

Garelick Farms, Inc.

In 1931, two brothers, Israel and Max Garelick, borrowed \$10,000 to buy their first farm in rural Franklin, MA. Today, the original Garelick Brothers farmstead is New England's largest dairy, which supports over 1,000 local farms throughout Massachusetts, Rhode Island, New Hampshire, Connecticut, Vermont, Maine and upstate New York. While the Garelick Farms family has grown to over 1,600 employees, one thing has never changed — their unwavering commitment to providing the best products to meet its customers' needs.

Energy conservation measures were implemented at the Garelick Farms facility in Lynn, MA.



Garelick Farms, Inc.
626 Lynnway
Lynn, MA 01905

Project Summary

Efficient Process Equipment & Systems

- ◆ Tied conveyor motors into plant's process control system to provide automated stop and start functionality
- ◆ Installed sensors to each section of conveyor system to run motors only when product is sensed



Strategic Partners

RS Automation — Installation Contractor
 4230 Oak Orchard Road, Albion, NY 14411

National Grid

Savings Summary

The Need — Improve energy efficiency on conveyor system.

The Solution — Expanded existing process control system to include conveyor controls using sensors.

Total Project Cost	\$75,000
National Grid Incentive	\$33,750
Cost To Customer	\$41,250
Simple Payback	3.8 years
Estimated Annual Electric Energy Savings	124,571 kWh
Annual Electric Cost Savings	\$10,800
CO ₂ Lifetime Reduction	895 tons
SO ₂ Lifetime Reduction	2 tons
NO _x Lifetime Reduction	1 ton

nationalgrid

The power of action.™