

# Wind power generation at Irish power stations

A record 4,629MW of wind power was generated in Ireland on 6th December 2023. This post from the ElectroRoute Trading team provides insights into the weather and system conditions that ...

OverviewCapacity GrowthDrivers of wind power expansionState financial supportOffshore wind powerCurrent trendsControversyEnvironmental Impact and Greenhouse gasesAs of 2021, the island of Ireland had 5,585 MW of installed wind power capacity, with 4,309 MW in the Republic of Ireland. In 2020, wind provided over 86% of Ireland's renewable electricity and generated 36.3% of Ireland's electricity demand, one of the highest percentages globally. In 2023, Wind Energy Ireland confirmed that wind farms provided 35 per cent of Ireland and Northern Ireland's electricity in 2023, totalling a r...

New figures published today show that Irish wind farms provided a third of the island of Ireland's electricity in 2025.

As of 2021, the island of Ireland had 5,585 MW of installed wind power capacity, with 4,309 MW in the Republic of Ireland.

Wind Energy Ireland confirmed that wind farms provided 35% of Ireland and Northern Ireland's electricity in 2023, totalling a record breaking 13,725 gigawatt-hours (GWh).

The latest facts and figures about wind energy in Ireland.

A map of Ireland's wind energy resources providing detailed information on wind speeds and current windfarms across the country.

The latest monthly report from Wind Energy Ireland (WEI) highlights the strongest June on record for wind generation, coupled with a notable impact on consumer costs.

The 150 MW of new capacity added in 2025 highlights the country's growing potential to power homes and businesses with clean, affordable energy. Wind farms delivered around 13,634 GWh of electricity across ...

o Assess electricity generation, storage and services technologies for inclusion in power sector portfolios based on their performance against economic, technical, environmental and social criteria in the Irish context.

Onshore wind capacity exceeds 5,000MW, driving Ireland's transition to an energy independent electrostate powered by clean, affordable, Irish energy. Irish wind farms provided a third of the island of ...

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