

Success Stories



Project Details:

Location:

3743 Tabs Drive
Uniontown, OH 44685

Project Contact:

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Technologies:

Energy efficient oven and waste heat recovery

Funding Source:

American Recovery and Reinvestment Act –
State Energy Program

Incentives:

\$1,000,000

Total Project Costs:

\$2,065,000

Energy Impacts:

- Reduced natural gas usage by 12,040 MMBTUs annually
- Reduced gas consumption by 40 percent

Economic Impacts:

- \$93,062 anticipated cost savings per year
- Jobs retained or created: 151 FTE's*

Environmental Impacts:

- Reduced CO₂ emissions by more than 1,330,000 pounds per year, which is equivalent to taking 118 cars off the road.

*Job creation numbers are based on direct jobs created or retained using Full-Time Equivalent (FTE) hours.

Kovatch Castings, Inc.



Background:

Kovatch Castings, Inc. is an investment castings foundry with customers in commercial, aerospace, medical, and military industries. The company's primary focus is the manufacturing of precision cast components that contain complex geometries, thin walls, close tolerances, and fine surface finish requirements, in high-strength, corrosion resistant alloys.

Challenge:

After 36 years in business, Kovatch Castings was ready to continue its energy efficiency improvements and expand its business. New technologies such as an energy efficient oven to improve product quality, reduce defects, and reduce costs would make Kovatch Castings better-equipped to compete in the global market place.

Solution:

Through the American Recovery and Reinvestment Act – State Energy Program, Kovatch Castings was able to install a new energy efficient gas oven to replace the older, inefficient ovens currently in operation. The building was expanded by 16,000-square-feet to accommodate the larger ovens and allow for an expected increase in sales. The building expansion is now partly heated with waste heat.

"It is an encouragement that manufacturing isn't dead, but alive and well in our state. We are grateful for the State of Ohio for providing grant money for this with the American Recovery and Reinvestment Act. It's a very wise spend of tax payer dollars"

-Doug Kovatch, President of Kovatch Castings



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