

Global leader in cold storage reduces energy consumption by 92%

Cold storage leader is committed to saving energy and reducing energy costs while dramatically improving the quality and quantity of lighting in their cold storage warehouses.



A global leader in temperature-controlled warehousing and logistics to the food industry, offers the most comprehensive temperature-controlled warehousing, transportation, and logistics solutions in the world.

This company owns and operates over 182 temperature-controlled warehouses in the United States, Australia, New Zealand, China, Argentina, and Canada. They are committed to saving energy as part of their corporate sustainability program at their facilities worldwide.

The challenge

- Reduce energy costs
- Reduce energy consumption
- Dramatically improve the quality and quantity of lighting in their cold storage warehouses



saved in
utility rebates



saved in annual
energy savings

The solution

They contacted Centrica Business Solutions to perform construction-grade energy audits and complete value-engineered designs of new energy-efficient lighting systems for twenty-eight facilities across the United States. Centrica Business Solutions recommended upgrading LED fixtures based on their superior performance in cold storage applications, combined with motion controls. Replacing the HID lighting with energy-efficient LED fixtures and motion controls helped the company reduce lighting-related energy consumption by as much as 92%, with an average payback period of just 1.5 years.

The impact

The impressive results achieved convinced them to continue working with Centrica Business Solutions to implement projects at additional facilities nationwide. The energy saved equates to planting 20,715 acres of trees, saving 2,833,252 gallons of gas, or removing 5,265 cars from the road every year.

- \$1,489,422 saved in utility rebates
- 35,819 kWh saved in annual energy savings