

Utility-scale solar dublin



Overview

In February 2024, ESB Networks announced that over 1GW (1,000MW) of solar is now connected to the Irish grid at utility scale and behind the meter – enough to power around 400,000 homes. Of this, approximately 300MW comes from domestic microgeneration, typically solar panels on. Dublin, 13 November 2025 – Ireland celebrated a landmark moment in its clean energy transition, with national solar capacity surpassing 2 GW for the first time. This milestone reflects the remarkable pace of growth in Ireland's renewable energy sector. Aer Soléir operates a resource-lite business model. This is the “utility-scale” game. This game is won not by having lots of houses, but by having three key ingredients: huge tracts of available land, a friendly local council who will let. With big, ambitious solar targets for 2025 and 2030, Ireland hopes to go from Europe's most reluctant solar energy producer to being a world leader in per-capita solar generation. But is it achievable?

And how is Ireland's solar revolution going so. Got unused farmland, rooftop, or car park space?

Find out if it's suitable for solar with a free site assessment. Click below to book your visit today.

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Solar PV Market in Ireland Scored a Record Growth in the

Utility-scale solar power plants (> 5 MW) are a key component of Ireland's transition to clean energy, currently accounting for 51% of the market. The sector saw significant growth following

2 GW of Installed Solar Power Surpassed

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Ireland's solar capacity hits 1.76 GW

Its total installed solar capacity was 1.76 GW at the end of May. Utility-scale solar farms make up the backbone of the new capacity, delivering power directly to the grid.

Bringing Solar Projects to Life , Shannon Energy

Shannon Energy are working to deliver up to 1,000 MW of renewable energy in Ireland by 2030, providing enough power for up to 200,000 homes. Our goal is to assemble a diverse portfolio ...



Solar power: An unexpected champion in Ireland's renewables mix

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Scale of Solar 2025

From rooftops and schools to solar farms and battery-backed hybrid systems, solar is delivering power to over 140,000 homes and currently helping cut more than 395,000 tonnes of CO2 every year.



The Great Irish Sun Rush: Which County is winning the solar race?

It's a story that has less to do with which



county gets the most sun, and more to do with invisible electrical superhighways, hyperactive housing developers, and the powerful economic ...

PureVolt Solar

Given that projects like these tend to progress slowly, and not all of them will be successful, industry leaders and policymakers will need to be even bolder in finding suitable utility-scale solar projects ...



Aer Soléir

Aer Soléir - Irish for "clear air" - is dedicated to accelerating the energy transition in Europe. Headquartered in Dublin, Ireland, we are a developer of utility scale onshore wind, solar PV and ...

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