

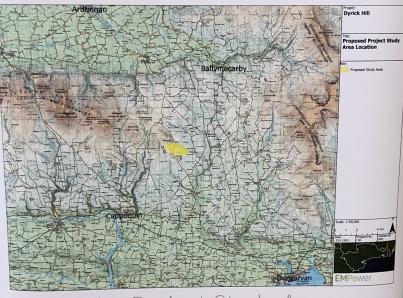


The Study Area for the proposed Dyrick Hill Wind Farm project consists of over 400 hectares owned by local landowners and is located in Co. Waterford. Measured in a straight-line direction, the located in Co. Waterford. Measured in a straight-line direction, the Project's Study Area is located approximately 16km northwest of Dungarvan and 8.5km southwest of Ballymacarbry. Subject to environmental impact assessment and planning permission, EMPower are proposing a 12 wind turbine project, at an overall maximum blade tip height of 185 metres. The proposed Dyrick Hill project will be capable of providing enough clean, affordable, indigenous energy to power over 43,900 average Irish homes (SEAI 2018). The project is currently assession grid competition positions. currently assessing grid connection options to the electricity network including a connection to Dungarvan Sub-Station. The project's Turbine Delivery Route assessments centre around delivery of wind turbine components from Waterford City port

74.4 MW

40yr Operational Life

Project Location



The Project Study Area

The Study Area for the proposed Dyrick Hill project is located in the townlands of Dyrick, Ballynaguikee Upper, Broemountain and Buildable Area consists of over 400 hectares and 115 hectares, respectively. Generally, the Study Area is comprised of farmland, forestry and upland heath with soils and subsoils present consisting predominantly of Sallow bedrock with minor peat pockets and minor glacial till and podzols in lowland areas. The geology of the Study Area consists mainly of upper Devonian age sandstone and mudstone.

The Projects Study Area is not located within a Natura 2000 site (European Site) or a National Months and the Study Area consists mainly of the Projects Study Area is not located within a Natura 2000 site (European Site) or a National Months and the Study Area consists mainly of the Projects Study Area is not located within a Natura 2000 site (European Site) or a National Months and the Study Area consists mainly or a National Months and the Study A

The Project's Study Area is not located within a Natura 2000 site (European Site) or a National Heritage Area. A number of European Site of these sensitive locations within 15 kilometres designated sites do occur within the wider area surrounding the project's Study Area. Some of these sensitive locations within 15 kilometres designated sites do occur within the wider area surrounding the project's Study Area are listed below. All nearby sensitive habitats will be considered in detail for the final project's overall design.

- Blackwater River Special Area of Conservation and National Heritage Area to the southwest:
- Lower River Suir Special Area of Conservation to the north;

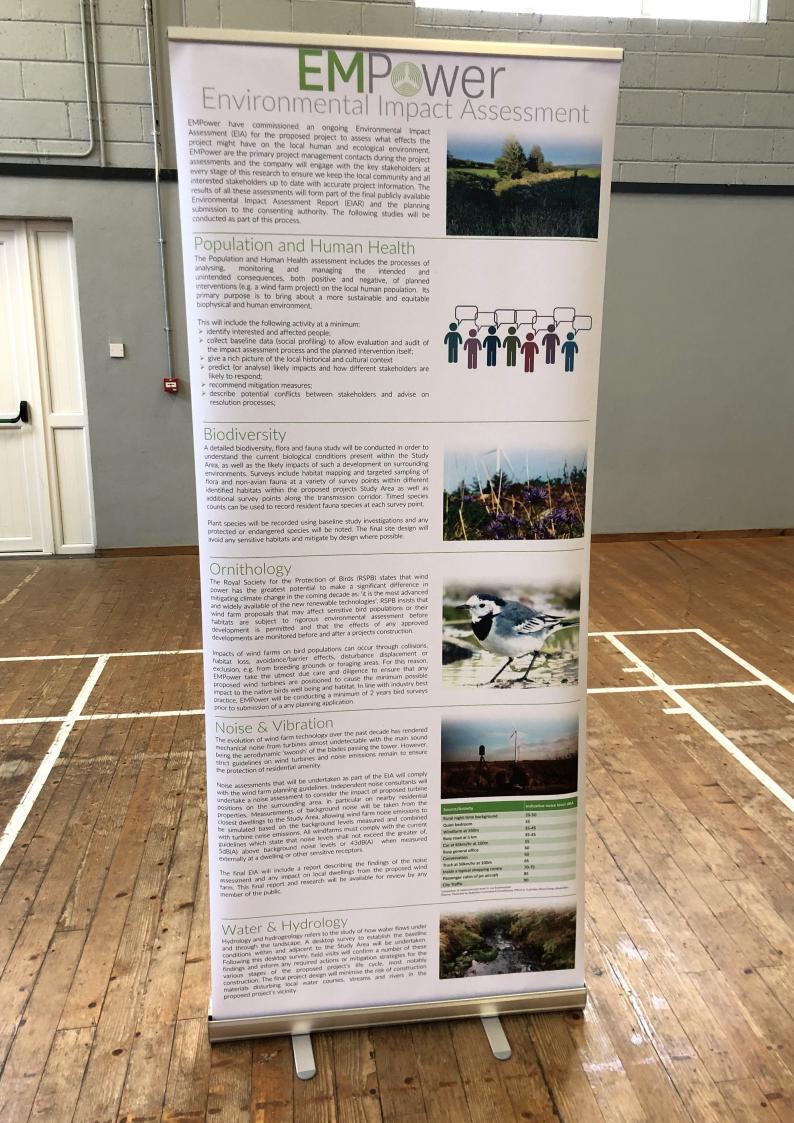
 Nier Valley Woodlands Special Area of Conservation and National Heritage Area to the northeast;
- Glendine Wood Special Area of Conservation (south) and Glenboy Wood National Heritage Area (north).

