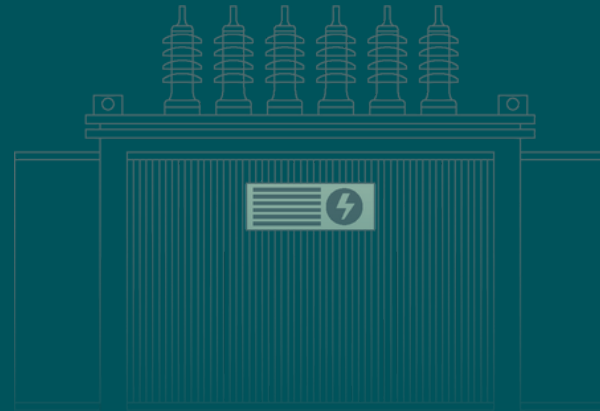




powerdown220



LEADING
SPECIALISTS



Voltage Optimisation Cuts Costs and Carbon in the Hotel Industry

Voltage Optimisation (VO) has been used extensively in the hospitality industry for a number of years to reduce energy costs on-site. Because of the steady nature of hotel consumption, VO tends to provide steady and consistent savings in comparison to other industries where savings can fluctuate in line with large increases and decreases in usage.

Whilst there is a difference in savings across all electrical equipment based on its voltage dependency, VO tends to make consistently high savings on equipment such as fridges, freezers, beer chillers & and compressors, and beer pumps.

Whilst VO does not make a saving on LED lighting, it does help to protect the equipment and make it last longer, with an increase in the equipment lifespan of up to 46%, as stated by (UK wiring regs BS7671).

Calculating a hotel savings for VO is a fairly straightforward process, our technical team completes a full on-site technical survey, to confirm the exact savings made at any particular site.

Once we complete technical survey we are able to offer a full savings guarantee, meaning if we don't deliver the savings promised, we will remove the equipment and offer a full refund.

Get in touch today to find out how much your hotel could be saving with Voltage Optimisation.



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Westmont Hospitality Group Reduces Energy Annual Spend by £418K

One of our most recent voltage optimisation projects in the hotel industry was with Westmont Hospitality Group, which is an owner and operator of Hotels around the globe.

Westmont operates over 250 hotels in almost every country in Europe, they currently operate internationally under franchise agreements for hotel brands such as Hilton, IHG and Marriot.

Westmont hotels chose Powerdown220 to install voltage optimisation across a selection of five of their UK hotels. As part of the project we installed a voltage optimiser in:

- Double Tree Hilton Hyde Park, London
- Hilton Curio Westminster, London
- Victoria & Albert Marriot Hotel, London
- Brooklands Hotel, Surrey
- Crowne Plaza London, Ealing, an IHG Hotel

Across the five sites Westmont Hospitality will save a staggering £418K annually on their energy bills with the project paying for itself in just 7 months, leaving more room for investment in other areas of the business, we are proud to share the full project figures below:

Annual Savings: £418,788

Annual Carbon Reduction: 132,000 KG

Payback Period: 7 Months

ROI: 172.4%

AVG Savings Per Site: £83,757

AVG Carbon Reduction Per Site: 26,400 KG





The Mere Golf Resort and Spa Reduces Energy Bills Maintenance Costs

Mere Hotel, Golf Resort and Spa, near Knutsford, Cheshire approached Powerdown to find ways of reducing their energy bills and carbon footprint, by improving energy efficiency.

At the start of our conversations, we were advised that over 1500 LED light bulbs had been changed in the previous 12-month period.

It quickly became clear that voltages of around 250V were having a significant effect on the working life of these bulbs, and causing them to blow frequently.

Since we installed the voltage optimiser, The Mere are only replacing a tiny percentage of their light bulbs annually compared to pre optimised voltage.

The Financial Controller at The Mere said 'I am very happy with the service we received from Powerdown and everything was delivered as promised'

Annual Spend: **£250,000**

Project Cost: **£36,000**

Annual Savings: **£24,000**

Percentage Savings: **9.6%**

Payback: **18 Months**





Casa and Peak Hotels Reduce Energy Consumption by 9.98%.

Casa and Peak are two hotels located in Chesterfield, by Global Brands. They approached Powerdown220 due high voltage levels.

After undertaking a site survey we determined we would make a 9.98% energy reduction by reducing their voltage down to 220V.

Annual Spend: £498,026

Annual Savings: £49,714

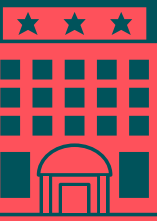
Percentage Savings: 9.98%

Annual Carbon Reduction: 50,000 KG



The Dakota in Hotel in Leeds reduced their electricity bill by £10,828 per year.

- **59.2% return on investment**
- **Energy consumption reduced by 8.55%**
- **Harmful carbon emissions cut by 35,529 KG**
- **Electrical equipment will last up to 46% longer!**





Get in touch with us today to find out how much your hotel could be saving!

You can keep up to date with the latest Voltage Optimisation industry news on our website.

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 www.powerdown220.co.uk



A green way to
save money