

Motor Up Training

Ten employees from the departments of Public Works, School, Electrical and Purchasing received on-site training provided by NStar on premium efficiency motors and how to make cost-effective purchasing decisions.

Lighting projects

Compiling an inventory of the remaining City buildings that have "T12" fluorescent lighting and planning retrofit projects. Replacing T12's with the more efficient "T8's" has a very short payback period and high-energy savings. The School Department replaced its lights, and the Electrical Department replaced most City buildings in the 1990's.

Comprehensive Building Audits

Assessing an NStar program that provides building walkthroughs and turnkey energy efficiency improvements. We have scheduled an initial meeting, at which time we will identify buildings that are good candidates for these projects.

Data collection and tracking

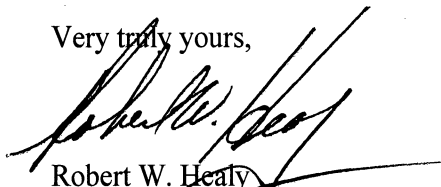
Work Group members are researching utility tracking software in order to create a standard utility bill tracking methodology for City departments.

In addition, the Work Group has collected a year's worth of utility data from DPW, School, Library and Emergency Communications Departments and has begun to assess buildings using the Energy Star benchmarking software.

DPW has consolidated 89 electric accounts into four summary accounts to simplify payment and is receiving electronic downloads of billing data. School Department is looking into the feasibility of consolidating its utility bills as well.

Vending Miser - Work Group members are arranging for the installation of Vending Misers for a pilot test.

Very truly yours,



Robert W. Healy
City Manager

RWH/mec



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CITY OF CAMBRIDGE • EXECUTIVE DEPARTMENT

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December 8, 2003

To the Honorable, the City Council:

In response to Awaiting Report Number 03-110 regarding a report on creating a position of energy manager, please be advised of the following:

In light of the current hiring moratorium, the City has undertaken a broad energy efficiency program using existing staff. As you may know, an interdepartmental Energy Management Work Group was created that includes the following individuals: Ellen Katz, Department of Public Works (DPW), Chair; Paul Lyle, DPW; George Fernandes, Electrical Department; James Conry, School Department; Bill Courier, Library; John Bolduc, Community Development Department; and Julia Bowdoin, City Manager's Office.

The Work Group's goals include the following:

- Compile energy consumption data on City buildings.
- Evaluate energy data with the Energy Star Benchmarking Tool.
- Evaluate options to systematically audit buildings and facilities for potential energy efficiency improvements.
- Develop and implement pilot projects with project budgets to identify and implement energy efficiency improvements.
- Establish an energy consumption reduction goal (e.g., 10 percent by year X) to recommend to the City Manager.

Current projects and accomplishments include the following:

Participation in NStar's new municipal energy efficiency program:

Briefing sessions on Rebates

NStar's energy efficiency manager has met with the project managers for the Library renovation, Russell Field house, 57 Inman/344 Broadway renovation and various HVAC projects to ensure that they are aware of the efficiency programs and incentives for which their projects qualify.

Rebates for Energy Efficiency for 344 Broadway renovation

NStar has approved \$36,800 in rebates for the City's installation of high efficiency lighting, HVAC and pumping systems.

NStar Benchmarking project

The City is participating in NStar's Benchmarking project for City Hall. Through this program a consulting firm will provide a year of free technical assistance in analyzing energy usage of a building and recommending efficiency improvements. The Work Group will then apply the benchmarking process to additional City buildings.

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Consent Agenda #6

Transmitting communication from
Robert W. Healy, City Manager,
relative to **Awaiting Report Item
Number 03-110**, regarding a report
on creating a position of energy
manager.

In City Council December 8, 2003

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