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
California Energy Commission

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 (C 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
## Proposition 39 Appropriations

<table>
<thead>
<tr>
<th>Program</th>
<th>FY 2013/14 (in millions)</th>
<th>FY 2014/15 (in millions)</th>
<th>FY 2015/16 (in millions)</th>
<th>FY 2016/17 (in millions)</th>
<th>TOTALS (in millions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>K-12 Program (CDE/CEC)</td>
<td>$381</td>
<td>$279</td>
<td>$313</td>
<td>$399</td>
<td>$1.37 (in billion)</td>
</tr>
<tr>
<td>Community College Districts</td>
<td>$47</td>
<td>$39</td>
<td>$39</td>
<td>$49</td>
<td>$174</td>
</tr>
<tr>
<td>ECAA – (0% loans &amp; technical assistance)</td>
<td>$28</td>
<td>$28</td>
<td>$0</td>
<td>$0</td>
<td>$56</td>
</tr>
<tr>
<td>California Conservation Corps</td>
<td>$5</td>
<td>$5</td>
<td>$5</td>
<td>$6</td>
<td>$21</td>
</tr>
<tr>
<td>California Workforce Development Board</td>
<td>$3</td>
<td>$3</td>
<td>$3</td>
<td>$3</td>
<td>$12</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>$464</strong></td>
<td><strong>$354</strong></td>
<td><strong>$360</strong></td>
<td><strong>$457</strong></td>
<td><strong>$1.63 (in billion)</strong></td>
</tr>
</tbody>
</table>
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/prop39ccejia.asp

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

K-12 Program Timeline

- June 30, 2021: Final project reporting date.
- June 2013: Governor signed Senate Bill 73, enabled Clean Energy Jobs Act.
- June 30, 2017: EEP Submission Deadline
- June 30, 2018: Encumbrance Deadline
- June 30, 2020: Project Completion Deadline
- June 1, 2017: EEP Submission Deadline
- June 30, 2018: Encumbrance Deadline
- June 30, 2020: Project Completion Deadline

1. Annual Progress Reporting
2. Final Project Completion Reporting
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.
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
# Examples of Approved Measures

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

* Note: Totals 98% due to rounding.

(as of 10.16.2016)
$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)
California Energy Commission

LEAs Not Yet Participating

Local Educational Agencies (LEAs)

- Public School District: 263 (of 946)
- Charter Schools: 780 (of 1,128)
- State Special Schools: 3 (of 3)
- County Offices of Education: 28 (of 58)

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

Remaining Allocation by LEA

- Charter Schools: $117 million
- Public School District: $116 million
- State Special Schools: < $3
- County Offices of Education: $6 million

$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 Yourselves

Tools are Available:

✓ Energy Savings Calculators

Example:

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Replace manual thermostat with programmable/smart thermostat</td>
<td>Fill in your options</td>
</tr>
</tbody>
</table>

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!
Program Resources

Prop 39 K-12 Web Page

http://www.energy.ca.gov/efficiency/proposition39/index.html
California Energy Commission

Proposition 39 K-12 Web page

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
California Energy Commission

Tracking Progress


Approved Energy Expenditure Plans
- Expenditure Plans Listing (EEP) (Updated: October 18, 2014)
- Amended Expenditure Plans Listing (Updated: October 3, 2012)
- 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, 2010)
- Fact Sheets
- Citizens Oversight Board
- Proposition 39 Progress Report to the Citizens Oversight Board, 2013-2015
California Energy Commission

Publicly Searchable Database

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

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

Program Data
- Proposition 39 Publicly Searchable Database
- K-12 Program Research Data
- CA Climate Investments Map
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

Contact our Prop 39 Hotline:
(855) 380-8722 (Toll-free in-state)
(916) 653-0392 (Toll line out-of-state)

Contact us by email:
Prop39@energy.ca.gov