



(Carbon Neutral Group)- a 501 (c) (3) organization
CNG Mission Statement-

Our initiative focuses on the growing demand for addressing key challenges at the core of the climate change issue: e.g., developing and expanding energy efficiency capacity at a campus level, Instituting an effective and efficient multilateral energy efficient and recommissioning investment program tailored to individual colleges and universities in the state of Colorado; in order to achieve a goal of 25% reduction in water, electrical and natural gas consumption in a compatible timeframe.

Strategic Plan of Attack: Smart Efficiency Measures –“Your campus road map”

Though the benefits are clear, few organizations have developed a strategic, long-term approach to energy-related projects. CNG’s energy planning program have resulted in long-term success for one client committed to reducing energy, optimizing the operational and maintenance budgets, and implementing renewable and sustainable energy projects on their campus.

A smart efficiency plan ensures that your campuses energy management activities are aligned with your overarching energy efficiency goals. CNG has assisted in every step of the way, whether it is defining your energy reduction targets, improving your carbon footprint, or meeting a specific set of near-term objectives that address critical facility and energy needs.

A smart efficiency plan defines the approach you can take at each phase of energy management, including:

- Quantifying your specific energy efficiency goals and objectives
- Creating a multi-year profile of projected energy demand, consumption, and costs, including baselines and benchmarking
- Determining to what extent audits, assessments, commissioning, or other energy efficient strategies should be deployed
- Conducting a life-cycle financial analysis of potential energy strategies, accounting for future facility growth and systems degradation
- Developing a prioritized roadmap for implementing and financing the most beneficial strategies or “low hanging fruit”

UCB Case Study-

The combined conservation efforts by all Buff Energy Star program participants for the 2011-12 fiscal year resulted in total energy savings of more than 1.5 million kilowatt hours, a cost savings of some \$162,000. The total reduction of carbon dioxide emissions amounts to more than 2.5 million pounds in over 11.5 million sq ft of building area costing avg of \$26 m annually
