



Sustainable Web Hosting

How we use 100% renewable
power for your web hosting.

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The internet uses a lot of electricity, contributing to climate change. It's estimated that it uses over 400 terawatt-hours a year*. That's more than the whole of the UK, for example.

That's why we're committed to using 100% renewable energy in our web hosting, as well as ensuring that our data centres are as efficient as possible.

* <https://www.websitecarbon.com/>

Powered by 100% renewable energy

Our Tier 3 data centres run on 100% renewable energy: wind and solar power. As such, their supply is carbon-neutral.

Operating efficiency

PUE is a measure of power usage efficiency. Our data centres have a PUE as low as 1.12. A lower score ratio is better. A 'perfect' efficiency ratio would be 1.0, but our data centres stand amongst the most efficient around. Others tend to have a PUE of 1.2 or higher.

This is achieved through the latest power-saving technologies in servers and uninterruptible power supplies. The same goes for our cooling, which also uses low global warming impact refrigerants.



The power saved through operating efficiency can be added to the grid, allowing more renewable energy to be supplied and reducing the reliance for fossil fuels.

Autoscaling technology

Our hosting platform contributes to our efficiency, too. While a busy website is given all the resources it needs from our multi-server platform, the same applies in reverse. So if a website isn't busy, it will only make use of the small amount of resource it needs - saving energy.

Of course, if there's a sudden spike in traffic, our servers will ramp-up instantly, guaranteeing a fast website, however busy it gets.

