

# New lights prove a money-saver for Fareway

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## Background

Where does all the food come from that lines the shelves of your local Fareway grocery store? In more than 80 stores in Iowa and Nebraska, those stacks and stacks of groceries come from the Fareway Distribution Center located in Boone, Iowa.



According to Fareway Executive Vice President, Fred Greiner, the Fareway Distribution Center in Boone, Iowa, services more than 80 Fareway grocery stores in Iowa and Nebraska.

The facility runs 24/5 and, as you might expect, lighting the 257,000 square foot building – roughly the size of six football fields – takes lots of power, resulting in some sizable electric bills.

“One of the services we provide to our customers is recommending energy-efficiency solutions,” said Alliant Energy Account Manager Margaret Saddoris.

## Solution

Alliant Energy technicians conducted a study to discover potential energy savings. “Three energy-saving measures were detected, but the lighting project took precedence,” said Saddoris.

With Performance Edge, the lighting project is paid for through the actual energy savings and other quantifiable non-energy savings with no out-of-pocket expense. Once the project is paid for, Fareway will continue to reap the money-saving benefits of high-quality, high-tech equipment.

Alliant Energy converted Fareway’s old T-12 cool-white fluorescent lamps and transformer-type magnetic ballasts to highly efficient T-8 lamps and electronic ballasts. These replacements are setting new standards for low power consumption, low life-cycle cost and illumination that more closely resembles natural light. The center’s 250-watt metal halide fixtures were also updated to 200-watt fixtures.

## Results

Fareway Executive Vice President Fred Greiner, commented, “We are very happy with the outcome of the project. It allows us to reduce the air conditioning load and improve the light level while still reducing our energy costs.”

“This project will result in energy savings of 297,635 kWh and a cost savings of \$17,858 annually,” added Saddoris.

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