



CASE STUDY: AMERICOLD

Industrial Facility Turns Savings Into Cold Cash

A global leader in providing temperature-controlled warehousing and logistics for the food industry, Americold owns and operates more than 180 temperature-controlled warehouses in the U.S., Australia, New Zealand, China, Argentina and Canada. These warehouses connect food producers, processors, distributors and retailers to the end consumer.

Americold considers increased energy efficiency a top initiative for management and associates. A lighting retrofit project and incentives from NV Energy were ideal ways to save energy and trim costs. Since 2007, Americold has implemented lighting retrofits, refrigeration improvements and employee awareness projects.

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CALL | 800.342.6335

EMAIL | commercial@nvenergy.com

WEB | www.nvenergy.com/commercial

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Project Summary

Americold undertook lighting retrofits at its refrigeration and freezer warehouses in Las Vegas. “We are committed to achieving sustainable growth that benefits our customers, employees, shareholders and communities around us. Our ‘Green’ initiative, in place since 2007, has reduced the consumption of natural resources and developed many new ideas for reducing carbon emissions by conserving, recycling, reusing, and more efficiently operating our facilities and corporate office,” said the general manager of Americold Nevada and Colorado.



Energy-saving Equipment

The project replaced 191 400-watt metal halide and 199 400-watt high-pressure sodium fixtures with four-foot, two-bar and three-bar LED fixtures with occupancy sensors. The occupancy sensors turn off lighting when areas are unoccupied. These fixtures operate approximately 38% of the time, translating into notable energy savings. This new equipment will save Americold more than 1.6 million kWh annually.



Project Results

Building Type: Industrial

Project Type: Retrofit

Measures: LED lighting with occupancy sensors

Incentive: \$87,057

Projected Annual kWh Savings: 1,697,226