

# ROQUETTE AMERICA

## SUCCESS STORY



### CUSTOMER

Roquette America

### PROJECTS

- Heat recovery system

### REBATE AMOUNT

\$216,910

### ENERGY SAVINGS

122,548 therms

### CUSTOMER BACKGROUND

For the past 75 years, Roquette has been an international leader in the production of starch, starch derivatives and polyols. Roquette America–Gurnee, a local industrial facility of the Roquette Group, is one of two facilities producing a naturally derived substance known as sorbitol. The sorbitol produced at Roquette is used as a sweetener and compression agent in sugar-free confectionery, such as chewing gum, pan coating and tablets.

"We are already making way for our next energy-saving project with the team. Our next project is almost double in capital expense, and it only took me 15 minutes to get funding approval from corporate, thanks to the North Shore Gas Energy Efficiency Program team."

— **Steve Calewarts,**  
Plant Manager, Roquette

### PROJECT DESCRIPTION

For the past six years, Roquette America–Corporate has requested that all regional in-house staff form and manage energy teams as part of a greater sustainability effort. The energy teams develop and implement projects to reduce, control and manage energy costs.

Roquette America–Gurnee invited the North Shore Gas Energy Efficiency Program team to serve as an extension of their own energy team. The goal was to use the available rebates from the North Shore Gas Energy Efficiency Program to provide more favorable payback periods and implement projects that had previously been denied due to not meeting the company's standard payback of less than three years. The projects included steam trap replacements, steam pipe insulation, valves and fittings that had previously gone uninsulated, installing a waste heat recovery system, and optimizing their robust air handling systems.

The North Shore Gas Energy Efficiency Program team managed this project through a request-for-proposal initiative. This gave Roquette the opportunity to propose a rebate amount which could help reduce their payback from five to two years. With customer guidance, the program team successfully took the lead on preparing applications, verifying energy savings and submitting the projects for rebate approval.

## IMPACT

Roquette's energy team was successful in receiving the funding needed to complete the heat recovery system project. With the program team's help, they were able to get approval for a project that had been shelved for close to three years.



**The North Shore Gas Energy Efficiency Program team is available to help you capture similar savings. Call 855-849-8928 today to schedule a facility assessment with one of our energy experts.**



**Talk to an Energy Efficiency  
Expert at 855-849-8928.**

