Money, Money, Money for Green Projects

Green California Schools and Community Colleges Summit

October 30, 2015
Money, Money, Money for Green Projects:
State and Local Funding

Green California Schools Summit 2015  October 30, 2015  Pasadena, CA
William Savidge
K12 School Facilities
agenda

- State Funding
  - Strong state funding commitment to schools
    - Energy Efficiency & High Performance Incentive Grants
    - State funds exhausted—but, a new state bond on horizon!

- Local district bond funding
  - Local GO bond funds available
  - Setting local program priorities, engagement strategies to build green
  - Leveraging your Prop. 39 funds with local bond $

- Investor-owned Utilities energy efficiency programs
A strong local/state commitment to fund school facilities
State school facilities funding

### K-12 Education Facilities Bond Breakdowns ($35.4 billion)
Approved by Voters Since 1998

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>New Construction</td>
<td>$2,900,000,000</td>
<td>$3,350,000,000</td>
<td>$4,960,000,000</td>
<td>$1,900,000,000</td>
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<td>Modernization</td>
<td>$2,100,000,000</td>
<td>$1,400,000,000</td>
<td>$2,250,000,000</td>
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<td>Charter Schools</td>
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<td>High Performance Schools</td>
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<td>New Construction Backlog</td>
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<td>Modernization Backlog</td>
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<td>Critically Overcrowded Schools</td>
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<td>Class Size Reduction</td>
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<td><strong>Total K-12</strong></td>
<td><strong>$6,700,000,000</strong></td>
<td><strong>$11,400,000,000</strong></td>
<td><strong>$10,000,000,000</strong></td>
<td><strong>$7,329,000,000</strong></td>
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Source: Office of Public School Construction SAB Program Review Subcommittee Overview
State funds are exhausted…

- Very small amounts of state funds are available
- Districts should continue to file projects
- Even without funding these are accepted by OPSC
- Placed on the SAB Acknowledged List
- This helps to show the need for state funding
What’s the need for state funding?

- School district and county office facilities needs
  - No Charter Schools or special program needs included
- Projected New Construction need is over 10 year period
- Modernization need reflects only current eligibility—short term
- Assumes current program parameters, state/local shares

<table>
<thead>
<tr>
<th>Current and Projected State Funding Need</th>
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<tr>
<td>New Construction Projected</td>
<td>$3.54 billion</td>
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<td>Modernization Projected</td>
<td>$4.55 billion</td>
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<tr>
<td>New Construction Pipeline</td>
<td>$ 937 million</td>
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<td>Modernization Pipeline</td>
<td>$ 579 million</td>
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<tr>
<td>Total Current &amp; Projected</td>
<td>$9.6 billion</td>
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Help on the way…

- An initiative has qualified for 2016 ballot
- CASH/CBIA
- $9 billion for K-14
  - $2 billion Community Colleges
  - $7 billion K-12
    - $3 billion New Constr.
    - $3 billion Modernization
    - $500 million Charters
    - $500 million Career Tech

The initiative contains no targeted funds for high performance schools, however, the availability of an ongoing source of facilities funding for major projects is critical!
Local K-12 General Obligation bond funding

- The real money to make every school a green school!
  - Making a difference, focusing districts on incorporating high performance elements is the challenge

- Clear challenges
  - Often local bonds are inadequate to fund all identified need in the district
    - And in the absence of state funding this is even more of an issue
  - There are significant competing priorities
    - Structural upgrades, access compliance, life safety systems
    - Educational adequacy renovations, technology, basic finishes & systems upgrades
Local K-12 General Obligation bond funding strategies

- Reference/incorporate high performance requirements in the local bond measure

### EXHIBIT A
FULL TEXT OF PROPOSITION
SAN DIEGO NEIGHBORHOOD SCHOOLS
CLASSROOM SAFETY AND REPAIR MEASURE OF 2012

**Energy Efficiency and Sustainability**
- Install energy efficient (LED/fluorescent) lighting systems with occupancy sensors,
- Install solar lighting systems,
- Increase building insulation and dual-pane windows,
- Replace older inefficient mechanical and central controls systems with energy efficient systems,
- Purchase and install solar panels and other devices to generate electricity from sunlight where feasible,
- Install innovative systems to produce energy and/or reduce consumption,
- Install recycled water systems for irrigation and make connections to recycled water supplies for irrigation purposes where feasible, and
- Install water saving efficient toilets and fixtures.
Local K-12 General Obligation bond funding strategies

