

## SCHOOL FACILITIES

### 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:

1. Insulation and heat retention factors.
2. Variable occupancy and operating conditions to be incurred by the facility.
3. Overall supply and demand of the facility's energy system and actual or potential utilization of outside energy sources, such as climate.
4. Initial cost of energy plant.
5. An energy consumption analysis comparing alternative 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.

Legal Reference: [RCW 39.35](#)

[WAC 180-30-405 through 408](#)

Energy Conservation in  
Design of Public Facilities  
Energy Conservation  
Program

Adopted: September 9, 1992