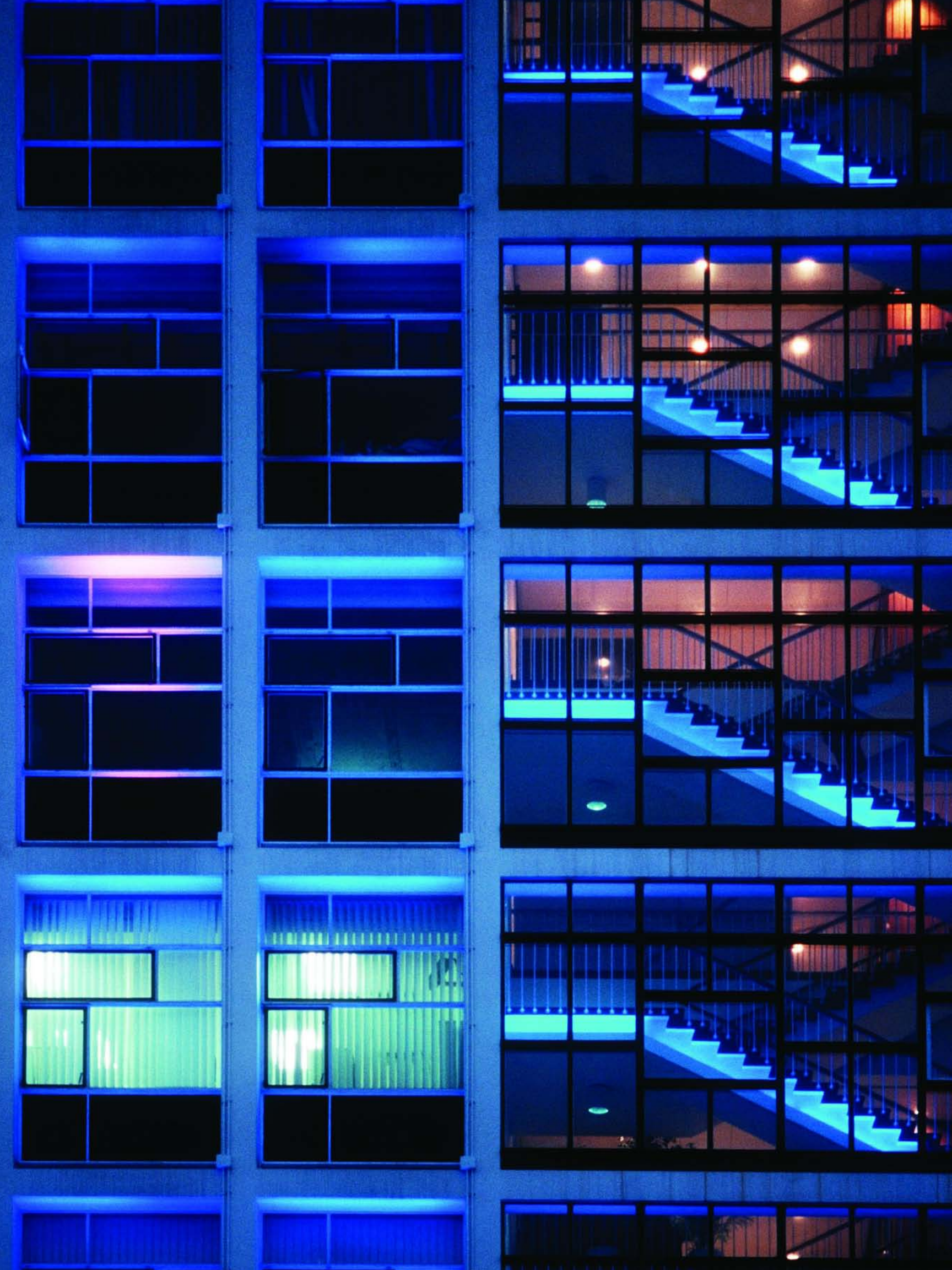




Energy & Environmental Solutions

Building Technologies

SIEMENS



Our mission is to help our customers manage their buildings' energy costs, improve reliability, and enhance performance while having a positive impact on the environment

Energy. It is vital to your business.

Volatile energy costs. A strained national energy infrastructure. Aging facilities. A rejuvenated focus on the environment. Legislative mandates and tax incentives.

