



California Energy Commission



Proposition 39 K-12 Program Charter School Workshop

Los Angeles County Office of Education
November 9, 2016



Agenda

- **General Overview and Program Highlights**
- **Charter School Eligibility**
- **Program Accomplishments**
 - Program Metrics
 - LEA Participation
- **How to Participate**
- **Resources**
- **Questions/Answers**



Background Information

- Legislative Authority
 - Proposition 39 - November 2012
 - Enabling legislation, Senate Bill 73, June 2013
 - Proposition 39 Implementation
- Objectives
 - Create energy efficiency and clean energy jobs in California
 - Leverage existing energy efficiency and clean energy programs to increase economic and energy benefits
 - K-12 Schools
 - CA Community Colleges Chancellor's Office (CCCCO)





Who is Eligible for Funding?

- Local Education Agencies (LEAs)
 - ✓ California Public Schools (K-12)
 - ✓ County Offices of Education
 - ✓ Charter Schools
 - ✓ State Special Schools





Eligible Energy Efficiency Measures

- Lighting Systems
- Heating and Air-Conditioning Modifications (*HVAC*)
- Pumps and Motors
- Building Insulation
- Thermostats
- Plug Loads
- Clean Energy Generation





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Proposition 39 Appropriations

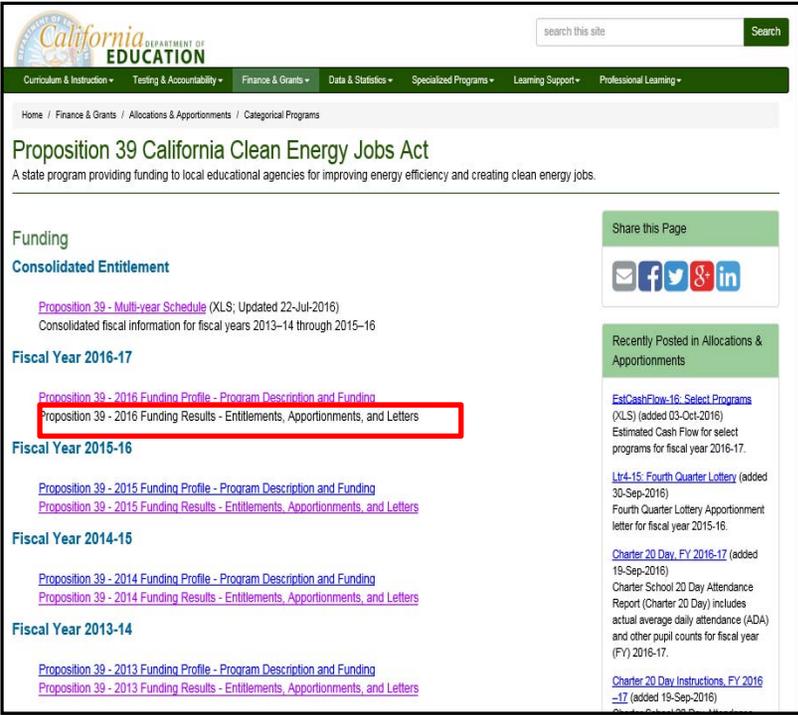
| | FY 2013/14 <i>(in millions)</i> | FY 2014/15 <i>(in millions)</i> | FY 2015/16 <i>(in millions)</i> | FY 2016/17 <i>(in millions)</i> | TOTALS <i>(in millions)</i> |
|---|------------------------------------|------------------------------------|------------------------------------|------------------------------------|--------------------------------------|
| K-12 Program (CDE/CEC) | \$381 | \$279 | \$313 | \$399 | \$1.37 <i>(in billion)</i> |
| Community College Districts | \$47 | \$39 | \$39 | \$49 | \$174 |
| ECAA – (0% loans & technical assistance) | \$28 | \$28 | \$0 | \$0 | \$56 |
| California Conservation Corps | \$5 | \$5 | \$5 | \$6 | \$21 |
| California Workforce Development Board | \$3 | \$3 | \$3 | \$3 | \$12 |
| TOTALS | \$464 | \$354 | \$360 | \$457 | \$1.63 <i>(in billion)</i> |



CDE Allocation Listing

Question: How do I find my charter school Prop 39 funding allocation?

