

TENNECO



NAPOLEON, OHIO

Efficient Lighting and Compressed Air Projects

Tenneco is one of the world's largest designers, manufacturers and marketers of clean air and ride performance products and systems. The company has more than 29,000 employees worldwide.

PROJECT GOALS:

Reduce electric costs at the company's Napoleon, Ohio, facility.

SOLUTION:

Install energy-efficient lights and a compressed air system.

PROJECT SUMMARY:

Tenneco has worked with Efficiency Smart since 2013, completing multiple lighting projects over the years. Most recently, the manufacturer worked with Efficiency Smart to install high-and-low bay LEDs throughout its offices and plant, along with a new air compressor system.

An Efficiency Smart energy consultant reviewed the lighting project and verified the energy savings. The energy consultant also helped Tenneco decide between two compressor options, reviewing vendor proposals and verifying savings estimates. After installation, the new air compressor was also metered to confirm the energy savings.

With the long-lasting LEDs and the new air compressor replacing three existing units, Tenneco will not only save on electric costs, but will also reduce its maintenance costs. As a big proponent of energy efficiency, Tenneco continues to consider future energy efficiency projects with Efficiency Smart.

“We have seen firsthand the many benefits that energy efficiency improvements can provide businesses. Efficiency Smart has helped us make sound decisions along the way, and we look forward to working together with them to meet our energy efficiency goals.”

Joel Smith, Facility Engineer, Tenneco



PROJECT FACTS AT A GLANCE

Annual kWh Savings:

1,941,300

Annual Cost Savings:

159,600

Lifetime Cost Savings:

\$2,489,700

Annual CO₂ Reduction:

3,717,600 pounds

PROJECT PARTNERS

Joel Smith,
Facility Engineer, Tenneco

Jason Brown,
Plant Manager, Tenneco

Joel Mazur,
City Manager, City of Napoleon