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### DID YOU KNOW?



The North America air-conditioning systems market is expected to reach \$52.56 billion by 2020, according to a recent study by [Grand View Research](#).

### MARKET TRENDS



## Energy Efficiency Around the World



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

The 2014 International Energy Efficiency Scorecard ranks the world's 16 largest economies according to 31 different energy efficiency indicators from government policies and programs in the following categories: buildings, industry, transportation, and national effort. Learn more about how the 16 economies were ranked [here](#).

Source: ACEEE

Greetings,

How are you taking action to improve your company's energy efficiency? October is National Energy Action Month and a time to celebrate the strides you made in creating a more sustainable business while acknowledging the steps you still need to take to realize maximum energy efficiency.

The establishment of energy efficiency goals is just the first step in creating a more cost efficient, sustainable facility. When you are ready to accomplish these goals, call the experts at [Air Temp Heating & Air Conditioning, Inc.](#) to begin a course of action.

## National Energy Action Month Brings New Initiatives

October is National Energy Action Month, and the Department of Energy (DOE) has released a number of new initiatives to accomplish the President's goal of vastly improving the nation's energy efficiency and productivity. Among the new initiatives, the DOE announced an expansion of the Clean Energy Manufacturing Initiative, a new partnership with the Council on Competitiveness, as well as the launch of "Accelerate Energy Productivity 2030" by the Alliance to Save Energy.

The federal government itself is the nation's largest single user of energy. In an effort to lead by example, the DOE will designate \$5 million in funding to develop nine clean energy projects at federal facilities. The federal government is working to achieve a number of energy, water, and carbon pollution reduction goals including improving the energy intensity of its facilities by 30 percent by 2015 and reducing greenhouse gas emissions by 28 percent by 2020. The projects will advance the development of combined heat and power (CHP) and renewable energy technologies to reach the goal of obtaining 20 percent of their electricity from renewable energy sources by 2020.



**QUESTION:** What change has the biggest impact on energy efficiency?

**ANSWER:** According to the Department of Energy, LED lighting has the greatest potential impact for widespread energy savings in the United States. By 2027, widespread use of LEDs could save about 348 TWh of electricity, which amounts to a total savings of more than \$30 billion at today's electricity prices.

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## DOE Proposes their Biggest Energy Saving Standards Yet

Last month, the U.S. Department of Energy (DOE) proposed new efficiency standards that would lower commercial rooftop air conditioner energy use by approximately 30%. The new standards, if approved, would achieve the largest national energy savings of any standard ever issued by the DOE.



DOE estimates that, over the lifetime of units sold within a 30-year time period, the proposed standards would save businesses between \$16 and \$50 billion and reduce electricity consumption by about 1.3 trillion kilowatt-hours. That is enough energy to cool all the commercial buildings in the U.S. for 7 years. The new standards would net a typical building owner between \$3,500 and \$16,500 over the life of a single commercial rooftop air conditioner, while overall savings will often be higher since most buildings have multiple units.

Read more about the new efficiency standards [here](#) and contact [Air Temp Heating & Air Conditioning, Inc.](#) for ways to lower your company's energy and operating costs now.

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