

MONTHLY ENERGY WRAP-UP

# NOTHING BUT NET ZERO

## This Month in Net Zero MAY EDITION

In May, the global energy sector saw rapid developments as nations and companies took both bold and contentious steps toward — or away from — a net-zero future. Europe is adopting generative AI to modernise energy systems and improve grid resilience, while EU countries face a key deadline to update renewable energy targets.

The UK announced a £300 million investment in offshore wind, and the UAE's Masdar issued a \$1 billion green bond for global renewable projects. In the Middle East, Abu Dhabi is planning the region's largest hydrogen facility, and Morocco revealed a \$24 billion plan to add 12.5 GW of renewable capacity by 2030.

Globally, solar energy has overtaken hydropower as the top renewable source. The U.S. is gearing up for significant expansion in solar and energy storage in 2025. India has tripled its renewable capacity in the last decade and is now targeting 500 GW by 2030.

However, over 85% of the Asia-Pacific region still relies on fossil fuels. Controversial tax and gas project decisions in the U.S. and Australia risk slowing progress. Meanwhile, Pacific Island nations are urging a stronger, more inclusive global climate response ahead of COP, as the world nears critical warming limits.



# EUROPE

## Europe backs generative AI to drive clean energy transformation

The EU is leveraging generative AI to modernise its energy infrastructure by optimising grid operations, improving renewable energy forecasting, and enhancing system resilience as part of its broader digitalisation and AI innovation strategies.

[Read the full article here](#)

## Prime Minister launches major boost for UK clean energy industry

The UK Prime Minister has announced a £300 million investment through Great British Energy to accelerate clean energy development, aiming to attract global offshore wind investment, create jobs, and strengthen domestic supply chains.

[Read the full article here](#)

## Renewables Directive sectoral targets reach transposition deadline

As of 21 May 2025, EU Member States are required to implement updated sector-specific renewable energy targets under the revised Renewable Energy Directive, aiming for at least 42.5% renewable energy by 2030. The directive sets binding and indicative targets across heating and cooling, industry, and transport sectors, and mandates national measures to enhance energy system integration and sustainability.

[Read the full article here](#)





# MENA

## **Masdar places USD-1bn green bond to fund greenfield renewables**

Masdar has raised \$1 billion through its third green bond issuance, bringing its total green bond program to \$2.75 billion, with proceeds dedicated to funding new greenfield renewable energy projects, particularly in emerging markets.

[Read the full article here](#)

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## **Morocco to add 12.5 GW of renewables by 2030**

Morocco plans to integrate 12.5 GW of new renewable energy capacity into its grid by 2030, backed by a \$24 billion investment plan supported by €341 million from the EU, EIB, and KfW, including the development of a 1,400 km HVDC transmission line to enhance power supply security.

[Read the full article here](#)

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## **The largest hydrogen manufacturing facility in the Middle East will be located in KEZAD Area A, Abu Dhabi**

Abu Dhabi will host the Middle East's largest green hydrogen manufacturing facility at KEZAD, supporting the UAE's goal to become a global leader in clean energy and hydrogen production.

[Read the full article here](#)

# US

## **Solar power eclipses hydro as US sees record generation growth**

In 2025, U.S. solar power generation surpassed hydroelectric power for the first time, driven by a 44% year-over-year increase and marking a significant shift in the nation's renewable energy landscape.

[Read the full article here](#)

## **Trump's tax bill to cost 830,000 jobs and drives up bills and pollution emissions, experts warn**

A Republican push to dismantle clean energy incentives threatens to reverberate across the US by costing more than 830,000 jobs, raising energy bills for US households and threatening to unleash millions more tonnes of the planet-heating pollution that is causing the climate crisis, experts have warned.

[Read the full article here](#)

## **US solar and energy storage set for major growth in 2025**

According to EIA's latest Preliminary Monthly Electric Generator Inventory report, the U.S. power grid is expected to add 63 gigawatts (GW) of new utility-scale electric-generating capacity in 2025.

[Read the full article here](#)





# ASIA

## **Over 85% of APAC's energy generation comes from non-renewables**

In its latest report, ACEC said that the region “remains heavily reliant on fossil fuels, with over 85% of its energy still sourced from non-renewable sources.”

[Read the full article here](#)

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## **India triples renewable energy capacity in a decade**

India's renewable energy capacity has tripled over the past decade, reaching 232 GW as of May 2025. The nation aims to more than double this figure to 500 GW by 2030, solidifying its position as a global leader in clean energy.

[Read the full article here](#)

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## **We bear the brunt of the climate crisis. A Pacific Cop could help shape the global response**

Cop31 would also be an opportunity to shine a light on Australia's efforts to accelerate the transition of its historically carbon-intensive economy and to demonstrate the multiple benefits that can flow from renewables and new green industries.

[Read the full article here](#)



PODCAST

# EVERYTHING ABOUT HYDROGEN

EPISODE: IT'S ALL ABOUT PEOPLE

**George Richardson**, Director in our Global Energy Practice, recently joined the **Everything About Hydrogen** podcast to share insights from the people side of hydrogen and clean tech - where talent, leadership, and market sentiment intersect.

In the conversation, George explored how shifts in perception (and investment) are shaping hiring trends, why some companies continue to pursue strategic hires, and what it takes to build resilient, high-performing teams in high-growth, high-change environments. He also offered grounded perspectives on current hiring dynamics and discussed why the 2024 hydrogen pullback may reflect perception more than actual performance.

If you're thinking through similar challenges in clean energy around hiring, leadership, or team building, don't hesitate to get in touch with George.



**George Richardson**  
Director, Global Energy Practice



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