

# iVolt drives energy savings at green-thinking golf club

**A** Surrey golf club has reduced its energy bills by nearly £4,000 a year after adopting iVolt's award-winning technology.

St George's Hill Golf Club in Weybridge has seen its annual electricity consumption drop by around 13% - or 41,500kWhr - thanks to the advanced voltage optimisation system, which works by lowering the incoming power supply from an average 242V to a steady 220V.

Managers at the picturesque century-old course, which is served by exclusive function rooms and a busy restaurant, were advised to look into the iVolt system by energy experts at Powercor Electrical Services Ltd, who were brought in to help tackle rising energy prices and to reduce the busy club's carbon footprint. After a site survey showed it would benefit from the technology, the equipment was installed by Powercor's own engineers, with no disruption to the day-to-day running of the club.

Club secretary Barry Hill said: "Energy prices have increased so it can be hard to quantify but I'm satisfied that (the iVolt) does what we set out for it to do. We have fairly high energy bills at St George's Hill so it has been a worthwhile investment for

**“ It has been a worthwhile investment for us and the ROI is very clear.**

**Barry Hill  
Club Secretary  
St George's Hill Golf Club**

us. The return on investment is very clear.”

Indeed, the iVolt is the only voltage optimisation system on the market with the technology to accurately predict the payback - in this case less than four years - thanks to its patented Intelligent Real Time Energy Monitor.

This device - which led to iVolt being named one of 30 British businesses

with world class potential by *The Daily Telegraph* and HSBC - is integrated into each unit and tracks the savings being directly achieved by the iVolt, in real time. With an optional cloud-based GPRS tracking system, clients can also monitor how a site is performing in terms of energy consumption and savings, from the comfort of their desk.

Although based on ground-breaking technology, the iVolt unit works on a simple theory - that electrical equipment works most efficiently when the power supplied to it is at a steady 220V. It therefore monitors and reduces the incoming voltage accordingly, reducing energy consumption and bills, and eradicating the peaks and troughs in supply that can cause damage to equipment and lead to on going maintenance costs.

St George's Hill is one of a number of golf clubs to benefit from iVolt's energy saving technology. The system, which is designed for anything from the size of a small retail unit upwards, has also been installed at airports, rail stations, hotel and restaurant chains, schools, factories, government buildings and within the NHS. Since its launch in 2011 the iVolt has won several awards from the facility management industry and environmental campaigners.

**PROJECT/CUSTOMER:**  
St George's Hill

**IVOLT UNIT SIZE**  
IV03x300-12-2

**YEAR OF INSTALL:**  
2012

**ENERGY SAVING**  
12.97%

**ANNUAL kWhr CONSUMPTION**  
320,000

**CO2 EMISSIONS REDUCTION**  
21.8 metric tonnes

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 ISO9001:2008

**FOR MORE INFORMATION ON IVOLT:**

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



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



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



[www.ivoltsystems.co.uk](http://www.ivoltsystems.co.uk)

