

VIRTUS Data Centres

Powered by 100% Renewable Energy

Powering the digital economy

Data centres use electricity to power the servers that underpin modern life. As Critical National Infrastructure, they are fundamental to the services we rely on every day - everything that happens on the internet, happens in a data centre. Whether as individuals, businesses, or organisations, we interact with data centres hundreds of times each day.



VIRTUS' Sustainable Digital Infrastructure

At VIRTUS, sustainability is encoded in its DNA. From promoting biodiversity and closed-loop cooling, to recycled materials and achieving leading building certification, sustainable practices form the foundation of our data centres. How we source and manage our power is vital to this operation.

VIRTUS exclusively powers its operations from **100% renewable sources**. This is secured through a mix of Power Purchase Agreements (PPA) and Renewable Energy Guarantees of Origin (REGO), ensuring fully certified renewable power for all of VIRTUS' operations. We draw from a diverse mix of Solar, Wind and Hydro power to minimise environmental impact.

Jargon Buster

What's a PPA?

A Power Purchase Agreement (PPA) allows VIRTUS to source renewable energy directly from clean energy projects, such as wind farms. This provides the financial certainty needed to unlock investment and accelerate the growth of new clean energy.

What's a REGO?

A Renewable Energy Guarantee of Origin ensures that for every unit of electricity we use, an equivalent amount of renewable energy has been generated and supplied to the UK grid, helping drive transparency and support the transition to renewable energy nationally.



Supporting the UK's Clean Energy Transition

Data centre operators such as VIRTUS are directly stimulating growth in renewable energy generation, by providing stable demand and helping to fund new wind, solar or hydro projects.

Myth vs Reality

Addressing Common Concerns about data centres power.

MYTH	REALITY
 Data centres burden the grid and increase consumer electricity costs	 Data centres draw high-voltage power that cannot be used to power homes
 Data centres are using fossil fuels	 Data centre operators like VIRTUS only use 100% renewable source energy

Future Energy Strategy

Looking ahead, we will continue to explore additional behind-the-meter solutions such as: solar, battery energy storage systems (BESS), gas facilities, carbon capture, utilisation and storage (CCUS), and biomass.



Certification

VIRTUS' renewable energy sourcing is backed by verified certification.

Verified by:



*100% of the electricity supplied is renewable backed by certificates of renewable energy guarantees of origin. Emission factor compliant with the GHG Protocol Scope 2 guidance and to be used for the 'market-based' method

All of VIRTUS' energy is generated **within the UK**, for our UK sites, and is **100% certified**.

VIRTUS
Data Centres