

LUCAS MARKET



BEACH CITY, OHIO Efficient Lighting Project

Lucas Market is a convenience store located in Beach City, Ohio. In business since 2001, the store has become a staple of the community, providing a quick and easy stop to meet the needs of local families.

PROJECT GOALS:

Reduce energy consumption and improve lighting.

SOLUTION:

Replace outdated T12 lighting fixtures with upgraded lighting technology throughout the store.

PROJECT SUMMARY:

In 2013, Lucas Market completed an efficient lighting project, replacing 22 T12 light fixtures with T8 fixtures throughout the convenience store. After submitting a single form, the company was able to apply for lighting rebates through Efficiency Smart's Business Energy Rebates program.

Lucas Market reduced the overall expense of the project with the financial incentive it received from Efficiency Smart. As a result of the installed lighting, the company lowered its energy consumption and costs. In addition, the new fixtures improved the lighting quality at the store, improving the shopping experience for its customers.



PROJECT FACTS AT A GLANCE

Annual kWh Savings:
11,600

Annual Cost Savings:
\$1,300

Lifetime Cost Savings:
\$19,900

Simple Payback:
0.43 years

Annual CO₂ Reduction:
22,300 pounds

PROJECT PARTNERS

Tammy Lucas
Manager and Owner
Lucas Market

Terry Madden
Former Village Administrator
Village of Beach City

Dan Preising
Village Administrator
Village of Beach City