

Are Irish people reluctant to change their energy behaviour?

Today, a significant part of the Irish populace remains reluctant to change their energy behaviours as revealed in our recent "Powering tomorrow" report. For example, only 1 in 5 express an interest in switching to an electric vehicle over the next 5 years with 50% naming price as the main barrier.

Is offshore wind a good resource for Ireland?

According to Wind Energy Ireland, in 2022 wind energy provided 34 per cent of the State's electricity needs, helping consumers to avoid paying over EUR2 billion for natural gas. But offshore wind also offers immense potential and to date has been an untapped resource for Ireland, O'Brien notes.

Is Ireland a leader in onshore wind generation?

"Ireland's renewable electricity supply has grown from five to 39 per cent since 2005, leading to Ireland becoming a global leader in onshore wind generation. But Ireland's electricity demand is growing quicker than we can build renewable generation infrastructure, which is making hitting the target more challenging," says Delahunty.

How will the 2024 energy year impact Ireland?

This could have several implications for the 2024 energy year in Ireland. Opportunities for renewables growth will need to be consolidated with issues like mandates for energy efficiency and accommodating for large energy users. We need to ensure that short-term challenges do not restrict opportunities for long-term growth.

How can EirGrid help achieve Ireland's Climate Ambition?

"The transition to an electricity grid powered predominantly by renewable energy is critical to achieving Ireland's climate ambition and EirGrid is working with partners, stakeholders and engaging with society to deliver critical infrastructure which will support this transition," says Liam Ryan, chief planning and innovation officer with EirGrid.

Is Ireland a good place to invest in wave energy?

Speaking to SiliconRepublic.com at the start of this year, Dr Andrei Ermakov from Maynooth University said that Ireland has "one of the best wave resources on the planet". He is also working in the wave energy sector to make it cost-effective and maximise the energy produced.

The fifth edition of the Energy in Northern Ireland report was published on 20 June 2024. Share this page
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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



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industry experience, including five years of delivering electrical systems and grid interconnection across multiple sectors. ...

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Ireland imports almost 82% of its energy in the form of oil and gas. As Ireland continues to diversify its energy sources in line with an overall objective of reducing carbon emissions to zero by 2050, we have a look at where our energy comes from, what efforts are being made to increase renewable energy production in Ireland and how these influence the ...

We are currently recruiting the following positions based in Ireland. Find more roles on LinkedIn. All Stamullen Dundalk Kingscourt Monaghan. Facilities Manager. Stamullen. PMO (Program Management Office) Analyst. Stamullen. Logistics Driver/Co-ordinator. ... ISO 50001 Energy Management System.

Incentivising the microgeneration of energy through solar PV could be the key to diversifying Ireland's energy mix. The potential future role of solar energy in Ireland's move to be carbon neutral in 2050 was indicated by the volume of solar projects successful in Ireland's first RESS-1 project. However, probably more indicative of the ...

Our position as one of Ireland's leading renewable energy developers can be attributed to over 30 years experience in civil, electrical and mechanical contracting in addition to our highly skilled engineering and technical staff. Enerco has a portfolio of low-carbon energy projects and a proven track record of providing innovative, high ...

Ireland: Energy intensity: how much energy does it use per unit of GDP? Click to open interactive version. Energy is a large contributor to CO₂ - the burning of fossil fuels accounts for around three-quarters of global greenhouse gas ...

Ireland 2050 is an Energy Institute initiative to empower and enable everybody to participate in the debate about Ireland's energy future. The site is in three sections: The Past: How we came to be here; The Present: Questions and responses to issues within the current energy system; The Future: A tool to explore our future energy choices

Energy Storage Ireland is a representative association of public and private sector organisations who are interested and active in the development of energy storage in Ireland and Northern Ireland. Our vision // Delivering the energy storage technologies to enable a secure, carbon free electricity system on the island of Ireland by 2035.

Over three quarters of Ireland's energy in 2023 came from oil and gas, with 48.8% of Ireland's energy coming from oil for refining, heating, and transport. Ireland used 39.9% less coal, 19.0% less peat, and 7.2% less

natural gas in 2023 than in 2022, driven by reductions in fossil-fuel generation of electricity, and reduced heating demand.

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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

2 %; It should also be noted that Ireland increased its imported energy in 2023 and 2024. For example, today's report shows Ireland's net imported electricity accounted for 9.5pc of electricity ...

The branch has also created the Ireland 2050 calculator online tool, designed to help understand how energy works and what choices are required in order to provide a secure, stable and sustainable energy system. Ireland 2050 is part of a wider Energy Institute programme to promote understanding of our energy system.

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 organisations drive the effectiveness and performance of their policy-focused teams.

Web: <https://phethulwazi.co.za>

