



**A TYPICAL GROCERY STORE WOULD
NEED TO SELL 550 PARTY PLATTERS
ANNUALLY TO EQUAL THE MONEY
SAVED BY SWITCHING TO
LED LIGHTING***

Not only can grocery stores save energy by using more energy efficient equipment, but there are additional positive effects on the overall revenue and environment of the store. By simply upgrading to LED lights and high efficiency refrigeration equipment, the following benefits can occur:

- Highlight products and increase sales
- Increased worker and operational productivity
- Reduce maintenance and waste disposal

*** Based on a 2017 DNV GL study**

**“THE LED LIGHTS HAVE BEEN
INSTALLED FOR NEARLY
TWO YEARS AND HAVE NOT
REQUIRED ANY MAINTENANCE.”**

**- Brad Thorsby, Owner,
Riverside Market**

Consumers Energy offers rebates, technical services and more to help grocery stores like yours become more energy efficient. Our team is here to walk you through the program requirements and available resources.

CONTACT US

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ConsumersEnergy.com/startsaving

Grocery Stores
Hidden Benefits
from
Energy Efficiency

Consumers Energy

Count on Us®

THE IMPACTS OF ENERGY EFFICIENCY IN GROCERY STORES

The following non-energy improvements can result from upgrading to energy efficient equipment:



Productivity

Every time a store requires maintenance, shelves have to be cleared to complete it. By installing energy efficient products, stores have fewer maintenance calls and spend less time restocking and reorganizing shelves. Their inventory stocking costs can decrease by 50 percent¹.



Product Loss

Grocery stores around the country reported saving over \$10,000 per year on product loss as a result of improved store temperature from their new HVAC system. LED lighting can also reduce food spoilage by helping staff identify "sell by" dates easier to push product rotation in coolers².

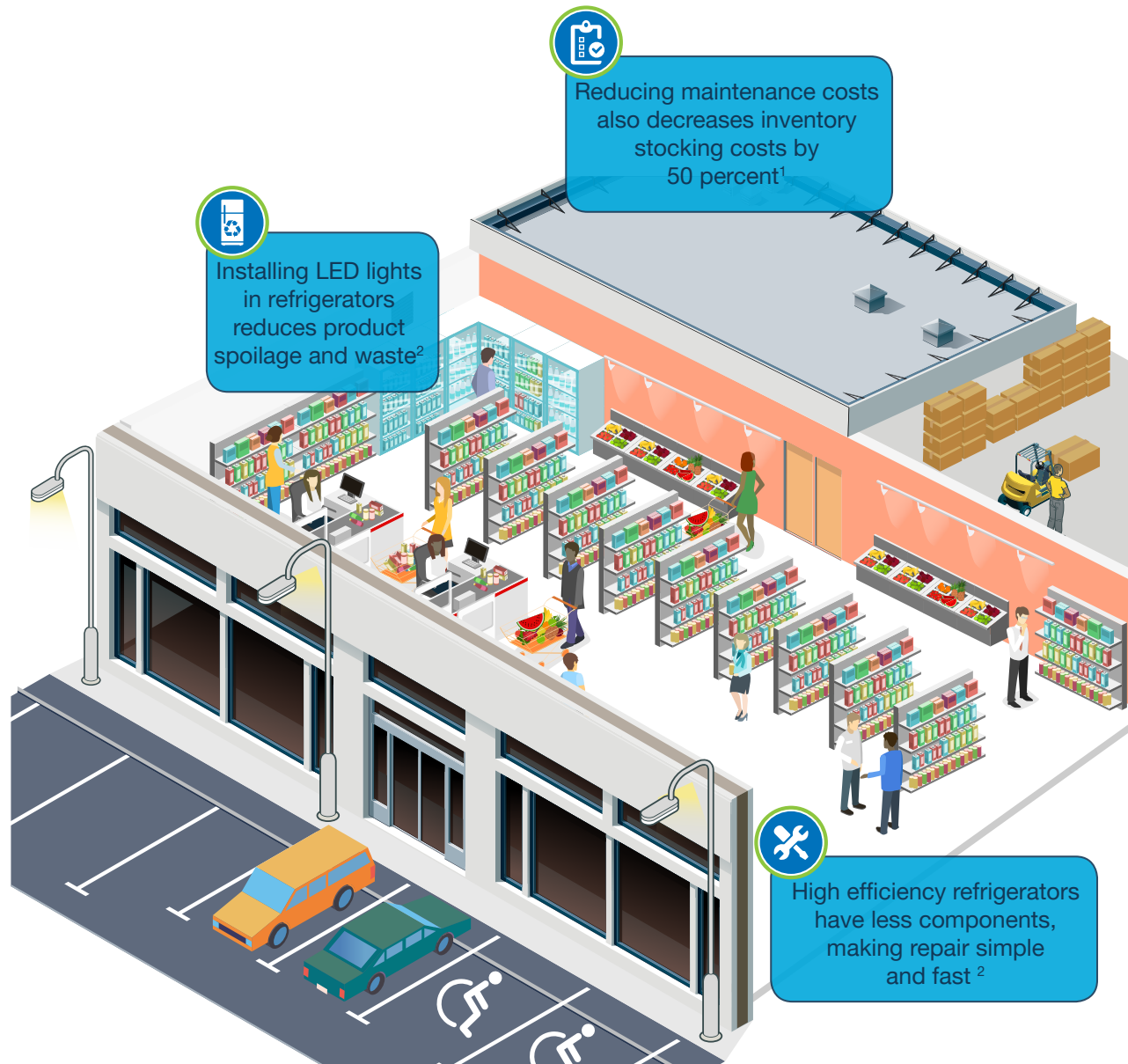


O&M Costs Savings

High efficiency refrigeration systems have fewer components to replace and operate using less Freon than standard equipment, resulting in less repairs. They are able to pinpoint problems easier and faster. LEDs don't have to be replaced nearly as often, which decreases the cost of purchasing bulbs and paying someone to change them².

O&M Cost Savings

Equipment	Energy Savings	Non - Energy Savings	Total Savings	Energy Payback	Non-Energy Payback
Lighting	\$1,269	\$1,384	\$2,653	2.66 yrs.	1.27 yrs.
Kitchen/Refrigeration/Laundry	\$3,010	\$86	\$3,096	2.47 yrs.	2.40 yrs.



1. 2014 PowerPoint presentation, Non-Energy Impact Marketing Analysis by Industry, Special Cross Sector Research Area [PPT]. (2014). DNV GL.
2. Riverside Market Case Study. DNV GL.