

T.A.P.E. INC.



WELLINGTON, OHIO Efficient Lighting Project

T.A.P.E. Inc. is a supplier of high-quality progressive dies and precision tools. Family owned and operated since 1967, its goal is to provide customers with a quality tool at an affordable price.

PROJECT GOALS:

Reduce energy consumption by increasing lighting efficiency.

SOLUTION:

Replace outdated, heat-producing metal halide fixtures with efficient alternatives.

PROJECT SUMMARY:

With a goal to reduce energy costs at its facility in Wellington, Ohio, T.A.P.E. Inc. worked with Efficiency Smart to upgrade its existing lighting with energy-efficient alternatives.

In 2012, the company completed the initial phase of the lighting project, replacing metal halide fixtures with T5 high-bay lamps.

After the success of the initial project, T.A.P.E. completed phase II in 2013, replacing 24 metal halide high-bay lighting fixtures with 12 light-emitting diode (LED) high-bay fixtures.

An Efficiency Smart energy consultant worked with T.A.P.E. to review the project design and provide cost analysis and saving verification of both lighting projects. By replacing the outdated and heat-producing metal halide fixtures, T.A.P.E. was able to reduce its overall energy costs and provide a better work environment at its facility. As a result of the success of the lighting projects, T.A.P.E. is currently undergoing additional energy efficiency projects.



PROJECT FACTS AT A GLANCE

Annual kWh Savings:
30,100 (combined)

Annual Cost Savings:
\$1,900 (combined)

Lifetime Cost Savings:
\$29,000 (combined)

Payback:
5.54 years (average)

Annual CO₂ Reduction:
56,800 (combined)

PROJECT PARTNERS

Forrest Mohrman, President,
T.A.P.E. Inc.

Connie Bradley,
Vice President, T.A.P.E. Inc.

Steve Pyles, Village Administrator,
Village of Wellington