

# Ireland gravity energy storage



## Overview

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In what could be Europe's first, FuturEnergy Ireland has proposed a project that could store energy for up to 100 hours and be operational for 30 years.

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### [New batteries based on rusting will help make Ireland's](#)

FuturEnergy Ireland, a joint venture between Coillte and ESB, has been granted planning permission to build Europe's first iron-air battery facility, a

### [Clonakilty has become Ireland's first autism-friendly town](#)

Clonakilty, in County Cork, Ireland, has put itself on the map by going the extra mile to include people on the autism spectrum.



### [Global Gender Gap 2024: What needs to happen to reach gender parity?](#)

The majority of the top 10 most gender-equal countries are in Europe, with Ireland and Spain re-entering the top 10 this year. Here's what you need to know about the four gender gaps

## Electricity market integration of utility-scale battery energy storage

We find that battery energy storage can become one of the cornerstones of the energy storage portfolio in Ireland and also one of the few options which can enable the Irish electricity





## Battery storage - a key pillar of enabling a net zero carbon emissions

BESS and other forms of storage are a key pillar in Ireland's future electricity system, together with renewables and the back-up generation that is currently provided by natural gas, and

### [Ireland's energy storage could increase eightfold by](#)

"This would increase Ireland's energy storage capacity almost eightfold - enough to power every home in Ireland twice over on a still, cloudy



## Tyndall National Institute

Tyndall is host to both the Irish Photonic Integration Centre (IPIC) and the Microelectronics Circuits Centre Ireland (MCCI), and is a collaborator in the CONNECT Centre for Future Networks &

## Ireland's inspiring idea to go greener

Ireland has ambitious plans to harness the power of trees, combating climate change and making the Emerald Isle even greener.



### [Form Energy and FuturEnergy Ireland Announce Agreement To](#)

Somerville, MA - Form Energy, an American energy storage company, and FuturEnergy Ireland, a leading Irish clean energy developer, today announced an agreement to jointly deploy

a 10

## How AI can empower, not replace, human creativity

Ethical standards, collective action and responsible innovation will ensure AI elevates human creativity rather than sidelining it.



## Why energy storage systems hold key to unlocking Ireland's

Energy storage systems are vital to Ireland's renewable ambitions. Learn how batteries, long-duration storage and grid upgrades will help deliver clean power

## **Energy Storage Ireland**

Energy Storage Ireland is a representative association of public and private sector organisations who are interested and active in the development of energy



## **Duncan Crabtree-Ireland**

Duncan Crabtree-Ireland is the National Executive Director and Chief Negotiator of SAG-AFTRA. In this capacity, he oversees the world's most influential entertainment union, comprised of

## **Gorman Battery**

The Gorman battery system, with an installed capacity of 50 MW, is our world's first commercial-scale battery system and the first in



Ireland. This project is part of our commitment to promoting battery



### [Why has Ireland's recovery been so strong?](#)

The recession in Ireland was long and deep, but has been followed by a marked recovery. David Haugh looks at why this is and what the future holds.

### **Ireland becomes the 'world's first' country to commit to divesting from**

Ireland committed to divesting public funds from fossil fuel companies on Thursday after parliament passed a bill forcing the 8.9 billion euro (\$10.4 billion) Ireland Strategic Investment Fund



### [Ireland in line for 1 GWh iron-air battery storage project](#)

Ireland could host Europe's first large-scale, iron-air project southwest of Buncrana town in Donegal County. The 10 MW facility proposed by

### [Statkraft to build Ireland's first 4-hour battery energy](#)

Statkraft announces it will build Ireland's first four-hour grid-scale battery energy storage system (BESS) in Co. Offaly, co-located with Cushaling



### [Davos 2025: What to expect and who's](#)



[coming?](#)

Davos 2025, the Annual Meeting of the World Economic Forum, takes place from 20-24 January under the theme, Collaboration for the Intelligent Age.

### [Everything you need to know about Ireland's economy](#)

Although it was among the nations hardest hit by the 2007/8 economic crisis, Ireland's economy has bounced back.



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