



December 2014

## In This Issue

**Easy Office Fixes to Save Energy Costs**

**Hospitals Improve Patient Care and Lower Energy Costs with Integrated HVAC Strategy**

### DID YOU KNOW?

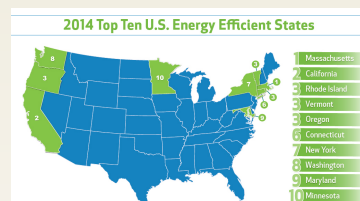


The average commercial building wastes 30 percent of the energy it consumes, according to the [Environmental Protection Agency](#).

### MARKET TRENDS



## Top Ten Energy Efficient States 2014



View a larger version of this image, [here](#).

Recently the top ten energy efficient states were determined through the findings of the 8th edition of the State Energy Efficiency Scorecard released by the ACEEE. View the top ten states at the link above and find out more at the link below.

Greetings,

Are you doing everything you can to ensure your HVAC systems will continue functioning efficiently through the busy Holiday Season and upcoming winter months?

Call [Air Temp Heating & Air Conditioning, Inc.](#) today to learn about your building's options for a proactive preventive maintenance program and read the informational articles below to learn simple, energy-efficient changes you can make at your office that will give you the gift of savings throughout the year.

## Easy Office Fixes to Save Energy Costs

Do you know how much energy your office is wasting by leaving on lights or office equipment when not in use? To help you cut costs during the heavy heating months, here are a few energy saving fixes guaranteed to save your office money.



- Conduct a nighttime audit to find out what's on after hours that shouldn't be.
- Enable the power management function on computers for a savings of up to \$50 per computer annually. Learn how to enable this function [here](#).
- Turn off printers, copiers and fax machines when not in use. A copier left on all day and night can cost more than \$150 annually.
- Turn off lights when not in use or when daylight is sufficient. This small change can reduce lighting expenses by 10 to 40 percent.



**QUESTION:** How often should I change my building's air filter?

**ANSWER:** You should visually inspect filters on a monthly basis and it is a best practice to change filters every month during peak heating/cooling seasons. Dirty filters cost more to use, overwork the equipment and result in lower indoor air quality.



Air Temp Heating & Air Conditioning, Inc.  
1165 Front Street  
Binghamton, NY 13905  
Phone: 607-772-8362

6820 Ellicott Drive  
East Syracuse, NY 13057  
Phone: 315-432-8591

8181 Seneca Turnpike  
Clinton, NY 13323  
Phone: 315-735-7539  
[www.airtempvac.com](http://www.airtempvac.com)



- Make sure your HVAC units are well maintained and functioning efficiently. Note that heat pumps and air conditioners more than 10 years old or furnaces more than 15 years old can waste up to 20 percent more energy than new, ENERGY STAR qualified units.

## Hospitals Improve Patient Care and Lower Energy Costs with Integrated HVAC Strategy

On any given day, approximately one in every 25 hospital patients in the United States has at least one health care-associated infection (HAI) according to a [survey](#) of acute care hospitals conducted by the Centers for Disease Control and Prevention (CDC). Although most HAIs are transmitted by direct contact, it is estimated that up to 10 percent result from airborne transmission. That is why it is of utmost importance that HVAC equipment provides the cleanest possible air with well-maintained units and advanced filtration technology, UV lights, temperature/humidity control and proper pressurization.

Not only are clean, efficient HVAC units important for patient comfort and care, they also constitute a significant operating expense for hospitals. According to the U.S. Department of Energy (DOE), hospitals are the largest consumers of energy on a per-building basis and spend \$8.8 billion collectively on energy per year. But hospitals have the ability to reduce their energy consumption by 30 percent or more with energy efficiency measures that identify, prioritize and resolve problem areas. The first step to reduce energy costs is to call [Air Temp Heating & Air Conditioning, Inc.](#) to conduct an energy audit that determines what changes need to be made to eliminate energy waste from inefficient systems or improper energy management strategies.