

Strategic Energy and Water Plan Commitment for North Carolina State University

We recognize energy and water as controllable expenses wherein savings result in reducing overall operating cost. Energy and water management is a responsibility of the staff, faculty and students at each facility, guided and supported by the Energy Manager.

- North Carolina State University will develop a Strategic Energy and Water Plan. The Assistant Director for Utilities Services is responsible for the success of the Program at the campus facilities.
- The Energy Management Engineer is responsible for implementation of North Carolina State University's Strategic Energy and Water Plan.
- The Assistant Vice Chancellor for Facilities Operations will review progress and results quarterly.

Strategic Energy and Water Plan Commitment- Goals

Recognizing that North Carolina State University is experiencing significant growth in facilities and utilization rates, we will establish a goal to reduce the Aggregate Annual Energy Consumption per Gross Square Foot, adjusted for weather, by a minimum of 4% over a 10 year period based on the Key Performance Indicators listed below, using Fiscal Year 2002/2003 as a baseline. We will reduce Annual Water Consumption Per Gross Square Foot by a minimum of 10% over the baseline year 2001-2002.

Strategic Energy and Water Plan Commitment- Measures

Our tracking measures will be the following State Key Performance Indicators (KPI)

- *Total Utilities Cost per Gross Square Feet*
- *Total Energy Cost per Thousand Gross Square Feet per Degree Day*
- *Total Energy Consumption in BTU's per Gross Square Feet*
- *Total Energy Consumption in BTU's per Gross Square Feet per Degree Day*
- *Total Water Cost per Gross Square Foot*
- *Water Consumption in Hundred Cubic Feet (CCF) per Gross Square Foot*
- *Total heating and cooling Degree Days*
- *Campus Area (GSF)*
- *Growth in Research Programs(\$)*
- *Utility Cost per Student (\$/FTE)*

Strategic Energy and Water Plan - Commitment

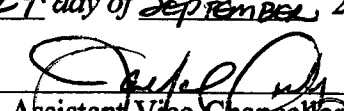
Implemented this 29th day of September, 2006.



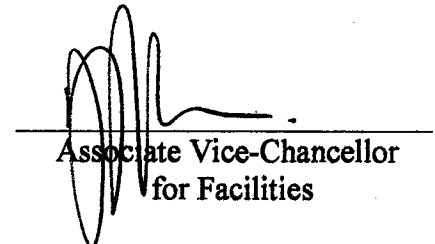
Energy Management
Engineer



Assistant Director of
Utilities Services



Assistant Vice-Chancellor
for Facilities Operations



Associate Vice-Chancellor
for Facilities

This Energy and Water Commitment serves as a Memorandum of Agreement to support Strategic Energy and Water Plans for the state Utility Savings Initiative.

Director State Energy Office

Date