A MORE SUSTAINABLE AND ENERGY AWARE FUTURE

Foxhills Hotel significantly improved their energy efficiency by adopting the iVolt system, which helped them reduce their energy consumption and bills while preventing equipment damage and eliminating the risk of under-voltage

Foxhills

Foxhills Hotel and Resort, a luxurious establishment located in Surrey, England, boasts 70 bedrooms and a range of facilities including 12 tennis courts, five swimming pools, a conference centre, two championship golf courses, and a spa. With a large property and over 150 staff members, Foxhills was facing increasing energy costs and wanted to become more energy efficient.

To tackle this issue, Foxhills turned to voltage optimisation and, in 2011 approached iVolt for a solution. The hotel's forward-thinking approach to energy efficiency and conservation paid off immediately. In the first year of operation, the hotel's energy bills dropped by over £15,500, a considerable amount for an establishment of this size - helping Foxhills reduce its energy consumption and bills significantly.

The iVolt system is designed to monitor and regulate existing electricity supply, reducing it to a steady 220V (+/-1.5%), the optimal level for electrical equipment efficiency. This one-time investment had zero impact on hotel operations and delivered benefits throughout the site.

Foxhills became one of the first hotels in the UK to install the iVolt and this helped prevent equipment damage, eliminated the risk of under-voltage, and allowed for up to 30% greater savings compared to fixed reduction systems. Moreover, the iVolt system's Intelligent Real-Time Energy Monitoring technology enabled Foxhills to educate its staff on energy use. The software allowed the facilities director to monitor energy consumption and pinpoint peak usage, which he used to make staff more aware of energy wastage. This led to greater

iVolt®
Intelligent Power Optimisation

at a glance

FOXHILLS HOTEL AND RESORT

1,462,395
TOTAL ENERGY SAVED (kWh)

3x800A
IVOLT SIZE

27/11/2011
INSTALL DATE

21.5
ROI ACHIEVED (MONTHS)

451,880
CO_2 EMISSIONS REDUCED (kg)

6.34
ENERGY SAVED (%)

INFORMATION CORRECT AS OF 03/03/2023

staff awareness and further energy savings. The iVolt proved to be an effective solution for hotels and similar facilities looking to cut energy costs and reduce their environmental impact.

But the benefits of iVolt didn't stop there. The iVolt also helped reduce Foxhills' carbon footprint, a significant environmental benefit.

Overall, Foxhills Hotel and Resort's innovative approach to energy conservation and efficiency has paid off, thanks to the iVolt system. The Intelligent Real-Time Energy Monitoring technology was instrumental in educating staff about energy use and waste, leading to greater savings. The iVolt system proved to be an effective solution for hotels and similar facilities looking to cut energy costs and reduce their environmental impact. By adopting the iVolt system, Foxhills has become a shining example of sustainable and efficient energy use in the hospitality industry.

The iVolt® not only saves us money by reducing the amount of power we use but it reduces the strain on equipment ... and by monitoring our energy consumption in real time it helps make staff more conscious of the electricity we're using - and in many cases wasting.

Ben Biggs
Facilities Director

For more information on iVolt:
T: 01753 214500
E: info@ivoltsystems.co.uk
W: www.ivoltsystems.co.uk

The iVolt® was designed in the UK and production takes place at its facility near Heathrow Airport. The company is part of the global Sollatek group and is accredited to ISO9001:2015

iVolt® offer a vast range of product sizes, ranging from 63A to 3,000A and above in both single and three phase, with a number of installations having been completed throughout the commercial, retail, manufacturing, leisure and public sectors.

iVolt®
Intelligent Power Optimisation