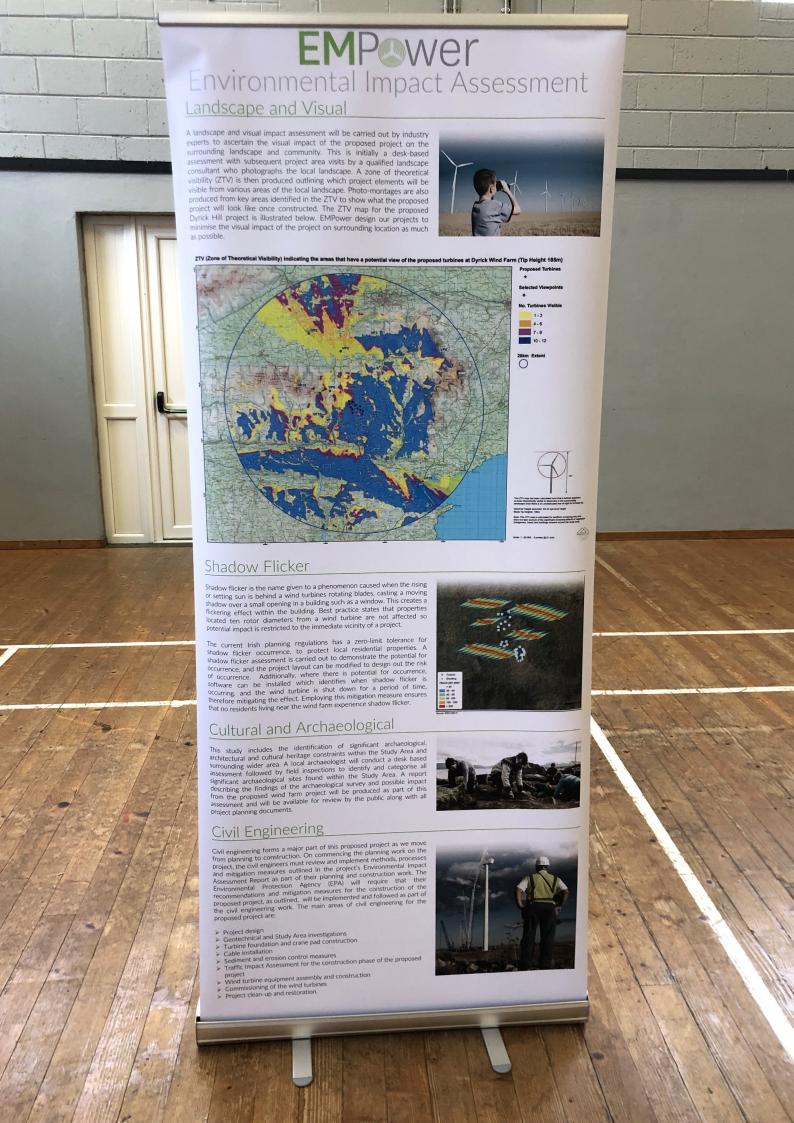
The grid connection options are currently being assessed for the proposed project. The nearest existing substation is Dungarvan 110kV substation which is located approximately 15 kilometres south of the project's Study Area. Consultation with Eirgrid and ESBN will also dictate the eventual connection point chosen for this proposed project.