Answer:  Click on 2017 Funding Profile at:

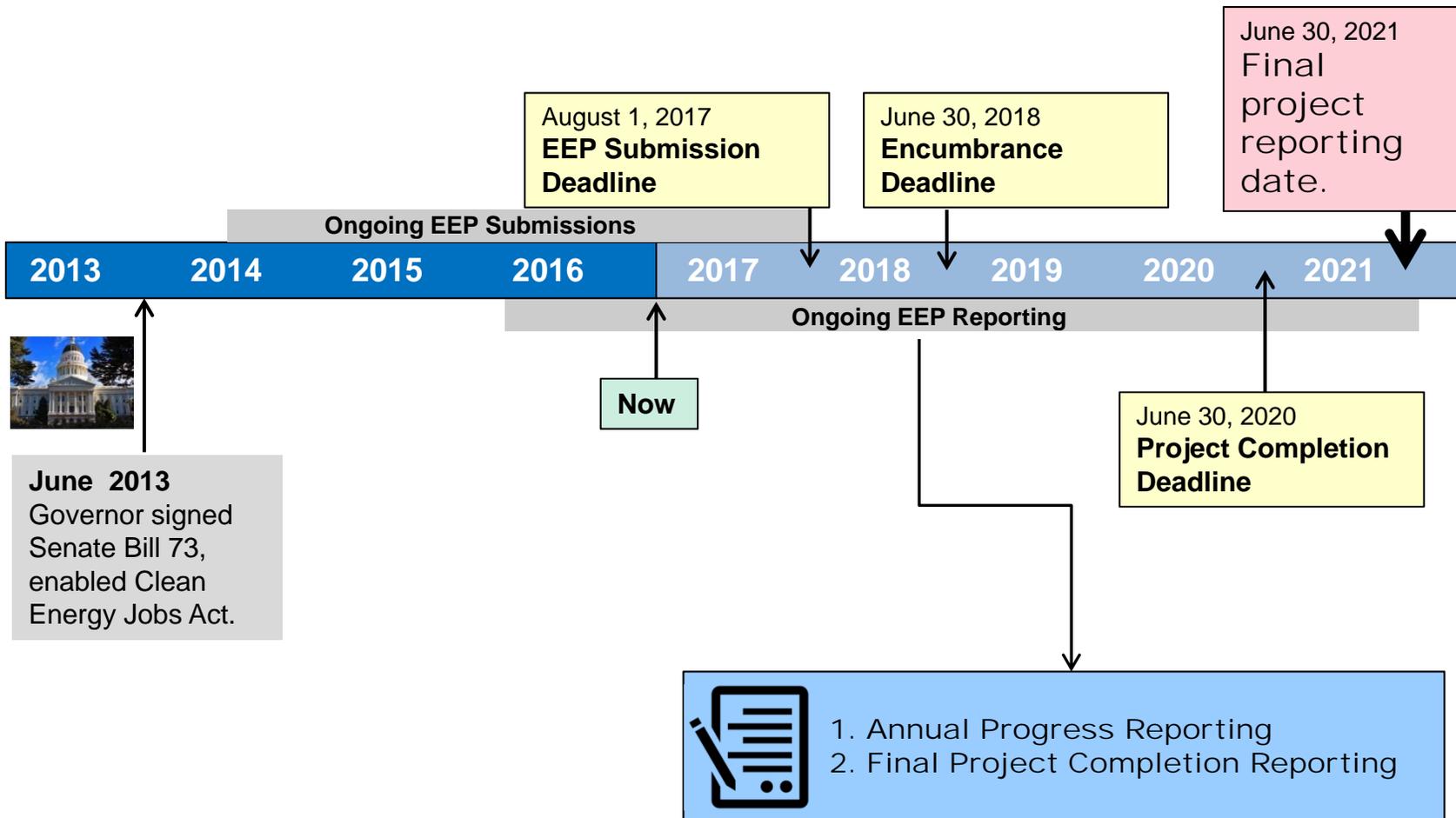


<http://www.cde.ca.gov/fg/aa/ca/prop39ccej.asp>

Questions: Thi Huynh | prop39fiscal@cde.ca.gov | 916-324-4555



K-12 Program Timeline



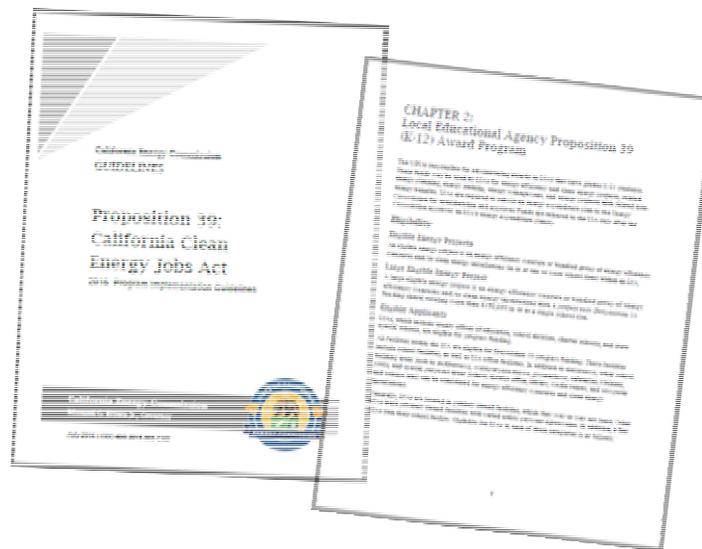


Charter School Eligibility

Types of Charter Schools Ownership

- 1) Publicly Owned Leased Facilities
- 2) Privately Owned Leased Facilities
- 3) Privately Owned Facilities

*See Program Guidelines:
Chapter 2 -
Eligibility (Pages 5-7)*





Publicly Owned Leased Facilities

Charter Schools that lease a publicly owned facility, for example from a public K-12 school district, follow the general Proposition 39 program cost-effectiveness Savings to Investment Ratio (SIR) criteria





Publicly Owned Leased Facilities

Common Charter School Question:

Question: Can a charter school apply part, or all, of its Proposition 39 award to fund energy improvements in the publicly owned facility spaces that it shares with another LEA (i.e. multipurpose room, library, office space)?

Answer: Yes



Publicly Owned Leased Facilities

But Remember...

- ✓ Coordinate the Energy Expenditure Plan project with the other LEA
- ✓ Each LEA is required to submit a separate Energy Expenditure Plan application
- ✓ No double dipping
- ✓ No split-funded measures



Privately Owned Leased Facilities

- Must meet the cost-effectiveness criteria: Savings to Investment Ratio (SIR).

And