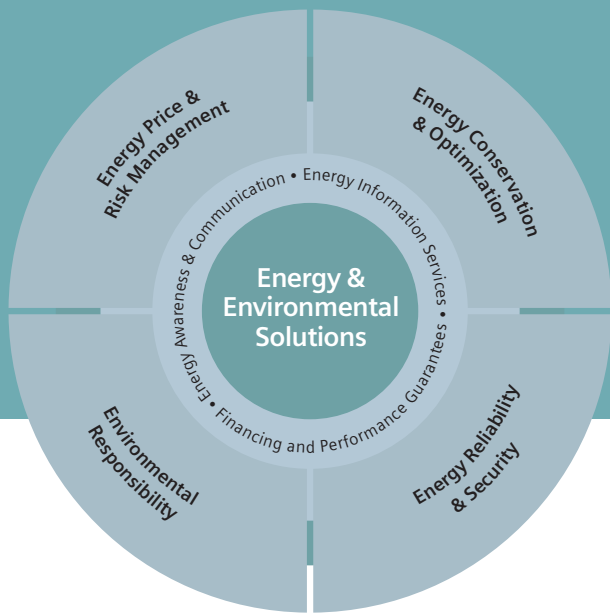
All are issues for today's business and government leaders. Industrial manufacturers, government entities, healthcare facilities, educational institutions, privately-held companies and corporations alike need a strategic partner and plan to ensure a consistent, affordable energy foundation.

At Siemens Building Technologies we recognize that high performance buildings make for high performance business. Energy is the lifeline of your facility — Energy is vital to your business.

From energy procurement to efficient system design and installation, from energy generation to comprehensive auditing and performance reporting — Siemens has the answers.

Our strategic energy solutions can help you manage your facility's energy needs throughout a building's life-cycle. Siemens customers can expect:

- Greater predictability and management of energy budgets
- Energy supply options and management
- Dependable, flexible and clean energy systems and operations
- Improved facility and energy performance
- Innovative environmental solutions



Energy Price and Risk Management

Energy prices have reached historic highs and are expected to remain volatile for the near future. Rapid price fluctuation — if not proactively managed — could affect your long-term performance.

An innovative strategic energy plan can help you manage your utility budget without compromising the operation of your facility or affecting the comfort of your employees. Siemens will professionally evaluate and manage your organization's critical energy supply. Our experts have the detailed market knowledge and tools to help you manage your energy use — allowing you to focus on your business.

Siemens can provide you with:

- Ongoing, professional management of your energy supply
- The "right" fuel or energy source for your business

Our Energy Solutions include:

- Energy Procurement and Management
- Energy Market Analysis, Risk Assessment and Budgeting
- Energy Rate and Tariff Analysis
- Alternative Fuel Research and Options



Energy Conservation and Optimization

In a typical facility, one-third of the energy used and paid for is unnecessary. Why? It is mainly due to inefficient design, poorly functioning equipment and outdated technology — basically an antiquated energy infrastructure.

Energy efficiency in buildings is the quickest, most cost-effective and environmentally friendly way to extend energy supplies and manage your energy use.

Progressive energy-saving technologies and equipment are constantly under development. The experts at Siemens are well-versed in innovative, energy-saving facility improvements and system retrofits.

Upgrades to your facility can be funded through Siemens guaranteed performance-based solutions. Guaranteed solutions allow facility, capital and technology improvements to be made within existing budgets.

Through energy information tools such as audits, utility bill management, and metering and load profiling, our energy professionals will perform an evaluation to ascertain if your facility is using its resources effectively and efficiently. If needed, we will design, build, maintain and continually monitor your facility's energy infrastructure to maximize operational efficiency while reducing operating costs.

Siemens can provide you with:

- Reduced energy consumption
- Maximum efficiency in energy usage
- Modernization of your facilities
- Improved operational strategies

Siemens Energy Solutions include:

- Energy Saving Facility Improvement Measures
- Continuous Energy Commissioning
- Detailed Energy Audits, Analysis and Benchmarking
- Funding Options and Performance Guarantees



Energy Reliability and Security

There are very real concerns regarding the country's energy infrastructure and risks to the overall energy supply. Disruption to energy supply could come from myriad sources: increased global competition, an overload to the energy grid, a natural disaster or terrorism.

