

Case History

P&C Grocery Store

Sayre, PA

The Company:

Penn Traffic is one of the leading food retailers in the eastern United States, operating 108 supermarkets in Pennsylvania, upstate New York, Vermont and New Hampshire under the BiLo, P&C and Quality Market trade names. Penn Traffic also operates a wholesale food distribution business serving 43 Big M stores, 29 associate stores and 48 independent operators and Penny Curtiss, a Syracuse-based commercial bakery.

The Energy Saving Challenge:

Penn Traffic needed to reduce the energy bill at its P&C Grocery Store in Sayre, PA, which had increased 30% in one year. The company also wanted to improve the store's appearance and provide a better experience for shoppers.

The SmartWatt Solution:

SmartWatt, utilizing strategies for maximizing energy savings from lighting while improving the business environment, engineered a project that completely re-tooled the lighting layout in the store and decreased lighting energy usage by 75%. The design included a lighting upgrade controlled by an Energy Management System (EMS), allowing Penn Traffic to control and program lighting at the store from their headquarters in Syracuse, NY.

The Results:

Light levels have improved over 100%. Lighting quality that enhances the way customers view products and packaging has improved over 50% as well.

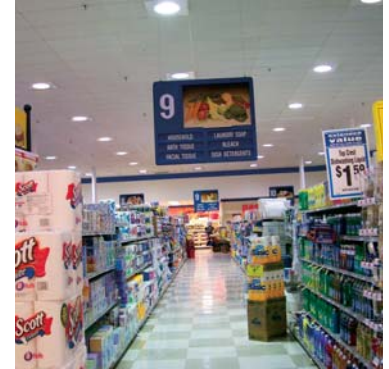
Savings:

Annual Energy Savings: \$52,590.00

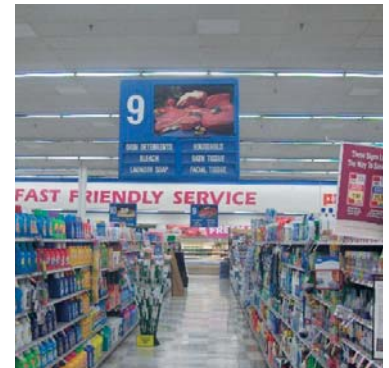
Annual Displaced Energy: 853,069 kWh

kW Demand Savings: 93.01 kW

Simple Payback: 24 Months



Before



After

Corporate Offices:

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