

# Van Buren County Board of Education

Monitoring: <b>Review: Annually, in October</b>	Descriptor Term: <b>Energy Use and Conservation</b>	Descriptor Code: <b>3.211</b>	Issued Date: <b>12/12/13</b>
		Rescinds:	Issued:

1 **PURPOSE**

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

7 **STATEMENT OF POLICY**

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

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

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

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

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

- 32 (1) Maintenance of the learning environment shall always take precedence over energy conservation mea-  
33 sures;
- 34  
35 (2) District shall strive for continuing compliance with the most recent adoption of the American Society  
36 of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) Standards 90.1 (minimum  
37 standard for energy efficiency), 62.1 (minimum standard for indoor air quality) and 55 (minimum stan-  
38 dard for human comfort).
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**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.