

MCDONALD'S



ST. MARYS, OHIO Efficient Lighting Project

As part of the world's leading global food service retailer, Fort Inc. owns and operates the McDonald's on Indiana Avenue in St. Marys, Ohio. The McDonald's in St. Marys provides a local experience from a global company with more than 35,000 locations in more than 100 countries.

PROJECT GOALS:

Reduce energy consumption and improve lighting for customers at the restaurant.

SOLUTION:

Replace existing lighting with the latest light-emitting diodes (LEDs) and lighting technology upgrades.

PROJECT SUMMARY:

In 2013, Fort Inc. completed an efficient lighting project with Efficiency Smart at its McDonald's restaurant in St. Marys, Ohio. The company removed outdated lighting throughout the restaurant and installed:

- 79 LED downlights in the lobby
- 10 LED streetlight fixtures in the parking lot
- 16 LED wall-mount fixtures on the exterior of the building
- 12 compact fluorescent fixtures in decorative pendant lighting inside the restaurant
- Six LED canopy lighting fixtures on the outer perimeter of the building

An Efficiency Smart energy consultant worked with Fort Inc. to review the lighting design and calculate energy savings. With the new lights installed, the company reduced its electric consumption significantly. In addition, the improved lighting provided a welcoming environment for customers to enjoy.

As a result of the successful project, the company recommended Efficiency Smart's services to another McDonald's in Minster, Ohio, which also completed energy efficiency upgrades.



PROJECT FACTS AT A GLANCE

Annual kWh Savings:
90,100

Annual Cost Savings:
\$6,700

Lifetime Cost Savings:
\$98,100

Simple Payback:
4.54 years

Annual CO₂ Reduction:
175,500 pounds

PROJECT PARTNERS

Jeff Monfort
Co-owner
Fort Inc.

Mary Monfort
Co-owner
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Jason Monfort
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Greg Foxhoven
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