



# SUCCESS STORY

## PERFECT FOOD & GAS

### WHAT THEY NEEDED:

Perfect Food & Gas wanted to take advantage of the generous business rebates offered by the Public Service Company of Oklahoma (PSO). These rebates apply to energy efficiency measures, and are available to local small businesses and commercial kitchens. Perfect Food & Gas were interested in getting these rebates for more than five (5) of their locations in the Tulsa region. Their main areas of focus were their walk-in coolers and freezers, reach-in coolers, and free-standing beverage coolers, as well as the coolers' lighting. One of the criteria most important to the owner of Perfect Food & Gas was a quick and hassle-free installation.

### WHAT NRM PROVIDED:

First and foremost, NRM provided the type of true turnkey installation that the owner of Perfect Food & Gas wanted. NRM implemented their solution with no impact on the five locations' business operations—the stores didn't even need to close during the installation! And the duties were performed by in-house, licensed electricians.

NRM upgraded the refrigeration equipment with high-efficiency retrofits that included smart controls, EC motors, a timed system shutdown button, anti-sweat door heater controls, and on-demand defrost. The controls, which optimize the system's runtimes based on space conditions and preset, custom cooling requirements, were able to reduce overall operation by as much as 60% in some locations.

The Public Service Company of Oklahoma offered incentives of 70% of the total project costs. This equaled roughly \$36,000 of the cost being absorbed by the utility. And this meant each of the locations averaged a payback period of less than one year.

Overall, these improvements recoup about 120,000 kWh (or roughly \$14,000) annually for the convenience store chain.