- If the charter school has not renewed its charter term at least once prior to applying for Prop 39 funding, an additional cost-effectiveness criteria applies:
 - The eligible energy project must also have a simple payback within the remaining period of the “charter contract term”



Privately Owned Leased Facilities

- Building Owner Written Certification to Transfer Energy Cost Savings to LEA *if*:
 - An LEA leases a privately owned facility or building that does not have a separate meter
 - or
 - An LEA leases a privately owned facility or building, and the lease payment includes the utility cost



Privately Owned Facilities

- Charter Schools may own their school building(s) and apply for Proposition 39 funding, following the general Proposition 39 program cost-effectiveness Savings to Investment Ratio (SIR) criteria.





Privately Owned Facilities

Again...

- If the charter school has not renewed its charter term at least once prior to applying for Prop 39 funding, an additional cost-effectiveness criteria applies:
 - The eligible energy project must also have a simple payback within the remaining period of the “charter contract term”



Examples: Short Simple Payback Energy Measures

Lighting measures (*short paybacks*)

- 1) Replace incandescent light with compact fluorescent or light-emitting diode (LED) light
- 2) Convert incandescent/compact fluorescent (CFL) exit sign to LED exit sign
- 3) Convert T12 fluorescent lamp to T8 fluorescent lamp with electronic ballast or LED lamp
- 4) Install occupancy control for intermittently occupied rooms





