

# IRELAND WIND ENERGY



OverviewCapacity GrowthDrivers of wind power expansionState financial supportOffshore wind powerCurrent trendsControversyEnvironmental Impact & Greenhouse gases



We recently conducted a report on behalf of Wind Energy Ireland. The consultation was carried out with several key stakeholders across the renewable energy industry in Ireland. The report highlights key challenges and recommendations for accelerating Ireland's onshore renewable development.



practices and uses for wind energy and supporting technologies in Ireland. Wind Energy Ireland Our Strategic Objectives 1. WEI will develop a roadmap for the delivery of a secure zero-carbon electricity system in Ireland and Northern Ireland by 2035, with the purpose of establishing this as a Government endorsed target by 2025. 2.



The potential for wind energy in Ireland is enormous, and the sector is growing across the island. Check out the latest stats: Wind Farms in Ireland . Just Under 400. The number of wind farms on the island of Ireland. Just Over 300. The ???



Building a zero carbon Ireland. Our 2022 Strategic Plan sets out our vision for Ireland - a net-zero emissions electricity system, with wind energy at its heart, by 2035. We will do this by building evidence to support a sustainable and economic transition, building support for enabling policy and regulatory decisions, building knowledge to



Strongest ever October performance as wind energy pushes prices down. The October Wind Energy report shows that wind energy provided 47 per cent of Ireland's electricity in October 2022, making it the country's chief source of electricity last month. The latest figures mean that wind energy

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has supplied 33 per cent of Ireland's

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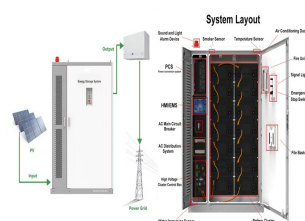
Noel Cunniffe, CEO of Wind Energy Ireland said: "Wind power is our number one, and cheapest, source of renewable energy. Irish people want the affordable, clean energy that wind farms provide. "We believe that the General Election provides an opportunity for candidates to be ambitious in their vision for Ireland's energy future and to



Already Ireland has an offshore wind energy pipeline of more than 12 GW at various stages of development, enough to supply more than Ireland's electricity needs. Beyond 2030, as the costs of developing and connecting floating offshore wind energy continue to fall, progress towards a net-zero electricity system will become unstoppable.



Background to this Study This report presents findings on the capacity of offshore wind required in Ireland to meet domestic emission reduction targets from 2021 to 2050 known in this report as "NetZero" and also look at the additional available potential for offshore wind for "NetExport" to other countries. We base our findings on simulations of Ireland's future energy requirements to



Welcome for EU renewable energy target announced today; 24 May 2018  
Global Wind Day - See what your local wind farm is doing here; 02 May 2018  
Global Wind day - What have you planned? 04 April 2018  
Career opportunities with the Irish Wind Energy Association; 03 April 2018  
Irish Wind Energy Association new CEO takes the reins; 28 March 2018



The Wind Energy Ireland team will review the main benefits of membership so you can get the most out of your membership in 2025. 23 January 2025 14:00 - 23 January 2025 15:00 Online. Webinars. **READ MORE.** The RE:HARRIER Project: Understanding Hen Harrier Interactions with Wind Farms Join us for a webinar on the RE:HARRIER project, which explores

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About Wind Energy Ireland Wind Energy Ireland represents Ireland's wind energy industry, working to promote wind energy as an essential, economical and environmentally friendly part of the country's low-carbon energy future. Our 200+ members have come together to plan, build, operate and support the development of the



Wind energy is Ireland's greatest weapon in responding to the climate emergency. In 2020 Irish onshore wind farms saved 4.5 million tonnes of the CO2 emissions which are destroying our planet. That is double the savings delivered by every ???



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Wind delivers. ??? Wind power is Ireland's number one source of clean energy and provided 38 per cent of the country's electricity over the first four months of 2024. ??? Wind energy drives down the wholesale price of electricity, often by as much as half, helping us all feel the impact of wind energy in our wallets.

