

# SSE Tarbert Next Generation Power Station

Environmental Impact Assessment Report (EIAR)  
Volume I

SSE Generation Ireland Limited

November 2023

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## GLOSSARY OF ABBREVIATIONS AND DEFINITIONS

AA	Appropriate Assessment
AADT	Annual Average Daily Traffic
ABP	An Bord Pleanála
ACA	Architectural Conservation Areas
ADMS	Atmospheric Dispersion Modelling System
AIL	Abnormal Indivisible Loads
ALARP	As low as reasonably practicable
ALC	Agricultural Land Classification
Ammonia (NH <sub>3</sub> )	An inorganic chemical compound of nitrogen and hydrogen.
AOD	Above Ordnance Datum
AONB	Area of Outstanding Natural Beauty
APIS	Air Pollution Information System
AQAL	Air Quality Assessment Level
AQLVs	Air Quality Limit Values
AQS	Air Quality Strategy
Archaeological Impact Assessment (AIA)	Required where potential conflicts have been identified between archaeological resources and a proposed development. Sites are located and recorded, and site significance is evaluated to assess the nature and extent of expected impacts.
ATC	Automated Traffic Count
BAT	Best Available Technology
BC	Background Concentration
BCT	Bat Conservation Trust
BNL	Basic Noise Level
BoCCI	Birds of Conservation Concern in Ireland
C&D	Construction & Demolition
CADNA	Computer Aided Noise Abatement, software for calculating, predicting, and assessing environmental noise
CAFE	Clean Air for Europe Programme
CAP23	Climate Action Plan 2023
CBD	Convention on Biological Diversity
CCGT	Combined Cycle Gas Turbine
CCR	Climate Change Risk
CCTV	Close Circuit Television
CDOIF	Chemicals and Downstream Oil Industries Forum
CDP	County Development Plan
CEAP	Circular Economy Action Plan
CEMP	Construction Environmental Management Plan
CEMS	Continuous Environmental Monitoring Systems
CERC	Cambridge Environmental Research Consultants
CESMM4	Civil Engineering Standard Method of Measurement Fourth Edition
CFRAM	Catchment Flood Risk Assessment and Management Program
CH <sub>4</sub>	Methane
CIEMM	Chartered Institute of Ecology and Environmental Management
CIRIA	Construction Industry Research and Information Association
CLP	Chemicals, Labelling and Packaging
CO	Carbon Monoxide
CO <sub>2</sub>	Carbon Dioxide
COMAH	Control of Major Accident Hazards
COSHH	Control of Substances Hazardous to Health
CRTN	Calculation of road traffic noise

CRU	Commissions for Regulated Utilities
CSM	Conceptual Site Model
CSO	Central Statistics Office
CTMP	Construction Traffic Management Plan
DEMP	Decommissioning Environmental Management Plan
DESNZ	UK Department for Energy Security and Net Zero
DHLGH	Department of Housing, Local Government and Heritage
DLA	District Local Area
DMP	Dust Management Plan
EALs	Environmental Assessment Level (EAL)
EclA	Ecological Impact Assessment
ECoW	Ecological Clerk of Works
EDs	Electoral Divisions
ELVs	Emission Limit Values
EMS	Environment Management System
Environmental Impact Assessment (EIA)	The assessment of the environmental consequences of a plan, policy, program, or actual projects prior to the decision to move forward with the proposed action.
Environmental Impact Assessment Report (EIAR)	A publicly available document. It sets out the developer's own assessment of the likely environmental effects of his/her proposed development. It is prepared by the developer and submitted with his planning application.
EPA	Environment Protection Agency
EQS	Environmental Quality Standards
ERP	Emergency Response Plan
ESA	Environmental Site Assessment
ESB	Electricity Supply Board
ESR	Environmental Site Representative
European Union (EU)	A political and economic union of Member States that are located primarily in Europe.
FPO	Floral Protection Order
FRA	Flood Risk Assessment
GAC	Generic Assessment Criteria
Geological Survey of Ireland (GSI)	Provides geoscience information and services to inform decision making.
GHG	Greenhouse Gas
GI	Ground Investigation
GLVIA	Guidelines for Landscape and Visual Impact Assessment
GQRA	Generic Quantitative Risk Assessment
GTV	Groundwater Threshold Value.
GWB	Groundwater Body
GWDTE	Ground Water Dependent Terrestrial Ecosystems
HAZOP	Hazard and Operability
HB	Historic Building
HDV	Heavy Duty Vehicle
Hectare	A unit measurement of area (100m x 100m).
HFCs	Hydrofluorocarbons
HFO	Heavy Fuel Oil
HGV	Heavy goods vehicle
HHRA	Human Health Risk Assessment
HSA	Health and Safety Authority
HV	High Voltage
HVAC	Heating, Ventilation and Air Conditioning
HVO	Hydrotreated Vegetable Oil
IAQM	Institute of Air Quality Management
IAS	Invasive Alien Species

