



TRADE ALLY NETWORK^{NW}

Building Success Together

CASE STUDY

LED LIGHTING



FIESTA FOODS

PROJECT-AT-A-GLANCE

EQUIPMENT INSTALLED

LED lighting

FINANCIAL ANALYSIS

\$375,940

PROJECT COST

\$218,355

INCENTIVES

1.99 YEARS

PROJECT PAYBACK

ESTIMATED ANNUAL SAVINGS

1.33 MILLION

ANNUAL KILOWATT HOUR SAVINGS

\$79,054

ANNUAL ENERGY COST SAVINGS

GROCER RINGS UP ENERGY SAVINGS

An ambitious lighting upgrade at Fiesta Foods' four locations in central Washington was expected to reduce the specialty grocer's energy consumption by approximately 1.33 million kilowatt hours of electricity and save more than \$79,000 in energy costs annually. And with incentives offered by utilities in each store's local community, the project payback was less than two years.

The grocer's first goal was to reduce energy costs, and the second was to freshen the look of merchandise in individual stores.

The four Fiesta Foods stores range in size from 40,000 to 45,000 square feet and are located in Hermiston, Ore., and Pasco, Sunnyside and Yakima, Wash. Two of the stores were existing grocery store buildings repurposed by the owner, and two were new construction. Working with the trade ally contractor, Fiesta Foods developed a lighting upgrade plan for each store based on local utility incentives.

...the specialty grocer will save more than \$79,000 in energy costs annually.

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The chain replaced a total of 3,636 older T8s and HIDs with 100 percent LED products. While the scope of the upgrade varied by store, generally it included improvements to overhead lighting, refrigerated case lighting, and interior and exterior lighting.

Better quality lighting can make an impact on retail store revenue by enhancing the shopping experience for customers. Brighter lights make fresh foods and produce look more appealing, and greater visibility helps customers find products on store shelves and in refrigerated cases. LED technology is not only more energy efficient, which helps reduce energy waste, but the product's long lamp life means retailers save on maintenance and replacement costs.

