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Prime Minister's Office  
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# Make Britain a Clean Energy Superpower

Milestone: Securing home-grown energy

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**Make Britain a Clean Energy Superpower**

## The starting point

Every family and business has paid the price of rocketing energy bills.

By failing to invest at scale over many years in the clean, secure home-grown power that our country needs, we have been left exposed to volatile international fossil fuel markets.

This failure was starkly exposed when Putin invaded Ukraine and British energy customers were amongst the hardest hit in Europe, with bills hitting a record high. As long as Britain remains exposed to these markets, families will be vulnerable to these price spikes.

At the same time, we have seen other countries steal a march in the race to secure the clean energy jobs and industries of the future. And all the while, the climate crisis is growing more urgent, with spiralling impacts that threaten our children's futures.

The UK is home to abundant natural resources for renewable energy, and a pioneering industry delivering the latest advancements in clean tech.

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Our clean energy mission will harness these opportunities to deliver change, and the opportunity for growth and good jobs in clean tech.

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## Our long-term mission

The British people deserve lower cost, clean, secure power, with good jobs, and a government that protects us from the long-term threats we face.

The economic case, the national security case and the environmental case all now point in the same direction: a clean energy mission which protects the country from exposure to unstable international markets and gives security and stability to both family and national finances.

We will achieve this through delivering clean power by 2030 and accelerating to net zero. Our mission will bring energy security, protect billpayers, create good jobs, and help to protect future generations from the cost of climate breakdown.

By building a diverse low carbon energy system, we will make the most of our abundant natural resources to keep bills down for good and protect consumers from future price shocks.

In doing so, we can revive the strength of British manufacturing, bringing jobs and investment into Britain's industrial heartlands – unleashing the power of British technological innovation, and crowding tens of billions of private investment into our country.

We will accelerate to net zero across the economy, seizing one of the economic opportunities of the 21st century – creating hundreds of thousands of good jobs and driving investment into all parts of the UK, while protecting the planet for our children.

Our legally-binding carbon budgets are a key metric for the government, which we will use to measure progress in our mission to accelerate to net zero, reducing our territorial emissions.

The government's approach to this transition is built on the principle of fairness – for consumers by ensuring energy security and protecting billpayers, and for workers by ensuring decarbonisation is a route to reindustrialisation.

Rather than letting other countries win the race for new jobs and the industries of the future, we will ensure that we make, build, and buy more in Britain again, backing our homegrown technology pioneers and British

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workers. Great British Energy will be 100% owned by the British people, for the British people.

### **Our milestone**

Energy security, protecting billpayers, good jobs and climate security – that is what our clean energy mission will deliver.

As we make Britain a clean energy superpower and accelerate to net zero, we will see the benefits this Parliament through protecting billpayers from gas price spikes and creating jobs across the country.

Building a diverse energy sector based on renewables and nuclear will revive British manufacturing and innovation, bringing much needed investment and good jobs to our industrial heartlands and helping to drive growth across all parts of the UK.

The government's milestone this Parliament is to secure our energy supply with home-grown, clean power.



We will measure this by being on track to achieving at least 95% of low carbon generation by 2030 in line with advice from the National Energy System Operator (NESO).

By doing this, we will secure our energy supply, protect billpayers, and unlock tens of billions of private investment across the country. This milestone is ambitious, requiring significant acceleration of building renewable energy and the transmission network, and of electricity storage deployment.

### **How will we achieve this milestone?**

We are already delivering on our first step by setting up Great British Energy in Aberdeen, a publicly owned company which will drive clean power generation, increasing energy security, boosting jobs, and ensuring UK taxpayers, billpayers and communities reap the benefits of the clean energy transition.

It is time for the British people to own and build things again.

Since July 2024, the government has lifted the ban on onshore wind, consented more solar power than over the last 14 years and held a record-breaking renewables auction. We have also set up Clean Power 2030, led by Chris Stark, to drive through our clean power agenda, breaking down barriers and accelerating progress on energy projects.

The forthcoming Clean Power 2030 Action Plan will set out the further steps we will take, including reforming the planning system and building the grid. In delivering our next steps, we will do things differently. We will:

Ensure the economic benefits of clean energy and net zero are felt by workers and billpayers across the country. We know that the clean energy transition is one of the economic opportunities of the 21st century, protecting consumers from future price shocks, creating new and innovative businesses, and bringing good jobs to workers.

Alongside delivery of clean power, we are investing to improve energy efficiency in British homes and workplaces, delivering on our Warm Homes Plan, to cut bills for good – including through targeted measures for lower-income households to slash fuel poverty.

- **Work in partnership with businesses and the sector and provide long-term certainty, with catalytic public investment.** We will crowd in business investment through Great British Energy and the National Wealth Fund, and we will remove barriers in the planning process and grid to help enable clean power by 2030.
- **Power up infrastructure across the country.** If we want cheaper electricity, we need new pylons, wind farms and infrastructure. That is why we have lifted the ban on onshore wind, and we will reform and speed up our planning system to deliver the investment we need for clean power.
- **Harness cutting-edge technology as we build out clean power. The UK is home to some world-leading green-tech companies and researchers, pioneering the way to a clean future.** Our recent funding commitment of £21.7 billion for carbon capture cements Britain as one of the most advanced CCUS markets globally and paves the way for innovation in the supply chain. With an industry target for at least 50% of the supply chain to be UK-based, there will be significant opportunities to export UK technology abroad in a global sector that is expected to attract £135 billion investment by 2035.
- **Ensure the public enjoy the full benefits of home-grown clean power, as the UK accelerates to net zero.** Already, we are taking action to support households and businesses towards using cheap, clean power: in their cars and vans including through our investment in electric charging to support a 2030 phaseout, in their heating systems through our Warm Homes Plan, and in industrial processes and elsewhere across the economy. Only by helping everyone benefit from clean power can we deliver jobs, growth, energy security and tackle the climate crisis.

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## Latest Updates

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### Support for workers to benefit from thousands of clean power jobs

22 January 2025    News article

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### Great British Energy's start-up board appointed

17 January 2025    News article

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### Phasing out the sale of new petrol and diesel cars from 2030 and support for zero emission vehicle (ZEV) transition

6 January 2025    Speech

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### Phasing out sales of new petrol and diesel cars from 2030 and supporting the ZEV transition

24 December 2024    Consultation

**Industry encouraged to shape UK transition to zero emission vehicles**

24 December 2024    News article

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