- Incorporate sustainability as a key component in district master planning for facilities bonds
- Requires significant commitment from school board and district administration
- Board supporting resolutions—set strong district policy
- Buy-in from senior staff is critical
  - Especially facilities and maintenance teams
- Sustainable schools as a complimentary element to basic upgrades, educational adequacy upgrades
Sustainable Facilities Master Plan

Environmental Stewardship - Approach

**Sustainable Sites**
- Create safe and welcoming schools
- Manage stormwater/erosion control
- Improve outdoor surfaces & spaces

**Materials & Resources**
- Extend life-cycle of existing building materials
- Promote use of sustainable materials
- Reduce wasteful environmental impacts

**Water Efficiency**
- Maximize efficient irrigation systems
- Promote reduction of potable water usage.

**Indoor Environmental Quality**
- Optimize lighting efficiency and functionality
- Improve day-lighting
- Address sound acoustics to improve learning

**Energy & Atmosphere**
- Optimize energy efficiency/performance
- Improve comfort of interior spaces
- Reduce environmental impact
- Reduce operating costs

**Leadership, Education & Innovation**
- To optimize facilities to align with Strategic Plan
- To address Common Core Standards impacts
- To engage Family’s & Communities

Source: NTD Architects “Sacramento City USD Sustainable Facilities Master Plan”
Local K-12 General Obligation bond program strategies

Replacement campuses as a strategy for district bond programs provide a unique opportunity for sustainability. Ability to reconfigure/reorient buildings for daylighting. Significant ability to build heavily insulated envelopes, incorporate all new high-efficiency systems. Full new site planning and development with sustainable features.
Leveraging local bond funds with Prop. 39 funds

- “Going deeper” and getting beyond the low-hanging fruit
- Integrate Prop. 39 project applications into your local bond funded projects
  - Example: Prop. 39 planning grants may not be sufficient for intensive design elements for deeper retrofits—use bond funds to supplement.
- Major bond funded modernizations
  - Can structure Prop. 39 project funds to be a scope & budget supplement
Investor-owned Utilities programs

- Energy efficiency programs, rebates, assistance
- Total funds statewide over $1.4 billion last year
  - This includes both residential and non-residential (schools)
- Check out the *Database of State Incentives for Renewables and Efficiency (DSIRE)*
  - CA: 196 total programs

http://programs.dsireusa.org/system/program?state=CA
IOU’s energy efficiency programs

- Savings by Design
  - PG&E, SCE, SDG&E, SoCal Gas, SMUD
- The primary schools program from the IOU’s
- New construction, major renovations
- Whole building approach or systems approach
- Building owners and design team incentives
- Leverage this funding with your local bonds & state funds (when they return!)

SBD offers owner incentives and design team incentives. Owner incentives include separate 20% bonus for end-use monitoring and 10% bonus for enhanced commissioning. Max. per project: $150,000
Investor-owned Utilities programs

### Targeted rebate programs
- Financial incentives for efficiency upgrades
  - Lighting, HVAC, refrig., controls, building shell
- Prescriptive rebates
  - For upgrading to more efficient systems
  - Lighting, HVAC, water heaters, refrig., motors
- Retro-commissioning programs

### Demand Mgmt. Rate Programs
- PG&E, SDG&E, SCE
- Statewide programs
- You should already be participating!
- Automated Demand Response
- Base Interruptible Program
- Time varying price, Critical Peak Pricing programs

Large number of other programs, specific to local utility and area.
In short...

- Be flexible
- Look under every rock—there is money out there
- Leverage, leverage, leverage!
- And support the new statewide bond initiative
  - November 2016 ballot
Money, Money, Money for Green Projects

Financing Alternatives for Solar/Energy Efficiency Projects

October 30, 2015

Contact Information

John R. Baracy, Managing Director
Stifel, Nicolaus & Company, Incorporated
515 South Figueroa St. Suite 1800 — Los Angeles, CA 90071
Phone: (213) 443-5025 — Email: jbaracy@stifel.com
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Common Financing Alternatives

- Weighing Option of Power Purchase Agreement vs. Direct Purchase
- Direct Purchase Financing Alternatives
  - Qualified Zone Academy Bonds (QZABS)
  - Clean Renewable Energy Bonds (CREBS)
  - Lease Purchase Agreements (LPAS)
  - General Obligation Bonds (GO)
QZAB Summary

