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# Red John Pumped Storage Hydro Scheme

Environmental Impact Assessment  
Report Volume 2: EIA Report Main  
Text

ILI (Highlands PSH) Ltd.

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# Volume 2: EIA Report Main Text

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# Glossary

## Acronym Definition

ADF	Average Daily Flow
AIL	Abnormal Indivisible Load
ALG	Green Filamentous Algae
AOD	Above Ordnance Datum
AIA	Arboriculture Impact Assessment
ASPT	Average Score per Taxon
ATC	Automated Traffic Counters
AWI	Ancient Woodland Inventory
B&B	bed and breakfast
BCT	Bat Conservation Trust
BDS	British Dragonfly Society
BGS	British Geological Society
BMP	Biosecurity Management Plan
BMWP	Biological Monitoring Working Party
BoCC	Birds of Conservation Concern
BPM	Best Practicable Means
BTO	British Trust for Ornithology
CAR	Controlled Activities Regulations, that is the Water Environment (Controlled Activities) (Scotland) Regulations 2011 (as amended etc.)
CBC	Common Bird Census
CCI	Community Conservation Index
CEH	Centre for Ecology & Hydrology
CEMP	Construction Environment Management Plan
CIEEM	Chartered Institute of Ecology and Environmental Management
CifA	Chartered Institute for Archaeologists
CPET	Chironomid Pupal Exuviae Technique
CTMP	Construction Traffic Management Plan
dB(A)	A-weighted decibel
DEFRA	Department for Environment, Food and Rural Affairs
DETR	Department for Environment, Transport and the Regions
DMRB	Design Manual for Roads and Bridges

## Acronym Definition

DSFB	Ness District Salmon Fishery Board
DWPA	Drinking Water Protected Areas
EC	European Commission
ECoW	Ecological Clerk of Works
ECU	Energy Consents Unit of the Scottish Government
EIA	Environmental Impact Assessment
EPS	European Protected Species
EQR	Ecological Quality Ratio
EU	European Union
FBA	Freshwater Biological Association
FEH	Flood Estimation Handbook
FGS	Forestry Grant Scheme
FRA	Flood Risk Assessment
FREDS	Forum for Renewable Energy Development in Scotland
FRM	Flood Risk Management
GES / GEP	Good Ecological Status or Potential
GRP	glass reinforced plastic
GWDTE	groundwater dependant terrestrial ecosystems
ha	hectares
HASAP	Health and Safety Plan
HBRG	Highland Biological Recording Group
HER	Historic Environment Record
HGV	Heavy Goods Vehicle
HRA	Habitats Regulations Assessment
HSI	Habitat Suitability Index
HV	high voltage
HwLDP	Highland-wide Local Development Plan
IEA	Institute of Environmental Assessment
IEMA	Institute of Environmental Management and Assessment
IHN	Integrated Habitat Network

Acronym	Definition
IHT	Institute of Highways and Transportation
ILI	Intelligent Land Investments, the Applicant
IMFLDP	Inner Moray Firth Local Development Plan
IMS	Industrial Methylated Spirits
INNS	Invasive non-native species
JNCC	Joint Nature Conservation Committee
km	kilometres
Km2	Kilometres squared
kV	kilovolt
LBAP	Local Biodiversity Action Plan
LCT	Landscape Character Types
LDP	Local Development Plan
LEMP	Landscape and Ecological Management Plan
LGP	low ground pressure
LGV	Light Goods Vehicle
LMNI	Lake Macrophyte Nutrient Index
LPA	Local Planning Authorities
LxHxW	Length x Height x Width
m	metre
m/s	Meters per second
m3	metres cubed
m3/s	metres cubed per second
mAOD	metres Above Ordnance Datum
MEWPs	Mobile Elevated Working Platforms
mm	millimetre
Mm3	million metres cubed
MMA	Materials Management Appraisal
MSS	Marine Scotland Science
MW	megawatts
MWh	megawatt hours
NBFT	Ness and Beaully Fisheries Trust
NCAP	National Collection of Aerial Photographs
NGR	National Grid Reference
NPF3	National Planning Framework 3
NRTF	National Road Traffic Forecasts

