

Where does the Isle of Man electricity come from?

The majority of the Isle of Man's electricity is currently sourced from fossil fuels. The interconnector is a source of carbon neutral electricity on island and also provides a route to export electricity to the GB Market.

What is the Manx Electricity Authority?

The Manx Electricity Authority (Manx: Lught-reill Lectraghys Manninagh) was a Statutory Board of the Isle of Man Government which generated and supplied electricity for the Isle of Man. In 2014 it became part of the Manx Utilities Authority when it was merged with the Isle of Man Water and Sewerage Authority.

How can a power interconnector be used in the Isle of Man?

The interconnector can be used to supply the additional energy demand,as well as balancing capability. The diesel engines at Peel and Pulrose with a collective output of 90 MW can together meet island demand. These generating assets and the interconnector can meet the Isle of Man electricity demand requirements.

When did the Isle of Man become part of the Utilities Authority?

In 2014it became part of the Manx Utilities Authority when it was merged with the Isle of Man Water and Sewerage Authority. Following the First World War the development of utilities on the Isle of Man was considered essential.

Can Isle of Man export electricity to GB?

There is also limited opportunitiesfor Isle of Man to export electricity to GB,due to the excess capacity of renewable generators expected to be in operation by 2050. Isle of Man assets also have an 11% CAPEX uplift compared to equivalent UK installations,due to labour,available skill-set,transport and economies of scale.

Could the Isle of Man re-import electricity from an offshore wind farm?

With interconnectors the Isle of Man could re-import electricity generated from an offshore wind farm,allowing GB to manage the balancing. This would likely result in much lower costs to consumers. CFDs are not currently open to the Isle of Man as it is not part of the UK.

People and businesses in the Isle of Man enjoy reliable and efficient electricity supplies from Manx Utilities who source energy inputs via three independent supply chains; natural gas, liquid fuel and electricity imports. We generate electricity on Island and also procure electricity using an AC power interconnector marine cable.

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NEL Power--Isle of Man Manx Electricity Authority, Pulrose Power Station Project Description The Pulrose Power Station was constructed to provide the Isle of Man with its own source of economical power allowing

the Island to be less dependent on diesel engines and cable power supplied from England. In addition to efficiency,

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o In December 2020, the Isle of Man Government launched its Future Energy Scenarios (FES) Strategy to determine the pathway to meet the following: o Electricity generation is now responsible for around 33% of all Greenhouse Gas Emissions on the

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Power Stations are situated at Pulrose, Peel, Ramsey and Sulby. Pulrose, including the CCGT, has a capacity of nearly 135MW. Peel has a capacity of nearly 40MW, a diesel generating station at Ramsey has a capacity of 3.6MW, and a small hydro station at Sulby has a capacity of 1.0MW.

Work has now started on a programme to fully decarbonise the Isle of Man's electricity supply using solar and wind power by 2030. Manx Utilities has received approval from the Council of Ministers for its plans to begin construction projects which will see up to 30 megawatts of electricity produced from onshore wind and solar energy over the ...

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Manx Utilities presented a high level overview of these future energy plans at the Isle of Man Government Conference in September 2023. Our Island Plan. The Chief Minister provided an update on the progress of the renewable projects in July 2023.

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