

Lighting the way to net zero

At Drax we're ready to act to level-up the North and deliver net zero.

We've already transformed the UK's biggest coal-fired power station into the largest decarbonisation project in Europe. Now we're ready to deploy bioenergy with carbon capture and storage (BECCS) at scale, permanently removing millions of tonnes of carbon dioxide from the atmosphere every year.

We've proven the technology. We've kick-started the national planning process. We're investing to get ready to build.

Help us act to create thousands of new green jobs, level-up the North and get the UK to net zero.

Carbon Capture | by drax



BECCS at Drax will help get the UK to net zero by 2050 faster and at lower cost.

The experts agree. To tackle climate change and reach net zero, we need to remove carbon dioxide that's already in the atmosphere.

- By 2050 a significant volume of emissions will still be emitted by hard-to-decarbonise sectors such as agriculture and aviation.
- Negative emissions technologies will be essential to compensate for these residual emissions.

Now, new research by independent energy consultancy Baringa shows that deploying BECCS at Drax by 2027 is the most cost-efficient way of the UK achieving net zero.

- According to Baringa, it will cost the UK £4.5bn less to achieve the 5th carbon budget if we deploy BECCS at Drax.



Drax is ready to act to deliver BECCS at scale

Drax is ready to deploy BECCS at scale.

- We have successfully piloted carbon capture projects since 2019.
- In March, we kicked off the national planning consent process that means work to build BECCS could get underway at Drax as soon as 2024.
- By 2027 our first BECCS unit could be operational, delivering the UK's largest carbon capture project and a critical anchor for further carbon capture projects across the North of England.
- By 2030 Drax could be permanently removing 8 million tonnes of CO2 from the atmosphere each year, making Drax Power Station the first carbon negative power station in the world.

We need Government support to act:

- A commitment by the end of this year that the UK will build the world's first large-scale BECCS plant in the 2020s to give us the confidence to invest and progress our plans.
- A clear policy framework which enables investment, rewards those removing carbon from the atmosphere and incentivises the hardest to abate sectors to invest in change.

Help us act now to tackle climate change by adding your voice to those calling for the Government to support BECCS.

Together we can help the UK reach net zero, level-up the Humber by creating tens of thousands of new green jobs and kick-start a UK-led global negative emissions industry.

The critical role of biomass and BECCS in reaching net zero is widely recognised including by the Climate Change Committee and the UK Government. The Government's Energy White Paper commits to explore the role of BECCS, stating that:

"Along with its ability to deliver negative emissions, this makes biomass one of our most valuable tools for reaching net zero emissions."

Our journey to net zero

