



LEADING SPECIALISTS



powerdown220

Voltage Optimisation Cuts Costs and Carbon in Over 1100 Pub, Restaurant and Bars



Mitchells and Butlers have cut costs and carbon in the largest UK VO rollout in history. With a target of achieving net zero emissions for the company by 2040, Voltage Optimisation became the technology of choice to help towards this goal.

Powerdown220 was chosen to install VO in 1123 sites that were suitable for the technology. An ambitious number considering the timeframe given, but one that was supported by a "really robust plan and one that no one else came close to saying they could do that quickly", Dale Fenton, Energy Manager at M&B.

The project was completed in less than a year with 60 machines being installed per week at the height of the project, resulting in the ambitious target being achieved.

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 pub or restaurant 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 typical pub or restaurant savings through 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. After installing over 1200 machines across UK pubs and restaurants, we are seeing typical savings of between 7% - 8.5% per site.

Get in touch today to find out how much your pub, restaurant, or bar could be saving with Voltage Optimisation.

HYDES 1863

We have recently completed two installations at two Hydes Pubs, The Abel Heywood in Manchester and the Coach and Four in Wilmslow, Cheshire. After undertaking a survey on site to understand the maximum demand and equipment operations, we established that they required 2x 100amp Voltage Optimisers. Once the survey was complete we were able to offer a savings guarantee, the results are below:

- Number of sites: 2**
- Avg savings per site: £2,524**
- Avg CO2 reduction per site: 4000 KG**
- Total annual CO2 reduction: 8000 KG**
- Total annual savings: £5,049**



info@powerdown220.com



www.powerdown220.co.uk



01625 469 011