

Hotel turns to iVolt to save on bills

The owners of one of Britain's top spa hotels are set to slash their bills by £8,000 a year after installing an iVolt unit as part of a drive to tackle rising energy prices.

As well as the financial savings, bosses at Surrey's five star Alexander House will see their annual carbon emissions drop by around 70 metric tonnes – the equivalent of taking 14 family cars off the road each year.

With an award-winning spa and pool complex, two restaurants and 38 rooms, the former manor house was consuming 1.23m kWh or energy and running up annual bills of more than £80,000 before the intelligent voltage optimisation system was installed and instantly lowered the site's electricity consumption by 10%.

Michael Thomas, the Group Financial Controller at Alexander Hotels & Utopia Spa, said: "We came across iVolt after seeing a piece in The Hotelier about the company's work to reduce the energy consumption at another hotel and so we began to look into optimising our power supply. We looked at another voltage optimisation manufacturer too but found iVolt to be by far the most professional and knowledgeable. The installation went seamlessly and we're very pleased with the savings."

A variable voltage optimiser, the multi-award-winning iVolt works by reducing the incoming power supply from a UK average of

242V to 220V (+/- 1.5%) – the level at which electrical equipment works most efficiently – cutting the amount of electricity used from the moment it is switched on.

By stabilising the voltage and preventing surges in power, the iVolt also protects equipment such as motors, pumps and bulbs, improving the lifespan and reducing the need for maintenance and servicing in the long run.

Named one of 30 British businesses with 'world class potential' by The Daily Telegraph, the iVolt differs from other voltage optimisation systems by offering a patented Intelligent Real Time (IRT) Energy

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Monitor. This groundbreaking device, which is integrated into every unit, enables the team at Alexander House to track their savings instantly and accurately. As well as being used to educate staff about their energy usage, the data the IRT monitor provides enables the team to confidently predict a site's return on investment – in this case, three years.

As a variable reduction system, the iVolt also allowed for up to 30% greater savings than fixed reduction units.

A member of the Small Luxury Hotels of the World and with two AA rosettes, Alexander House is part of a small group of luxury hotels, including Langshott Manor, near Gatwick, and Rowhill Grange in Kent. While iVolt's in-depth site surveys showed the other sites would not benefit as greatly from an optimised power supply, the management team has turned to gas burner management units, low wattage bulbs and solar panels elsewhere in a bid to further reduce the group's impact on the environment.

Manhal Allos, iVolt's founder and MD, said: "While not every site is suited to voltage optimisation – including Langshott Manor and Rowhill Grange – it is thought that some 400,000 British businesses could benefit from the technology and we're confident that the iVolt would save more money in 90% of those cases.

"We're very open about how and when voltage optimisation works and the iVolt's IRT Energy Monitor has proved a real industry game-changer as it enables us to pinpoint with accuracy just how well a unit is performing at a site, at any given time. In the case of Alexander House, we're seeing savings of 10.18% and that equates to nearly £8,400. For a busy hotel, it's an important saving and there will be additional benefits as independent research shows that equipment lasts longer when it is operated at 220V."

FOR MORE INFORMATION ON IVOLT:

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PROJECT/CUSTOMER:
Alexander House Hotel

DATE OF INSTALL:
June 2013

ANNUAL kWhr CONSUMPTION:
1,230,400

IVOLT UNIT SIZE:
400A

ENERGY SAVING:
10.18%

CO2 EMISSIONS REDUCTION:
68.3 metric tonnes



One of the UK's top spa destinations, Alexander House Hotel was facing energy bills of £80,000 a year before turning to iVolt.



We don't predict energy savings at iVolt
- we PROVE them*

iVolt®

Intelligent Power Optimisation

"One of 30 British businesses with world class potential"
The Daily Telegraph



*And we're the only voltage optimisation manufacturer who can ...



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