ICE	Institute of Civil Engineers
IDA	International Dark Sky Association
IED	Industrial Emissions Directive
IEIs	Industrial Emissions License
IEMA	Institute of Environmental Management and Assessment
IGV	Interim Guideline Value
IPCC	Intergovernmental Panel on Climate Change
ISCC	International Sustainability and Carbon Certification
ISO	International Standards Organisation
I-WeBS	Irish-Wetland Bird Survey
JTC	Junction Turning Count
KCC	Kerry County Council
KPIs	Key Performance Indicators (KPIs)
LAPs	Local Area Plans
LCAs	Landscape Character Areas
LCTs	Landscape Character Types
LDV	Low Duty Vehicle
LEAs	Local Electoral Areas
LPG	Liquefied Petroleum Gas
LVIA	Landscape and Visual Impact Assessment
MA&Ds	Major Accidents & Disasters
MRFS	Mid-Range Future Scenario
NAF	National Adaptation Framework
NDP	National Development Plan
NECP	National Energy and Climate Plan
NF3	Nitrogen trifluoride
NIAH	National Inventory of Architectural Heritage
NIS	Natura Impact Statement
Nitrogen Dioxide (NO <sub>2</sub> )	A chemical compound released through the combustion of fuel, often used as a proxy for air pollution.
NLS	National Landscape Strategy
NMDC	National Biodiversity Data Centre
NMPF	National Marine Planning Framework
NORA	National Oil Reserves Agency
NO <sub>x</sub>	Nitrogen oxides
NPF	National Planning Framework
NPWS	National Parks and Wildlife Service
NRA	Noise Risk Assessment
NSR	Noise Sensitive Receptor
NTS	Non – Technical Summary
OCGT	Open Cycle Gas Turbine
ODP	Ordnance Datum Poolbeg
OPR	Office of the Planning Regulator
OSI	Ordnance Survey Ireland
PAH	Polyaromatic Hydrocarbons
Particulate Matter (PM <sub>10</sub> )	Atmospheric aerosol particles with a diameter of 10 micrometres or less.
PC	Process Contribution
PCB	Polychlorinated biphenyls
PEC	Predicted Environmental Concentration
PFCs	Perfluorocarbons
pNHA	Proposed Natural Heritage Area
PPC	Pollution Prevention and Control
QI	Qualifying Interests
RBD	River Basin District

RCPs	Representative Concentration Pathways
RDAS	Refurbishment Demolition Asbestos Survey
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RED-II	Renewable Energy Directive-II
RHM	Record of Historic Monuments
RICS	Royal Institute of Chartered Surveyors
RMP	Record of Monuments and Places
RMP	Residual Management Plan
RSA	Road Safety Authority
RSCA	Regional Seascape Character Assessment
RSES	Regional Spatial and Economic Strategy
RWMP	Resource and Waste Management Plan
SAC	Special Area of Conservation
SCA	Seascape Character Area
SCI	Special Conservation Interests
SCR	Selective Catalytic Reduction
SCT	Seascape Character Types
SDL	Strategic Development Location
SEA	Strategic Environmental Assessment
SEAI	Sustainable Energy Authority of Ireland
SF <sub>6</sub>	Sulphur hexafluoride
SI	Site Investigation
SID	Strategic Infrastructure Development
SIPF	Strategic Integrated Framework Plan
SMR	Sites & Monuments Record
SPA	Special Protection Area
SPZ	Source Protection Zone
Square Metre	A unit measurement of area (m <sup>2</sup> ).
SSE	SSE Generation Ireland Limited
SuDS	Sustainable Drainage System
TEG	Tarbert Emergency Generation
TII	Transport Infrastructure Ireland
TLUP	Technical Land Use Plan
TPH	Total Petroleum Hydrocarbons
TSO	Transmission System Operator
UNFCC	United Nations Framework Convention on Climate Change
VOCs	Volatile Organic Compounds
VSA	Visually Sensitive Areas
WAP	Waste Action Plan
Water Framework Directive (WFD)	European Union directive which commits member states to achieve good qualitative and quantitative status of all water bodies.
WHO	World Health Organisation
WMP	Water Management Plan
WRAP	Waste and Resources Action Plan
WTP	Water Treatment Plan
WTT	Well-To-Tank
ZoI	Zone of influence
ZTV	Zone of Theoretical Visibility