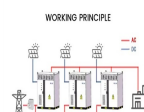
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2MW / 5MWh  
Customizable



According to the Sustainable Energy Authority of Ireland in 2017 wind cut our CO2 emissions by almost 2.7 million tonnes and avoided more than ???220 million in foreign fossil fuel imports. The Environmental Protection Agency credits wind energy with cutting the carbon intensity of our electricity system ??? the amount of CO2 emitted to produce



Wind Energy Ireland is committed to promoting the use of wind energy in Ireland and beyond as an economically viable and environmentally sound alternative to fossil fuels. Wind Energy Ireland For a better experience and services we are using cookies on our website I ???



Investment in wind energy is big in Ireland. The Energia Group have launched a "Positive Energy" Programme, which will invest over ???3 Billion in Irish renewable energy generation and related systems over the next 5 years. This will create over 200 new jobs directly across the Energia Group in areas such as customer energy solutions and



This will help inform the public and educate our children about the nature and extent of Ireland's wind energy resources. What you will find in this map. The wind atlas for Ireland is calculated for different heights above ground level on a nationwide 100 metre grid basis. The standard Atlas displays onshore wind speeds at 20, 30, 40, 50, 75



In a major statement of commitment to Irish offshore wind energy Minister Eamon Ryan TD this morning told delegates at the Wind Energy Trade Show 2024 that a new, second, offshore wind auction will run in 2025. Noel Cuniffe, CEO of Wind Energy Ireland, said: "This is a tremendous boost for Irish offshore wind energy. It sends a message



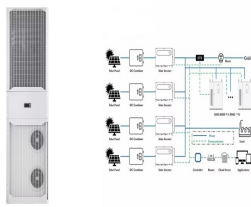
Wind Energy Ireland have formed an Electrification Working Group that is accelerating the electrification of heat and transport in Ireland. We all must work together to put in place the right policies and the right technologies to electrify our heat and transport sectors. We must invest in the electricity

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grid, prioritise flexible access to the

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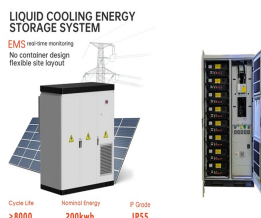
4 Accelerating onshore renewable energy in Ireland Foreword Noel Cunniffe CEO, Wind Energy Ireland Accelerating onshore renewable energy in Ireland Wind Energy Ireland welcomes this consultation report conducted by KPMG. We believe it is a valuable piece of industry research with important findings which come at a critical time for our industry.



Wind farms provided 32 per cent of Ireland's electricity in the first ten months of 2024. Wind generation in Ireland was the third highest on record for an October month, according to Wind Energy Ireland, which today published its monthly wind energy report. 18 Nov 2024

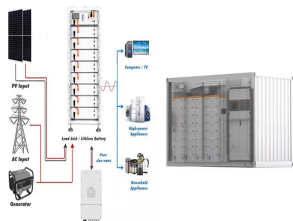


Wind Energy Ireland's latest report reveals that despite a decrease in wind power generation compared to previous Novembers, the second half of the month saw a resurgence of strong winds, with wind farms generating 29% of Ireland's clean electricity in November alone. Solar and other renewable sources provided 3% of the country's power



The wind atlas may be used for making an initial check on whether or not a site has a high enough speed for a wind energy project. DCCAE: Department of Communication, Climate Change, and Environment's website has information ???

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Wind Energy Ireland has set up a Policy & Research Fund to progress the key objective of the WEI 2022-2025 Strategy - to lead Ireland to a zero-carbon electricity system by 2035. The revenue from this new funding is ring-fenced for the WEI Policy & Research team to drive the policies that will delivery this objective, cut our carbon emissions



carbon Ireland Wind Energy Ireland Strategy 2022 - 2025. Wind Energy Ireland Our Vision We will lead Ireland to a zero-carbon electricity system by 2035. Wind Energy Ireland Our Mission Statements We will sustainably deliver the Government's 2030 onshore and offshore wind targets at the best possible value for



Wind Energy Ireland (WEI) welcomes the Commission's REPowerEU Plan and the proposal to increase the 2030 Renewable Energy target to 45%. 2. With our vast renewable resources, Ireland has a key role to play in ending the EU's dependency on Russian gas, but support for enhanced cross-border cooperation on