

# Fact Sheet



## **Johnson Controls' Energy Efficiency Indicator: China Continues to Lead in Interest in Energy Management and Efficiency**

### **Overview**

Johnson Controls Institute for Building Efficiency has released the results of the 2013 Energy Efficiency Indicator (EEI), a global study of how corporations are investing in energy management. The EEI is an industry indicator of change over time in how corporate decision-makers view energy efficiency policies, and helps establish the benchmarks for progress in energy efficiency year after year. This year's respondents come from 10 countries and represent decision-makers from a variety of commercial, industrial and institutional facilities such as hospitals, schools, and government buildings. This was the fourth year that the survey was conducted in China.

### **Results and Trends in Energy Efficiency**

- Globally, companies are more interested in energy efficiency – a 116 percent increase since 2010 – and nearly half are categorizing energy management as “extremely important” to their organization.
- China continues to lead the world in number of respondents who say that energy management is “extremely significant” to their organizations – 54 percent compared to 41 percent globally.
- Interest has jumped dramatically in the past year, with 61 percent of Chinese executives saying that they are paying “a lot more attention” to energy efficiency in 2013 compared to last year.
- The top five drivers for energy efficiency by Chinese executives are: energy cost savings, energy security concerns (availability, reliability, and security of supply), existing government policy, enhanced brand and public image, along with customer attraction and retention.
- Executives in China reported that internal financial criteria has become a greater issue than in past years, with 24 percent saying that projects were unable to meet the organization's internal financial criteria.
- In previous surveys, the market reported greater concern with not having the technical expertise to design and complete energy efficiency projects. This year, technical expertise concerns dropped, and three barriers – lack of certainty in the savings generated by a project, lack of funding to pursue the projects, and technical expertise – were all equally considered as obstacles.
- Smart building technology (sensors, smart meters, etc.), solar thermal technologies (hot water, power) and solar photovoltaic technology (electricity) were the top three technologies that executives in China believe will take off in the domestic market in the next 10 years.
- China also leads the world in expectations around the market penetration of solar technologies.

### **About Johnson Controls Building Efficiency**

Johnson Controls delivers solutions that increase energy efficiency and lower operating costs in buildings for more than one million customers. Operating from 700 branch offices in more than 150 countries, we are a leading provider of equipment, controls and services for heating, ventilating, air-conditioning, refrigeration and security systems. Our solutions have reduced carbon dioxide emissions by 19 million metric tons and generated savings of \$7 billion since 2000. Many of the world's largest companies rely on us to manage 1.8 billion square feet of their commercial real estate.

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