



Energy
Efficiency
Program

Efficiency upgrades deliver sweet savings for Ferrero



Nicor Gas incentives help confectionary giant unlock more than \$360,000 annually in estimated energy savings



Total projects:

Boiler stack economizer;
Dock sealing;
Pipe insulation;
Steam traps



Rebates:

\$98,000



Estimated annual energy savings:

669,000 therms



Estimated annual cost savings:

\$360,000

For more than 70 years, Ferrero has been creating confectionary delights for customers. Spanning three generations, the company has grown from a small family bakery to a multinational company with a vast portfolio of well-known brands under its umbrella.

Ferrero is committed to implementing a global energy action plan at its existing and future plants, and its Franklin Park, Illinois, plant is a part of this global effort. The company strives to measure the impact of its entire supply chain of products, and part of that is understanding their carbon footprint. In the Franklin Park plant, Ferrero turned to Nicor Gas for ideas on how to accomplish their environmental goals.

Since 2016, the Franklin Park Factory has partnered with the Nicor Gas Energy Efficiency Program to identify key projects and opportunities that can help achieve its efficiency goals.



The projects

Ferrero had a comprehensive approach to its energy efficiency plan. To start its journey, Ferrero enrolled in the Strategic Energy Management (SEM) offering. Jointly led by Nicor Gas and ComEd®, SEM is a year-long series of workshops and coaching sessions for significant energy users to help reduce energy costs and greenhouse gas emissions. Through no- and low-cost solutions, operational and behavioral changes and quick payback capital equipment investments, Ferrero had a roadmap for its energy efficiency journey.

Below are the projects that Ferrero has completed and the rebates, energy savings and cost savings they've yielded to date.

Project	Energy savings	Cost savings	Incentive
Low-cost and no-cost items	66,000 therms	\$36,300	\$6,615
Boiler stack economizer	79,689 therms	\$39,844	\$52,293
Dock door sealing	9,789 therms	\$4,894	\$8,076
Steam traps	313,722 therms	\$170,000	\$25,914
Pipe insulation	199,998 therms	\$110,000	\$5,700
Total	669,198 therms	\$361,038	\$98,598

* Cost savings estimates based on average gas cost of \$0.55 per therm

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– Rich Vazquez,
operating engineer

The experience

Ferrero operating engineer Rich Vazquez has been working at the Franklin Park facility for eight years. He noted that the relationship built over the years has empowered Ferrero to seek out energy-saving opportunities and to look to the Nicor Gas Energy Efficiency Program as a trusted advisor.

“Working with the Nicor Gas team has been really easy,” Vazquez said. “They guide us through the entire process and help us find additional areas that we could be saving.”

Ferrero’s story does not end here. They are exploring more projects, including upgrading their dry roaster to a more efficient model. The Ferrero team is also planning to complete a combined heat and power (CHP) feasibility study. CHP systems provide a portion of the facility’s electricity and capture waste heat from hot exhaust gases to use in space heating, cooling, domestic hot water dehumidification and process heating. Energy-saving technologies like these qualify for custom incentives and engineering support.

Ferrero hopes to serve as a model to demonstrate how other companies can save energy and money within their facilities over time through planning and dedication to setting larger efficiency goals.

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