

How one Cape company Profits Green

The Cape Light Compact's Small Business Enhanced Incentives Program offers a free audit to identify energy saving opportunities for small businesses. Then, it provides rebates of up to 80 percent for efficiency upgrades.

Case Study

Friends' Marketplace, Orleans

Jim Junkins, owner of Friends' Marketplace, took advantage of the incentive program to upgrade his store's refrigeration efficiency with consultant National Resource Management's CoolTrol Cooler Control System:

- Innovative digital controls monitor and stabilize the temperature of the store's walk-in coolers and freezers and resulted in a 35 percent drop in evaporator fan operation.
- A fresh-air economizer optimizes compressor and fan operation by almost 65 percent during the winter months by pumping colder outside air into the coolers.
- Door and frame heaters automatically calculate the store's dew point and apply just enough heat to glass doors to prevent sweating. This upgrade produced a 45 percent drop in electricity usage for the freezer doors and 80 percent for the cooler doors.
- Friends' Marketplace is participating in a Cape Light Compact pilot program to



Jim Junkins with CoolTrol System

install a new LED lighting system in its refrigerated displays. LEDs stand for light emitting diodes - this solid state technology can reduce wattage by up to 85 percent (depending on existing

lighting), generate less heat, and offer more uniform brightness than fluorescents. In conjunction with the CoolTrol Cooler Control System, the LED upgrade will reduce his electric consumption by an additional three percent.



Friends' Marketplace, Orleans

"I have been very happy with the Cape Light Compact Program and how it has worked for us as a business. The savings that NRM's refrigeration control products have provided us matched what they estimated and has allowed us to make other investments in our business. It's great to do our part in 'being green' and saving energy for our community."

■ JIM JUNKINS
OWNER, FRIENDS' MARKETPLACE

Overall results

- Saved \$14,700 annually after energy efficient upgrades
- Achieved a 12 percent drop in electric usage
- Recouped initial investment in 4 months
- The LED upgrade will increase Junkins' overall annual savings to \$19,000 and produce a 15 percent total reduction in energy usage

"We are excited to have been working with Cape Light Compact for the last six years. They make it easy and seamless for business and residents to implement energy conservation projects. It's a win-win for electric users and the environment as we help to reduce the carbon footprint of businesses throughout the Cape and the Islands."

■ JIM STALEY
COO, NATIONAL RESOURCE MANAGEMENT,
CONSULTANT ON THE PROJECT

To learn more about the Green Communities Act and the Small Business Enhanced Incentives, go to capelightcompact.org