



Vattenfall in the UK

Who are Vattenfall?

For more than 100 years we have electrified industries, supplied energy to people's homes and modernised our way of living through innovation and cooperation. As part of this, Vattenfall is committed to working towards net-zero by 2040, which means at least a 90% reduction in absolute emissions across all emission scopes. Any residual emissions will be neutralised by permanently removing CO₂ from the atmosphere.¹

Vattenfall

Vattenfall's main markets are Sweden, Germany, the Netherlands, the UK and Denmark. We have a total of 21,000 employees across all markets. 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 for more than 15 years.
- We are making a key contribution towards enabling the UK to reach its renewable goals.
- We have around 500 employees in the UK.

Vattenfall in the UK - at a glance

Technology type

- 🔋 Battery
- ⚓ Offshore wind
- ↑ Onshore wind
- 🏠 Heat networks

Project status

- 🟦 Operational
- 🟪 Construction
- 🟩 Development
- Vattenfall office location

**Developed by Vattenfall, South Kyle is now owned by Schroders UK Wind and operated by Vattenfall.



¹ Further information: <https://group.vattenfall.com/sustainability/climate-transition-plan/climate-targets>



Electricity generation and storage

We operate 13 battery storage, onshore and offshore wind projects with an installed capacity of 1.1 gigawatts.

Each year these projects combined can:

- Power 800,000 homes
- Save 1.35 million tonnes of CO₂
- Which is the equivalent of taking 680,000 cars off the road

Our renewable energy projects not only help tackle climate change - they also contribute to energy security and help keep costs down by reducing reliance on imported fossil fuels and stabilising long-term electricity prices.

We maintain a strong and growing wind portfolio, with around 2 GW of capacity in operation and development across the UK. This includes:

- Pen y Cymoedd, home to one of the largest peatland restoration programmes in Southern Britain
- Aberdeen Offshore Wind Farm, a hub of innovation in offshore wind technology
- Ray Wind Farm in Northumberland, co-located with battery storage to enhance grid stability.



Heat networks

We are one of Europe's largest producers and distributors of heat to urban areas. We have more than 100 years of European experience and have been working to establish our UK Heat Business over the last six years:

- We are already working to deliver heat networks in London, Bristol and Midlothian, on the outskirts of Edinburgh.
- We are looking to work with local authorities, property developers, housing associations and public sector institutions in UK cities who are looking to break free from their reliance on fossil fuels.
- Vattenfall currently provides enough heat to supply the equivalent of more than 5000 homes, including residential and commercial customers.

By 2030, Vattenfall's ambition for its Heat Business in the UK is to:

- Partner with five to eight of the UK's leading low carbon cities to deliver city-wide heat networks.
- Invest £1 billion in building heat networks across the UK, in partnership with cities and local authorities.



Wider benefits

We invest more than £3.7 million into host communities every year. Youth projects, wellbeing, skills and training, education initiatives and energy efficiency schemes are just some of the ways communities are spending this money.

Biodiversity is one of the most important environmental issues for Vattenfall. We continually work to prevent or minimise negative impacts on biodiversity:

- Our onshore wind environmental work currently covers over 2000 hectares, equivalent to around the same size as 2000 international rugby fields.
- Believed to be the largest of its kind, we've invested €3million into a scientific research programme at our Aberdeen Offshore Wind Farm to learn more about offshore wind and the environment.
- We've invested £250k into onshore wind ecological work.
- At Clashindarroch Wind Farm we are restoring recently felled commercial forest back to peat bog and maintaining open moorland. The project also involves planting native broadleaf trees which will bring benefits for local wildlife including insects, birds, and small mammals.

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