- Federal Tax Credit Bond for K-12 schools
- $20mm Currently Available from CA Department of Ed

Important Variables:
- Approving Board Resolution
- Project must reside in at least 35% free and reduced lunch zone
- Minimum Project Definition (Spending Plan)
- Project must be modernization not new construction (solar and energy efficient projects qualify)
- Academy Educational Plan(s)
- Private Contribution Letter (New Information – 5% match required vs. 10% match)
CREB Summary

- Federal Subsidy or Tax Credit Bond for local governments with qualifying Renewable Generation Projects
- $432 MM Available Nationally – First Come/First Serve Application Basis of Award
- Important Variables:
  - Board authorization of CREB application
  - Financing Plan & Schedule
  - Project Spending Plan & Detailed Budget
  - Engineer’s Certificate
- Once Allocation Awarded, District has 180 days to “use or loose”
LPA Summary

- Structured as a general fund obligation or non-voter approved debt
- No limit as to project size and there is no application process to a federal or state agency to issue debt
- However, District must follow the 17150 announcement process to local County Office of Education and Auditor Controller of intent to issue non-voter approved debt
- District must pledge an asset of equal or greater value of the project to facilitate the lease purchase structure
- Savings generated from installing the solar or energy efficient projects offset financing debt service cost
GO Bonds Summary

- Voter approved debt and project list created
- Benefit: is 100% of the cost of the repayment of the financing is transferred to District taxpayers, not general fund thus 100% of general fund payment realized vs. other common financing tools
- Negative: there are only certain dates of which a District can go out for a bond, 2016 being a major California K-12 Bond Election year (June and November)
- District must adhere to all reporting requirements (Citizen’s Oversight Committee) and legal requirements (tax rate limits, other) to Proposition 29 (2000) once bonds are issued
Summary/Considerations

- What is the best financing solution given the variables in my school district?

- Weigh the options (cost/time)

- What is most politically feasible?
John R. Baracy is a Managing Director in the Los Angeles public finance office of Stifel. Mr. Baracy began his public finance career in 1994 and has experience in all facets of the municipal finance business. He specializes in the management, structuring and sale of California and Arizona K-12 Education and Community College District new money and refunding general obligation bonds, certificates of participation, tax credit bonds, Mello-Roos bonds and tax and revenue anticipation notes. In addition to managing the introduction of these financings into the market, Mr. Baracy performs debt capacity, general obligation bond tax rate and credit analyses, charter school finance analyses, California K-12 education finance legislation analyses, and evaluates the investment of bond proceeds. Throughout his career, he has completed more than 380 financings totaling over $8.5 billion.

Mr. Baracy graduated with a Bachelor of Science degree from Arizona State University with an emphasis in Finance. Mr. Baracy maintains his Series 7 and 63 licenses with FINRA and frequently presents for California K-12 school district advocacy groups such as C.A.S.H., CASBO, CSBA and CALSA.
Proposition 39
Update

Anna Ferrera
Executive Director
School Energy Coalition

1303 J Street, Suite 520
Sacramento, California 95814
916.441.3300
aferrera@m-w-h.com
www.schoolenergysolutions.org
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FOR GREEN PROJECTS

GREEN CALIFORNIA SCHOOLS & COMMUNITY COLLEGE SUMMIT
OCTOBER 30, 2015

NOEMI AVILA-ZAMUDIO
SADDLEBACK VALLEY UNIFIED SCHOOL DISTRICT
24 Elementary Schools
4 Intermediate Schools
4 Comprehensive High Schools
1 Continuation High School
1 Special Education 7-12 School
5.1 Million SQ FT of Field Area
117 Acres
12 Sites on Reclaimed Water
22 Sites on Potable Water
INSTITUTED BEST PRACTICES

EDUCATE

- Educate and Involve Staff and Community
- Work Closely with Local Cities and Water Districts

MANAGE

- Use Smart Technology to Monitor and Manage Irrigation Systems

MAINTAIN

- Address Leaks Within 24 Hours
- Periodic System Checks and Operational Adjustments
- Use Mulch to Minimize Soil Evaporation

MONEY, MONEY, MONEY FOR GREEN PROJECTS
## Current Local Rebate Programs

(MWDOC)

