

Sainsbury's puts the spotlight on energy efficiency in stores across the UK.

The Opportunity

For the second largest chain of supermarkets in the United Kingdom, sustainability goals are a high priority. Sainsbury's prides itself on doing the right thing for its customers – and creating a greener supermarket is chief among the company's core values.

As noted by Paul Crewe, Sainsbury's Head of Sustainability, Energy, Engineering & Environment, the company is committed to lowering the carbon emissions of its stores.

IN FACT,

Sainsbury's *live well for less*



**compared to 2005 baseline levels,
as outlined in the supermarket's
Sustainability Plan.**

The target has spurred numerous energy efficiency and renewable energy initiatives across UK stores – and switching to LED lighting is a big step in the right direction. To that end, Sainsbury's is partnering with Current, powered by GE to become the first grocery retailer in the UK to power all its supermarkets entirely by LED lighting.

The Solution

To unlock substantial energy savings – and align with the company’s sustainability goals – Current has developed a large-scale, integrated lighting solution for Sainsbury’s.

THE SOLUTION INCLUDES UPGRADING



cutting Sainsbury’s energy consumption by 58% and reducing greenhouse gas emissions by more than 3% annually.

The solution is unique in several ways. First, Current can leverage its lighting expertise in retrofit design, product design, manufacturing, testing, and installing/commissioning to recommend lighting technological specifications available in the marketplace. In doing so, Current will act as an independent lighting consultant with a primary focus on making the solution meet Sainsbury’s key performance indicators.

Second, the specification allows for the seamless lighting and intelligent environment integration required by Sainsbury’s. The LEDs provided through this solution are either available within GE’s store or externally sourced, providing the technology in-house only when it’s estimated as the best fit for the purpose in the marketplace.

The Results

Current is delivering the massive lighting retrofit as a turnkey service, embedding financing from GE Capital Industrial Finance with lighting design, product supply, installation, and project management services. The full LED conversion across all Sainsbury’s stores is scheduled to be completed by 2020.

By leveraging GE Capital Financing capabilities and in-depth expertise, Current can provide a solution that will be paid over time through the savings the company unlocks.

Current will also be working with Sainsbury's to further co-innovate and co-create intelligent environments. The goal is to unlock additional investment to drive energy efficiencies and other benefits leveraging the wide GE store – tailoring solutions for the Sainsbury's business and its customers.

“For years, Sainsbury's has placed itself on a trajectory toward reducing its impact on the environment. At Current, we believe the adoption of energy efficient technology can be a core piece of building not only a more sustainable business, but also a more profitable one. We're proud to continue partnering with the Sainsbury's team, and this ambitious project represents the next step of that journey.”

—Pete Lau

CEO of European operations
Current, powered by GE



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make your environment intelligent?

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