

# CONTINENTAL CONTITECH



## ST. MARYS, OHIO Efficient Lighting Project

Continental ContiTech, a specialist for plastics technology, is one of the leading suppliers of technical rubber products. It develops and produces functional parts, components, and systems for multiple industries. The company has operated its plant in St. Marys for more than 75 years.

### PROJECT GOALS:

Reduce energy use and operating costs.

### SOLUTION:

Replace existing lights with energy-efficient alternatives.

### PROJECT SUMMARY:

In 2016, Continental ContiTech partnered with Efficiency Smart to replace metal halide lights in its facility with high-performance T8s (HPT8s). The company also installed LED wall-packs and LED flood lights. An Efficiency Smart energy consultant worked with Continental ContiTech to review the project and verify savings.

Since the company operates 24-hours a day, the new lighting fixtures were able to reduce the company's electric costs significantly. Due to the success of the initial upgrades, Continental ContiTech is currently considering additional energy saving projects with Efficiency Smart.

"It's been a very valuable experience working with Efficiency Smart for our energy efficiency improvements. Its highly knowledgeable staff worked closely with our facilities personnel to optimize a plan which resulted in significant savings for our organization. The staff of Efficiency Smart were very professional and extremely helpful as a technical resource."

**-Frank Smith**  
Plant Engineering Manager, Continental ContiTech



### PROJECT FACTS AT A GLANCE

**Annual kWh Savings:**  
348,300

**Annual Cost Savings:**  
\$22,700

**Lifetime Cost Savings:**  
\$341,500

**Simple Payback:**  
1.03 years

**Annual CO<sub>2</sub> Reduction:**  
627,200 pounds

### PROJECT PARTNERS

Frank Smith  
Plant Engineering Manager  
Continental ContiTech

Herman Trick  
Electrical Engineer  
Continental ContiTech

Gregory Foxhoven  
Director of Public Service  
City of St. Marys