<table>
<thead>
<tr>
<th>Program/Device</th>
<th>Rebate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smart Watering Clocks</td>
<td>Up to $35 per station</td>
</tr>
<tr>
<td>Soil Moisture Sensors</td>
<td>Up to $35 per station</td>
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<tr>
<td>Low Use Rotating Nozzles</td>
<td>$4 per nozzle</td>
</tr>
<tr>
<td>Low Use Large Rotating Nozzles</td>
<td>$13 per set</td>
</tr>
<tr>
<td>In Stem Flow Regulators</td>
<td>$1 Each</td>
</tr>
<tr>
<td>Drip Irrigation</td>
<td>$.20 per square foot</td>
</tr>
<tr>
<td>Turf Removal</td>
<td>$2 per square foot</td>
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</table>
SEEK JOINT PARTNERSHIPS

MONEY, MONEY, MONEY FOR GREEN PROJECTS
LAGUNA HILLS HIGH SCHOOL CASE STUDY

MONEY, MONEY, MONEY FOR GREEN PROJECTS
Turf Removal Program

- Joint-Use Partnership With Local City
- Drought Partnership With Local Water Districts
- Removed Over 300,000 SQ FT of Natural Fields

Money, Money, Money for Green Projects
LAGUNA HILLS HIGH SCHOOL AFTER

MONEY, MONEY, MONEY FOR GREEN PROJECTS
PROPOSITION 39: CLEAN ENERGY JOBS ACT

Funds for local schools to make energy saving upgrades to their facilities

MONEY, MONEY, MONEY FOR GREEN PROJECTS
Financial Summary:

- Total Facility Improvements – $2.04M
- First Year Savings – $229K
- Lifecycle Savings - $5.61M

Scope Summary:

- Lighting Upgrades at 8 Sites
- Building Automation System (BAS) Upgrades at 6 Sites
- Mechanical Improvements at 2 Sites
PROP 39 PROGRAM GOALS

- Upgrade Existing Facilities & Systems
  - Interior & Exterior Lighting
  - Heating & Cooling Equipment
  - Building Automation Control

- Improve Efficiency/Generate Savings

- Reduce Maintenance Costs & Capital Needs

- Improve Building Comfort & Safety

- Cut Energy Usage & Pollution
**Prop 39 Program Challenges**

- Shorter-Payback Energy Measures Already Implemented
  - Completed Phase I Energy Project Prior to Prop 39
- Limited Heating & Cooling Runtimes
- Heavy Heating & Cooling Needs

**Money, Money, Money for Green Projects**
**Prop 39 Program Details**

2014-Phase II Energy Project (Years 1 & 2 of Prop 39 Allocation)

**Financial Summary:**
- Total Facility Improvements – $1.98M
- First Year Savings – $172K
- Lifecycle Savings - $4.45M
- Funded Energy Manager

**Scope Summary:**
- Lighting Upgrades at 7 sites
- Pool Pump VFDs with Smart controls at 3 Sites
- Mechanical Improvements at 2 Sites
- Building Automation System (BAS) Upgrades at 2 Sites

**MONEY, MONEY, MONEY FOR GREEN PROJECTS**
PROJECT BENEFITS

- Substantial Energy Savings
- Unrestricted General Fund Relief
- Improved Classroom Environment
- Avoided Future Capital Expenditures
- Reduced Maintenance Cost
- Funded Energy Manager
**Energy Program Benefits**

- Over $4M in Infrastructure Improvements
- $400k in Annual Operating Savings
- 1,245 MWh Annual Reduction

- Environmental Equivalent of:
  - Removing 174 Cars Off the Road
  - Saving 94,501 Gallons of Gasoline
  - Preserving 24,910 Trees from Deforestation
  - Powering 125 American Homes

**Money, Money, Money for Green Projects**
Drought Response Outreach Program for Schools
DROPS ELIGIBLE PROJECT TYPES FOR SCHOOLS

• Installing rain gardens, bioswales, tree boxes, subterranean infiltration systems, and other stormwater capture systems that maximize/leverage stormwater recharge
• Installing rooftop rainwater catchment systems (rain barrels, cisterns)
• Redirecting stormwater runoff from the Santa Ana Riverbed to regional aquifers.
3M’s for Green Projects

• The CA State Water Resources Control Board (State Water Board), Division of Financial Assistance (DFA), developed Drought Response Outreach Program for Schools (DROPS).

