



# Guernsey distribution energy systems

Does Guernsey have electricity?

The company is the sole licenced distributor of electricity to Guernsey with over 94% of the island's energy being supplied through the subsea cables while at the same maintaining sufficient on-island generation capacity.

When did Guernsey Electricity become a company?

In 1993, Guernsey Electricity was adopted as the trading name, and in 2001 became Guernsey Electricity Ltd following commercialisation. In 1998, the Channel Islands Electricity Grid was established to operate subsea cables supplying electricity from Europe giving a secure, reliable and affordable source of energy.

Why is energy important in Guernsey?

Access to energy is a critical requirement which enables us to undertake daily activities such as using the internet, cooking, working, and staying warm. In Guernsey, we currently rely on fossil-fuel based systems of energy production and consumption and operate a thermal power station.

Who owns Guernsey power company?

The company is owned by the States of Guernsey with the Guernsey Competition and Regulatory Authorities (GCRA) regulating our core business of electricity generation, conveyance and supply. The Board is made up of three Executive Directors, five Non-Executive Directors and a Non-Executive Chair.

What is the energy transition in Guernsey?

In Guernsey, we currently rely on fossil-fuel based systems of energy production and consumption and operate a thermal power station. However, it is recognised that as part of the response to climate change, there is a need to transition to an energy mix with limited, if not zero carbon emissions. This is often referred to as the energy transition.

What happened to Guernsey Electric?

In 1933 the States of Guernsey cancelled the concession and acquired the business at a cost of £285,500 at which time the capacity was 3.73 MW with 2,928 consumers on 165 kilometres (103 mi) of cables with eight substations. It would be supervised by the States Electricity Board. : 48

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We've been providing energy solutions to the Channel Islands for almost 200 years. Do you want to learn how you can save on your energy costs with Guernsey Energy? visit our website and view & buy our products or services.

o The Island must create an energy system which maximises the use of renewable energy, thereby, minimising the island's carbon footprint. o Encourage private individuals or other ...

Guernsey Electricity Limited (GE) is the sole commercial electricity supplier on the island of Guernsey. GE has been operating for over 100 years, moving from local generation of power from coal, and later oil, to investing in cables to connect into the grids in Jersey and France through the Channel Islands Electricity Grid.

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o The Island must create an energy system which maximises the use of renewable energy, thereby, minimising the island's carbon footprint. o Encourage private individuals or other commercial enterprises to supply renewable energy to the system. o Encourage the domestic renewable generation of energy and

Guernsey Electricity's long-term strategy is for an energy system that supports renewables and reduces the reliance on fossil fuels to use the power station for emergency generation only. This second cable would mean that the power station will no longer need to "top-up" supplies and will act purely as a "back-up" for emergencies.

The energy landscape is changing at an unprecedented pace as countries of all sizes seek sustainable ways to fuel their futures. In smaller communities, the need to find renewable, reliable energy solutions is even more pronounced as they cannot leverage the economies of scale available to larger regions.

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