

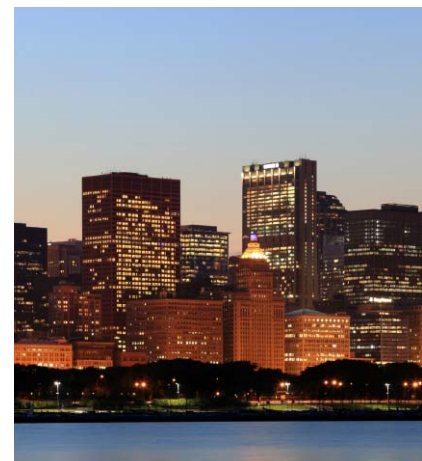
# 2011 ENERGY EFFICIENCY INDICATOR SURVEY: SOUTH AFRICA PARTNER RESULTS

The 2011 South Africa partner results provide insights into the priorities, practices and investments being made by decision-makers in that country today, and offer a glimpse into their expectations for technologies of tomorrow. The survey in South Africa had 77 respondents and was conducted through four partner organizations that helped distribute the survey:

- South Africa Chamber of Commerce and Industry (SACCI)
- South Africa Facilities Management Association (SAFMA)
- American Chamber of Commerce (AMCHAM)
- African Facility Management Online (AFMO)

## KEY POINTS FROM 2011 SOUTH AFRICA EEI PARTNER RESPONSES:

- There was strong interest in energy efficiency among South Africa's building executives: 77% said energy management was very or extremely important to their organizations, and 79% said they were paying more attention to energy in 2011 than in 2010.
- Energy cost savings and pending/anticipated government policy led as drivers for energy efficiency action, followed by energy security and existing government policy. Cost savings appeared to be especially important in South Africa, as respondents indicated they expected energy prices to increase by 87% over the next year
- 47% of respondents planned to pursue green certification for new buildings, and 34% percent for existing buildings; 22% said they had certified at least one green building, and 26% had incorporated green building elements without earning certification.
- Among the efficiency actions taken in the past year, lighting improvements led by more than over 20 percentage points as the top measure implemented (79% of respondents), followed by HVAC or controls improvements (58%), low cost/behavioral improvements (52%), and energy supply and demand management (52%).



## OVERVIEW

The 2011 Global Energy Efficiency Indicator (EEI) survey reveals the energy priorities, practices, investment plans and barriers facing building decision-makers responsible for energy investments and activities in their companies. The global survey included nearly 4,000 facility managers and building executives and owners. The 2011 survey is the fifth global EEI survey conducted by Johnson Controls through its Institute for Building Efficiency.

- When asked which on-site technologies they expected to see the greatest market adoption in the next 10 years, executives selected lighting technologies, smart building technology (despite a low level of adoption to date), and advanced building materials as their top three choices.
- Financial barriers were significant in South Africa: 22% said their top barrier to pursuing energy efficiency was lack of funding, followed by insufficient payback/ROI (21%). Of those who identified the funding concern, 58% cited insufficient internal capital budget and 32% indicated insufficient government or utility incentives.
- The longest allowable payback on efficiency projects averaged 3.7 years, the same as the global average.
- 57% of South African respondents believe it will take longer than 5 years to meet energy demand with alternative energy sources; 30% believe it will take 3-5 years.
- To protect against anticipated electricity supply shortages in South Africa, 70% of companies have installed on-site generation and 53% have increased the energy efficiency of their facilities.

## SURVEY RESPONDENT DEMOGRAPHICS

The EEI survey is conducted anonymously. To qualify, respondents must have budget responsibility for at least one nonresidential building, and their responsibilities must include energy use, either through monitoring of usage or proposing or approving energy-related projects.

Among South African respondents, 62% classified their facilities as commercial, 10% as institutional, and 18% as industrial. Forty-two percent of respondents managed more than 500,000 square feet.

For additional information on the South Africa and global results, visit the EEI 2011 survey on the Institute for Building Efficiency website: [www.institutebe.com/Energy-Efficiency-Indicator](http://www.institutebe.com/Energy-Efficiency-Indicator).

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The Institute for Building Efficiency is an initiative of Johnson Controls providing information and analysis of technologies, policies, and practices for efficient, high performance buildings and smart energy systems around the world. The Institute leverages the company's 125 years of global experience providing energy efficient solutions for buildings to support and complement the efforts of nonprofit organizations and industry associations. The Institute focuses on practical solutions that are innovative, cost-effective and scalable.

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