Acronym	Definition
NSR	Noise Sensitive Receptor
NTS	Non-Technical Summary
NVC	National Vegetation Classification
ONS	Office for National Statistics
ORS	Old Res Standstone
OS	Ordnance Survey
PAC	Pre-Application Consultation
PAN	Planning Advice Note
PAWS	Plantations on Ancient Woodland Sites
PEA	Preliminary Ecological Appraisal
PMP	Peat Management Plan
PPE	Personal Protective Equipment
PRF	Potential Roost Features
PSH	pumped storage hydro
PSYM	Predictive System for Multimetrics
PVA	Potentially Vulnerable Area
PWS	Private water supplies
RBMP	River Basin Management Plan
rWFD	revised Waste Framework Directive
SAAR	Standard Annual Average Rainfall
SAC	Special Area of Conservation
SBL	Scottish Biodiversity List
SEPA	Scottish Environment Protection Agency
SFS	Scottish Forestry Strategy
SHEP	Scottish Historic Environment Policy
SI	Site Investigation
SLA	Special Landscape Area
SNH	Scottish Natural Heritage
SPA	Special Protection Area
SPP	Scottish Planning Policy
SPP	Scottish Planning Policy
SSE	Scottish and Southern Energy Plc.
SSEN	Scottish and Southern Energy Networks
SSSI	Site of Special Scientific Interest
SUDs	Sustainable Drainage Systems
SW	Scottish Water

**Acronym Definition**

SWMP	Surface Water Management Plan
TAG	Transport Assessment Guidance
TBM	Tunnel Boring Machine
TCV	Taxon Cover Values
THC	The Highland Council
TMP	Traffic Management Plan
TP	Trial Pit
TRO	Traffic Regulation Order
TTRO	Temporary Traffic Regulation Order
TWL	Top Water Level
UKBMS	UK Butterfly Monitoring Scheme
WFD	Water Framework Directive
WRZ	Water Resource Zone
WTW	Water Treatment Works
ZTV	Zone of Theoretical Visibility
TAN	Technical Advice Note
PPV	Peak Particle Velocity
VDV	Vibration Dose Value
BS	British Standard
PPG	Pollution Prevention Guidance
BPM	Best Practicable Means
LFN	Low Frequency Noise
WEWS	Water Environment and Water Services Act
UKFS	UK Forestry Standard
UKWAS	UK Woodland Assurance Standard
WCA	Wildlife and countryside Act

<b>Term</b>	<b>Definition</b>
As the crow flies	In a straight line.
Bat Logger	Aids in the detection and identification of bats.
Conservation (Natural Habitats, &c.) Regulations 1994 (as amended)	The habitats regulations.
Dawn	During the period before sunrise.
Development	Red John Pumped Storage Hydro Scheme.
Dusk	During the period shortly after sunset.
EIA Development	A development requiring EIA by virtue of its size, nature or location under schedule 2 of the EIA Regulations.
EIA Regulations	The Electricity Works (Environmental Impact Assessment) (Scotland) Regulations 2017.
Exuviae	Cast-off skins of the pupae of non-biting midges.
Habitats Directive	Council Directive 92/43/EEC of 21 May 1992 on the conservation of natural habitats and of wild fauna and flora.
Inter-Project Effects	Combined effects from other projects.
Not Significant	Effects predicted to be minor and manageable.
Ramsar Convention	Convention on Wetlands of International Importance.
Realistic Worst Case	Selection of the most environmentally detrimental parameter for assessment within the EIA.
Ringtail	A bird with the plumage of an adult female or a juvenile.
Rochdale Envelope	The establishment of a series of maximum development extents.
The Act	The Electricity Act 1989.
The Baseline	Existing environmental conditions.
The CAR Regulations or CAR	Water Environment (Controlled Activities) (Scotland) Regulations 2011.