

Cash Saver of Camden, TN



OVERVIEW

Cash Saver of Camden, Tennessee, a regional grocery store, was seeking to replace old, under performing lights and fixtures with new LED technology. Existing lighting was high-wattage and high-maintenance and they sought to reduce energy and associated maintenance costs while improving light level and security. They also sought unique financing options.

CHALLENGE

- Cut energy consumption by 60%
- Cut maintenance expense by 90%
- Improve illumination levels
- Upgrade the appearance of light fixtures
- Increase productivity and morale
- Improve safety and security



SOLUTION

- Replaced high wattage Metal Halide parking lights with LED replacement
- Replaced high wattage fluorescent lights in cold storage areas
- Added fixtures in shopping aisles to increase visibility and safety
- Upgraded parking lot and store front signage

RESULT

- Energy consumption reduced by 69%
- Maintenance expense reduced by 95%
- Increased illumination by 86% in the shopping area and > 50% in parking lot
- Found USDA Rural Energy Assistance Program (REAP) grant for almost \$20,000 (25% of project cost)

The Helios Energy Impact

Worker morale up!

10-year energy savings –
\$185,270

10-year maintenance savings –
\$70,080

Total 10-year savings –
\$255,350

395,760 lbs. of CO2 saved -- equivalent to removing **38** cars from the road, or not burning **20,200** gallons of gas yearly!