Examples: Short Simple Payback Energy Measures

- HVAC measures
 - 1) Replace manual thermostat with programmable thermostat



- Plug Load measures
 - 1) Install vending machine occupancy control



Accomplishments





Proposition 39 (K-12) Funding Status

Applications Received

- 1,233 Energy Expenditure Plans
- 4,470 School Sites
- Total Funds Requested: \$849 million

Applications Approved

- 1,090 Energy Expenditure Plans
- 3,985 School Sites
- Total Funds Approved: \$770 million

as of 10.16.2016



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Examples of Approved Measures

| Energy Measure Category | # of Measures Approved | % of Measures Approved | Total Project Cost of Measures Approved <i>(in millions)</i> | % of Total Project Cost of Measures Approved |
|-------------------------|------------------------|------------------------|---|--|
| Lighting | 6,905 | 48% | \$ 317 | 36% |
| HVAC | 2,293 | 16% | \$ 349 | 39% |
| Lighting Controls | 1,609 | 11% | \$ 25 | 3% |
| HVAC Controls | 1,490 | 10% | \$ 58 | 7% |
| Plug Loads | 830 | 6% | \$ 3 | 0% |
| Solar (PV) | 323 | 2% | \$ 93 | 10% |
| Pumps, Motors, Drives | 312 | 2% | \$ 10 | 1% |
| Building Envelope | 213 | 1% | \$ 16 | 2% |
| Other | 324 | 2% | \$ 16 | 2% |
| TOTAL: | 14,299 | 98%* | \$ 887 | 100% |

* Note: Totals 98% due to rounding.

(as of 10.16.2016)



Projected Annual Savings

\$60 million

Approved projects are estimated to save:

- 290 million kWh
- 1.8 million therms
- 91,000 gallons of propane

(as of 10.16.2016)

