

## Security of Supply

The Government of Ireland issued the National Energy Security Framework (April 2022) to address Ireland's energy security needs in the context of the war in Ukraine.

Ireland has one of the highest rates of imported energy in Europe with import dependency increasing to 81.6% in 2022. By producing more renewable electricity locally, some of these imports can be avoided. The energy produced from a 6.9 MW Wind Farm would power the equivalent of 4,550 homes with renewable energy.

This builds security of energy supply improves our nation's energy independence and will help to **stabilise and reduce energy costs**. Competitive energy prices are also important in attracting foreign direct investment (FDI).

## Pre-construction/Construction

It typically takes about 12-18 months to construct a wind farm. During this phase, the local community will be kept up to date with developments and will have their queries appropriately dealt with.

## How will the wind turbines be transported?

It is proposed that the turbine components will be transported by road from Port of Foynes or Ringaskiddy. Initial studies suggest that turbines can be transported to the site without significant public road upgrades. A Traffic Management Plan will be developed in consultation with statutory consultees and the local community to minimise impacts from deliveries.

## Shadow Flicker

Houses in the vicinity will not experience any shadow flicker as the turbines will have inbuilt control systems to shutdown turbines when shadow flicker is predicted to occur.

## Noise

This wind farm is being designed to work with the emerging wind energy development guidelines so as to ensure that it will operate appropriately in the local area.

## Additional Sources of Information

The Wind Energy Ireland <https://windenergyireland.com>  
Sustainable Energy Authority of Ireland [www.seai.com](http://www.seai.com)

## What is the next step in developing the project?

Environmental surveys have been completed. These have been used to further develop and refine the proposed site design and assess any environmental effects. The Developer will apply to Cork County Council for planning permission to develop the proposed wind farm.

Derreenacrinnig West Wind Farm Limited is committed to being a responsible developer of renewable energy and we strive to be good neighbours in all areas of our work. We encourage as many people as possible to get involved in and to learn more about our projects, maximising the local economic, social and environmental benefits our developments can create locally.

## Contact Us

If you would like more information on the Development, then please contact the appointed planning agent for the client, at the following e-mail address:

E-mail: [econcar@jodireland.com](mailto:econcar@jodireland.com)

## Public Information Event

A Public Information Day about the proposed Derreenacrinnig West Wind Farm will be held on Wednesday 9<sup>th</sup> October 2024 from 3pm to 7pm in:

The Drimoleague Parish Hall, Main St, Dromdaleague, Drimoleague, Co. Cork

# Derreenacrinnig West Wind Farm

The purpose of this leaflet is to inform the local community of the proposed wind farm development within the townland of Derreenacrinnig West in west Cork. The proposed wind farm (Derreenacrinnig West Wind Farm) is being promoted by Derreenacrinnig West Wind Farm Limited, a small-time Irish owned renewable energy company. Planning Permission has previously been granted for a windfarm on this site in October 2011, consisting of 7 turbines. The Planning Permission has now expired. A revised application for just 3 wind turbines will be lodged to Cork County



## Development Proposal

The Developer is proposing to progress a planning application for 3 Wind Turbines in Derreenacrinnig West, Co. Cork. The Development will also include a 20kV Grid Connection from the wind farm site to Ballylickey 110 kV substation.

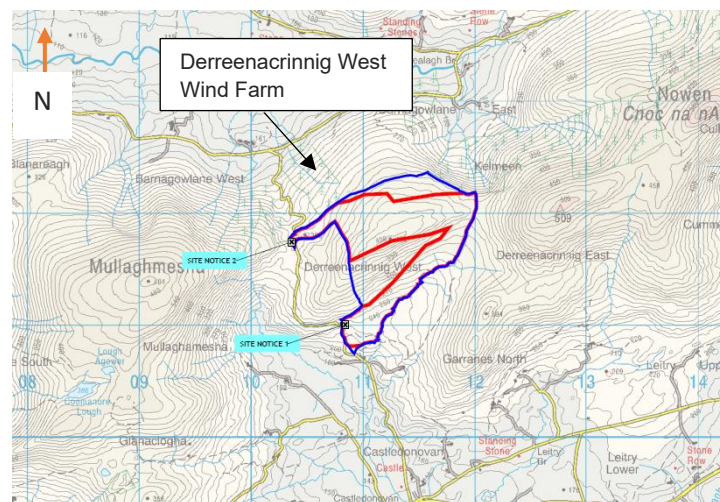
### Proposed Turbines

<b>Number of Turbines</b>	3
<b>Tip Height (metres)</b>	119.3m
<b>Site Capacity (MW)</b>	Approx 6.9 MW
<b>Grid Connection</b>	Underground Cable & Overhead line comprising circa 13km

### Previously Consented Turbines

<b>Number of Turbines</b>	7
<b>Tip Height (metres)</b>	81m
<b>Site Capacity (MW)</b>	6

## Site Location



## Key Design Considerations

The key objective of the design process is to develop a proposal that will be suitable in the context of the local area whilst delivering the objectives of The Climate Action Plan 2024.

The planning application will reuse existing infrastructure on the site and will incorporate a Biodiversity Enhancement Area as part of the planning application. The existing infrastructure consists of on-site tracks and hardstands completed during the initial civils on the site under the previously consented wind farm permission.

The Biodiversity Enhancement Area will feature mainly on the tracks and hardstand area to the northeast of the site and will consist of the reinstatement of acid grassland on these areas.

Another key consideration is the distance between houses and turbines and whilst the current wind energy development guidelines (2006) stipulate a minimum set back distance of 500m, the setback distances on this project are over 900m from houses in the local area.

## Environmental Benefits

Displacing fossil fuels and the emissions created is an important benefit of wind energy. Typically, a 6.9MW wind farm would displace up to 225,000 tonnes of carbon dioxide (CO<sub>2</sub>) being produced by fossil fuels over the 30-year life of the wind farm.

This project can deliver clean, green renewable electricity. It can help lower Ireland's carbon footprint, reduce green-house gases, improve air quality, and help to fight climate change. It will also help the Irish Government deliver on its 2030 renewable energy and climate targets and improve energy of security supply.