### SOLUTION SNAPSHOT

**Industry:**

*Convenience Stores*

**Locations: 5+**

*Tulsa, Pryor, & Broken Arrow, OK*

**Implemented Measures:**

*CoolTrol (on-site smart controls)*

*LED Lighting Upgrades*

*EC Motor Upgrades*

*Anti-Sweat Door Heater Controls*

*Vendor Cooler Night Setbacks*

**Utility Incentive:**

*70% of project cost*

**Incentive Amount:**

*\$35,500*

**Annual Energy Savings:**

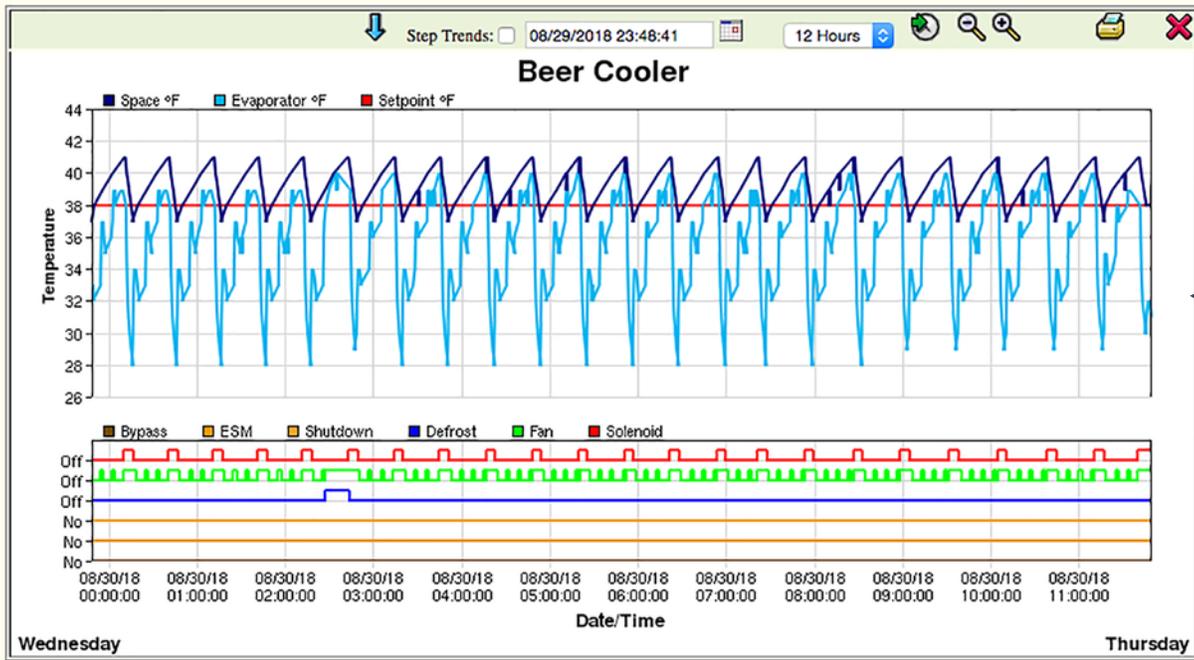
*120,000 kWh*

**Annual \$ Savings:**

*\$13,500*



NRM CoolTrol Series 1			Temperature °F					Status				Starts 24 Hr.		% Run 24 Hr.		% Run 7 Days		
Description	Notes	Status	Space	Evap	Dif	SP	24hr	Bypass	Mode	Dfrst	Sol	Fan	Sol	Fan	Sol	Fan	Sol	Fan
Beer Cooler	-		38	30	3	38	39	Off	Run	Off	On	On	49	149	20.7	35.8	22.8	37.6

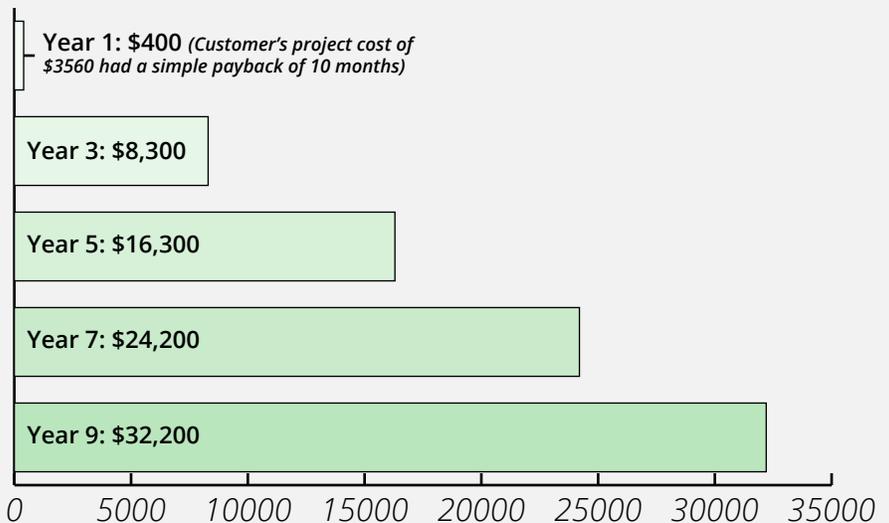


Before installing CoolTrol, this cooler's evaporator fans were running 100% of the time. This is a major area for energy savings.

Instead of running at full capacity at all times, your system will cycle efficiently based on setpoints, while always satisfying your specific temperature requirements.

## A LOOK AT ONE LOCATION'S CUMULATIVE SAVINGS

At this particular location, the store owner had CoolTrol, vertical cooler LEDs, anti-sweat door heater controls, and vendor cooler night setbacks installed. This comprehensive solution delivers annual kWh savings of roughly 36,000 kWh. With Oklahoma's electric rate, this translates to around \$4,000 in yearly utility bill savings. After the Public Service Company of Oklahoma provided 70% of the upfront project cost, the store owner paid back his investment in 10 months, and beginning with year two, his cumulative savings took effect.



<b>40K</b> COOLERS & FREEZERS OPTIMIZED	<b>1.5B</b> KWH IN ENERGY SAVED
<b>20+</b> YEARS PROVIDING SOLUTIONS	<b>40%</b> 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.