



# 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 aiming for net zero by 2040 across its own operations, suppliers and customers. We are working for fossil freedom.

### Vattenfall

Vattenfall's main markets are Sweden, Germany, the Netherlands, the UK, Denmark and France.

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 net zero.
- We have around 500 employees in the UK.

## Vattenfall in the UK - at a glance

### Technology type

- Battery
- Offshore wind
- Onshore wind
- Floating offshore
- Heat networks
- Renewable energy park
- Electrical connections

### Project status

- Operational
- Construction
- Development
- Vattenfall office location





## Electricity production 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 CO<sub>2</sub>.
- Take the equivalent of 680,000 cars off the road.

We maintain a strong and growing wind portfolio, with over 3 gigawatts in operation and development.



## 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 and have energised more than 50 commercial grid connections.

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.



## 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 and expects to supply heat to its first residential customers in 2024.

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 to learn more about offshore wind and the environment.
- We've invested £250k into onshore wind ecological work.

### 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



SCIENCE BASED TARGETS

DRIVING AMBITIOUS CORPORATE CLIMATE ACTION



INVESTORS IN PEOPLE®  
We invest in people Silver

INVESTORS IN PEOPLE®  
We invest in wellbeing Silver

