



CUTTING COSTS AT LABS AND RESEARCH FACILITIES

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Laboratory facilities consume 5 to 10 times more energy per square foot than typical commercial buildings.

A GROWTH OPPORTUNITY

As the United States continues its transition toward a service-based economy, laboratories and research centers will become increasingly important sources for job growth. According to the EPA, a 30% energy reduction in half of American laboratories can save 19 million tons of carbon dioxide emissions and reduce energy costs by \$1.25 billion each year.

PROVIDING LABORATORY AND RESEARCH SPACE SOLUTIONS

Clark Energy Group understands the complex solutions needed to retrofit research and lab facilities and is capable of working on high-performance buildings with narrowly defined operational parameters. Clark has considerable experience working on "mission critical" projects that rely on precise construction logistics to avoid interfering with important on-site research.

POTENTIAL SOLUTIONS

- Variable-air-volume (VAV) fume hoods
- Heat recovery systems
- Energy-monitoring systems with digital controls
- Energy-efficient laboratory equipment
- High-efficiency HVAC upgrades
- Improved lighting

LABS FOR THE 21ST CENTURY

The EPA and DOE Laboratories have outlined the importance of upgrading the nation's laboratory space with their *Labs for the 21st Century* program, and Clark Energy Group aims to rise to the challenge by providing efficiency solutions for these energy intensive facilities. By leveraging our experience working with energy efficiency upgrades, we can produce cost-saving solutions, whether a lab or research facility is associated with a government, institution, or private sector firm.