

TRANSCO RAILWAY PRODUCTS



NEWTON FALLS, OHIO Compressed Air Project

Transco Railway Products Inc. (TRPI) is a privately held corporation established in 1936. Its 117,000-square-foot metal fabrication facility in Newton Falls, Ohio, manufactures and supplies railway parts, offering customers competitive pricing, superior quality, and dependable delivery times.

PROJECT GOALS:

Reduce energy consumption and operating costs while improving equipment air sources.

SOLUTION:

Replace oversized, inefficient air compressor with a new, smaller, energy-efficient model.

PROJECT SUMMARY:

TRPI first utilized Efficiency Smart's Business Energy Rebates program in 2011, after completing a facility-wide lighting project. After realizing energy savings and improving its lighting, TRPI again utilized the rebate program for a compressed air project in 2012.

The 2012 project consisted of replacing an older, oversized air compressor with an energy-efficient model equipped with a variable speed drive (VSD). As a result, the company was able to reduce energy costs and receive money back through the Efficiency Smart rebate, while providing a reliable, clean source of air for equipment within the facility.



PROJECT FACTS AT A GLANCE

Annual kWh Savings:
54,400

Annual Cost Savings:
\$6,000

Lifetime Cost Savings:
\$59,900

Payback:
1.05 years

Annual CO₂ Reduction:
108,300 pounds

PROJECT PARTNERS

Ken Brzozowski, Vice President,
Fabrication Division, TRPI

George Sampson, Sales Engineer,
Air Technologies

Tracy Reimbold, Finance Director,
City of Newton Falls