

Are data centers consuming too much energy in Ireland?

Ireland embraced data centers that the AI boom needs. Now they're consuming too much of its energy. CLONDALKIN, Ireland (AP) -- Dozens of massive data centers humming at the outskirts of Dublin are consuming more electricity than all of the urban homes in Ireland and starting to wear out the warm welcome that brought them here.

Does Ireland need a data center?

Not only that, but Ireland is still heavily reliant on burning fossil fuels to generate electricity, despite a growing number of wind farms sprouting across the countryside. Further data center expansion threatens Ireland's goals to sharply cut planet-warming emissions.

What will Ireland's energy supply look like in 2022?

Petrol demand may be 7.4% higher than in 2022 and reach 96.5% of the pre-COVID demand observed in 2019. Transport emissions may be 11.8 MtCO₂e, up slightly on 2022 emissions. In the first 9 months of 2023, Ireland imported 9.1% of its electricity supply, up from 1.1% in 2022.

Why is Ireland still reliant on fossil fuels?

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Are data centers causing nitrogen oxide pollution in Ireland?

Ireland's Environmental Protection Agency has also flagged concerns about nitrogen oxide pollution from data centers' on-site generators -- typically gas or diesel turbines -- affecting areas near Dublin. A crackdown began in 2021, spurred by projections that data centers are on pace to take up one third of Ireland's electricity in this decade.

How did energy demand change in Ireland in 2023?

Ireland's total energy demand increased by 0.8% in 2023, led mainly by increased energy demand for transport (up 4.5%) and from the commercial services sector (up 6.9%), which includes data centre demand. Increased demand for transport energy came mainly from private car use and aviation, which accounted for 40% and 22% respectively.

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1 ??· Decades of rapid extraction fostered Ireland's energy independence and employed scores of

workers in turf-cutting, briquette factories and power plants. But it also polluted the ...

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The full report presents the latest national data and trends on energy efficiency and renewable energy in Ireland. It also looks at how these energy trends relate to Government and EU renewable energy targets.

1 ??· Statkraft's managing director for Ireland, Kevin O'Donovan, said data centers are actually helping to accelerate Ireland's clean energy transition. "For a lot of the mainland European ...

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Andrew Hickey is Commercial Manager at Hitachi Energy Ireland providing sustainable energy solutions that facilitate reliable and efficient system integration of the future digital electric grid. Andrew has 20 years of industry experience, including five years of delivering electrical systems and grid interconnection across multiple sectors. ...

National energy related emissions decreased by 8.3% in 2023 reaching their lowest level in thirty years. The data shows good signals of progress, but Ireland will have to ...

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Education/Qualification: Diploma in the Health and safety field from a recognized institution or equivalent. Additional professional qualifications in HSE, incident investigations, First Aid, and Fire & Safety Management Systems.

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