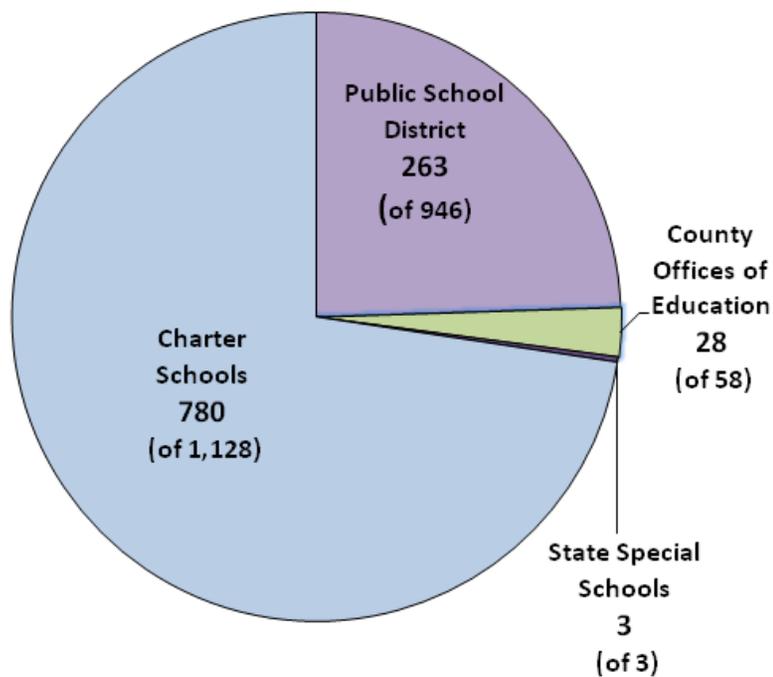




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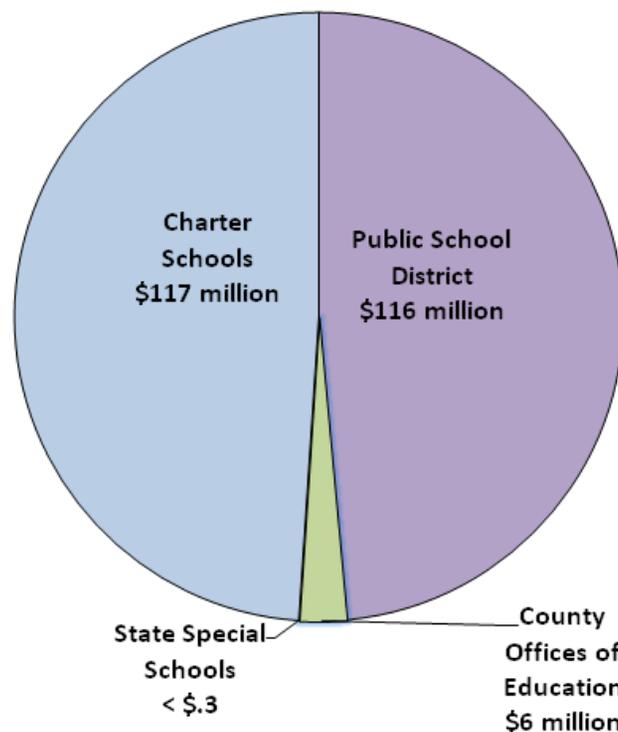
LEAs Not Yet Participating

Local Educational Agencies (LEAs)



2,136 Total LEAs
(3 State Special Schools not shown above)

Remaining Allocation by LEA



\$973 M Total Allocations

(as of October 16, 2016)



How to Participate

Completed Charter School Energy Projects....
These could be your school!





Novato Charter School

“One of the greatest non-energy benefits from this improvement has been the reduced noise level creating a significant reduction of distractions to students”.

Project Cost: \$54,343

Six heat pumps and
14 wall-mounted fans were
installed





District Assistance

Campbell USD provided assistance to Castlemont Elementary School Charter, completing their 82 KW photovoltaic installation.

Prop 39 Grant Amount:
\$244,916





Technical Assistance



Energy Planning Funds:

- Identify Energy Projects
 - ✓ Energy Audit
 - ✓ Energy Surveys
- Prop 39 Assistance
 - ✓ Benchmarking
 - ✓ Submit Energy Expenditure Plan
 - ✓ Reporting
- Energy Manager
- Energy-Related Training



Do-It Yourself

Tools are Available:

✓ Energy Savings Calculators

Example:

| ECM 16 | Replace manual thermostat with programmable/smart thermostat | Fill in your answers |
|--------|--|----------------------|
| | Quantity of old thermostats to be replaced? | |
| | What is the total installed cost? | |
| | What is the utility rebate for this measure? | |



Replace old thermostats, with programmable/smart thermostats!



Bright Schools Program

Provides free technical assistance service (energy audits) to identify energy savings opportunities (*worth up to \$20,000*)

No waiting list – apply now!



*Proposed Solar Panels
(The Huntington School District)*



Program Resources

The screenshot shows the California Energy Commission website page for Proposition 39 K-12 Program. The page title is "The California Clean Energy Jobs Act (Proposition 39 K-12 Program)". The main content includes an "Important Message" section with the heading "ATTENTION CHARTER SCHOOLS: \$117 Million in Funding Available - Register Now for Proposition 39 K-12 Grant Application Workshops". Below this, there is a paragraph explaining that the California Energy Commission is presenting two informational Proposition 39 K-12 Program workshops for charter schools in November. The page also features a sidebar with sections for "Approved Energy Expenditure Plans", "E-Commenting", and "Program Information".

| | |
|--|--|
| Tuesday, November 1, 2016 10:00 a.m. - 12:00 p.m. | Alameda County Office of Education 313 West Winston Ave., Room 142 Hayward, CA 94544 |
| Wednesday, November 3, 2016 10:00 a.m. - 12:00 p.m. | Los Angeles County Office of Education Education Center East (ECE), Room ECE-300 9625 Imperial Hwy Downey, CA 90242 |

Prop 39 K-12 Web Page

<http://www.energy.ca.gov/efficiency/proposition39/index.html>



Proposition 39 K-12 Web page

CA.gov | Contact | Newsroom | Quick Links

SEARCH This Site California

Home About Us Analysis & Stats Efficiency Funding Power Plants Renewables Research Transportation

Home → efficiency → proposition39

The California Clean Energy Jobs Act (Proposition 39 K-12 Program)

Important Message

IMPORTANT DEADLINE! Start your energy audits now to be prepared to submit your energy expenditure plans (EEP)

To ensure LEAs can encumber Proposition 39 K-12 program allocations by the statutory required deadline of June 30, 2018, the last date to submit EEPs to the Energy Commission is August 1, 2017.

