



Biomass renewable electricity

Backed by Renewable Energy Guarantees of Origin (REGO) from Haven Power

The future of the environment depends on us becoming 'greener' – and not just domestic consumers. More and more businesses are seeking to operate in a more sustainable way to lessen their impact on the environment. Using biomass renewable electricity is just one way businesses of all sizes can decrease their carbon footprint and help tackle climate change.



Due to the large volumes of energy used by businesses, it's especially important to embrace this way of responsible thinking. From SMEs to energy-intensive users, each and every business can contribute to a low carbon economy.

That's why we offer our customers reliable REGO (Renewable Energy Guarantees of Origin) backed biomass renewable electricity.

Source, generate, supply

As part of the Drax Group, we source the majority of our power from Drax Power, which is well advanced in its transformation into a predominantly biomass-fuelled generator. Drax is, in fact, the single largest renewable energy generator in the UK.

What is biomass?

Biomass is made from organic, plant-based material sourced from forests and forest residues, agricultural residues and dedicated energy crops that are not suitable for other uses, such as timber.



Did you know?

Our woody biomass is processed into pellets close to the forest and transport sites, making it more efficient to transport

Why biomass?

- Comprehensive life cycle analysis, which gives the total carbon footprint of the biomass burnt by Drax, including harvesting, processing and transport, shows that **much less CO₂ is released, compared to fossil fuels**, even if the biomass is imported.
- Drax's sustainably sourced biomass has a carbon footprint which is **86% less than the coal** it is replacing.
- Electricity generation from **biomass is not weather dependent** making it both reliable and flexible. It is a cost effective source of generation that can respond quickly to changes in electricity demand.
- Biomass is plentiful – it is **the world's fourth largest energy resource**.
- At the point of combustion, **biomass is carbon neutral**.
- Alongside other renewables, increased use of biomass to produce electricity is the ideal way to deliver meaningful and **cost-effective CO₂ reductions in the near term**.
- Drax's biomass conversion is **Europe's largest decarbonisation project to date, and will save around 12 million tonnes of carbon per year** – which, in emissions, is equivalent to taking **10%** of the UK's cars off the road.



Why go renewable?

Being more sustainable is not only good for the environment – it's also good for business! Customers are placing an increasing value on suppliers who operate sustainably, and many base procurement decisions around environmental policies. Choosing biomass renewable electricity is a great way of showing your customers that you are an **environmentally responsible** business.



What is a REGO?

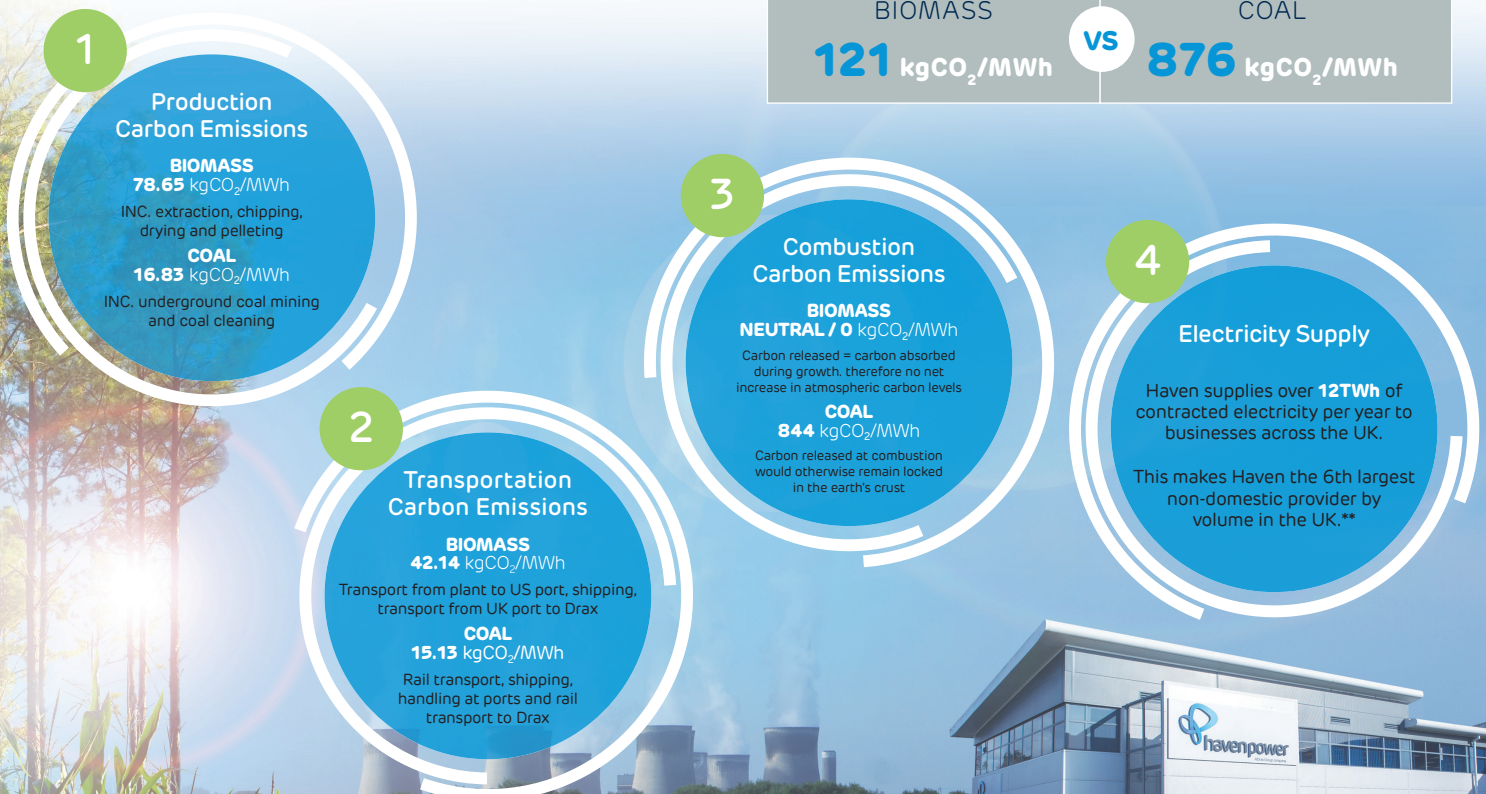


Any business wanting to take electricity from a renewable source needs to be aware of the Renewable Energy Guarantees of Origin (REGO) scheme, administered by Ofgem. This scheme was established to promote and increase the contribution of renewable energy sources to electricity production across the EU.

Helpfully for businesses, the REGO certifies whether electricity has been generated from eligible renewable sources. The renewable electricity that Haven Power supplies is fully-backed by biomass REGOs, meaning customers can be confident that their electricity is fully renewable. As a supplier that prides itself on **transparency** and **openness**, we fully support the REGO scheme and the assurance it offers customers.

The biomass story

This is the story of biomass' carbon cycle, with emissions and savings highlighted along the way.



Total Carbon Emissions

86% REDUCTION

From use of biomass compared to coal*

BIOMASS	VS	COAL
121 kgCO ₂ /MWh		876 kgCO ₂ /MWh

*Carbon emissions are calculated using Ofgem's solid biomass and biogas carbon calculator. **Cornwall Market B2B Market Share Survey.