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ENERGY AUDIT



The Town of Glastonbury



INTRODUCTION

The Town of Glastonbury recently hired an energy consultant to perform an audit of its buildings to determine if there were additional measures that could be employed to improve their energy efficiency.

ENERGY EFFICIENCY THAT KEEPS ON GOING

The consultant cited the Town for the initiatives already employed which included:

- ☞ Competitive purchasing of electricity and natural gas
- ☞ Installation of occupancy sensors to control lighting and upgrade to lighting systems
- ☞ Installation of HVAC direct digital controls
- ☞ Replacement of older, inefficient HVAC equipment
- ☞ Participation in the Connecticut Clean Energy Fund's *20% by 2010 Clean Energy Campaign*
- ☞ Incorporation of energy efficient design in the construction of new buildings

The consultant recommended the implementation of a number of initiatives with simple paybacks calculated at less than ten years. They included:

- ☞ Installation of *Vending Miser* equipment on cold-drink vending machines to reduce their energy consumption
- ☞ Replacement of energy efficient T8 fluorescent lighting with super high efficiency T8 tubes
- ☞ Replacement of the air conditioning condensers at Town Hall with higher efficiency units



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- ✧ Installation of software on computer servers to automatically put computers in energy saving “sleep” mode when not in use
- ✧ Installation of infrared radiant heaters in the Fire Department equipment bays
- ✧ Upgrading the existing direct digital control system to provide even more controllability of systems during periods of no or low occupancy

All of these measures have been or are in the process of being implemented in Town buildings.

GLASTONBURY’S GREEN INITIATIVES PROGRAM

Glastonbury’s Green Initiatives program operates under the direction of the Town Manager. The committee is chaired by the Purchasing Agent and the Superintendent of Sanitation. Committee members from across Town departments participate and contribute ideas and suggestions committed to a “greener” community.

The committee assembles information about products and services and makes the information available to specific departments that can evaluate them and develop applications in Town projects with the approval of the Town Manager.

These “Go-Green” bulletins contain information about the results of product evaluations and other accomplishments of Town departments. We hope this information can provide you insight to the Town’s green initiatives and also lead others in the community to find ways to use environmentally preferable products. Please contact us if we can help you with further information or if you have additional suggestions. ■

