

## **Energy Conservation**

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

Board Policy 6810 Energy Management/Education

**Legal References:**

RCW 39.35 Energy conservation in design of public facilities

**Classification:**

**Adopted by the Board of Directors: 06/24/2010**

**Revised by the Board of Directors: N/A**