

SAMPLE ISD Energy Conservation Policy
Approved by Sample ISD Board of Education
On May 13, 2008

Energy Conservation Statement:

SAMPLE ISD is committed to the conservation of energy and natural resources.

Energy Conservation Objectives:

- ◆ To provide a comfortable, safe, and healthy learning and working environment for students and staff members
- ◆ To improve energy efficiency and increase energy savings
- ◆ To increase awareness of the importance of energy conservation

Temperature and Humidity Control:

- a. SAMPLE ISD will maintain room temperatures in its facilities in accordance with the parameters described below. Exceptions to the temperature set points may be made on a case-by-case basis due to extreme weather conditions and isolated medical situations.

Room Temperatures:

	Heating	Cooling
<input type="checkbox"/> Classrooms, Computer Labs, Library, Band, Orchestra, Choir, Auditorium, & Offices	68 degrees	74 degrees
<input type="checkbox"/> Gymnasiums, Field house, Locker Rooms, Vocational Shops, Kitchens, Cafeterias, Corridors and Unoccupied Areas	68 degrees	76 degrees

The temperatures listed above are the points at which the system turns on to begin heating or cooling. Room temperatures will normally range one to two degrees above and below the set points.

Generally, when outside temperatures are above 55 degrees, cooling temperature ranges will be in effect. When outside temperatures are 55 degrees or below, heating temperature ranges will be in effect.

- b. Humidity levels will be maintained at 60 percent or less
- c. Seasonally adjust HVAC system start/stop times.

Water Conservation:

- a. Facility users will promote water conservation in building operations and during design of landscaping improvements.
- b. Landscaping will incorporate native plants to reduce water usage.
- c. Whenever practical, allow unused areas to return to natural habitat while at the same time maintain compliance with the landscaping recommendations of the Safe and Secure Schools Guidelines.

Equipment Requirements:

- a. New equipment will be energy star compliant where economically feasible.
- b. All vending machines will include have Energy Miser systems.
- c. All electrical powered equipment (office & class room) will be turned off when not in use. Equipment includes but is not limited to computers, printers, monitors, desk lamps, and radios.
- d. The following equipment will NOT be allowed in district buildings, outside of approved areas, without the approval of the Superintendent or his designee:
 1. Space heaters are not allowed by fire code.
 2. Ice machines will only be allowed in field houses, locker rooms, support departments (with outside-working personnel), kitchens & break rooms.
 3. Desk lamps are to be discouraged but, if used, the owner must furnish the compact fluorescents bulbs.
 4. Cooking & food storage equipment (such as refrigerators, microwave ovens, toaster ovens, etc.) are allowable only in break rooms, home economics class rooms, clinics (small refrigerators), or where the equipment is used only as part of the curriculum and in temporary use.

Lighting Energy Conservation:

- a. Motion sensors will be used for room lighting where applicable and cost effective; added in new construction and during major renovations.
- b. Stadium lighting will be turned on and off 15 minutes before the start to 15 minutes after the end of an event. Parking lights will be turned off 30 minutes after the end of an event.
- c. Lights will be removed from all vending machines.
- d. All lighting, except safety lighting, will be turned off 10 minutes after the building alarm is set.
- e. Show case lighting will be turned off with other lighting.
- f. Room lighting will be turned off when room is to be unoccupied for ten minutes or more.

School & Department Participation:

- a. Every student and employee will be expected to contribute to energy efficiency as an "energy saver".
- b. An energy conservation curriculum will be developed and implemented.
- c. An award plan will be developed to recognize and reward staff members and students at those facilities which meet or exceed energy conservation goals (electricity and natural gas use only).
- d. A portion of the savings generated by an organization will be returned to the organization in their budget.

Construction Standards:

All facility construction and renovation programs that require energy-related installations will be professionally reviewed. District standards for energy-efficient equipment, energy management controls, and lighting will be incorporated into the design of all new and renovated facilities. When cost effective and funds are available, the designs for all new or renovated facilities will meet or exceed the LEED Certified or the CHPS Verified standards.

Compliance with Education Code:

Adhere to state requirement to reduce energy consumption by 5% per year at current facilities for six years through the school year 2012-2013.