

PRESS RELEASE

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HyNet North West and InterGen announce plans for a Zero Carbon Power Plant.

HyNet North West and independent power producer InterGen have released exciting plans to collaborate to create a low carbon power station at InterGen's Rocksavage Power plant in Liverpool City Region.

Expected to begin in the mid-2020s, the partnership could reduce the carbon dioxide (CO₂) emissions from the power station in Runcorn by over 150,000 tonnes each year, the equivalent of taking 60,000 cars off the road every year.

The plans are part of an ever-increasing list of benefits to the region from HyNet North West. Situated across one of the UK's largest industrial areas which supports the highest number of manufacturing jobs of any UK region¹, HyNet North West will bring clean growth to safeguard jobs, and create thousands of new employment opportunities.

HyNet North West will begin decarbonising the North West and North Wales region from as soon as 2025, replacing fossil fuels currently used for electricity generation, industry, heating homes and transportation with clean hydrogen. The project will also capture and lock up carbon which is currently emitted into the atmosphere.

InterGen have owned and operated the gas-fired Rocksavage plant for nearly 25 years. It anticipates that by 2028, Rocksavage will have enough hydrogen produced by HyNet to move towards a 100% net zero power generation power station as the Gas Turbine technology becomes available.

InterGen's Rocksavage Plant Manager Dan Fosberg said: "Rocksavage has been safely generating energy to power the north west for nearly 25 years. But in order to meet the UK's net zero targets, traditional generation needs to adapt. HyNet North West will allow us to pivot our operations as we transition to a low-carbon world. The proximity of the Rocksavage Power Plant to the HyNet North West hydrogen network provides us with an exciting and unique opportunity. As soon as the first stage of the hydrogen network is available at Runcorn, InterGen intend to modify the existing generating plant to consume a blend of hydrogen with natural gas and start to reduce our emissions. The HyNet North West project milestones mean that Rocksavage could be the first plant in the UK to blend Hydrogen with natural gas, a step forward for the industry in the target for net-zero. Once the gas turbine technology becomes available, we will explore options with HyNet North West to create a zero emissions power station using 100% hydrogen."

The project will play a big part in supporting Liverpool City Region in its commitment to reach zero carbon by 2040 and accelerate the UK's transition to net zero by 2050.

¹ employing 345,000 people in 2019 – Office of National Statistics

HyNet North West

Steve Rotheram, Metro Mayor of Liverpool City Region, said:

“Putting the Liverpool City Region at the heart of the Green Industrial Revolution is one of my top priorities. With our existing strengths in green energy, we have the potential to become the UK’s renewable energy coast.

“I am committed to doubling the number of green jobs in our region and exciting projects like HyNet will be a key part of that. We’re going to lead the way, not only in doing our bit to tackle climate change, but in pioneering new and innovative technology that in turn attracts more jobs and investment to our region.”

David Parkin, HyNet North West Project Director, said:

“HyNet North West will play a big part in tackling climate change across the region from 2025 by reducing the region’s carbon emissions by 25% within just five years. It will ensure the region remains an attractive location for investment and for companies to grow through the establishment of a clean economy, protection of skilled jobs and creation of thousands of new long-term employment opportunities.

“Our partnership with InterGen at Rocksavage shows just how great an impact HyNet will have on the region – decarbonising homes, workplaces, travel and industry.”

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About HyNet North West

HyNet North West is a low carbon energy project at the forefront of the UK’s journey to a Net Zero future, being developed by a consortium of world-leading organisations.

From 2025, HyNet North West will produce, store and distribute hydrogen as well as capturing and storing carbon. It will decarbonise the North West of England and North Wales through the creation of state-of-the-art infrastructure.

This game-changing project has the potential to reduce carbon dioxide (CO₂) emissions by 10 million tonnes every year by 2030 – the equivalent of taking four million cars off the road. HyNet North West will create and maintain thousands of local jobs, as well as enable long-term sustainability for businesses and financial security for communities across the region.

The HyNet North West consortium includes Progressive Energy, Cadent, Essar, Inovyn, Eni, University of Chester, CF Fertilisers and Hanson.

www.hynet.co.uk

About InterGen

InterGen is a uniquely independent energy company. Today, we own and operate power stations in the UK that provide secure, flexible and affordable energy supplies to consumers.

HyNet North West

Our goal is to support the journey to a stable, dependable energy future. One where all our customers, stakeholders and the wider community trust us to deliver the flexible electricity solutions that everyone will rely on in a low carbon world. Our growth strategy supports developments that span the transitional generation mix, both in the UK and Australia, combining highly flexible assets with emerging, innovative technologies in the low carbon sphere.

The world is changing, and we're proud to be playing an active role in the unfolding energy story for generations to come.

www.intergen.com

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