

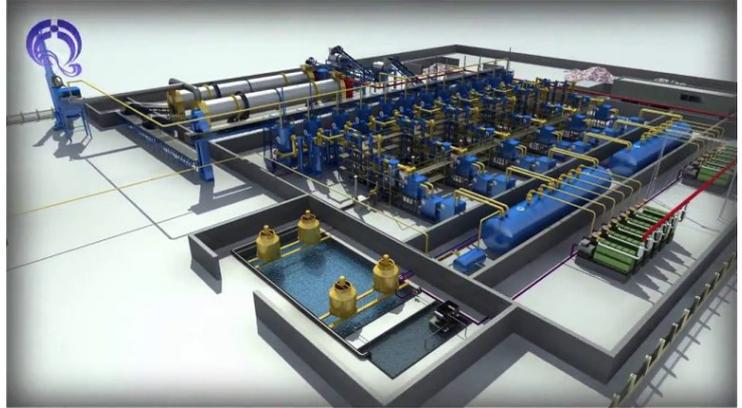
DEC 3, 2020

New £800 million renewable energy park planned for Scotland

Plans have been unveiled for a large-scale renewable energy park in the north-east of Scotland, designed to deliver between 150 to 200 megawatts of green energy for the Scottish grid. Concepts have already drawn up to encompass and integrate several different energy generation technologies including a green biodiesel production facility and an aerobic digestion (AD) plant. It is estimated that 1,500 jobs will be created to build the energy park while a further 250 permanent jobs will be created in the operation.

The developers, Edinburgh-based Holistic Energy hopes to commence building in 2023 and be operational by 2026. The ambitious, large-scale development is earmarked to be built on a purchased 40-hectare (99 acre) site close to the existing Peterhead Power Station, Aberdeenshire. It has attracted overseas interest from an investment group - North China Power Engineering (NCPE) - who has pledged £800 million (€886 million) for the build-out phase.

Dr Gen Cannibal, director of Holistic Energy, believes the complex systems approach to engineering a new renewable energy village will both showcase and utilise the capabilities of interlinked renewable technologies. Dr Cannibal said: "The facility will have three primary purposes - to produce a local renewable power station in Peterhead which can approach the most commonly identified barriers to renewable uptake, to form a major R&D facility for new technologies that have reached the marketable stage but have not, as of yet, attained large scale market application in the UK and thirdly, to provide a significant replacement to gas-powered plants in satisfying Scottish electricity demands and, hence, decarbonising the Scottish economy. "The ambitions for the development of the Renewable Energy Village are to showcase Scotland and the UK as a world leader in energy transition projects and enhance our delivery timeline to low or zero carbon energy sources."



A computer-generated illustration of the gasification plant

LATEST NEWS

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Aug 26, 2021

Maersk to introduce eight green methanol-fuelled vessels

In the first quarter of 2024, A.P. Moller – Maersk will introduce the first in a 'ground-breaking' series of eight large ocean-going container vessels capable of being operated on carbon-neutral methanol. The vessels will be built by Hyundai Heavy Industries (HHI) and have a nominal capacity of approximately 16,000 containers. The agreement with HHI includes an... [\[Read More\]](#)

OTHER NEWS

Aug 25, 2021

Arbor Gas secures investment from EnCap, Mercuria

Arbor Renewable Gas (Arbor Gas) has announced its underlying capital commitment from EnCap Investments, a major provider of equity capital to the independent sector of the US energy industry, and from Mercuria Energy, a global energy and commodity trading organisation. Headquartered in Houston, Texas, Arbor Gas is developing state-of-the-art, industrial-scale renewable... [\[Read More\]](#)

OTHER NEWS

Aug 24, 2021

Maersk secures green e-methanol for container vessel

A.P. Moller – Maersk will produce green fuel for its first vessel to operate on carbon-neutral methanol, in partnership with REintegrate, a subsidiary of the Danish renewable energy company European Energy. REintegrate and European Energy will establish a new facility in Denmark to produce around 10,000 tonnes of carbon-neutral e-methanol that Maersk's first vessel... [\[Read More\]](#)

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Aug 24, 2021

BIOETHANOL NEWS

Aug 25, 2021

Jetex offers SAF at Paris airport

Aviation firm Jetex has started offering sustainable aviation fuel (SAF) derived from used cooking oil produced by TotalEnergies at Jetex Le Bourget, Paris. SAF provides a reduction of up to 90% in carbon emissions over the lifecycle of the fuel compared to traditional jet fuel and complies with RED sustainability criteria. Fuelling at Jetex Le Bourget in Paris is facilitated... [\[Read More\]](#)

BIOETHANOL NEWS

Aug 25, 2021

TotalEnergies develops 100% renewable fuel for motorsport

TotalEnergies is developing a 100% renewable fuel for motorsport competition, which will be introduced from next season at the FIA World Endurance Championship (WEC), including the 24 Hours of Le Mans 2022, and at the European Le Mans Series (ELMS). The 100% renewable fuel will be produced on bioethanol basis, made from wine residues from French agricultural industry... [\[Read More\]](#)

