

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.

Why is Ireland halting new data centers near Dublin until 2028?

Fears of rolling blackouts led Ireland's grid operator to halt new data centers near Dublin until 2028. These huge buildings and their powerful computers last year consumed 21% of the nation's electricity, according to official records. No other country has reported a higher burden to the International Energy Agency.

Does Ireland have a higher energy burden than other countries?

No other country has reported a higher burden to the International Energy Agency. Ireland is a "microcosm of what many countries could be facing over the next decade, particularly with the growth of AI," said energy researcher Paul Deane of University College Cork.

Why is Ireland still reliant on fossil fuels?

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.

1 ?&#0183; 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 ...

By the end of 2020, around 4.4 gigawatts of onshore wind energy were connected to the grid in Ireland. ABO Energy in a good position. ABO Energy Ireland Limited has already installed turbines in Glenough, Gortahile, Gibbet Hill, Cappawhite ...

Chairperson, Renewable Energy Ireland. Dr Tanya Harrington is the Chairperson of Renewable Energy Ireland. Tanya is a public policy and regulatory affairs professional with over 20 years" experience in helping ...

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1 ?&#0183; 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 air and ...

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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. ...

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On June 5, 2024, Camel Energy GmbH (hereinafter referred to as "Camel Germany"), the European headquarter of Camel Group, was officially unveiled in D&#252;sseldorf, Germany, marking a solid step forward in the globalization strategy of Camel Group. Many industry leaders and partners witnessed this important moment together.

Ireland's energy supply remains heavily dependent on imported fossil fuels. In 2023, 82.6% of Ireland's energy came from fossil fuels. Ireland set a record high of 23.38 TWh in renewable energy use across electricity, transport, and heat for 2023, however its overall renewable energy share (RES-overall) was just

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