

Regulation 3511: Energy And Water Management

Status: DRAFT

Original Adopted Date: Pending

In the development of the district's energy and water resource management program, the Superintendent or designee shall analyze the efficiency and environmental impact of, and consider strategies for improving, the following district systems:

1. **Lighting**
2. **Heating, ventilation, and air conditioning**
3. **Water heaters**
4. **Electrical equipment and appliances**
5. **Water use and irrigation, including drains, faucets, and pipes**
6. **Grounds management**

In addition, the district's resource management program may include strategies to address the following:

1. **Educational programs that focus on environmental literacy and incorporate the Next Generation Science Standards**
2. **Outdoor student facilities that are environmentally sustainable and include increased shaded areas to reduce playground temperatures**
3. **Classroom and building management and maintenance**
4. **Food services and food waste reduction**
5. **Landscaping practices, including establishing drought-tolerant habitats**
6. **Transportation services and maintenance**
7. **Inclusion of best practices for water management in new construction projects**
8. **Administrative operations that focus on cost reduction and conservation**
9. **Regular equipment maintenance and repair**

Storm Water Management

The Superintendent or designee shall implement a storm water management plan that complies with applicable state and federal law and local ordinances. The plan shall include best practices designed to reduce waste, pollution, environmental degradation, and damage to school facilities and infrastructure by:

1. **Incorporating water capture and filtration systems for storm water when necessary**
2. **Emphasizing school practices and school design that reduce runoff and human pollutants, such as plastics, oils, grease, metals, and pesticides**
3. **Preserving, creating, and enhancing natural areas and greenspace that aid in storm water and dry weather capture**
4. **Minimizing impervious surface area and controlling runoff from impervious surfaces**
5. **Utilizing, when possible, soils that promote infiltration**
6. **Incorporating storm water design signage features and learning opportunities for public education**

Emergency Interruption of Services

The Superintendent or designee shall consult with local law enforcement, emergency personnel, and the county office of emergency services in the development of strategies to be implemented in the event of power outages or other emergency interruptions of utility services. The strategies shall prescribe a means of notifying appropriate agencies to ensure all utilities are properly restored after interruption.

The Superintendent or designee shall reopen schools and return to normal instructional activities as soon as safe operations can be resumed. If any school will be closed for an extended period of time, the district shall make alternative arrangements for students and staff so as not to interrupt the educational program.

The Superintendent or designee shall communicate with staff, students, and parents/guardians regarding any interruption of educational services due to utility service outages, including any necessary alternative arrangements and the date or time that normal operations of the school are expected to resume.

Policy Reference Disclaimer:

These references are not intended to be part of the policy itself, nor do they indicate the basis or authority for the board to enact this policy. Instead, they are provided as additional resources for those interested in the subject matter of the policy.

State	Description
23 CCR 2200	Discharge permit fees
23 CCR 490-495	Model Water Efficient Landscape Ordinance
Ed. Code 17213.1	School sites

Ed. Code 17280	Construction of school buildings
Ed. Code 35275	Coordination of new facilities with recreation and park authorities
Ed. Code 46392	Emergencies
Gov. Code 53097	Compliance with city or county ordinances
Pub. Res. Code 25410-25422	Energy conservation assistance
Wat. Code 13383	Compliance with the federal Water Pollution Control Act
Wat. Code 13383.5	Storm water discharge monitoring requirements
Wat. Code 189.3	Recommendations for best design and use practices
Federal	Description
33 USC 1342	National pollutant discharge elimination system
40 CFR 122.1-122.64	National pollutant discharge elimination system
Management Resources	Description
CA State Water Res. Control Board Pub.	Guidance for Design and Construction of Vegetated Low Impact Development Projects, 2016
California Department of Education Publication	Guidance for Stormwater and Dry Weather Runoff CAPTURE (California Practices to Use Runoff Effectively) at Schools, December 2018
California Department of Education Publication	Average Daily Attendance Credit During Periods of Emergency, Management Advisory 90-01, rev. February 10, 2005
California Department of Education Publication	A Blueprint for Environmental Literacy: Educating Every Student In, About, and For the Environment, 2015
U.S. Environmental Protection Agency Publication	National Management Measures to Control Nonpoint Source Pollution from Urban Areas, 2005
Website	California Department of Water Resources
Website	California Division of State Architect
Website	Green School Yards America
Website	Alliance to Save Energy
Website	California State Water Resources Control Board
Website	California Stormwater Quality Association
Website	Collaborative for High Performance Schools
Website	California Energy Commission
Website	U.S. Environmental Protection Agency

Website [CSBA](#)

Website [California Department of Education, School Facilities](#)

Cross References

Code	Description
0200	Goals For The School District
0450	Comprehensive Safety Plan
0450	Comprehensive Safety Plan
1100	Communication With The Public
1150	Commendations And Awards
1330.1	Joint Use Agreements
1400	Relations Between Other Governmental Agencies And The Schools
3000	Concepts And Roles
3100	Budget
3100	Budget
3300	Expenditures And Purchases
3311	Bids
3311	Bids
3400	Management Of District Assets/Accounts
3400	Management Of District Assets/Accounts
3511.1	Integrated Waste Management
3511.1	Integrated Waste Management
3512	Equipment
3512-E PDF(1)	Equipment
3514	Environmental Safety
3514	Environmental Safety
3514.1	Hazardous Substances
3514.1	Hazardous Substances
3514.2	Integrated Pest Management
3516	Emergencies And Disaster Preparedness Plan
3516	Emergencies And Disaster Preparedness Plan

3516.5	<u>Emergency Schedules</u>
3540	<u>Transportation</u>
3540	<u>Transportation</u>
3551	<u>Food Service Operations/Cafeteria Fund</u>
3551	<u>Food Service Operations/Cafeteria Fund</u>
6142.93	<u>Science Instruction</u>
7110	<u>Facilities Master Plan</u>
7111	<u>Evaluating Existing Buildings</u>