Energy Management, Education and Conservation

The board recognizes the responsibility to develop and maintain programs to support the conservation of energy and natural resources. In recognition of this leadership responsibility, the district will strive to (a) institute effective energy management and (b) provide information and develop conservation attitudes and skills for the students it serves.

To achieve the objectives of the energy education program, instructional activities will be to change the student's perceptions of the supply and costs of natural resources which, in turn, will stimulate skill building to effect responsible conservation behavior in students.

The superintendent or designee is authorized to establish annual energy management goals, annual energy education goals. The superintendent or designed will make an annual evaluation report to the board.

Energy Conservation

In light of the increasing cost and dwindling supply of conventional energy sources, a life cycle cost analysis will be required of each major construction project. A life cycle cost analysis will include a description of:

- A. Insulation and heat retention factors;
- B. Variable occupancy and operating conditions to be incurred by the facility;
- C. Overall supply and demand of the facility's energy system and actual or potential utilization of outside energy sources, such as climate;
- D. Initial cost of energy plant; and
- E. An energy consumption analysis comparing alternative energy systems.

As part of its commitment to energy conservation, the district will consider the use of at least one renewable energy system such as solar energy, wind or wood or wood waste, geothermal, or other nonconventional fuels in any construction or renovation project.

Cross Reference: Board Policy 2020

Legal References: Chapter 39.35 RCW

Management Resources:

Policy News, October 2011

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