

Energy Label

Origin of Electricity Supply

University of Reading

Purchased SmartestEnergy's **Renewable Standard** and **Renewable Specific** product, providing verified 100% renewable electricity from **a mix of wind and solar** from **01 April 2023** to **31 March 2024**

Electricity Category	gCO2/kWh	MWh Supplied	CO ² emissions	Electricity Source
A+	0	24994	0	Renewable Specific A+
A	0-20			
B	21-100			
C	101-250			
D	251-450			
E	451-600			
F	601-800			
G	801+			

Total electricity supplied:

24994MWh

Total scope 2 emissions:

0kgCO2

Total radioactive waste:

0kg

Renewable Specific Fuel Mix:

71.03%
Wind

28.97%
Solar



Reporting zero carbon emissions

Our 100% renewable electricity products are verified by the Carbon Trust and conform to the Greenhouse Gas Protocol. This enables our customers to report zero carbon emissions for purchased electricity from SmartestEnergy when using the market-based reporting method. The emissions provided in this label are in CO₂, not CO₂e. The Greenhouse Gas Protocol Scope 2 Guidance states that emission factor sets may provide CO₂ emission rates, which would not include emission rates for CH₄ and N₂O.

Our Carbon Trust verification is reviewed annually to ensure ongoing compliance. Please refer to the [SmartestEnergy website](#) for full details of the most recent published compliance period.

This energy label evidences the procurement of renewable electricity. For completeness, it also includes any conventional electricity supply from SmartestEnergy procured during the same compliance period.

This label refers only to the sites that were supplied by SmartestEnergy in the reporting period stated above and is non-transferable. Please refer to your billed account for a full list of sites covered.

Please note: Numbers on this Energy Label are subject to rounding.



User Guide

How to use your Energy Label

Understanding your energy label

It's important for your business to know where your renewable electricity comes from, so we provide an annual energy label to evidence the source of your supply. Your energy label shows the carbon emissions of every megawatt hour of renewable electricity we supplied to your sites during the reporting period (1st April 2023 - 31st March 2024). This period is in line with Ofgem's annual Fuel Mix Disclosure reporting, published in August every year, which all UK suppliers must adhere to.

How is your energy label created?

Every megawatt hour of electricity supplied to our renewable customers during the reporting period is backed with a UK-recognised origin certificate. Using our unique Emissions Factor Model, we allocate one origin certificate to every megawatt hour supplied to our renewable customers. This robust process ensures there is no double-counting or under-allocation of certificates. To provide added confidence, this process is verified by the Carbon Trust.

As well as quarterly checks to ensure we have sufficient certificates, the Carbon Trust conduct an annual audit which ensures:

- Every megawatt hour supplied is backed by an origin certificate.
- These certificates are redeemed by SmartestEnergy on the Ofgem Renewables and CHP Register.
- The certificates redeemed are aligned and valid for the current reporting period.
- The certificates are matched on a 1:1 basis to actual (not estimate) consumption.

Once the Carbon Trust's annual audit is complete, we publish our annual fuel mix for our conventional and renewable electricity products on our website and create individual energy labels for all our renewable customers by October every year. Full details of the Carbon Trust verification and our fuel mix can be found [here](#).

What does the energy label show?

Dates: Your label shows the electricity you were supplied with from 1st April 2023 - 31st March 2024, or a period within this if your supply commenced after 1st April 2023.

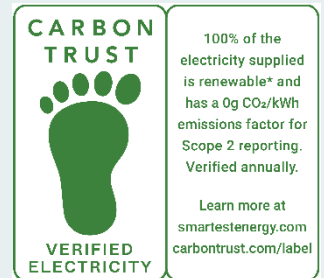
Consumption: The megawatt hours consumed across your sites within the reporting period. (This may include some conventional supply if you switched to one of our 100% renewable products part-way through the period or added any new sites on separate conventional contracts).

Fuel mix: The sources of electricity that make up the renewable electricity product you were supplied with. Refer to our website for more information on these [generation technologies](#).

Scope 2 carbon emissions: All our renewable electricity supply products have zero scope 2 carbon emissions, in accordance with the GHG Protocol Scope 2 Guidance. Carbon emissions for conventional supply may also be shown on your label.

Radioactive waste: Our conventional electricity supply from the grid includes nuclear which generates radioactive waste, so this is also included on your label for reporting purposes.

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.

What can I do with my energy label?

Procuring 100% renewable electricity is the most effective way to start your net-zero journey and actively support the wider UK net-zero targets. We therefore encourage you to promote your organisation's decision to purchase 100% renewable electricity. Your energy label helps you communicate your energy procurement decisions with confidence in a format that employees, customers and stakeholders can easily recognise and understand.

Here are some ways you can use your energy label:



Use the data for your corporate sustainability reporting:

The scope 2 carbon emissions from your energy label can be used as part of your corporate carbon reporting. Some of our customers also like to show their label within their annual sustainability report.



Share your energy label and/or the information it contains with customers and investors to prove your sustainability credentials:

Publish your label on your company website, include it with press releases and display it in your offices/stores to create engagement with conscientious customers and investors.



Internal engagement with staff:

Show staff that your organisation is committed to sustainability with the tangible example of your energy label and increase engagement with other environmental initiatives such as energy efficiency.

Get in touch

For questions about your energy label, please contact your Account Manager directly or phone 01473 234150.