Siemens energy experts will guide your organization through the process of providing greater independence over your energy supply. We can negotiate or install on-site energy systems that ensure a reliable and secure energy source for your facility — no matter if your goal is a “back-up” system or greater energy independence.

Alternative and renewable energy generation programs can serve as an additional or back-up energy source of power for your buildings. Siemens is at the forefront of on-site clean energy generation, utilizing a variety of available waste streams — from biomass to landfill gas and post-industrial waste — to serve as an additional, alternative energy source for your facilities.

Siemens can provide you with:

- Protection against an interruption in your energy supply
- Secure on-site energy infrastructure

Siemens Energy Solutions include:

- Electrical Generation
- Co-Generation
- Uninterruptible Power Sources
- Back-up Energy Generation
- Alternative and Renewable Fuel Sources



Environmental Responsibility

At Siemens, what is good for the environment is good for business.

We understand that facilities, whether old or new, have a broad range of performance characteristics. Our energy and environmental team will work with you to update and document your systems and operations strategies to be more energy efficient, improve occupant comfort and to reduce your facility's emissions significantly.

Being "green" is characterized differently from organization to organization. Overall, incorporating sustainable practices into your facility encompasses building design, material use, energy optimization, water efficiency and indoor environmental quality. Green programs can include alternative and renewable energy generation, the design of or upgrade to green building systems, or a reduction in energy use.

Siemens can provide you with:


- Green planning — from concept to reality
- Guidance through the green building certification process

Siemens Environmental Solutions include:

- Environmental Monitoring and Benchmarking
- Indoor Environmental Quality
- Green Building Guidance and Certification
- Minimized Environmental Impact of your Facility
- On-site Green Energy Generation

Why "Green?"

There is a growing correlation between environmental practices and a company's economics. Organizations that adopt green practices discover not only economic advantages in the efficient and effective use of energy, but find that healthier internal environments result in increased employee health and productivity. Green facilities leave a smaller footprint on the environment and have reduced operating costs, in addition to good community relations. Environmental responsibility also has been increasingly linked to shareholder value.



Green Building Certification: Energy Efficiency and the Environment

Certification and labeling programs provide a scale that allows your organization to set and measure your energy savings and environmental goals.

Whether it is the United States Green Building Council's Leadership in Energy and Environmental Design (LEED®) program or the Environmental Protection Agency's ENERGY STAR® label, our Energy and Environmental Solutions team delivers energy efficient, high performance green buildings with established green practices.

Siemens will help you navigate your organization through the labeling and certification processes. Our LEED-accredited professionals will work with you to assess your facility's status, understand your sustainability goals and help you attain them.

Alternative and Renewable Energy

Alternative and renewable energy sources will one day transform the energy business as we know it and Siemens has the experts that can work with you to identify new "green" opportunities.

Siemens will tailor a program for your facility using advanced technologies in recyclable waste and in alternative and renewable fuels. We are experienced in the latest technologies that generate clean energy and waste-to-energy transformation. We work with our customers to create fuel from carpet, post-industrial solid waste, biomass and agricultural and segregated municipal solid waste. Our innovative energy solutions are designed with environmental and community responsibility in mind.



Financing Solutions

How do you fund unplanned, infrastructural improvements? By using energy and operational cost savings, you can fund your infrastructure improvements or green building programs.

If funding is a consideration, Siemens offers financial solutions that allow you to leave your organization's capital funds intact and put your energy savings to work through Siemens guaranteed performance-based solutions.

At Siemens, we design and implement customized energy solutions that allow facility, capital and technology improvements to be made within your existing budget.

This can reduce your operating costs, while at the same time providing the additional value of new, energy efficient equipment.

The Siemens guarantee ensures that the facility improvements made today will decrease energy use and maintain or increase comfort levels — while minimizing the impact on the environment.

In addition, Siemens offers a variety of flexible leasing options and service contracts.

