

Centrica Business Solutions: powering the food & drink industry for 30 years

Food and drink manufacturers are large consumers of energy. How they create and manage it can make a massive contribution to carbon emissions, to reputation and to the bottom line. Centrica Business Solutions provides a strategic approach to energy management.

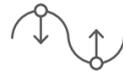
Our customers



Optimisation

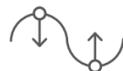
Brazilian sugar producer

A leading sugar production manufacturer in Brazil is using Demand Side Response at its mills. The result has led to a 20% reduction in CO₂ emissions and a 20% reduction in the energy required to produce one tonne of sugar.



Belgian water plant

A water treatment facility in Belgium employs DSR service that has slashed annual carbon emissions by 4,000 tonnes. It has led to a reduction in load of 5 MW whilst having no effect on water throughput or pipeline pressure.



Insight

Mexican restaurant chain

This chain of restaurants in Mexico has reduced energy consumption by 7.5% by installing 1,300 Panoramic Power PowerRadar sensors at 30 restaurants. The sensors capture data every 10 seconds giving an accurate view of energy expenditure.



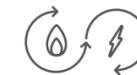
Enabling businesses to make the most of distributed energy to power their performance, resilience and future.

Delivered through energy insights, optimisation and solutions.



Solutions

UK bakery



One of Britain's largest bakeries has installed a 1MWe Combined Heat and Power (CHP) Unit. Using waste gas and water to power its new European plant (the largest in Europe) has saved the company £400k and 1,084 tonnes of carbon emissions per year.



International food brand



The UK arm of this well-known food brand has installed a full suite of our products and services, including lighting and electrical upgrades, Motor Control Centres for all plant machinery and the complete removal of all equipment and re-installation at another factory.



US wine warehouse



A nationally-recognised US wine warehouse has achieved round-the-clock climate control with Rudox Power Generation. A 400 kW generator set, housed in a sound attenuated enclosure, keeps operations running 24/7.



Global drink manufacturer



This global fizzy drink manufacturer has installed a CHP unit at its Italian bottling plant. The unit now generates 60% of the plant's electricity, 80% of refrigeration and almost all of the steam requirements.