

CASE STUDY:

Harps Food Stores—Noel



QUICK FACTS

ENERGY SAVINGS

15.3 KW

82,300 KWH PER YR

Producing this amount of energy with photovoltaics (solar) would require a 70-kW array at a cost of over \$225,000.

ENVIRONMENTAL IMPACT

30 TONS PER YEAR CARBON REDUCTION

ECONOMICS

INCENTIVES: \$25,250 (over 70% of the project cost)

ANNUAL SAVINGS: \$6,480

SIMPLE PAYBACK: 18 MONTHS

PROJECT SCOPE

Harps Food Stores operates over fifty grocery stores across three states. Ozark Energy Services was selected to update the lighting at an older facility in Noel, Missouri in an effort to reduce energy and maintenance costs, improve lighting and take advantage of two separate incentive programs.

“Overall, I was very happy with the project”

- Brian Jones, Director of Maintenance

THE PROJECT

A 3-lamp system was selected for the retail area that reduced power consumption by over 90-watts per fixture while maintaining perceived light levels. Exterior fixtures were also upgraded to T8 with shatter-resistant guards over lamps. Ozark Energy Services worked around the store's busy periods and areas to minimize the impact of the upgrade on the store's day-to-day operations.

This was done as a turn-key project. Everything from design, incentive applications, material procurement, installation, clean-up and recycling of lighting waste was all handled by OES.