

# Marion County Board of Education

Monitoring:

Descriptor Term:

Descriptor Code:

Issued Date:

**Review: Annually,  
in October**

## **Energy Use and Conservation**

**3.211**

**10/22/13**

Rescinds:

Issued:

### **PURPOSE**

The Marion County Board of Education is responsible for the efficient use of all natural resources required by the District. In keeping with this responsibility, the District shall provide leadership in developing a realistic energy use ethic, by increasing awareness of energy needs and their associated costs in the operation of District facilities, in order to conserve on energy while maintaining a comfortable environment.

### **STATEMENT OF POLICY**

The District's success in achieving an effective energy use, conservation and efficiency program requires and depends upon cooperation at all levels. Therefore, every employee, student, school volunteer and contractor is expected to contribute to and actively participate in the District's energy conservation and efficiency program, and to be an "energy saver" as well as an "energy consumer."

Implementation of the District's energy use and conservation policy shall be the joint and collective responsibility of the District's Board of Education, administration, teachers, staff, students and volunteers. While primary accountability and responsibility for management and administration of the District's energy conservation and efficiency program shall lie with the District's Director of Schools or his/her designee, the District's administrative staff shall assist the Director of Schools or Designee as needed in implementing, managing, directing, monitoring, evaluating and reporting District conservation and efficiency in the use of energy.

The District shall, under the supervision and direction of its Director of Schools or designee, maintain accurate records of energy consumption and associated costs at each school site and shall periodically provide information on the goals and progress of the District's energy conservation program. The judicious use and management of various energy systems at each school facility shall be the joint responsibility of the administrative, instructional and custodial staff of each such facility, acting in concert with the District's Maintenance Department.

The District's Director of Schools or designee shall develop, in cooperation with and with assistance from such others as may be necessary, and shall thereafter disseminate the appropriate short and long range administrative guidelines or regulations necessary to implement and administer the District's energy awareness, management and conservation programs.

The Director of Schools shall monitor compliance with the following:

1) Maintenance of the learning environment shall always take precedence over energy conservation measures;

(2) The District shall amend its policies and action plans to as required to strive for continuing compliance with the most recent adoption of the American Society of Heating, Refrigeration and Air Conditioning /Engineers (ASHARE) Standards 90.1 (minimum standard for energy efficiency), 62.1 (minimum standard for indoor air quality) and 55 (minimum standard for human comfort).

## **ENERGY SAVINGS CALCULATIONS**

Proceeds from the Energy Efficiency Fund will be utilized to implement energy conservation measures. A percentage of the energy savings recognized will be re-invested into the facilities to continue developing energy conservation strategies and upgrade equipment. Energy savings will be calculated on a school year basis. Total energy consumption (electricity, water, gas, demand factors, etc.) will be analyzed and compared to previous years of operation to determine savings. Climatic temperature extremes, facility size, and student census will be included in the energy conservation savings analysis to establish baseline indices.

These calculations will become effective in the 2013-2014 fiscal year.

---

Legal Reference:  
T.C.A. §49-17-101 et. seq., Energy Efficient Schools Initiative (EESI) 2008