



Vattenfall in the UK

Who are Vattenfall?

We are one of Europe's largest producers and retailers of electricity and heat. We tackle complex challenges in order to reach our goal of fossil free living within one generation.

Vattenfall

Vattenfall's main markets are Sweden, Germany, the Netherlands, the UK, Denmark and France. We have a total of 20,000 employees, including over 395 in the UK.

The parent company, Vattenfall AB, is 100% owned by the Swedish state, and its headquarters are in Solna, Sweden.

Vattenfall in the UK

- Vattenfall has been in the UK since 2008
- We're a key partner in enabling the UK to reach net zero
- On track to help save 8 million tonnes of CO₂ a year by 2030, the same as taking 4 million cars off the road.

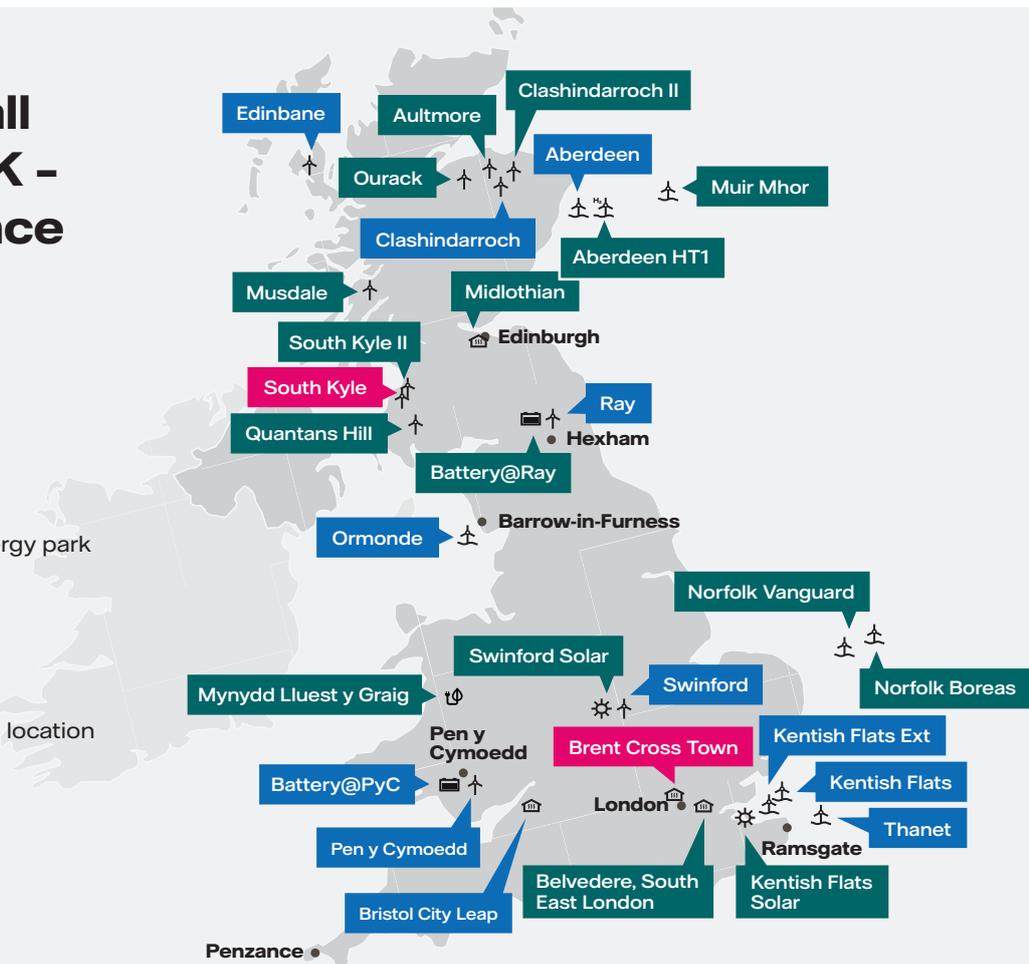
Vattenfall in the UK - at a glance

Technology type

-  Battery
-  Offshore wind
-  Onshore wind
-  Solar
-  Heat networks
-  Hydrogen
-  Renewable energy park

Project status

-  Operational
-  Construction
-  Development
-  Vattenfall office location



Electricity and hydrogen - production and storage



In operation: 11 battery storage, onshore and offshore wind projects with an installed capacity of 1.1GW.

Each year:

- 800,000 homes powered
- 1.35 million tonnes of CO₂ saved
- equivalent to taking 680,000 cars off the road

In development or construction: 13 projects with an installed capacity of 4.45GW.

Each year if constructed:

- 4.5m homes powered
 - 7m tonnes of CO₂ saved
- equivalent to taking 3.65m cars off the road.

District heating



Developing four low-carbon heat networks:

- **Brent Cross Town.** Partner: Argent Related
- **Midlothian.** Partner: Midlothian Council
- **Belvedere, South East London.** Partner: Cory
- **Bristol City Leap.** Partner: Ameresco. Vattenfall Heat UK will acquire existing heat networks built by Bristol City Council and extend these by building new networks.

When constructed the four projects combined will supply the following with low-carbon heat:

- 123,000 households
- 780,000 square meters of office, retail and commercial space
- A total CO₂ saving of 32,000 tonnes each year

Cory's energy from waste plant in Belvedere is the catalyst for Vattenfall's city-wide heat network which could deliver heat to 500,000 homes, businesses and public buildings in London by the 2040s.

Exploring further opportunities - in partnership with cities, developers and businesses - to bring our expertise gained delivering heat to 1.9 million customers in Amsterdam, Berlin and Uppsala to the UK.



Electricity networks

Vattenfall IDNO

Vattenfall IDNO is an Ofgem regulated Independent Distribution Network Operator. We own and maintain electrical network infrastructure connected to the UK's national distribution network.

The journey to fossil free energy will see the phasing out of gas in favour of all electric sites powered by renewables. Across Europe we're working in partnership with big energy users to help them future proof their networks.

Vattenfall Network Solutions

Vattenfall Network Solutions designs, builds, owns and operates bespoke high voltage electrical network infrastructure for major electricity users and generators.

Our 'Power as a Service' model provides energy infrastructure as a service, rather than an expensive and risky asset for businesses to invest in, build, own and maintain.

Corporate Power Purchase Agreements

Enabling heavy users of electricity to power their operations while reducing emissions - for example, supplying IRN-BRU manufacturer AG Barr with 22GWh of electricity from Vattenfall's UK wind farms each year.

Accreditation

