

SolarInvert Energy Solutions

UK invests in energy storage charging stations



Overview

A new era for renewable power and energy security begins today (Tuesday 8 April) as Ofgem launches a new cap and floor investment support scheme, unlocking billions in funding to build major Long Duration Electricity Storage projects for the first time in 40 years. What if the UK has a strong energy storage industry?

If the UK establishes a strong domestic energy storage industry, it can export storage capacity and technologies. Storage would reduce the UK's dependence on costly, polluting and uncertain fossil fuel imports. Great Britain currently has 2.8 gigawatts (GW) of LDES across four Pumped Storage Hydro (PSH) facilities in Scotland and Wales.

Will Macquarie invest in a fast-charging electric vehicle network?

Among the key infrastructure investments highlighted by the firm as part of its announcement was a plan to roll out a network of fast-charging electric vehicle infrastructure across the UK through Macquarie's portfolio company Roadchef.

How much will Macquarie invest in the UK?

Global financial services group Macquarie announced today plans for £20 billion in infrastructure-focused investments in the UK, encompassing energy transition-focused areas such as EV charging and renewable energy, in addition to digital infrastructure and other areas.

Will Scotland's new EV charging hub accelerate UK's transition to electric vehicles?

This includes the recent launch of Scotland's most powerful EV charging hub in Dundee in July and the upcoming launch of their first hub in the Republic of Ireland, at Lough Sheever Retail Park in Mullingar. "Source is a fantastic initiative with great potential to accelerate the UK's transition to electric vehicles.

How many EV charging hubs will source deploy in the next 5 years?

Within the next 5 years, Source will deploy up to 3000 high power charge points (of 150 kW and more) grouped in 300 “EV hubs”, targeting 20% market share. Charging hubs will be in prime locations in and around urban areas and powered by renewable energy provided by SSE and TotalEnergies.

Is the UK ready for a new pumped storage hydropower facility?

“This is a historic moment for the UK’s energy system. We’ve not built a new Pumped Storage Hydropower (PSH) facility in nearly 50 years, but with over 10GW and 200GWh of shovel-ready projects, the Hydropower sector stands ready to deliver.

UK invests in energy storage charging stations



IKEA UK invests in EV charging infrastructure

IKEA UK has today announced a £4.5million investment in a nationwide electric charging infrastructure, which will provide charging points ...

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EDF signs deal with Fidora Energy for UK battery storage project

1 day ago· Thorpe Marsh is set to become the UK's largest battery storage site and among the largest in Europe, with a total planned capacity of 1.4GW (2.9GWh). Built by Fidora Energy on ...

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Development of the UK's Energy Storage Industry: Current

The recent development of the UK's energy storage industry has drawn increasing attention from overseas practitioners, achieving significant progress in recent years. According ...

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Advancing UK's public commercial vehicle charging ...

As the United Kingdom accelerates its transition to zero-emission transportation, the development of a robust public charging network for ...

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Charging Forward: Gigawatt scale UK battery storage ...

Charging Forward: Gigawatt scale UK battery approved, offshore wind and energy storage co-location, DC microgrids and more Energy Voice ...

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National Wealth Fund invests £200m in UK battery storage firm

In this week's Charging Forward, the UK's National Wealth Fund is set to invest £200 million into newly formed battery storage platform Eelpower Energy. Infrastructure fund ...

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Nuvve, WISE EV partner to expand public EV charging stations

The company, headquartered in San Diego, California, aims to accelerate EV adoption and support clean energy transitions. WISE EV, based in Las Vegas,

focuses on ...

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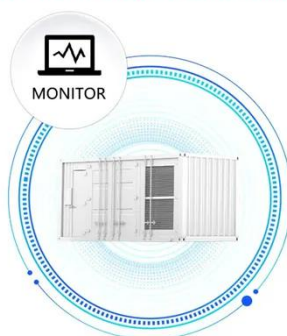
UK government to invest US\$15m in battery storage ...

Around 20 energy storage systems (ESSs) are to be deployed at roadside service stations in the UK where the grid supply isn't enough for ...

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Top 20 electric vehicle charging infrastructure companies in 2025

15. BYD The world's largest EV manufacturer is also investing in charging infrastructure. BYD's new 1,000 kW "flash-charging" stations support its solid-state battery ...

