

RESOURCE CONSERVATION

THE SCHOOL BOARD OF BROWARD COUNTY FLORIDA BELIEVES THAT RESOURCE CONSERVATION IS AN ECONOMIC, ENVIRONMENTAL AND SOCIAL PRIORITY WHICH SHOULD BE PRACTICED AS WELL AS INTEGRATED INTO THE CURRICULUM. IN ADDITION, SIGNIFICANT ECONOMIC BENEFITS MAY BE DERIVED FROM A COMPREHENSIVE RESOURCE CONSERVATION POLICY.

RULES:

1. Definitions

- A. Resources – include energy, electricity, natural gas, trash collection, water, propane and fuel oil.
- B. Resource conservation – includes recycling, waste reduction, energy efficiency and water conservation.
- C. Life Cycle Cost – means the amortized annual cost of a product including capital costs, installation costs, operating costs, maintenance costs, and disposal costs discounted over the lifetime of the product.

2. School Board Beliefs

- A. Past and present resource consumption must be assessed.
- B. Current operational and maintenance practices must be reviewed.
- C. Operation changes designed to reduce resource consumption and related costs shall be studied.
- D. The feasibility of retrofitting alternatives for existing facilities as a result of engineering studies and reports shall be examined.
- E. Periodic reports and/or recommendations shall be provided to the Superintendent and the Board.
- F. Energy management measures, which are implemented, shall be monitored and verified on a continuous basis.
- G. Instruction in energy use and resource conservation shall be incorporated into the District's curriculum and insured through a monitoring process.

3. The Superintendent shall develop administrative procedures based on Florida Statutes **1013.44** and **1013.23** and State Requirements for Educational Facilities (SREF) Code 3.2 (e) to support the policy, to implement the following initiatives, and to appoint a Resource Conservation Committee to monitor progress.

- A. Energy efficiency (e.g. lighting, heating, ventilation and air conditioning) shall be incorporated into the design of all-new facilities and additions to existing facilities.

- B. During the design and where affected in the design process, existing buildings should be upgraded to include energy efficient features similar to those being incorporated into the engineering or architectural design of new facilities (e.g. lighting, heating, ventilation and air conditioning).
- C. Specifications for the purchase of equipment shall include applicable energy efficiency criteria and shall take into consideration life cycle costs.
- D. School Board owned facilities shall be operated in an efficient manner.
- E. Energy conservation concepts shall be incorporated into the curriculum.
- F. Conservation of resources:
 - 1. Resource conservation efforts shall be recognized;
 - 2. District shall aggressively pursue incentive programs as offered by energy and other utilities providers;
 - 3. Cost savings shall be applied towards furthering resource conservation at school sites.
- G. Resource conservation training shall be provided for school, area and District staff.
- H. Resource saving practices (i.e. utilizing sustainable resources, resource recovery, and waste stream reduction) shall be implemented.

AUTHORITY: F.S. **1013.44**, **1013.23**
Policy Adopted: 02/05/02