

SUMMARY OF TASK FORCE RECOMMENDATIONS

MISSION/OBJECTIVE:

SUNY will assume a national leadership role in energy sustainability, education, technology, economics and public policy through a transformational integration of practice, teaching and research.

GOALS:

Conservation/Sustainability

- Establish campus targets for reduction of energy usage such that total University energy usage is 37% lower than 1989-90, as measured by BTUs per square foot (see Appendix A). This goal is two percentage points higher than the goal of Executive Order (E.O.) 111.
- Cap green house gas emissions at current levels and decrease emissions 20% by 2014 (see Appendix D).
- Increase the use of renewable energy purchased or generated on campus to 30% by 2014. This is 10 percentage points greater than the E.O. 111 requirement.
- Increase usage of bio diesel to 10% by 2010. Two years ahead of E.O. 142 requirements.
- Increase usage of bio heating oil (#2 oil) to 10% by 2010. Five percentage points higher and two years earlier than E.O. 142 requirements..
- Develop five new combined heat and power (CHP) projects by 2010 (see Appendix C)
- Design and construct new buildings or rehabilitate existing buildings using Leadership in Energy and Environmental Design (LEED) Silver criteria and life-cycle-cost analysis. Energy systems will be designed to maximize efficiency over the life cycle.

Transformational Opportunities

- Advance SUNY's educational mission in energy and environment
- Academic Programs--Develop and expand energy-related curriculum and cross-disciplinary academic programs that explore the energy/environment/economics nexus.
- General Education--Develop curriculum within campus general education programs related to energy and the environment.
- K-12 Teacher Education--Support campuses with Teacher Education programs to strengthen their offerings in the energy-environment area.
- Workforce Training--Develop academic programs at the technical level and through Continuing Education programs to meet the needs of energy users, energy service companies, regulators, and public and investor-owned utilities.
- Raising Awareness--Utilize capabilities of University to educate students, faculty, staff, local community and global community about the nexus between energy and the environment.
- Expand energy-related research to achieve national leadership in the development and use of renewable energy, conservation and the efficient use and conversion of energy.
- Build strategic alliances with public and private sector partners by providing research and analysis to regulators, elected officials, private industry and New York's citizens.

Management and Planning

- Optimize "System-ness" by encouraging and facilitating greater inter-campus communication and cooperation regarding best practices, campus-based initiatives and externally funded projects.
- Procure energy and fuels at the lowest cost, while managing price risk in accordance with a prudent, clearly defined and documented University Risk Management Policy that utilizes financially sound market-based products.
- Take a proactive roll in rate cases before the New York State Public Service Commission and the Federal Energy Regulatory Commission to protect the University's interests.