Regulations Appraisal
SHT	Scottish Hill Track
SLA	Special Landscape Area
SLQ	Special Landscape Qualities
SM	Scheduled Monument
SNH	Scottish National Heritage
SPA	Special Protection Area – designated under Directive 2009/147/EC on the Conservation of Wild Birds (the Birds Directive)

SPP	Scottish Planning Policy
SPP	Species Protection Plans
SSEN Transmission	Scottish and Southern Electricity Networks Transmission, operating under licence as Scottish Hydro Electric Transmission plc – part of Scottish and Southern Electricity Networks, and the transmission licence holder for the transmission of electricity in the north of Scotland
SSSI	Site of Special Scientific Interest – designated by SNH under the Nature Conservation (Scotland) Act 2004
SuDS	Sustainable Drainage System
T5 DTM	Terrain 5 Digital Terrain Model
TA	Transport Assessment
TBT	Toolbox Talks
THC	The Highland Council
TS	Transport Scotland
UGC	Underground Cable. An electric line installed below ground.
UKBAP	United Kingdom Biodiversity Action Plan
UNESCO	United Nations Educational, Scientific and Cultural Organisatn
VL	Visualisation Location
WANE	Wildlife and Natural Environment (Scotland) Act 2011
WCA	Wildlife and Countryside Act (1981) (as amended)
WEWS	Water Environment and Water Services
WFD	Water Framework Directive
WHS	World Heritage Site
WLA	Wind Land Area
ZTV	Zone of Theoretical Visibility – the computer-generated theoretical visibility of an object in the landscape