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Volume II – Main EIAR

ROOAUNALAGHTA
Green Energy

BUILT ON KNOWLEDGE

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Glossary

Abnormal Indivisible Loads (AIL): A load that, due to its size, weight or other characteristics, cannot reasonably be divided into smaller loads for transport and therefore requires specialised vehicles and/or route arrangements.

Applicant: Rooaunalaghta Green Energy Limited

Baseline: Refers to the relevant aspects of the current state of the existing environment in the area where the proposed project is proposed to be located and the surrounding areas.

An Coimisiún Pleanála: Refers to An Coimisiún Pleanála (ACP) i.e. the Competent Authority.
Construction haul routes: Refers to the proposed routes , for the delivery of AILs, to the proposed wind farm site.

Construction material haul route: The road corridor(s) along which the primary raw materials (sand, stone, concrete, etc.) will be transported to the proposed wind farm site by standard axle loaded vehicles.

Decommissioning: Refers to the end of the operational life of the wind farm when turbines are dismantled and taken off site for reuse, recycling, or disposal, as appropriate. The underground element of the turbine foundations will remain in-situ, the foundation plinths will be removed, and the foundations will be covered with earth and reseeded as appropriate. The turbine hardstands will also be reinstated, and the site roads will be left in-situ. The 33 kV Grid Connection and wind farm internal cabling will be removed while the ducting will remain in-situ. The off-site 110kV substation, two end masts and the 110 kV cable that connects with the existing 110 kV overhead line will be left in-situ as it will form part of the national electricity network.

EIA Directive: Refers to Directive 2011/92/EU on the assessment of the effects of certain public and private projects on the environment as amended by Directive 2014/52/EU.

2014 EIA Directive: Refers to Directive 2014/52/EU on the assessment of the effects of certain public and private projects on the environment.

EIA Regulations: The Planning and Development Regulations 2001 (As Amended).

EIAR study areas: Refers to areas which are considered as part of the assessment process. These are specific and defined within each discipline chapter in the EIAR.

Galway County Council: Refers to the local authority to which certain elements of the proposed project relate (TDR and GCR).

Grid Connection Route (GCR): The 33 kV underground cable (circa 8.7 km in length) that will connect the proposed on-site control building, located within the wind farm site, to the grid via a proposed new loop-in 110 kV substation and new 110 kV underground cables.

Mayo County Council: Refers to the local authority to which certain elements of the proposed project relate (wind farm site, Control Building, TDR and GCR).

On-site control building: Refers to the proposed control building within the proposed wind farm site. This will both control the turbines on site as well as gathering the power generated from each turbine and exporting it via the Proposed 33 kV grid connection.

Operational Phase Light Detection and Ranging (LiDAR) device: Wind Monitoring LiDAR device to be deployed between the temporary construction compound and access track to T5.

Proposed 110 kV substation: The proposed new loop-in 110 kV substation (with associated works) will connect to the adjacent overhead line (OHL) via underground cables and two steel lattice end masts.

Proposed development: Refers only to the elements for which a planning application is being submitted (rather than the entire proposed project). It should be noted however that this EIAR assesses the overall proposed project.

Proposed project: The proposed project includes the construction of 13 no. wind turbines and ancillary works, installation of the 33 kV private grid connection cable along the Grid Connection Route (GCR) with a proposed new loop-in 110 kV substation with associated works (including two steel lattice end masts) to connect to an existing overhead line.

Proposed wind farm site: The proposed wind farm site covers an area of 222 ha and will contain thirteen turbines and associated infrastructure.

Reinstatement: Reinstatement means restoring the habitat to its original state in the areas of the site where infrastructure was developed.

Scoping: Scoping is the process of determining what information should be included in the EIAR and the methodologies that should be used to collect and assess that information.

Site access tracks: These are the proposed on-site tracks (both new and upgraded) that will be used to access wind farm infrastructure.

Site Entrances (2 entrances to the proposed wind farm site and 1 entrance to the proposed 110 kV substation): Site Entrance 1 is the access from the R334 to turbines T1, T2, T3 and T4. Site Entrance 2 is the access from the R334 to turbines T5 to T13. Site Entrance 3 is the access from the L2104 to the proposed 110 kV substation and Grid Connection

Survey areas: Refers to areas within which surveys are undertaken. These are specifically defined within each discipline chapter in the EIAR.

Temporary construction compounds: Refers to the compounds to be developed and used by the appointed contractor(s) for the purposes of constructing the wind farm which will be reinstated when construction is completed.

Turbine Delivery Route (TDR): The road corridor along which the turbine components will be transported along from Galway Port to the proposed wind farm site.

TDR temporary accommodation works areas: Locations along the TDR where temporary works are required to allow passage of AILs. These locations will be referred to as nodes.

Turbine foundation: Refers to turbine concrete base located under ground level and used to support the turbine structure.

Turbine hardstand: Refers to a small, fixed area at the base of each wind turbine used by cranes for erection of turbine structure, hub, nacelles and rotor blades.

Wind farm internal cabling: Refers to the electrical cables and ducting connecting the turbines to the on-site control building.