With Siemens energy solutions, you can put energy savings to use to:

- Install new equipment to modernize your facility's energy infrastructure
- Reduce your organization's operating budget
- Minimize the cost of facility improvements and the associated financial risk
- Help create comfortable, safe and productive environments for building occupants



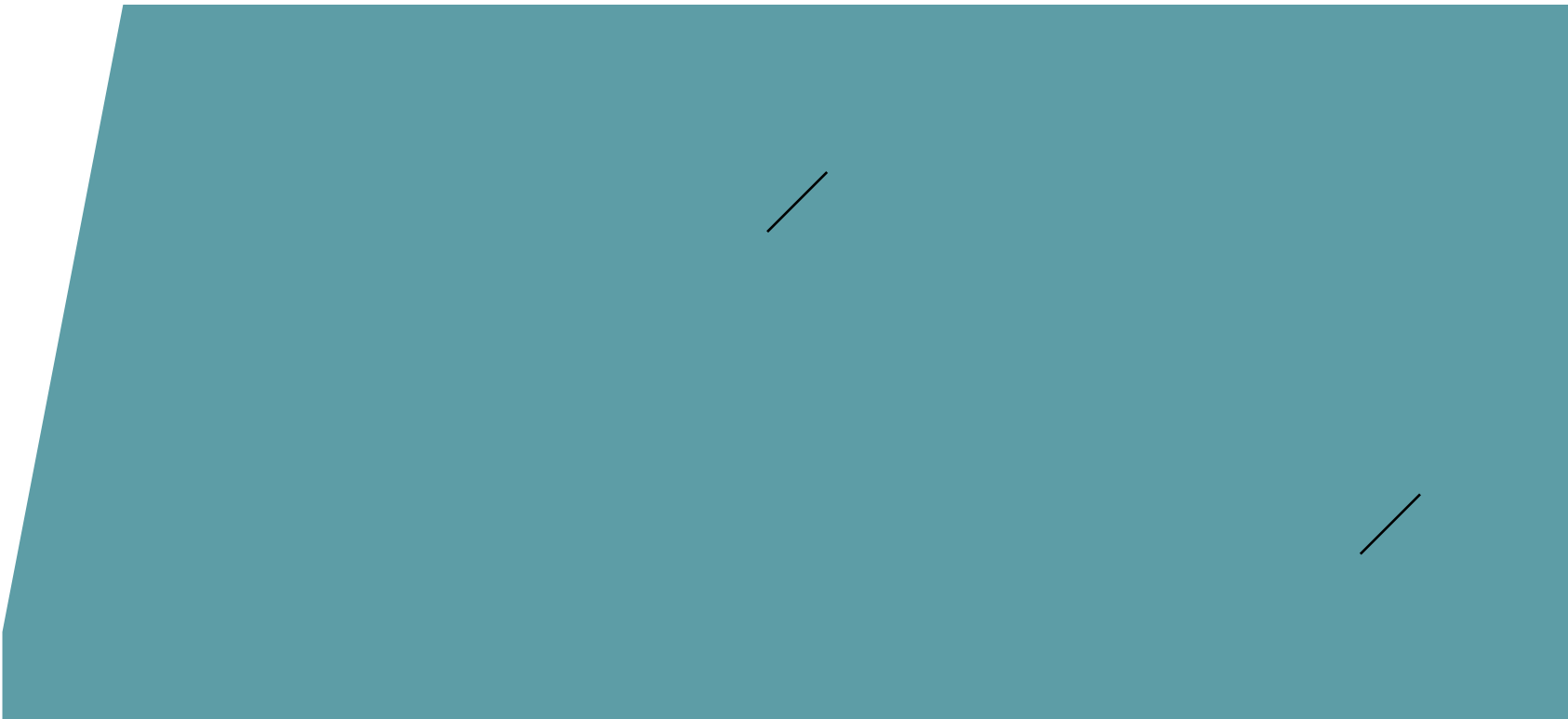
Siemens Building Technologies

As a leading provider of energy and environmental solutions, building controls, and fire safety and security system solutions, Siemens Building Technologies makes buildings comfortable, safe, productive and less costly to operate. As part of an international corporation, we are able to provide world-class solutions in conjunction with local support. Each of our offices is a full-service branch staffed by on-site technical service specialists and project management teams that can deliver complete building solutions.

At Siemens, we offer our customers a complete program of technical infrastructure for comfort, efficiency and security in buildings. In conjunction with our sister companies, Siemens Water Technologies, OSRAM/Sylvania, Siemens Power Generation and Siemens Energy and Automation, Siemens Building Technologies can fulfill your facilities' overall energy and environmental needs.

Project Expertise in:

- Commercial Facilities
- Federal Facilities
- Green Building
- Healthcare Facilities
- Higher Education Buildings/Campuses
- Industrial Buildings
- K-12 School Buildings
- Public Housing Authorities
- State/Local Government Buildings



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