

## MANAGEMENT SUPPORT

### 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 non-conventional fuels in any construction or renovation project.

Cross Reference:	Policy 6810	Energy Management/Education
Legal Reference:	RCW 39.35	Energy conservation in design of public facilities

**Date: 11/24/03; 1/24/11; 3/16/23.**