BIODIESEL NEWS

Aug 24, 2021

National Biodiesel Foundation welcomes new director

The National Biodiesel Foundation has welcomed Todd Ellis as a director of the board. Ellis is currently the executive director of North American sales for Renewable Energy Group. Ellis has been a leader in sustainable business and economic development for leading biofuels companies for more than 16 years. He oversees North American strategic planning and sales responsibilities... [\[Read More\]](#)

BIODIESEL NEWS

Aug 23, 2021

Senators urge EPA to waive biofuel blending requirements

Sixteen US Senators have written to the Environmental Protection Agency's (EPA) Administrator Michael Regan, urging the EPA to mitigate the harm imposed on consumers and refiners by the Renewable Fuel Standard's (RFS) 'unachievable mandates'. In the letter, the Senators requested that the EPA waive or significantly reduce the volume of requirements for 2020.... [\[Read More\]](#)

BIODIESEL NEWS

Aug 23, 2021

Union Pacific locomotives to receive biodiesel fuel boost

Union Pacific locomotives will receive a 'boost' of biodiesel fuel, thanks to a new partnership with Alabama-based Progress Rail. Progress Rail, a Caterpillar company, is one of the largest integrated and diversified providers of rolling stock and infrastructure solutions and technologies for global rail customers. The firm approved the use of up to 20% biodiesel... [\[Read More\]](#)

BIODIESEL NEWS

Aug 20, 2021

Gevo publishes IMPACT sustainability report

Gevo has published IMPACT, a sustainability report which demonstrates its mission to be transparent on its environmental, social, and corporate governance (ESG) performance. In addition to disclosing Gevo's progress in 2020 and future goals, IMPACT shares details about the firm's holistic approach to commercialising high-value nutritional products and 'ground-breaking'... [\[Read More\]](#)

BIODIESEL NEWS

Aug 20, 2021

Aemetis study explores CCS potential at biofuels sites

A new study commissioned by Aemetis has concluded that more than two million tonnes of CO₂ per year can be removed from the atmosphere and safely injected into the earth at two ethanol plant sites in California. The carbon capture and sequestration (CCS) geologic formatting and drilling study was completed by Aemetis Carbon Capture, a subsidiary of Aemetis, and was... [\[Read More\]](#)

BIODIESEL NEWS

Aug 19, 2021

Growth Energy welcomes newest plant member CHS

Growth Energy has welcomed premier ethanol marketer, trader and producer, CHS, as its newest plant member. This addition brings Growth Energy's membership to a total of 91 producer plant members and 8.8 billion gallons represented out of the total US ethanol production. CHS joined the company as an associate member in 2009. CHS has been a leader in renewable fuels... [\[Read More\]](#)

Harvestone acquires Gateway Terminals in Illinois

Tennessee-based Harvestone Group has acquired Gateway Terminals, a bulk liquid terminal complex on the banks of the Mississippi River in Sauget, Illinois. The terminal was originally built in 2006 and includes 400,000 barrels of tank capacity. The facility is multimodal with truck, rail, and barge loading and unloading capabilities with access to several Class 1 railroads. Harvestone... [\[Read More\]](#)

FEATURES

Aug 23, 2021

Frontier land

Cassidy Walter, the Iowa Renewable Fuels Association's communications director, outlines the role the organisation is playing in promoting biofuels while fending off the challenge from electric vehicle promoters. For such a small state, Iowa is used to leading in many ways. Iowa is ranked the number one state for opportunity by the US News and World Report and is... [\[Read More\]](#)

BIODIESEL NEWS

Aug 20, 2021

Epitome Energy selects Fagen to build US soybean crush facility

Epitome Energy has awarded Fagen the EPC contract to build a 42 million-bushel soybean crush facility in Minnesota. Fagen is a major industrial contractor and green energy design-builder. Headquartered in Granite Falls, the company has built 60% of the US's ethanol production capacity, as well as multiple biodiesel, wind and power projects. The \$300 million (€257... [\[Read More\]](#)

BIODIESEL NEWS

Aug 20, 2021

USDA invests \$26m in renewable biofuels infrastructure

The US Department of Agriculture (USDA) is investing \$26 million (€22.2 million) to build infrastructure to expand the availability of higher-blend renewable biofuels. Deputy Under Secretary for Rural Development, Justin Maxson, said the investment will increase biofuel availability by 822 million gallons annually in 23 states. The USDA is making the awards under... [\[Read More\]](#)

BIODIESEL NEWS

Aug 19, 2021

Haldor Topsoe will build US catalyst plant to meet biofuel demand

Haldor Topsoe (Topsoe) will build a 15,000 ton per year hydroprocessing catalyst plant at the company's existing Bayport production site in Pasadena, Harris County, Texas. The plant will increase the production capacity of Topsoe's TK catalyst family to meet increasing demand, both in traditional refining and for use with Topsoe's HydroFlex™ technology for production... [\[Read More\]](#)

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How sustainable aviation fuel (SAF) is making its way in the aviation sector



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