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Ofgem super-charging clean power storage for first time in 40 years

Ofgem has launched a new cap and floor investment support scheme, unlocking billions in funding to build major Long Duration Electricity Storage projects for

the first time in ...

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Top 13 Energy Storage startups in UK

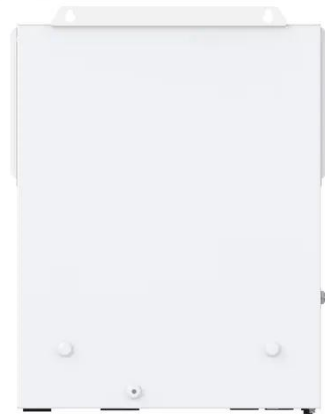
Industrial Power Response develops energy storage systems for intensive applications. Its proprietary energy storage technology is designed for electrifying industrial ...

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UK government to invest US\$15m in battery storage to support ...

Around 20 energy storage systems (ESSs) are to be deployed at roadside service stations in the UK where the grid supply isn't enough for rapid charging infrastructure, the ...

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EV charging , What we do , Home

With over a century of energy experience fuelling vehicles to move people and goods, bp constantly looks for new ways to meet our customers' needs. And, ...


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British startup gets \$122 million funding for green charging stations

Britain's Aegis Energy has secured a 100 million pound (\$122 million) investment from private equity firm Quinbrook Infrastructure Partners to build five multi-energy filling ...

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Top 13 Energy Storage startups in UK

Industrial Power Response develops energy storage systems for intensive applications. Its proprietary energy storage technology is designed ...

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Engie Invests EUR 1.2 Billion to Modernize Pumped Storage Stations

...

Engie announced on Wednesday an investment of approximately EUR1.2 billion in the renovation of its two

pumped-storage hydroelectric power stations in North-East Wales, United ...

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The \$1bn battery: record-sized plant will store North Sea wind power

2 days ago· Work will start on the world's most powerful battery to store wind and other renewables after its developer secured more than \$1bn of debt and equity funding. The Thorpe ...

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British startup gets \$122 million funding for green ...

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TotalEnergies & SSE: Boosting EV Charging Infrastructure

Its commitment extends to sustainable solutions, including EV charging and renewable energy integration, ensuring the region's diversified and resilient

energy portfolio. ...

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Energy Storage Systems in EV Charging , Electric Car ...

Energy storage systems serve as a critical component in both the residential and commercial electric vehicle (EV) charging infrastructure. ...

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Aegis lands £100 million to build 30 new UK hydrogen refuelling stations

Aegis Energy has landed £100 million in funding from Quinbrook Infrastructure Partners to build the UK's first clean, multi-energy refuelling hubs for commercial vehicles.

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Macquarie Plans £20 Billion Infrastructure Investments in UK

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TotalEnergies and SSE launch Source, an EV Charging joint ...

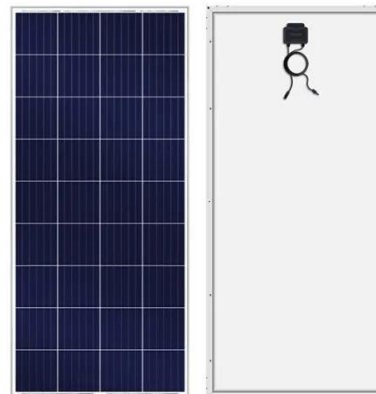
TotalEnergies and SSE have signed a binding agreement to create a joint venture to establish a new major player in EV charging infrastructure in the UK and Ireland, under the ...

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Aegis lands £100 million to build 30 new UK hydrogen refuelling ...

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Hinduja Group invests INR7500 Cr boost to Tamil Nadu's EV sector

6 days ago· Hinduja Group invests INR7500 cr: In a momentous announcement on September 6, 2025, during his UK visit, Tamil Nadu Chief Minister M. K. Stalin revealed that the Hinduja ...


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? BP invests £1 billion in charging stations

The charging stations will be built over a ten-year period and will triple the number of charging stations BP has in the UK. To supply the stations with electricity, BP intends to ...


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Charging Forward: TotalEnergies invests in UK battery storage ...

TotalEnergies, Drax, New Energy Partnership and Queequeg Renewables all feature in the latest UK energy

storage update.

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