



Orange & Rockland

EVERYTHING
MATTERS

Orange & Rockland Energy Efficiency Business Program Case Study

Palisades Citgo

Interior Lighting Energy Savings

The Company

Palisades Citgo, located in Tappan, NY, provides Citgo fuel and offers a variety of convenience store items; such as lottery tickets, beverages and a wide variety of snacks.

The Challenge

Palisades Citgo retained SmartWatt, through the Orange & Rockland Energy Efficiency Business Program, to conduct a full-building audit of all interior lighting systems at their facility in Tappan, NY, for potential energy savings upgrades. Their goals were to dramatically improve the quality and quantity of light, improve the general atmosphere and save money on energy costs.

The Results

New energy efficient LED fixtures were brought in to replace outdated interior fluorescent fixtures. In addition to saving money, this project also created a more welcoming and friendly environment for Palisades Citgo's customers, while enhancing the appearance of merchandise and products.

Upgrades

Total Value:	\$9,008
Orange & Rockland Contribution:	\$6,305
Palisades Citgo Contribution:	\$2,702

Annual Savings

Energy Savings (kWh):	53,463
Energy Cost Savings:	\$9,089
Recovered Investment In:	4 Months

With these upgrades Palisades Citgo was able to shed 2.11 kW from its facility, with an estimated payback period of 4 months. More information on the Orange & Rockland Energy Efficiency Business program can be found at oru.com/energysolutions.