Public Resources Code Section 26233 (d) states "A local educational agency (LEA) shall encumber funds received pursuant to this section by June 30, 2018". The California School Accounting Manual, procedure 210-11 details budgetary accounting for LEAs. It defines encumbrance as a commitment in the form of a purchase order or offer to buy goods or services.

This notice provides the typical one year project planning time for LEAs to plan and submit all EEPs. The one year timeline includes the planning process to receive allocation amounts, identify project energy measures and specifics, EEP development, submittal and approval, funding disbursement, and concludes with encumbering funds by the June 30, 2018, deadline.

Questions may be directed to Prop39@energy.ca.gov or the Proposition 39 Hotline, toll-free at 855-380-8722, or for those out-of-state at (916) 653-0392.

LEAs may now apply under the approved Proposition 39 California Clean Energy Jobs Act – 2016 Program Implementation Guideline Rules!

The following tools and resources have been updated and revised and are now ready to use: Energy Expenditure Plan Online system (online system), Energy Expenditure Plan Handbook (handbook), Energy Savings Calculators, Version 8, and the Savings to Investment Ratio (SIR) Worksheet Tool (worksheet tool).

LEAs may now apply under the approved Proposition 39 California Clean Energy Jobs Act – 2016 Program Implementation Guideline (2016 Guidelines) rules.

Approved Energy Expenditure Plans

- Expenditure Plans Listing (EEP) (updated: October 10, 2016)
- Amended Expenditure Plans Listing (updated: October 3, 2016)
- Proposition 39 K-12 Snapshot (updated: October 10, 2014)

E-Commenting

- Submit Comment on the Proposition 39 K-12 Program
- View Comments and Documents

Program Information

- Tracking Progress - Proposition 39 K-12 Program
- Workshops, Webinars, Documents and Announcements
- Blog Posts of Program Activities
- Frequently Asked Questions - Proposition 39 K-12 Program (updated: June 9, 2016)
- Fact Sheets
- Citizens Oversight Board
- Proposition 39 Progress Report to the Citizens Oversight Board, 2013-2015

Page Organization

- ✓ Blue information Boxes
- ✓ Important Messages
- ✓ Overview
- ✓ Program Resources
 - ✓ Guidelines
 - ✓ Handbook
 - ✓ Reporting
 - ✓ Energy Savings Calculators

<http://www.energy.ca.gov/efficiency/proposition39/index.html>



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Tracking Progress

California Energy Commission – Tracking Progress

The California Clean Energy Jobs Act: Proposition 39

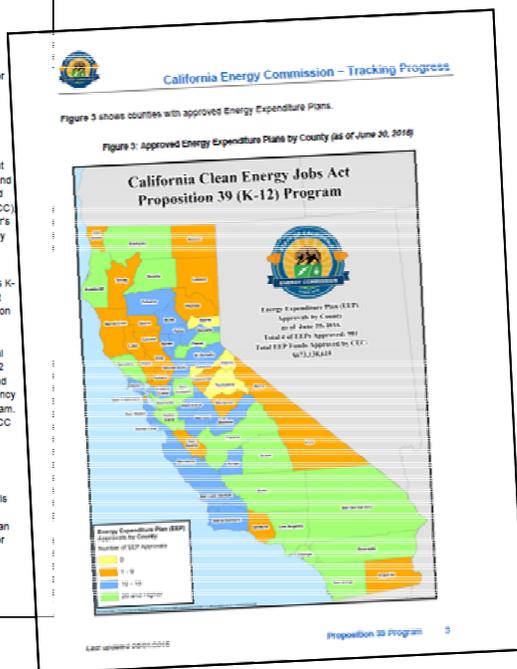
The California Clean Energy Jobs Act (Proposition 39) provides funding for planning and installing eligible energy measures, such as energy efficiency upgrades and clean energy generation at schools. The Initiative changed California's corporate income tax code and allocates projected revenue to the General Fund and the Clean Energy Job Creation Fund for five fiscal years, beginning with fiscal year 2013/2014.

