

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; and
5. An energy consumption analysis comparing alternative energy systems.

Legal References:	RCW 39.35	Energy conservation in design of public facilities
	WAC 180-30-406	Energy conservation program—Life cycle cost analysis

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