

# Today

Where the UK is

**35.8%**

Renewable energy generation

**3%**

of cars and vans electric

**27,000**

Charging points

**4.5%**

of homes run on low carbon heating

**38%**

Homes rated EPC Band C or above



**80%**

Renewable energy generation



**100%**

of cars and vans electric



**210,000**

Charging points



**3,500**

Motorway rapid and ultra chargers

**90%**

of homes run on low carbon heating



**85%**

Homes rated EPC Band C or above



UK achieving

# Net zero

**nationalgrid**

## About us

We are a British engineering company committed to delivering electricity and gas safely, reliably and efficiently to the customers and communities we serve.

We play a vital role in connecting millions of people to the energy they use; with principal operations in electricity and gas transmission, as well as exploring new opportunities for green energy solutions through National Grid Ventures. The legally separate Electricity System Operator (ESO) is responsible for making sure supply and demand for electricity is balanced across Great Britain.

We're shaping the energy systems that we'll need in years to come by working closely with customers, partners and communities to develop solutions to transition to decarbonised, decentralised, smart energy systems.



*The UK is already a world leader in tackling climate change – exporting technology, transformational engineering, and know-how globally. But to cement this position, and reach the government's target of net zero, a shift is needed in the way we think, plan, and deliver for the future.*

*Above all, we need to ensure the benefits of moving to a net zero future are felt by everyone, in every community across the whole of the UK.*

**John Pettigrew**  
Chief Executive

**nationalgrid**

## National Grid in numbers

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**4,481 miles**

of overhead electricity lines

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**1,417 miles**

of underground electricity cable

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**4,760 miles**

of high-pressure gas pipe

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**£150m**

donated to support local authorities to help households in fuel poverty

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**£2.1bn**

investment committed to subsea interconnectors

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**c. £1.3bn**

each year invested into our transmission networks to support the transition to net zero

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**1st**

apprenticeship provider rated 'outstanding' by Ofsted for three consecutive inspections

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# Our priorities

*We are committed to supporting net zero through collaboration with government and the regulator for a fair transition for all.*

**Facilitating** the switch to zero carbon transport and heating in a way that works for everyone

**Connecting** clean power sources in the UK, and supporting a flexible zero carbon system through our interconnectors to Europe

**Enabling** the world's first net zero industrial cluster through the exploration of large-scale Carbon Capture and Storage and hydrogen network

**Investing** in our people to ensure a skilled and diverse workforce that can deliver on our net zero goals. We call it the #JobThatCantWait

**nationalgrid**



If you'd like to get in touch,  
we would love to hear from you:

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