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 182 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 consumes more than 700 million kWh of electrical energy annually, making increased energy efficiency a top initiative for management and associates.

Americold undertook lighting retrofits at its refrigeration and freezer warehouses in Las Vegas. 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 percent of the time, translating into notable energy savings.

"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 Ross Smith, general manager of Americold Nevada and Colorado.

PROJECT SUMMARY

Building Type:
Industrial

Project Type:
Retrofit

Measure:
LED lighting with occupancy sensors

NV Energy Sure Bet Incentive:
$87,057

Annual Projected Electricity Savings:
1,697,226 kWh

Since 2007, Americold has implemented lighting retrofits, refrigeration improvements and employee awareness projects that save enough energy to power 7,000 homes for one year.

Pre-Installation

Post-Installation

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