• DROPS focus is on projects that address:
  • Stormwater Pollution
  • Water Quality Improvement
  • Water Conservation
  • School Site Beautification
  • Greenhouse Gas Reduction
  • Energy Savings
  • Student Education
  • Community Outreach

• Original funding was estimated to be approximately $25 million. Final approved funding: $30,320,389
Pervious pavement: 4-6” (10 - 15 cm) of porous asphalt

Choker Course: 4”-8” (10 – 20 cm) minimum

Filter Course: 8” - 12” (20 - 30 cm) minimum thickness of subbase (aka. bank run gravel or modified 304.1)

Filter Blanket: intermediate setting bed: 3” (8 cm) thickness of 3/8” (1 cm) pea gravel

Reservoir Course: 4” (10 cm) minimum thickness of 3/16” (2 cm) crushed stone for frost protection. 4-6” (10-15 cm) diameter perforated subdrains with 2” cover

Optional-Liner for land uses where infiltration is undesirable (e.g., hazardous materials handling, sole-source aquifer protection)

Native materials

Porous Asphalt
Monitoring & Performance
FONTANA USD WATERSHED EDUCATION INITIATIVE
LOW IMPACT DEVELOPMENT DESIGN

- DROPS Funding Resource: Proposition 13, 40 and 50
- Impact Development (LID) features at three Fontana Unified School District (USD) school campuses. The campuses include: Date Elementary School, Southridge Middle School, and Kaiser High School.
- Planned LID features are listed in the table below:

<table>
<thead>
<tr>
<th>School Campus</th>
<th>Bioretention</th>
<th>Permeable Pavement</th>
<th>Replace Impervious with Bioretention</th>
<th>Replace Impervious with Pervious Landscape</th>
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<tr>
<td>Date Elementary School</td>
<td>10</td>
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<td>2</td>
<td>1</td>
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<tr>
<td>Southridge Middle School</td>
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<td>2</td>
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<td>Kaiser High School</td>
<td>8</td>
<td>2</td>
<td>3</td>
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<td><strong>TOTALS</strong></td>
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<tr>
<th>PIN</th>
<th>Region</th>
<th>Project Title</th>
<th>Applicant</th>
<th>Grant²</th>
<th>Match</th>
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<td>29717</td>
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<td>Sinkin' the Stormwater in Humboldt County</td>
<td>Northern Humboldt Union High School District</td>
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<td>29813</td>
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<td>Anderson Valley Unified Schools LED Retrofit Program</td>
<td>Anderson Valley Unified School District</td>
<td>$124,432</td>
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<td>DROPS - OPS (Oakland and Piedmont Schools)</td>
<td>STOP/Waste</td>
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<td>Downtown College Preparatory Native Landscapes and Bioswale Project</td>
<td>Downtown College Preparatory²</td>
<td>$164,280</td>
<td>$33,120</td>
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<td>Bay View Elementary School and Water Conservation Retrofit</td>
<td>Santa Cruz City Schools</td>
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<td>$637,732</td>
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<td>Atascadero Junior High School Storm Water Management</td>
<td>Atascadero Unified School District</td>
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<td>UMUSD Ground Water Recovery Projects</td>
<td>Lucia Mar Unified School District</td>
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<td>Paso Robles Joint Unified School District LED Project</td>
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<td>Rancho El Chorro Water Conservation, Reservoir, and LED Project</td>
<td>San Luis Obispo County Office of Education</td>
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<td>Hill Rogers Learning Community SW Capture, WE Improvement &amp; WS Education</td>
<td>Santa Monica-Malibu Unified School District</td>
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<td>Schurr High School</td>
<td>Montebello Unified School District¹</td>
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<td>USD DROPS Stormwater Pollution Reduction and Retention Project</td>
<td>Los Natos School District²</td>
<td>$124,999</td>
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<td>Project CLEAR (Constructing LED Envirionments, Awareness and Resources)</td>
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<td>Grizzly Hill Stormwater Management Project</td>
<td>Twin Rivers Elementary School District²</td>
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<td>Regional Stormwater Learning Lab Project</td>
<td>Butte County Office of Education³</td>
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<td>$62,771</td>
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<td>Grant Union High School's Pacer Quad</td>
<td>Twin Rivers Unified School District</td>
<td>$725,703</td>
<td>$262,951</td>
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<td>Clearwater Project: A Stormwater Water Regenerative Program</td>
<td>Pero Elementary School District¹</td>
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<td>Katella High School Stormwater Capture Project</td>
<td>Anaheim Union High School District¹</td>
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<td>Rio Vista Elementary School</td>
<td>Placentia-Yorba Linda Unified School District²</td>
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<td>Temecula Valley Unified School District</td>
<td>$560,150</td>
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¹ 100% Disadvantaged Schools in Project
² - Subject to change by the Deputy Director of the Division of Financial Assistance
³ Total (without LAUSD) $25,320,389 $15,866,979 $41,186,368

