# Centrica Business Solutions: powering profitability in the hotel & leisure industry

We have a proven track record of delivering end to end energy solutions to hotel and leisure organisations, providing optimisation of their energy infrastructure, enhanced customer experiences, improved resilience of services and the transition to more sustainable sources of energy.

### Our customers



### Solutions

### UK health club



One UK fitness centre chain installed a combined heat and power (CHP) unit 15 years ago and has added 75 more units at its various sites since. The units save £3 million annually and were installed at no capital cost.



### Dutch swimming park



One of the Netherlands' largest swimming centres uses an ENER-G cogeneration unit that has reduced CO<sub>2</sub> emissions, and led to significant cost savings at the resort. A new smoke gas cooler heats the water during cooler weather so that customers do not feel a dip in temperature.



## Italian sports centre



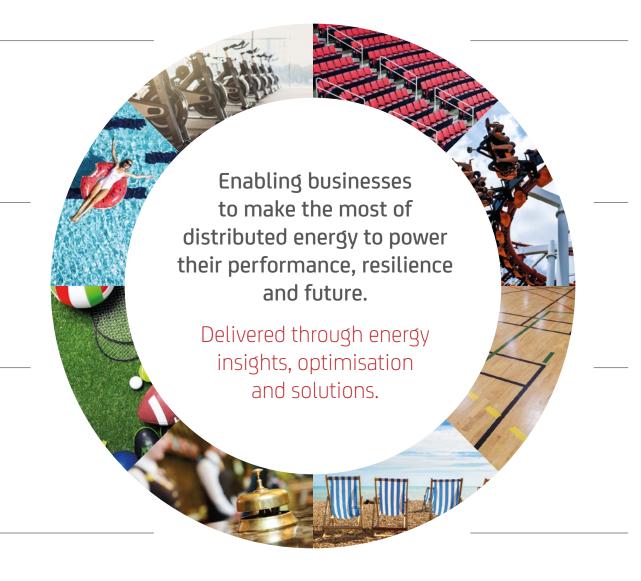
An Italian health club installed an electric CHP unit which is so productive, it can use the electricity produced, then resell the amount remaining to the local electricity grid. The CHP system offers the sports centre up to 40% in energy savings.



### UK hotel chain



A UK hotel chain with properties across London has been using CHP units for many years. With zero capital interest required, the hotel has benefitted from £40,000 energy cost savings annually and a reduction in carbon emissions of 800 tonnes.



### US indoor arena



A multi-purpose indoor arena in New York City is using a 1,500 kW ENER-G generator set to meet the massive demand for power and heating during sports games and music concerts at the 19,000-seat capacity venue.



### UK theme park



One of the UK's largest water and theme parks uses a CHP unit that generates up to 850 kWh of power and provides energy savings of over 12% annually. Better still, the CHP unit facilitated an 80% increase in energy efficiency.



# Hungarian sports hall



The Hungarian sports hall has taken steps to improve energy efficiency by installing an ENER-G 250B CHP unit, which is now saving more than 1,700 tonnes of carbon emissions annually. That is the equivalent of taking 350 cars off the road every year.



### **Optimisation**



# UK holiday resort

One UK holiday resort installed a 1 MWh energy storage solar machine to generate more effective off-peak energy consumption. The solar array powers 30 holiday cottages on site, saving the resort up to 50% on peak price energy imports.

