

TROPICAL FOODS SUPERMARKET



A BETTER CITY

CHALLENGE for
SUSTAINABILITY

*Business and Institutional Leaders
Working Toward a Sustainable City*

Tropical Foods joined ABC's Challenge for Sustainability in 2011, through a partnership with Boston's Department of Neighborhood Development to expand the program into the City's Main Street districts. The store is the primary supermarket for the neighborhood.

Although the store has plans to relocate to a new building in 2014 (expected), the owners desired to increase the existing facilities sustainability and energy efficiency in order to reduce costs in the interim. Through their participation in the Challenge for Sustainability, Tropical Foods completed an online Sustainability Scorecard that identified areas of opportunity. Working with ABC staff, Tropical Foods developed a Sustainability Action Plan to implement the following items: conducting an energy audit, installing energy star exit signs, updating the lighting, as well as others.

With assistance from the Challenge, Tropical Foods moved quickly to receive a free energy audit through the MassSave Direct Install Program. This audit provided a line by line assessment of possible energy efficiency improvements in the facility.

Receiving generous energy efficiency incentives through the MassSave program, Tropical Foods was able to undertake all recommended improvements with under a one-year payback.

Tropical Foods - Lighting retrofit, 2012

- **Category:** Grocery Store
- **Facility Size:** 25,000 Square Feet
- **Location:** Roxbury, MA - Dudley Square Main Streets
- **Project Cost** - \$8,852.45
- **Incentives:**
Nstar (Electric) - \$6,196.72
Total customer cost - \$2,655.73
- **Projected Annual Savings:**
\$2,947.16
- **Payback Period** -10.8 months

"With the help of A Better City, through the Challenge for Sustainability we were able to assess the value of the return on our investment. ABC showed us that investing in energy efficient lighting made financial sense for the specific needs of our facility."

- Randy Garry, Owner,
Tropical Foods Market

INVESTING IN ENERGY EFFICIENCY

Replaced inefficient bulbs with new T8's, which reduced costs and improved lighting.



Before



After

Reduction in energy use: 3%
Total annual kWh reduced: 20,050
Annual Savings: \$2,947

ABOUT THE CHALLENGE FOR SUSTAINABILITY

The Challenge for Sustainability helps business or buildings save money by increasing energy efficiency, reducing resource consumption, decreasing solid waste, and reducing overall greenhouse gas emissions through hands-on technical assistance and access to local, state, and private incentives.

ABOUT ABC

ABC is an independent, membership-based organization that works to improve the economic competitiveness and quality of life of the Greater Boston region by advancing significant transportation, land development and environmental policies, projects and initiatives. ABC mobilizes the business community to collaborate with both civic and government sectors to take action on challenges facing the region today and into the future.

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