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DID YOU KNOW?

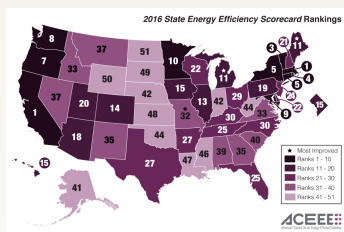


The [Paris Agreement](#) to combat climate change became international law this November and has now been ratified by 115 countries. The Agreement seeks to limit global warming to 2 degrees Celsius (3.6 degrees Fahrenheit) this century.

MARKET TRENDS



State Energy Efficiency Scorecard



The American Council for an Energy-Efficient Economy (ACEEE) issued its 10th edition of the *State Energy Efficiency Scorecard*. The Scorecard ranks states based on the progress of

Greetings!

With the holidays and new year quickly approaching, have you made a list and checked it twice of all the goals you wish to achieve in 2017? This month's *Hot Topics & Cool Solutions* eNewsletter is here to help - with articles to assist you in planning your facility maintenance for 2017 and ideas for giving your business the gift of smart building technology to improve facility performance. Give [Air Temp Heating & Air Conditioning, Inc.](#) a call today if you'd like to learn more.

We wish you and yours a joyful holiday season and a happy New Year!

Plan your Facility's Maintenance for 2017

As you're setting your personal and company goals for 2017, what goals do you have for your facility? Your facility's heating and cooling systems have a significant impact on both the



employees who depend on it daily for their comfort as well as your company's annual energy expenses. These complex systems require specialized skills to understand and maintain. If not properly maintained, they can be a continual source of problems, unexpected expenses and energy waste.

Plan to be proactive about facility maintenance in 2017! Take these questions into consideration when creating your plan - Do you:

- Perform scheduled preventive maintenance?
- Have money allocated in your budget for annual maintenance?
- Set aside emergency funds for major equipment repairs?
- Have specialized, in-house maintenance personnel?
- Have a source for fast, reliable emergency service?
- Comply with your organization's energy efficiency and sustainability goals?

energy-efficient and environmentally-friendly programs and policies. Rankings are based on six categories - utility programs, transportation, building energy codes, combined heat and power, state initiatives, and appliance standards.

[Click here](#) to view a larger version of the image above and to read more about ACEEE's findings. Image used with permission of aceee.org.



QUESTION: How do buildings affect Climate Change?

ANSWER: Buildings have a huge impact on both climate change and the environment, as they use approximately 40 percent of global energy, 25 percent of global water, 40 percent of global resources, and are responsible for approximately 1/3 of greenhouse gas emissions. They also represent a huge opportunity for improvement, as energy performance projects, energy-efficient technology and green initiatives can reduce 30 - 80 percent of the energy waste at many buildings.



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If the answer to any of these questions is no, or if you are interested in exploring a cost-effective, professional solution to facility maintenance, consider setting up a Guaranteed Professional Maintenance program with [Air Temp Heating & Air Conditioning, Inc.](#) Give us a call today to find out how we can help ensure your equipment runs smoothly and stabilize your company's operating budget!

Incorporating IoT in Small- and Medium-Sized Buildings

While big building owners often have big budgets to invest in the latest and greatest technology, small- and medium-sized businesses often don't have these same funds to play with. Even if that technology could end up saving them money in the long (and even short) term. But as the Internet of Things (IoT) concept grows and improves, new IoT technology is becoming more prevalent and affordable to help small- and medium-sized businesses improve their energy efficiency and facility management.

How does IoT technology help improve facility performance? By enabling facility equipment - such as HVAC, lighting and security systems - to connect with sensors, monitors and Wi-Fi, new technology helps transform buildings into monitored environments with easily-accessible data. The data can then be used to optimize facility performance, cut unnecessary energy waste and even used to discover new ways to drive down costs while improving occupant experience. Interested in learning more about incorporating IoT in your building? [Click here](#) to find out more from Navigant Research's blog post "IoT Bridging the Gap for Intelligent Small and Medium-Sized Buildings."

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