



Success Stories



Project Details:

Location:

135 Wyandot Avenue
Marion, OH 43302

Project Contact:

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Technologies:

Exhaust heat recovery

Funding Source:

American Recovery and Reinvestment Act –
State Energy Program

Incentives:

\$175,000

Total Project Costs:

\$354,663

Energy Impacts:

- Reduced natural gas usage by almost 20,000 MMBTUs annually
- Reduced energy usage by 20%

Economic Impacts:

- Saving almost \$110,000 per year
- Jobs created or retained: 18 FTE's*

Environmental Impacts:

- Reduced CO₂ emissions by more than 2.2 million pounds per year, which is equivalent to taking 208 cars off the road.

Wyandot Inc.



Background:

Wyandot, Inc. is a snack food manufacturer producing tortilla chips and strips, corn chips, extruded snacks and caramel coated popcorn and other products for more than 75 years. The company's state-of-the-art food processing facility is located in Marion, Ohio, and employs 335 full-time employees.



Challenge:

The tortilla process at this facility operates 3 shifts, 5 days a week. A reduction in processing energy usage will improve production efficiencies and business competitiveness, and allow Wyandot to retain employees.



Solution:

Wyandot installed new exhaust heat recovery equipment on its tortilla oven stacks on two processing lines and integrated waste heat utilization equipment in its oil fryer heat exchangers. These energy improvements are expected to result in a 20 percent energy reduction in their manufacturing processes and provide a payback on their investment in 2 years. The expected life of this equipment is more than 20 years and will result in more than \$2 million dollars of savings.

"We were excited when CIFT (Center for Innovative Food Technology) brought this new technology to our attention and helped us develop this very successful project. The savings have indeed been over 20 percent per year in gas usage and the project would not have been possible without the assistance we received from the state of Ohio."

- Rex Parrott, President and COO

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



Development
Services Agency

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