

What can Sarawak learn from the Drax Power Station?

As Sarawak looks to enhance its renewable energy capabilities, the insights gained from the Drax Power Station provide a valuable framework for developing energy solutions that are both sustainable and suited to the state's unique geographic and economic landscape.

Who owns Drax Power Station?

In 1990, the electricity industry of England and Wales was privatised under the Electricity Act 1989. Three generating companies and 12 regional electricity companies were created. As a result of privatisation, Drax Power Station came under the ownership of National Power, one of the newly formed generating companies.

What happened to Drax Power Station?

One significant change was the emergence of vertically integrated companies, combining generation, distribution and supply interests. In certain cases, it became necessary for generation assets to be divested, and so in 1999 Drax Power Station was acquired by the US-based AES Corporation for £1.87 billion (US\$3 billion).

Where is Drax based?

The principal downstream enterprises are based in the UK and include Drax Power Limited, which runs the biomass fuelled Drax power station, near Selby in North Yorkshire. The Group also runs an international biomass supply chain business. The company is listed on the London Stock Exchange and is a constituent of the FTSE 250 Index.

Will Malaysia replace coal-fired power plants with biomass?

Benelux biogas producer Byont has received a significant... [Read More] The state of Sarawak in Malaysia is planning to replace its Sejingkat and Balingian coal-fired power plants with biomass, according to Premier Datuk Patinggi Tan Sri Abang Johari Openg.

How is Sarawak addressing solar energy's intermittency challenges?

"To address solar energy's intermittency challenges, Sarawak is making strides in smart grid technology and Energy Storage Systems. A proposed high-voltage green grid, utilising the Right-of-Way of the Sabah-Sarawak Gas Pipeline, will connect renewable energy sources to key demand centres.

Highlighting Sarawak's leadership in renewable energy, he said that transformative projects, including biomass energy generation, are setting benchmarks for Malaysia's sustainability efforts. "Earlier this year, I had the ...

RNS Number: 7940L Drax Group plc ("Drax" or the "Group"; Symbol: DRX) Highlights Strong performance - Flexible Generation(1), Pellet Production and Biomass Generation Progressing target for >£500

million EBITDA post 2027 from FlexGen(1) and Pellet Production UK energy system operator confirms large-scale biomass required for 2030 clean ...

"The Conservative Party's decision is reckless and irresponsible. It is deeply disappointing that they now care more about political point scoring than the country's ongoing energy security and ability to meet net zero. "In Government, the party acknowledged the key role Drax Power Station, the country's largest source of renewable power, plays in keeping the...

Drax's iconic Cruachan "Hollow Mountain" power station set for £80 million upgrade > About Us Drax Group's ambition is to become a carbon negative business by 2030, through innovative greenhouse gas removal technology.

Visit Drax Power Station; Visit Tongland Power Station; Visit Cruachan Power Station. Cruachan Power Station is located on the shores of Loch Awe in the Scottish Highlands, between Glasgow and Oban. The huge turbine hall is located 1 km within the hollowed-out mountain of ...

The exhibition, Drax Power Station: Powering Britain for 50 Years, celebrates the unique history of the power station, exploring the crucial role it plays in the UK's power system and the positive impact it has made on local communities over the years. The exhibition also looks ahead at plans to make the power station the world's largest ...

About Drax Drax Group is a renewable energy company engaged in renewable power generation, the production of sustainable biomass and the sale of renewable electricity to businesses. Drax operates a generation portfolio of sustainable biomass, hydro-electric and pumped hydro storage assets across four sites in England and Scotland.

Drax Power Station has been transformed over the last decade as part of Europe's largest decarbonisation project, swapping coal to generate renewable electricity using sustainable biomass. Drax has ambitious plans to go even further in the years ahead, aiming to become carbon negative by using bioenergy with carbon capture and storage (BECCS ...

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Steve Marshall, Drax's Development Manager, said: "A new generation of pumped storage hydro plants will strengthen the UK's energy security by enabling more homegrown renewable electricity to come online to power homes and businesses across the country. Drax's plan to build a new plant at Cruachan will support hundreds of jobs and ...

According to a recent report in The Intercept, Drax's massive U.K. power plant has been touted as green

because wood pellets, incorrectly labeled as renewable biomass, have replaced coal as the fuel source. Yet "a growing chorus of environmentalists and scientists are warning that the plant is now more carbon-intensive burning wood than when the plant burned ...

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Having converted two thirds of Drax Power Station to use sustainable biomass instead of coal it has become the UK's biggest renewable power generator and the largest decarbonisation project in Europe. Its pumped storage, hydro and energy from waste assets in Scotland include Cruachan Power Station - a flexible pumped storage facility within ...

Drax is progressing an option to expand its existing Cruachan pumped storage facility in Scotland through the construction of a new 600 MW power station. Built adjacent to the existing underground plant, the new power station would effectively more than double the site's total generation capacity to more than 1 GW.

By Bruce Heppenstall, Plant Director, Drax Power Station. Drax Power Station has kept Britain's lights on for 50 years. As well as playing a key role in the country's energy security, providing enough power for 4 million homes, we have been a long-term source of high-quality well-paid jobs, too.

Web: <https://www.gennergyps.co.za>