



Energy Conscious Blueprint



This program is for business customers planning new construction, major renovations, new production or process equipment, or replacement of existing equipment near the end of its useful life. Benefits include financial incentives to offset the premium costs associated with energy-efficient technology.

This program is one of several innovative solutions offered by the Connecticut Energy Efficiency Fund and administered by Connecticut's utility companies. For a complete listing of energy-efficiency programs and services for electric and natural gas customers, visit www.CTEnergyInfo.com or your utility company's website.

DETERMINE YOUR OWN ENERGY FUTURE.

[Case Study: Price Chopper

CL&P's Energy Efficiency Team Helped Price Chopper's Windsor store:

- Save approximately \$78,000 and 642,000 kilowatt-hours annually
- Defray their investment with a \$97,524 incentive
- Achieve a lifetime savings of over 8,735,000 kilowatt hours

Efficient use of electricity slows down the need to build more power plants and results in fewer toxins emitted into our atmosphere.

The electricity saved on this project is the equivalent of approximately:

- 577,300 gallons of oil not burned
- 9,606,000 pounds of Carbon Dioxide (CO₂) emissions avoided
- 4,490,000 pounds of coal not burned
- 17,700 pounds of Sulfur Oxides (SO_x) emissions avoided
- 4,700 pounds of Nitrogen Oxides (NO_x) emissions avoided



**Connecticut
Light & Power**

The Northeast Utilities System



www.CTEnergyInfo.com



The United Illuminating Company

Energy Efficiency Case Study: Price Chopper

CL&P, through the Connecticut Energy Efficiency Fund (CEEF), can help you manage your energy costs, improve productivity, and protect the environment the way we did for Price Chopper.

[Background

Based in Schenectady, NY, the Golub Corporation owns and operates more than 100 Price Chopper grocery stores in New York, Vermont, Pennsylvania, Massachusetts, Connecticut and New Hampshire. The family-owned company prides itself on longstanding traditions of innovative food merchandising, leadership in community service and cooperative associate relations. Golub's approximately 24,000 associates collectively own 51% of the company's privately held stock.



Typically, Price Chopper expands by remodeling existing stores, but in 2006 they began construction on a new store in Windsor, Connecticut. From the start, they worked with CL&P through its Energy

Conscious Blueprint Program — a program that enables companies to design-in energy efficiencies as part of the initial blueprint — when they are most cost-effective.

[The Challenge

Price Chopper has a history of energy consciousness. In recent years they have retrofitted many of their stores with energy-efficient lighting. When they decided to construct a new building, they needed no convincing that energy-efficient technology was the way to go. They were especially concerned about the typically high energy costs of their coolers, as experienced in their older stores, and were determined to do better this time.

[CL&P's Solution

Lighting

A very visible efficiency measure was made to the new store's lighting. Instead of the typical incandescent and metal halide fixtures used in their older stores, CL&P's Energy Conscious Blueprint program provided incentives to help offset the cost of installing new high-efficiency lighting systems. Not only did this lower consumption and reduce energy costs, the improved white light made the products look better than the yellow or orange light produced by older-style fixtures.

HVAC

The Energy Conscious Blueprint program enabled Price Chopper to install high-efficiency HVAC equipment instead of a standard base model. Incentives provided through the CEEF covered the incremental cost of the

more efficient system and Price Chopper will continue to benefit from the energy savings for years to come.

Premium-Efficiency Motors

Another measure was the installation of premium-efficiency motors. These motors use less energy and last longer than standard models. Again, CEEF incentives covered the difference in cost.

Refrigerated Cooler Racks

Price Chopper was able to meet its cooler challenge by installing a refrigerated rack system. This innovative, custom system uses less energy and requires less maintenance.

“By taking advantage of this Connecticut Energy Efficiency Fund program, we were able to build a 'greener' store and be better corporate citizens.”

Benny Smith,
Director of Facilities,
Price Chopper

[Benefits

- ★ Using CEEF funding, CL&P pays the difference between standard and more energy-efficient equipment.
- ★ Energy upgrades translate into customer savings on monthly electric bills for the life of the equipment.
- ★ For new construction and major renovations, CL&P's Energy Conscious Blueprint program reduces capital and operating costs. CL&P helps in the development and evaluation of energy-saving upgrades.
- ★ The Energy Conscious Blueprint program pays up to 100% of the incremental cost on all qualifying energy-efficiency measures.

(All commercial and industrial customers are eligible. Zero-percent financing available to industrial customers in good credit standing with CL&P.)

