



SUCCESS STORY

SHOP N' BAG

WHAT THEY NEEDED:

John Doyle, who owns the Shop N Bag in Farmingdale, New Jersey, an independent chain with nine (9) locations in NJ and PA, said energy costs initially prompted him to consider optimizing his refrigeration. His utility bills were bordering on unmanageable.

He had also read an article about how implementing optimization measures could improve perishable product quality and safety. Many of his customers do all of their shopping at his store, so it was crucial that his meat and produce were safeguarded (their coolers are armed with temperature alerts and monitoring).

Despite his interest in optimizing the store's refrigeration system, he viewed technologies such as refrigeration controls, automated motors, and advanced lighting fixtures as too costly. He began researching what options were available to him in the state of New Jersey, and then he discovered that NRM's solutions qualified for generous energy efficiency incentives.

WHAT NRM PROVIDED:

NRM, a participating New Jersey contractor, was contacted by Doyle to identify and assess the opportunities specific to his refrigeration system. Our Energy Advisor went on-site and within a couple of hours Doyle knew exactly where he could benefit. After the scope of the project was agreed upon, we implemented our measures with no disruption to his daily business.

The turnkey nature of the solution provided Doyle with 24/7 access and insight into the energy usage and performance of his refrigeration equipment with "zero finger-lift" needed on his part. Mechanical components were upgraded to high-efficiency models, any outdated, fluorescent lighting fixtures were replaced, smart controls were integrated to provide unmatched oversight, and an alarm system was set-up to predict mechanical faults or space temperature issues. As an added benefit, his customers also commented about how the store was more comfortable to shop in, and the product displays were visually improved.



SOLUTION SNAPSHOT

Industry:

Independent Retail

Implemented Measures:

- LED Lighting Upgrades*
- CoolTrol (on-site smart controls)*
- Custom, Insulated Glass Doors*
- Night Curtains for Aisle Coolers*
- Novelty Cooler Shut-off*
- High-Efficiency Motor Upgrades*

Utility Incentive:

65% of Project Cost

Project Simple Payback:

1.35 Years

Annual Energy Savings:

184,000 kWh

Annual \$ Savings:

\$28,000





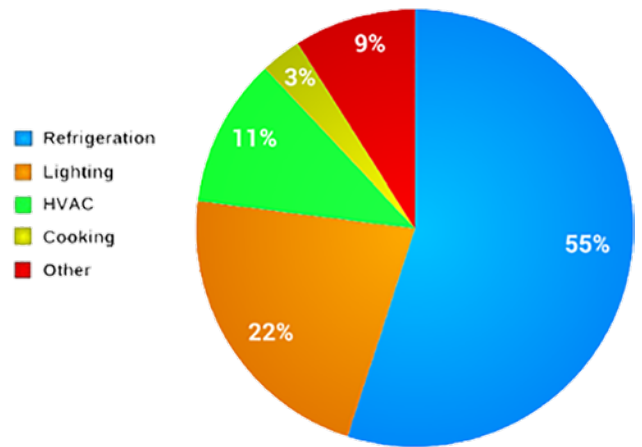
This was a win-win for us. We decreased our monthly utility costs while simultaneously improving the shopping experience for our customers by having more comfortable aisle temperatures and better product displays.”

— John Doyle,
Owner

DID YOU KNOW?

Your commercial or industrial refrigeration system is designed to maintain its cooling temperatures on the hottest day of the year. But for the other 364 days, your system is running sub-optimally, and wasting valuable resources on unnecessary energy use.

Where Energy is Used



OPTIMIZATION BENEFITS



SMART CONTROLS



IMPROVED PRODUCT DISPLAY



ENHANCED FOOD SAFETY



IMPROVED EFFICIENCY



ENERGY SAVINGS



EQUIPMENT ALARMS

40K

COOLERS &
FREEZERS
OPTIMIZED

1.5B

KWH IN
ENERGY
SAVED

20+

YEARS
PROVIDING
SOLUTIONS

40%

AVERAGE
REDUCTION
IN ENERGY USE

WHAT SETS NRM APART? Our small-business approach to big-business problems. Each of our sales, support, and installation teams are comprised of in-house, licensed NRM employees. Our hardware and software are designed, tested, manufactured in, and shipped from our Canton, MA-based facility.

The implementation of NRM's solution is a true turnkey process and requires "zero finger lift" from you. With transparency and courteousness, we manage the project from idea to install. First, an Energy Advisor comes on-site to identify the areas to benefit from optimization, and then our team of engineers develops a custom outcome for your business. We also look for any utility-sponsored incentives to reduce the upfront cost of the project. The physical installation can be performed without interrupting your normal business operations, and all of our installers are factory-trained technicians. NRM is always here for training and support, with a 24/7 technical help line.