

# Success Stories



## Project Details:

### Location:

2990 Gilchrist Road  
Akron, OH 44305

### Project Contact:

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### Technologies:

HVAC Upgrades

### Funding Source:

American Recovery and Reinvestment Act –  
State Energy Program

### Incentives:

\$250,000

### Total Project Costs:

\$506,202

### Energy Impacts:

- Reduced natural gas usage by 7,500 MCF per year
- Reduced electric use by 310,000 kWh per year

### Economic Impacts:

- Estimated \$82,600 cost savings per year
- Jobs created or retained: 2 FTE's\*

### Environmental Impacts:

- Reduced CO<sub>2</sub> emissions by more than 1.2 million pounds per year, which is equivalent to taking 115 cars off the road.

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

## OMNOVA Solutions



### Background:

OMNOVA is an innovator of emulsion polymers, specialty chemicals, and decorative and functional surfaces for a variety of commercial, industrial and residential end uses. The Global Technology Center (GTC) was built in the 1960's and expanded several times over the years. The research facility is approximately 115,000 square-feet including several labs, a paper coating test facility, and the offices.

### Challenge:

The GTC has a large number of HVAC units throughout the facility. For the most part, all of the offices and research areas are air conditioned which use a significant percentage of the total GTC energy. An energy audit revealed that the GTC could save energy and money by updating and upgrading these systems.

### Solution:

By matching a grant received through the American Recovery and Reinvestment Act, OMNOVA replaced existing equipment, which had an efficiency rating of only about 62%, with contemporary high-efficiency natural gas solutions, increasing efficiency to a minimum of 80%. The facility also has made substantial improvements to its façade by replacing windows and roofing with high efficiency upgrades to complement the HVAC improvements.

*"The energy saving improvements at our Global Technology Center are only a few examples of the many actions and programs OMNOVA has introduced across its global landscape."*

-John Finn, OMNOVA Director of Environmental Affairs



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