

## **PDEOZE PowerContainer**

# **Solar Energy 4G Base Station in the Irish Industrial Park**



## Overview

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What is an energy park?

An energy park is a site housing a range of low to zero-carbon energy generation and storage assets. Due to the size of BnM's landbank, industrial-scale, high-demand energy users such as data centres can co-locate with these assets, reducing their energy costs and carbon emissions while guaranteeing a secure and reliable source of power.

Will Ireland achieve 8GW of solar energy by 2030?

Ireland has committed to deliver up to 8GW of electricity through solar energy by 2030, and SEAI hopes that this map and its contents will inform and promote the solar energy potential of this country to a wider audience in pursuit of that target.

What are the different layers of solar energy in Ireland?

The solar atlas for Ireland contains various "Solar Energy" layers detailing the different components of solar irradiance and solar generation potential for the country. These layers include: Global Tilted Irradiation. Further details on these layers can be found by visiting the Global Solar Atlas.

How much battery storage capacity does Ireland have?

We currently have more than 300MWs of battery storage capacity in operation in Ireland, making it one of the largest battery portfolios in Europe. We have set an ambitious and bold course of action to help Ireland achieve climate action targets and transition the country to reliable, affordable, net zero energy.

What is BNM Energy Park?

BnM Energy Park will be the location of 200 MW+ of low to zero carbon electricity generation from sources which may include wind, solar and gas, and will house energy storage facilities which may include battery and

hydrogen.

Where is the Poolbeg battery energy storage system located?

The Poolbeg Battery Energy Storage System is located at our Poolbeg Energy Hub in Dublin where some of the latest technologies will support the future delivery of renewable energy including batteries, hydrogen and offshore wind will be deployed over the next decade.

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