

# Dublin increased renewable energy penetration

The share of electricity from renewable energy increased fivefold between 2005 and 2020 and there was a sevenfold increase in the annual quantity of renewable electricity generated.

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 ...

In 2022, renewable energy made up just 5.3% of Ireland's total final energy consumption--the lowest percentage among all EU27 countries. By comparison, Sweden led the ...

This wastage is known as "curtailment" and, according to Professor Newbery, it is an underappreciated consequence of high renewable penetration, and is a problem that is particularly ...

While renewable electricity is on the rise, fossil fuels still supply more than 80% of Ireland's total energy consumption. The heavy reliance on oil and natural gas for heating and ...

Ireland has seen a steady increase of RES in final energy consumption over the past decade. The RES share for 2020 includes statistical transfers Ireland acquired to meet its 2020 target.

Based on the latest data from SEAI's full national Energy Balance, this report provides a detailed breakdown of renewable energy use in Ireland over the last 10-years.

Things are moving quickly. Ireland already has onshore wind and solar power on the grid, and renewable generation from these sources will only increase.

The Adapted Transition Pathway highlights the scale of new infrastructure needed to deliver on multiple ambitions, which would result in both high demand growth and renewable penetration in power supply.

Department launches "Our Energy. Our Future." campaign to highlight benefits of renewables to households and businesses Minister for Climate, Energy and the Environment ...

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