Following the passage of Proposition 39, the State Legislature enacted Senate Bill 73 (Committee on Budget and Fiscal Review, Chapter 29, Statutes of 2013), designating the California Energy Commission as the lead agency for implementing Proposition 39 in consultation with the California Department of Education, California Community Colleges Chancellor's Office, California Public Utilities Commission, California Workforce Development Board, the Division of the State Architect, the California Department of Industrial Relations, and the California Conservation Corps. Though the Energy Commission is designated as the lead for implementing Proposition 39, the Energy Commission, California Conservation Corps (CCC), California Workforce Development Board, and the California Community Colleges Chancellor's Office each administer stand-alone but complementary programs funded by the Clean Energy Job Creation Fund established by Proposition 39.

The Energy Commission is primarily responsible for administering the Proposition 39 Kindergarten through Grade 12 Program (K-12 Program) and accepts, reviews, and approves K-12 Program Energy Expenditure Plans (applications for Proposition 39 funding) to implement cost-effective energy efficiency and clean energy generation projects. The Energy Commission was appropriated funding by the Legislature from the Clean Energy Job Creation Fund to enhance its energy efficiency loan program for K-12 school districts, charter schools, state special schools and county offices of education. This appropriation also allowed for additional funding of the Bright Schools Program, which offers energy project planning services for K-12 public school districts, charter schools, state special schools, county Offices of Education, and community colleges. Complementing the K-12 Program and the Commission's energy efficiency loan and Bright Schools Programs, CCC administers the Energy Corps Proposition 39 Program. This program provides K-12 schools with additional energy project planning services. The CCC also provides on-the-job-training to corpsmembers while offering low cost project implementation services.

To ensure that a qualified and trained workforce is available to install energy efficient technologies and clean energy generation projects at schools, the California Workforce Development Board (CWDB) implements the Proposition 39 pre-apprenticeship program. This program provides grants to local workforce development agencies to implement targeted training programs to assist disadvantaged youth, veterans, and others for employment in clean energy fields. Lastly, the California Community Colleges Chancellor's Office is responsible for administering the Proposition 39 community college district program, providing funding to

Last updated 08/01/2016 **Proposition 39 Program** 1



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http://www.energy.ca.gov/renewables/tracking_progress/documents/Prop_39_Tracking_Progress.pdf



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Publicly Searchable Database

CA.gov | Accessibility | Quick Links

CALIFORNIA ENERGY COMMISSION

Energy Expenditure Plan Online

HOME ABOUT

Proposition 39 Publicly Searchable Database

Welcome to the California Clean Energy Jobs Act (Proposition 39) searchable database.

The Proposition 39 program provides funding to California's K-12 schools and Community College districts for the installation of energy efficient and clean energy projects.

The California Energy Commission's K-12 schools program provides grants to local education agencies (LEAs) to install energy measures on LEA facilities and K-12 school sites. [Click here for more information about the Proposition 39 K-12 Program.](#)

The California Community College District program provides grants to community college districts to install energy measures on community college district sites. [Click here for more information about the California Community College Program.](#)

To start, search by selecting the name of the Proposition 39 program below:

[Search K-12 Program](#) [Search California Community Colleges Program](#)

Energy Commission K-12 program questions can be directed to Prop39@energy.ca.gov or to the Proposition 39 K-12 program hotline, toll free at (855) 380-8722 or outside California (916) 653-0392. California Community College District program questions can be directed to Hnguyen@ccoco.edu or to the California Community College Chancellor's Office at (916) 327-5363.

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- [Fact Sheets](#)
- [Citizens Oversight Board](#)
- [Proposition 39 Progress Report to the Citizens Oversight Board, 2013-2015](#)

Program Data

- [Proposition 39 Publicly Searchable Database](#)
- [K-12 Program Research Data](#)
- [CA Climate Investments Map](#)

<http://prop39publicsearch.energy.ca.gov/>



California Energy Commission

Additional Information

Energy Commission's Web page:

<http://www.energy.ca.gov/efficiency/proposition39>

California Climate Investment Map:

www.caclimateinvestmentmap.ca.gov

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Contact us by email:

Prop39@energy.ca.gov