Los Angeles Unified School District Total $5,000,000 $3,210,048 $8,210,048

TOTALS $30,320,389 | $19,076,026 | $49,396,415

100% Disadvantaged Schools Total $12,532,629

100% Disadvantaged Schools Percent of DROPS Funding: 43%

How do I get here? “Award!”
This is a message from the State Water Resources Control Board.

To All Interested Parties:

The Drought Response Outreach Program for Schools (DROPS) Guidelines were adopted by the State Water Resources Control Board (State Water Board) on August 19, 2014 and are now available online: www.waterboards.ca.gov/drops.

The DROPS application period is anticipated to open September 8, 2014 and close January 15, 2015. A Solicitation Notice will be posted on the DROPS webpage with directions on how to submit applications via the State Water Board’s Financial Assistance Application Submittal Tool (FAAST).

The State Water Board, Division of Financial Assistance is currently developing an introductory webinar on Low Impact Development (LID) for schools and application assistance workshops. Several workshops will be held throughout the State beginning in September, and webcasts will be made available for those applicants who cannot attend the workshop in-person.

Please stay tuned for additional information regarding the posting of the Solicitation Package, and the dates and locations of the upcoming workshops.

For more information, please contact Leslie Laudon, Bonds Section Manager (Leslie.Laudon@waterboards.ca.gov or 916-341-5499) or Jeffrey Albrecht (Jeffrey.Albrecht@waterboards.ca.gov or 916-341-5717).

You are currently subscribed to school_drought_grant as: glenem@fusd.net.

To unsubscribe click here: leave-2630864-2196253.5fa8010344bfb3b0129ce3ef45abda2b@swrck18.waterboards.ca.gov.
1. Visit the DROPS, or similar (i.e. CEC, SCAQMD) website: http://www.waterboards.ca.gov/drops
2. Locate the email signup link in the Announcements section for the “School Drought Grant Program”
3. Alternatively, you can go straight to the SWRCB email signup page: http://www.waterboards.ca.gov/subscribe
4. Complete the brief information requested:

![Email List Subscription Form]

5. Browse the categories (if applicable)
6. Select one or more email list(s) and check the box next to your selection(s)
7. Click on the "subscribe" button
8. Once you receive the “Welcome” email notice, respond to the message(s) to confirm your membership.
Email List Subscription Form

Become a member of one or more of our email lists, and receive periodic announcements and updates by email.

Email Address: [glenem@fusu.net](mailto:glenem@fusu.net)
Your Full Name: Errol M. Glenn

Subscribe

Browse The Categories
1. Receive Grant Program Announcement
2. Review Grant Draft and Final Guidelines (Read the Small Print)
3. Forward Grant Opportunity Up Your Chain-of-Command for Review/Approval
4. Attend Grant Workshop(s) Either In-Person or On-Line
   1. The State Water Resources Control Board (State Water Board) conducted a WebEx seminar on November 14, 2014 to discuss concept-level design development for common Low Impact Development (LID) strategies in support of the Drought Response Outreach Program for Schools (DROPS). The WebEx focused on LID concepts, such as bioretention, biostorms, rain gardens, and permeable pavements along with other proposal considerations.
   2. The State Water Resources Control Board (State Water Board) conducted a local workshop in Downey, CA to discuss the same concepts as the WebEx for DROPS.
5. Develop a Team to Assist with the Grant Writing Process
6. Develop Plan with Team Members
7. Evaluate/Understand the Grant Scoring Criteria
8. Generate a Comprehensive Report Including Concept-Level LID Project Design(s) Utilizing On-Line Tools (SWRCB Website)
   1. Facility Site Location (i.e., where to locate your LID project)
   2. Site LID Staging Calculations (LID Staging Tool developed by the California State University, Sacramento, Office of Water Programs)
9. Estimate Water Quality Benefits Utilizing On-Line Tools ((e.g., Stormwater Volume Infiltrated, Pollutant Removal, etc.))(CSUS OWP Website)
10. Conduct Site Visits with Eligible LID Architects
11. Determine Estimated Project Costs, Budget, Maintenance & Operations Plan, Education and Outreach Program Development
12. Develop Overall Project Timeline, for the Term Length of the Grant
13. Applications for the DROPS Grant was due January 15, 2015 by 5:00 pm PST. Plan Accordingly! (i.e. Christmas Vacation, Team Member Schedules, etc.)
14. Patience...
15. FUSD was Notified on May 28, 2015 of the $2M Grant Award.
DROPS SCORING CRITERIA

