

JOHNSON CONTROLS BUILDING EFFICIENCY

A more comfortable, safe and sustainable world



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Delivering a more comfortable, safe and sustainable world

Johnson Controls partners with building owners, communities and contractors to develop comprehensive programs that support the development of high-performance green buildings and sustainable communities worldwide. We provide technology, services, implementation expertise and funding strategies that help save energy, reduce waste, and reduce operating expenses, all while protecting the environment.

Sustainable buildings are not just environmentally friendly, they also make good economic sense

Our integrated approach to design and construction results in high performance facilities that are not just safe, comfortable and energy efficient, but also attractive financially. By working with us early in the design phase, we'll help put together a plan that covers everything from reducing resource use during construction to optimizing the ongoing operations of your facilities. We'll integrate all your building systems on a single, seamless technology platform and incorporate high-efficiency equipment and renewable energy technologies. And we'll ensure that you maximize the financial return and building performance from your investment.

Working with the world leader, leveraging our experience

We've been at the forefront of energy efficiency, green buildings and sustainability from the start. We were the first EPA ENERGY STAR® Ally of the Year in 1999. We helped develop the LEED® (Leadership in Energy and Environmental Design) Green Building Rating System and were charter members of the U.S. Green Building Council's board. We've co-sponsored the Washington, D.C. Energy Efficiency Forum for 18 years. In 2004, we received the World Environment Center's Gold Medal for International Corporate Achievement in Sustainable Development.

Our broad range of capabilities include:

- Building Automation Systems
- Energy efficiency retrofits
- Energy measurement and verification
- Water conservation and measurement
- Utility bill management and information systems
- Green building assessment tools and services
- Sustainability planning services
- Commissioning and retro-commissioning services
- On-site renewable energy projects, including wind, solar and biomass
- High-efficiency HVAC equipment
- Under-floor air distribution systems
- Sustainable energy education and communication programs

ADVANCED TECHNOLOGY

Advanced integrated technologies control temperature, humidity, energy use, security and fire safety systems

ADVISORY SERVICES

Comprehensive advisory services assist design teams and facility owners with sustainability planning and energy management, energy efficiency and renewable energy-related projects and programs

TECHNICAL SERVICES

Technical building services improve energy and operational performance of systems and equipment in existing buildings

BUILDING EQUIPMENT

The York brand of HVAC equipment is among the industry's most energy efficient and uses environmentally friendly refrigerants in compliance with the Montreal Protocol

Clinton Climate Initiative

As a member of the Clinton Climate Initiative (CCI), we are working with 17 cities around the world to develop comprehensive strategies to improve energy efficiency in both public and private sector buildings. Our global presence and experience working with hundreds of local governments and thousands of facilities makes us uniquely qualified to help you.



In the City of Cumberland, Md., a \$3.7 million performance contract that improved energy efficiency and comfort conditions in city buildings also underwrote additional updates expected to yield \$8 million in energy and operational savings over the next 15 years. Updates included interior and exterior lighting retrofits, a boiler replacement, building weatherization, traffic lighting retrofits and a WiFi network used for automated meter reading for the city's new water meters.



The new San Jose, Ca. headquarters for Integrated Design Associates is among the first commercial office buildings in the United States designed to meet a net-zero energy/net-zero carbon emissions goal (or Z²). Johnson Controls designed and installed a unique heat pump-based HVAC and control system, which is a key contributor to minimizing the building's energy consumption. Roof-mounted photovoltaic solar panels are designed to provide more than enough electricity to power the facility during the day.