

Success Stories



Project Details:

Location:

1510 St. Clair Avenue
Kent, OH 44240

Project Contact:

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Technologies:

Energy efficient lighting

Funding Source:

American Recovery and Reinvestment Act –
State Energy Program

Incentives:

\$21,450

Total Project Costs:

\$52,901

Energy Impacts:

- 50 percent reduction in energy used for lighting
- Saving 66,000 kWh annually

Economic Impacts:

- More than \$5500 cost savings per year
- Jobs created or retained: 3 FTE's*

Environmental Impacts:

- Reduced CO₂ emissions by more than 100,000 pounds per year, which is equivalent to taking nine cars off the road.

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

Cambria Fabshop – Cleveland LLC



Background:

Cambria is the only American company in the quartz surfaces business, and is one of few quartz producing plants in the world. Cambria natural quartz surfaces are used for residential and commercial applications including countertops, shower and tub surrounds, vanities, flooring, custom-made furniture tabletops, fireplace surrounds, wet bar areas, and window sills. The 75,000-square-foot Kent, Ohio fabrication shop opened in 2008. Cambria also owns facilities in Minnesota, Wisconsin, Illinois, Indiana, North Carolina and Toronto.

Challenge:

Cambria's commitment to sustainability is evident in its manufacturing processes. Cambria recycles and recovers 100 percent of the water used in its production processes through unique settling and filtering techniques. When an energy audit at its Kent, Ohio fabrication plant uncovered inefficient lighting, Cambria applied for a Recovery Act grant to help finance the project.

Solution:

The lighting upgrade project included the removal and recycling of 110 high-intensity discharge light fixtures and replacement with energy efficient T5 light fixtures and lamps. The existing fixtures use 465 watts of electricity each, and the T5 fixtures will use 224 watts each, allowing Cambria to save more than 50 percent in energy costs for lighting.

"The improved lighting reduces cost and improves safety in the warehouse operation. With better color rendering slabs are easily matched and quality is improved"

-Dan Kortuem, Fabrication Research & Development Manager



Development
Services Agency

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