30 Points: Technical
35 Points: Education & Community Involvement
10 Points: Budget
10 Points: Readiness & Schedule
5 Points: Maintenance & Operations
5 Points: Monitoring, Assessment, Performance
5 Points: Multiple Benefits
3M’S FOR GREEN PROJECTS: FUTURE FUNDING

• The Executive Director of the State Water Resources Control Board (State Water Board) approved the DROPS Funding List on May 22, 2015. The selection process was highly competitive with numerous applications effectively combining stormwater capture projects with education and outreach to create learning opportunities for students and teachers at each school. The total requested funding amount greatly exceeded the available grant resources, and the SWRCB was only able to fund those projects that best met the evaluation criteria.

• The DROPS grant program was developed as a one-time funding program targeted specifically to K-12 schools. While there are no current plans to offer this type of directed funding in the future, the State Water Board does have funding through Proposition 1 for stormwater grants.

• For other current and future grant funding opportunities offered through the State Water Board, please visit the following website: http://www.waterboards.ca.gov/water_issues/programs/grants_loans/
## FUSD’s 3M’s for Green Projects

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>SCAQMD LESBRP (Grant)</td>
<td>$361,000.00</td>
</tr>
<tr>
<td>CEC ARFVTP (Grant)</td>
<td>$500,000.00</td>
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<tr>
<td>P39 (Grant)</td>
<td>$10,000,000.00</td>
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<tr>
<td>SWRCB DROPS (Grant)</td>
<td>$2,000,000.00</td>
</tr>
<tr>
<td>SCE ReLamp Project (Grant)</td>
<td>$100,000.00</td>
</tr>
<tr>
<td>PowerSave Program (Grant)</td>
<td>$120,000.00</td>
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**FUSD Energy Management Team Project Totals:** $13,081,000.00

(Includes District Match Contributions(-$))
# FUSD’s 3M’s for Green Projects

<table>
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<tr>
<th>Project</th>
<th>Cost</th>
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<tbody>
<tr>
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<tr>
<td>SCAQMD LESBRP (Grant)</td>
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<td>CEC ARFVTP (Grant)</td>
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<td>P39 (Grant)</td>
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<td>$100,000.00</td>
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<tr>
<td>PowerSave Program (Grant)</td>
<td>$120,000.00</td>
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</table>

**FUSD Energy Management Team Project Totals:** $88,206,625.00

(Includes District Match Contributions(-$))
FUSD will receive $2 million grant to help with water conservation

Fontana Unified School District has been awarded a $2 million grant to help with water conservation. The money will be provided through the Drought Response Outreach Program for Schools (DROPS), which is funded by the California State Water Resources Control Board.

In partnership with California State Polytechnic University, Pomona School of Landscape Architectures' Dr. Lee-Anne Milburn and the Inland Empire Resource Conservation District, FUSD will be developing low-impact development (LID) water conservation projects on three school sites within the district.

These projects will beautify the campuses of Date Elementary School, Southridge Middle School and Henry J. Kaiser High School while providing creative and interactive, grade-level appropriate learning experiences for the students.

FUSD Superintendent Dr. Leslie Boozer expressed her gratitude to the commitment of the community based organizations as well as Cal Poly Pomona, saying, “We are so grateful to this new funding collaborative for investing time and energy into this important conservation effort. Our students will be inspired to become a new generation of environmental stewards through this work.”

FUSD was one of three districts in San Bernardino and Riverside counties awarded the DROPS grant, receiving the highest level of funding in the state along with Anaheim Union High School District.
THANK YOU