If the project is consented the seaports of Waterford or Cork provide the most likely port of entry for the project's wind turbine. Components. Delivery route surveys are currently underway in order to select the most viable access route. Components Impact Assessment Report, including all studies and assessments, will be submitted with the project's planning. The final Environmental Impact Assessment Report, including all studies and assessments, will be submitted with the project's planning application to the consenting authority. The final report and planning application will also be made available to the public for viewing and comment.

The Proposed Dyrick Hill Project

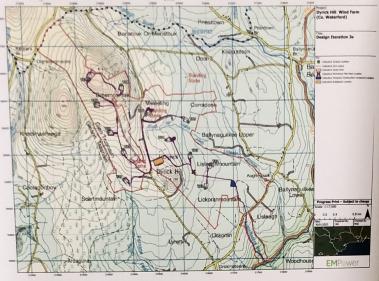
- ▶ 12 Turbines
- ➤ Tip Height 185m
- > 74.4 MW
- On-Site 110KV Substation
- Access From N72
- > Grid Connection Options Nearby
- Clean Power For Over 43,900 Irish Homes











Project Schedule

Proposed Dyrick Hill Schedule	2020				2021				2022			2023			2024			2025	2026				2027		2028	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2 Q	3 Q	4 Q1	Q2 Q	3 Q4	Q1	Q2 Q	Q4	Q1	Q2 Q3	Q4 C	Q1 Q2 Q3	Q4 C	21 Q2	Q3 Q4	Q1 Q	Q3
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fanning Submission & Consideration												-	-	_	_			-		-						
Irid Connection Application												_		_	_	_										
Detailed Project Design										_	_		_		-		-					N. Contract				
Project Construction													-	-	-	-									1 10	
Project Operational																										

Who We Are

EMPower was established to serve the growing Irish and European electricity demand while creating the minimum environmental ecological and social impact. Our vision is to provide low carbon, ecologically non-invasive, affordable energy to facilitate Ireland's expanding economy and sustainable energy targets.

EMPower is a private limited company owned by GGE Ireland Limited, Wind Power Invest A/S and EMP Holdings Limited. We are Currently preparing planning documents including a comprehensive Environmental Impact Assessment Report for a planning submission for the property of the property of the planning pathway is a legal to A pB ord Pleanala, in Q1 2023. This planning pathway is a legal requirement for all proposed wind energy applications which are being designed to generate above 50MW of energy.

Our primary business is the development of appropriately positioned and scaled greenfield wind and solar energy power plants. EMPower will utilise the considerable international project development experience of our management team, coupled with the market leading etchnical expertise of our partners, to deliver clean energy assets in a cost effective and environmentally responsible manner.

EMPower is headquartered in Dublin with over 700 MW in development in Europe and Africa. EMPower's senior management team has a combined 95 years' experience delivering projects from Conception to operation across five continents. The senior Conception to operation across five continents. The single projects from Conception to operation across five continents. The senior Conception to operation across five continents. The senior Conception to operation across five continents. The senior Conception to operation across five continents. The professionals, highly experienced in the fields of renewable energy project management, Corporate legal, finance and wind measurement.

EMPower commenced project development in Ireland in 2018 following the government announcement of the Renewable Energy Support Scheme (RESS) and Ireland's revised target of 80 Support Scheme (RESS) and Ireland's revised target of 80 Frenewables by 2030. This will require an additional 4,000 MW of new Orthore wind to be installed by 2030.

What We Do



95 Years

Why Dyrick Hill?

Identifying a project Study Area suitable for a wind farm consider many different inputs. The suitability of the Study Area for this project can be attributed, in part, to the following characteristics

- The Study Area is not directly within a Special Area of Conservation (SAC), a Special Protection Area of Natural Heritage Area (NHA).

- Natural Heritage Area (NHA).

 The Study Area is in an accessible location for connection to the National Electricity Grid via existing electrical substations and transmission lines in the local area.

 Good annual average wind speeds in the Study Area.

 Setback distances from houses can be achieved to align with the latest government guidance. The project design team has committed to a minimum setback of 740 meters between a dwelling and a proposed turbine location.

















