

**Carnaig 400kV Substation
EIA Report
Volume 2: Main Report
October 2024**

VOLUME 2: MAIN REPORT

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GLOSSARY AND ABBREVIATIONS

ALV	Abnormal Load Vehicles
AOD	Above Ordnance Datum
AIS	Air Insulated Switchgear
ANO	Air Navigation Order
AQMA	Air Quality Management Area
AWI	Ancient Woodland Inventory
AD	Anno Domini
AADF	Annual Average Daily Flow
AADT	Annual Average Daily Traffic
AEP	Annual Exceedance Probability
AOC	Archaeology Group Ltd
AoI	Area of Influence
BCT	Bat Conservation Trust
BLN4	Beauly to Loch Buidhe 400 kV reinforcement
BC	Before Christ
BNG	Biodiversity Net Gain
BU	Biodiversity Unit
BoCC	Birds of Conservation Concern
BBS	Breeding Bird Survey
BGS	British Geological Survey
BS	British Standard
BSI	British Standard Institute
CO ²	Carbon Dioxide
CET	Central England Temperature
CifA	Chartered Institute for Archaeologists
CIEEM	Chartered Institute of Ecology and Environmental Management
CCC	Climate Change Committee

ALV	Abnormal Load Vehicles
CCR	Climate Change Resilience
COP	Conference of the Parties
CDM Regulations	Construction (Design and Management) Regulations 2015
CEMP	Construction Environment Management Plan
CIRIA	Construction Industry Research and Information Association
CTMP	Construction Traffic Management Plan
CoWRP	Control of Woodland Removal Policy
CAR	Controlled Activities Regulations
CMIP5	Coupled Model Intercomparison Project (5th)
CC-BY	Creative Commons Licence where credit must be given to the creator
°C	Degrees Centigrade
DNA	Deoxyribonucleic Acid
DEFRA	Department for Environment Food and Rural Affairs
DfT	Department for Transport
DMRB	Design Manual for Roads and Bridges
DPSG	Designation Policy and Selection Guidance
DBA	Desk Based Assessment
DOC	Dissolved Organic Carbon
ECoW	Ecological Clerk of Works
EclA	Ecological Impact Assessment
EMF	Electromagnetic Fields
EIA(R)	Environmental Impact Assessment (Report)
ERM	Environmental Resources Management Ltd
EU	European Union
FEH	Flood Estimate Handbook
FLS	Forestry and Land Scotland
FC	Forestry Commission
FLS	Forestry Land Scotland

ALV	Abnormal Load Vehicles
GEMPs	General Environmental Management Plans
GIS	Geographic Information Systems
GW	Gigawatt
GB	Great Britain
GHG	Greenhouse Gas
GWDTE	Groundwater Dependent Terrestrial Ecosystem
GLVIA3	Guidelines for Landscape and Visual Impact Assessment 3rd Edition
HRA	Habitat Regulations Appraisal
HGV	Heavy Goods Vehicles
ha	Hectares
HBRG	Highland Biological Recording Group
HRSG	Highland Raptor Study Group
HwLDP	Highland-Wide Local Development Plan
HEPS	Historic Environment Policy for Scotland
HES	Historic Environment Scotland
HND	Holistic Network Design
hr	Hour
IOF	Important Ornithological Features
ICCI	In-Combination Climate Impacts
IED	Industrial Emissions Directive
ICF	Institute of Chartered Foresters
IEMA	Institute of Environmental Management and Assessment
IPCC	Intergovernmental Panel on Climate Change
INNS	Invasive Non-Native Species
JNCC	Joint Nature Conservation Committee
kV	Kilovolt
LMP	Land Management Plan
LUPS	Land Use Planning System

ALV	Abnormal Load Vehicles
LVIA	Landscape and Visual Impact Assessment
LCT	Landscape Character Type
LiDAR	Light Detection and Ranging
LGV	Light Goods Vehicles
LU	Linear Units
LDP	Local Development Plan
LNCS	Local Nature Conservation Sites
LTR	Long Term Retention
MtCO ² e	Mega Tonnes Carbon Dioxide Equivalent
MW	Mega-watt
MICFor	Member of the Institute of Chartered Foresters
m	Meter
mph	Miles Per Hour
MCA	Multi-Criteria Analysis
NBN Atlas	National Biodiversity Network Atlas
NCR	National Cycle Routes
NGESO	National Grid Electricity System Operator
NPF4	National Planning Framework 4
ScARF	National Scottish Archaeological Research Framework
NVC	National Vegetation Classification
NDC	Nationally Determined Contributions
NWSS	Native Woodland Survey of Scotland
NR	Natural Reserve
SNH / NS	NatureScot (formerly Scottish Natural Heritage)
NOA	Network Options Assessment
NTS	Non-Technical Summary
O&M	Operation and Maintenance
OS	Ordnance Survey

ALV	Abnormal Load Vehicles
oPMP	Outline Peat Management Plan
OHL	Overhead Line
POC	Particulate Organic Carbon
PSRA	Peat Slide Risk Assessment
PAN	Planning Advice Note
PAWS	Plantation on Ancient Woodland Site
PPP	Pollution Prevention Plan
PRF	Potential Roosting Features
PAC Report	Pre-Application Consultation Report
PWS	Private Water Supply
PAN	Proposal of Application Notice
RLB	Red Line Boundary
RAG	Red, Amber, Green
RIGS	Regionally Important Geological / geomorphological Sites
RPP3	Report on Proposals and Policies (3rd)
RCPs	Representative Concentration Pathways
RBD	River Basin District
RTC	Road Traffic Collision
RSPB	Royal Society for the Protection of Birds
SAM	Scheduled Ancient Monument
SSEN Transmission	Scottish and Southern Electricity Networks Transmission
SBL	Scottish Biodiversity List
SEPA	Scottish Environment Protection Agency
SF	Scottish Forestry
SPP	Scottish Planning Policy
SSSI	Site of Special Scientific Interest
SAC	Special Area of Conservation
SPA	Special Protection Area

ALV	Abnormal Load Vehicles
SPPs	Species Protection Plans
SF ₆	Sulphur Hexafluoride
SGT	Super Grid Transformer
SuDS	Sustainable Drainage System
THC	The Highland Council
IEMA	The Institute of Environmental Management and Assessment
3D	Three Dimensional
t	Tonnes
tCO ₂ Yr-1	Tonnes of Carbon Dioxide per Year
'the Planning Act'	Town and Country Planning (Scotland) Act 1997
TA	Transport Assessment
TPO	Tree Preservation Order
UKBAP	UK Biodiversity Action Plan
UKCEH	UK Centre for Ecology & Hydrology
UKCP	UK Climate Projections
UKFS	UK Forestry Standards
UKHab	UK Habitat Classification
UGC	Underground Cable
UXO	Unexploded Ordinance
UK	United Kingdom
UNESCO	United Nations Educational, Scientific and Cultural Organisation
UNFCCC	United Nations Framework Convention on Climate Change
VP	Vantage Point
WFD	Water Framework Directive
WCA	Wildlife and Countryside (1981) Act
ZoI	Zone of Influence
ZTV	Zone of Theoretical Visibility