

Optimize and modernize your facility



Energy efficiency retrofits optimize and modernize your facilities by introducing proven improvements that lower energy, operating and capital costs while simultaneously improving your indoor environments and reducing your impact on the outdoor environment.

We align your facilities with your core business objectives. We evaluate a wide array of systems, equipment and processes in order to identify energy and operational efficiency opportunities that will improve overall facility performance. We begin by addressing the two most common root causes of excessive costs: 1) aging, inefficient or misapplied building technologies; and, 2) undefined or poorly aligned service levels.

Typical improvements include enhancements to heating, ventilating and air-conditioning systems, lighting and electrical systems, control systems, motors and pumps, and eliminating leaks and waste. For example, most fan systems are oversized by 60% while chillers are often 50-200% oversized.¹

ENERGY EFFICIENCY RETROFITS

Features

- Initiate investment-grade audits of resource² consuming systems.
- Analyze and benchmark your facilities' energy usage and equipment efficiency.
- Utilize benchmarking to direct effective solutions and establish best practices.
- Prioritize energy and cost-saving projects based on your key performance indicators.
- Install the equipment and implement the processes you need to meet your core business objectives.

Benefits

- Modernize all resource² consuming systems.
- Increase reliability of the resource consuming systems that contribute to the indoor environment in your facilities.
- Potentially increase the value of your facility.
- Reduce energy costs.
- Deliver healthier, more productive workspaces.
- Reduce the impact your facilities have on the environment by saving energy and reducing emissions.
- Maximize efficiency by considering the interrelationship of people, processes and technology.

Johnson Controls: The Energy & Sustainability Leader

Only Johnson Controls has the depth of knowledge and breadth of experience to deliver the energy and operational solutions to optimize your facilities. We have over 100 years of experience and have dedicated over 1,000 professionals to identify energy and operational efficiency measures and have committed the human and technology resources to deliver energy and sustainability solutions for today's buildings. We have the operational and engineering skills to identify and quantify the opportunities that help you reduce costs, improve your workspaces and reduce your risk of facility ownership.

Call your local Johnson Controls representative now to find out how to put our experience and knowledge to work for you.

Proven Performance

Johnson Controls has a proven history of optimizing and modernizing facilities through energy efficiency retrofits. Our diverse customer base includes hospitals, local, state and federal government buildings, and educational facilities among others.

City of Campbellton, New Brunswick, Canada

Energy, operating and maintenance cost savings of 20 percent annually.

City of Compton, California

Energy and operational savings of \$4 million over 15 years.

City of Cumberland, Maryland

Energy and operational savings of \$8 million over 15 years.

Denver Federal Center, Colorado

Energy and operating costs reduced by \$450,000 annually.

Hardee County School District, Florida

Energy savings of more than \$3.1 million over 10 years.

Jackson County, Missouri

Energy savings of \$7.6 million over 15 years.

Norwalk Hospital, Connecticut

Energy and operational savings of \$1.2 million annually for 10 years.

Parma City School District, Ohio

Energy savings of \$20 million over 15 years.

University of Central Oklahoma, Edmond, Oklahoma

Energy savings of \$850,000 annually for 20 years.

Weatherford College, Texas

Energy savings of \$3.5 million over 10 years.



YORK brand chillers are rated among the most energy efficient and use climate-friendly refrigerants.

1 EPA, Good Energy Management is Good Business (see http://www.energystar.gov/index.cfm?c=business.bus_good_business)

2 Resources are valuable and finite and can include any one or a combination of items such as electricity, gas, water, oil, propane, capital, labor, supplies, etc.