

# PNM Business Energy Efficiency Programs

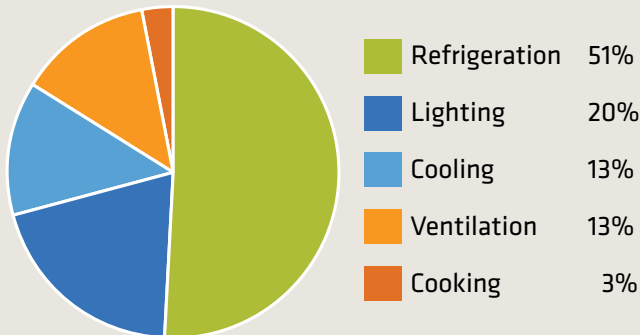


## Convenience/Grocery Store Refrigeration



Night covers for reach-in refrigerated display cases are shown at Frontier Mart, Corrales, NM.

### Typical Convenience/Grocery Store Electricity Use<sup>1</sup>



### Incentives to Save

To learn more about specific rebates offered through the PNM Business Energy Efficiency program, visit [PNMenergyefficiency.com](http://PNMenergyefficiency.com) and review the rebate applications. A link to the list of Program Trade Allies who are eager to help you with your project is also available for review and download on the website.

### Refrigeration is Energy Intensive

Grocery and convenience stores have long hours of operation and are open most days of the week. Some equipment is on and running constantly even when the store is closed. Energy costs can add up even more when equipment is old and inefficient.

Refrigeration often comprises 50% or more of the electricity costs for grocery and convenience stores. Lighting averages about 20% of the energy expense, cooling and ventilation both average about 13%. You can reduce these costs by implementing energy-saving strategies.

### Time to Upgrade

PNM QuickSaver™ offers rebates to small businesses to lower the cost of upgrading to new energy efficient equipment. Incentives can reduce project costs and shorten your project payback period. Depending on the scope of the project, hours of operation, and the size and type of your business, you could see significant savings.

### Refrigerated Display Case Lighting

LEDs thrive in cold environments and perform better than fluorescent lamps which can have reduced light input in cold temperatures.

LEDs in refrigerated display cases are often combined with timers to dim the lights at night when the store is closed.

The PNM Business Energy Efficiency program offers rebates for LED refrigeration case lighting per door.



<sup>1</sup> ENERGY STAR® Guide for Restaurants: Putting Energy into Profits, US EPA, ENERGY STAR®, [www.energystar.gov/buildings/resources\\_audience/small\\_biz/grocery](http://www.energystar.gov/buildings/resources_audience/small_biz/grocery)

## PNM Business Energy Efficiency Programs

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### Why Improve Energy Efficiency?

- 1 Cuts operating costs and improves profitability.
- 2 Reduces maintenance demands.
- 3 Improves worker productivity, occupant health and safety.
- 4 Distinguishes your business as being eco-friendly or “green.”
- 5 Allows energy savings to finance business growth.



### Refrigeration Equipment Upgrades

- Install anti-sweat heater controls on display cases. Instead of running 24/7, these controls sense humidity conditions and turn the heaters off when not needed. Save money per 10 feet of display case each year.
- Replace shade-pole motors with high-efficiency evaporator fan motors in refrigerated cases and walk-in coolers and reduce energy use.
- Add fan motor controls to slow motor speeds when the compressor is not running.
- Add night covers to open display cases to trap refrigerated air and keep food colder. The cover reduces electricity use while they are in place.
- Add glass doors to display cases to improve efficiency.
- Easy-to-install strip curtains in the doorways of walk-in boxes reduce air infiltration. Incentives per square foot means the payback can be in measured in months.

### Quick Ways to Save

#### Occupancy Sensors

Install occupancy sensors in areas that are not consistently occupied such as walk-in refrigerators, storage rooms, back offices, and restrooms to save 30–75% of lighting energy. Use dusk to dawn sensors or timers for exterior lighting.

#### Clean and Maintain Equipment

Clean equipment runs more efficiently. Conduct regular maintenance and replace torn or loose door gaskets to prevent leakage. Check current temperature settings with an accurate thermometer and adjust to manufacturers recommendations. Clean condenser and evaporative coils and recharge low refrigerant.

PNM provides incentives for energy efficiency improvements.

### Let us show you how.

For information on all  
PNM Business Energy Efficiency Programs,  
visit [PNM.com/bizrebates](http://PNM.com/bizrebates).

877-607-0741

