

ENERGY AND WATER MANAGEMENT CONSERVATION

The Governing Board recognizes the importance of minimizing the district's use of natural resources, providing a high-quality environment that promotes health and productivity, and effectively managing the district's fiscal resources. The Governing Board of Pasadena Unified School District embraces energy conservation and believes it to be our responsibility to ensure that every reasonable effort is made to conserve energy and natural resources while exercising sound financial management.

The Board has a desire for the Pasadena Unified School District to become a nationwide institutional leader in energy conservation as part of our social responsibility to respect our natural resources. To that end, the Superintendent or designee shall develop a resource management program which includes strategies for implementing effective and sustainable resource practices, exploring renewable and clean energy technologies, reducing energy and water consumption, minimizing utility costs, reducing the amount of waste of consumable materials, encouraging recycling and green procurement practices, and promoting conservation principles.

(cf. 3100 - Budget)

(cf. 3300 - Expenditures and Purchases)

(cf. 3511.1 - Integrated Waste Management)

(cf. 3512 - Equipment)

(cf. 6142.5 - Environmental Education)

The Board recognizes the importance of adopting an energy conservation policy to govern this program. The implementation of this policy will be the joint responsibility of the Board, administration, faculty, staff, students, and support personnel. Success is based on cooperation among all groups.

To ensure the overall success of our behavior-based energy conservation program, the following areas will be emphasized:

1. A designated campus Administrator will be accountable for energy conservation on his/her campus with Energy Manager teams conducting energy audits and providing timely feedback.
2. All personnel at each campus are expected to make a positive contribution to maximize energy conservation and produce real energy savings.

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3. The District will implement its energy conservation program primarily through an energy management team led by the Energy Manager(s) in accordance with “Energy Guidelines” that will be adopted by administration and will define the “rules of engagement” for our energy program.
4. Accurate records of energy consumption and cost will be maintained by the Energy Manager for each campus to provide verifiable performance results on the goals and progress of the energy conservation program.

Further, to promote a safe, healthy learning environment and to complement the energy conservation program, each campus shall review and adhere to the preventive maintenance and monitoring plan administered by the campus physical plant for its facilities and systems, including HVAC, building envelope, and moisture management.

Regular inspections of district facilities and operations will be made with recommendations for maintenance and capital expenditures which may help the district reach its conservation and management goals.

(cf. 7110 - Facilities Master Plan)
(cf. 7111 - Evaluating Existing Buildings)

The Superintendent or designee shall make every effort to identify funding opportunities and cost-reducing incentive programs to help the district achieve its conservation and management goals.

The Superintendent or designee shall biannually report to the Board on the district's progress in meeting its conservation and management goals.

Storm Water Management

The Board desires to ensure that, to the maximum extent practicable, the district reduce the discharge of pollutants into the water system in order to minimize the threat to water quality from storm water runoff. When the district has been designated by the State Water Resources Control Board or a regional water quality control board, the Superintendent or designee shall ensure that the district complies with applicable General Permit requirements.

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(cf. 3514 - Environmental Safety)

(cf. 3514.1 - Hazardous Substances)

(cf. 3514.2 - Integrated Pest Management)

If and when the district is designated by the State Water Resources Control Board or a regional water quality control board, a storm water management plan shall be developed and submitted with a resolution authorizing the implementation of the plan to the Board for approval. The district's plan shall describe best management practices, measurable goals, and timetables for implementation in the following areas:

1. Public education and outreach on storm water impacts
2. Public participation, such as participation in adoption and implementation of the plan
3. Illicit discharge detection and elimination, such as maps and programs to detect and eliminate illicit non-storm water discharges
4. Construction site storm water runoff control, such as reviewing construction plans, inspecting sites, and tracking construction site runoff, as well as erosion and sediment controls
5. Post-construction storm water management, such as developing design standards for preventing runoff and verifying proper maintenance and operation of control procedures
6. Pollution prevention and good housekeeping, such as evaluating waste disposal, material storage, and equipment-cleaning procedures and spill prevention, including at bus maintenance facilities

Legal Reference:

EDUCATION CODE

41422 - School term or session length, failure to comply due to disaster

46392 - Emergency conditions; ADA estimate

PUBLIC RESOURCES CODE

25410-25421 - Energy conservation assistance

WATER CODE

13383.5 - Storm water discharge monitoring requirements

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CODE OF REGULATIONS, TITLE 23

2200 - Discharge permit fees

UNITED STATES CODE, TITLE 33

1342 National pollutant discharge elimination system

CODE OF FEDERAL REGULATIONS, TITLE 40

122.1-122.64 - National pollutant discharge elimination system

Management Resources:

CALIFORNIA DEPARTMENT OF EDUCATION MANAGEMENT ADVISORIES

0118.01 - California's Energy Challenge

0706.90 - Water Conservation Advisory, 90-09

0222.90 Average Daily Attendance Credit During Periods of Emergency 90-01

WEB SITES

CSBA: <http://www.csba.org>

Alliance to Save Energy: <http://www.ase.org>

California Department of Education, Facilities: <http://www.cde.ca.gov/ls/fa>

California Energy Commission: <http://www.energy.ca.gov>

California State Water Resources Control Board: <http://www.swrcb.ca.gov>

Department of General Resources, Green California, Sustainable Schools:

<http://www.green.ca.gov/GreenBuildings/schools>

Policy

PASADENA UNIFIED SCHOOL DISTRICT

Adopted: October 11, 2011

Pasadena, California

Revised: March 13, 2012; June 26, 2012