

Ireland has solar power



Overview

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. Ireland's solar energy increased by 49% in the last year and by 160% since 2023, new figures show today. Currently, we have nearly 8GW of renewable electricity generation capacity installed across the country, with circa 5GW of. In recent years, Ireland has witnessed a remarkable surge in solar energy adoption. “A multiplicity of favourable factors behind this kicked in during 2020-2021, confirmed since then with record grid connections by householders.

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APPLICATION SCENARIOS



New record yearly total for solar energy on the grid

Official metered data shows that by the end of July this year 753 Gigawatt hours (GWh) of solar energy had been supplied on the grid, up from a total of 659 GWh for the whole of 2024.

A Closer Look at The Rapid Growth of Solar Energy in Ireland

As of 2024, Ireland's installed solar capacity has reached new milestones, contributing to the nation's ambitious target of generating 80% of its electricity from renewable sources by 2030.



Ireland's solar energy increases by 160% since 2023

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2 GW of Installed Solar Power Surpassed

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A quiet solar revolution: home rooftops and farms powering a ...

Despite cloudy skies, Ireland is embracing solar power. Private homes and farms across the country generate clean energy, cut bills, and help meet climate targets

Minister O'Brien highlights Ireland's significant renewable electricity

"Ireland has made huge progress in our journey to renewable energy. Wind power supplied approximately one third of national electricity demand in 2024, with renewables accounting for ...



Ireland surpasses 2 GW of installed solar capacity

Ireland's national solar capacity has risen to 2.1 GW as buildout has accelerated since the first utility-scale project came online in April 2022. Ireland

is targeting 8 GW of solar by 2030 .



Ireland's Solar Capacity Surges 160% to a Record 1.76 GW

Ireland has achieved a significant milestone in solar energy development, with its installed capacity reaching an impressive 1.76 GW as of J. According to the International ...



- ✓ 50KW/100KWH
- ✓ HIGHER POWER OUTPUT IN OFF-GRID MODE
- ✓ CONVENIENT OPERATION & MAINTENANCE
- ✓ PRE-WIRED

Ireland Achieves 2GW of Installed Solar Capacity

Ireland has officially reached 2 gigawatts (GW) of installed solar capacity, marking a historic milestone in the country's renewable energy journey and demonstrating that solar is now a ...



Ireland's Solar Revolution: 80% Growth Fuels Sustainable Future

The Irish solar industry is experiencing a remarkable growth spurt, with solar photovoltaic capacity soaring by 80% in 2024, highlighting the country's

commitment to sustainable energy.



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