

How are emissions affecting the Isle of Man?

Consequently, emissions in this sector are increasing as other sectors decarbonise and electrify. Electricity generation (including emissions from both the Manx Utilities and the Energy from Waste plant) is currently the dominant source of carbon emissions on the Isle of Man, accounting for 33% of the island's emissions at 245KT per year.

How will the electricity sector change in the Isle of Man?

As the uptake for electric heating and electric vehicles increases, the electricity sector will have to grow to meet future demand. The majority of the Isle of Man's electricity is currently sourced from fossil fuels.

Can electricity be decarbonised on the Isle of Man?

Electricity generation is responsible for approximately 33% of all greenhouse gas emissions on the Isle of Man, and a majority of this is currently sourced from fossil fuels (natural gas). Without the decarbonisation of electricity, it will not be possible to reduce carbon emissions significantly in other areas such as heating and transport.

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.

Does the Isle of Man import energy from the UK?

The Isle of Man currently imports all of its energy from the UK (with the exception of what is produced from Sulby). In all future models, the Isle of Man remains dependent on GB for the provision of baseload. This is the case even where capacity is increased by building excess renewables, as the stabilisation is still provided by interconnectors.

Will the Isle of Man reduce emissions by 2050?

**SUMMARY OF KEY FINDINGS** In response to the global climate emergency, the Isle of Man Government has legislated to reduce its emissions to net zero by 2050. This target has implications for both electricity demand and generation mix.

Islands Energy Group (IEG) is the owner and operator of gas distribution networks across the Isle of Man (Isle of Man Energy), Guernsey (Guernsey Energy) and Jersey (Island Energy). In addition to this, we are actively pursuing commercial opportunities to expand our reach beyond regulation. Our responsibility includes providing heating services ...

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# Isle of Man lean energy

sustainable future. Affordability is important to the team at Cleantech; we pride ourselves in designing and specifying the right system ...

The Chief Ministers of the Isle of Man, Guernsey and Jersey have today met with the UK Prime Minister, the Rt Hon Sir Keir Starmer KCB KC MP, to discuss the relationships between the islands and the UK. ... "Today's meeting with the Prime Minister enabled a timely discussion on energy matters, in particular offshore wind and clean energy ...

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But Ralph Peake, business director at the Isle of Man's ESC, says the island possesses all the right ingredients to "grow" its own energy. "We have an abundance of natural resources here in the Isle of Man," he said, highlighting ...

Islands Energy Group (IEG), parent company of Guernsey/Island/Isle of Man Energy, has launched a fund that will give awards of up to £5,000 to local environmental causes and initiatives. The Together We Can Fund will support locally based charities, projects and initiatives that benefit the environment and the wider community.

Unfortunately, the Isle of Man has the wrong geology - neither the ground temperatures nor the deep water. And even if these were present, boreholes to tap the energy are remarkably ...

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Isle of Man Energy's e-billing platform is the quickest and easiest way to view your bill. ... a member of the Islands Energy Group. Website by BWI. IOM Gas Characteristics. IOM Natural Gas Characteristics. Calorific Value:  $\leq 37.5$  to  $\geq 43.0$  MJ/m<sup>3</sup> Hydrogen sulphide content:  $\leq$  ...

Isle of Man -Future Energy Scenarios This report has been prepared specifically for and under the instructions and requirements of the Isle of Man Government under an appointment dated 16 December 2020, and a subsequent extension agreed on 03 June 2021, in connection with the development of Future Energy Scenarios.

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Plans to grow the Manx economy by harnessing the Isle of Man's natural resources to generate renewable energy have taken a significant step forwards. The Isle of Man Government has granted a survey licence to a local company to explore the possibility of developing a tidal array on an area of the seabed off the Point of Ayre.

Isle of Man: Energy intensity: how much energy does it use per unit of GDP? Click to open interactive version. Energy is a large contributor to CO<sub>2</sub> - the burning of fossil fuels accounts for around three-quarters of global greenhouse gas emissions. So, reducing energy consumption can inevitably help to reduce emissions.

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