

Obion County Board of Education

Monitoring: Review: Annually, in October	Descriptor Term: Energy Use and Conservation	Descriptor Code: 3.207	Issued Date: 11/04/13
		Rescinds:	Issued:

1 **PURPOSE**

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

7 **STATEMENT OF POLICY**

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

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

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

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

28 The Director of Schools shall monitor compliance with the following:

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

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

5 **ENERGY SAVINGS CALCULATIONS**

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

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