

Proposition 39 K-12 Program and Energy Conservation Assistance Act 2018-19 Progress Report

Update Presentation to the Citizens Oversight Board



Jim Holland
February 13, 2020
California Energy Commission



This is the fifth Energy Commission
progress report to the
Citizens Oversight Board



Agenda

- **Report Overview**
- **Proposition 39 K-12 Program**
- **Energy Conservation Assistance Act, Education Subaccount (ECAA-Ed)**
- **Bright Schools Program**
- **School Bus Replacement Program**



REPORT OVERVIEW



Energy Commission's Report to the Citizens Oversight Board

- **Report includes four program components:**
 - Proposition 39 K-12 Program (*Grants*)
 - Energy Conservation Assistance Act - Education Subaccount (*Loans*)
 - Bright Schools Program (*Technical Assistance*)
 - School Bus Replacement Program

- **Reporting period:**
 - December 19, 2013 through June 30, 2019



Clean Energy Job Creation Fund Appropriations

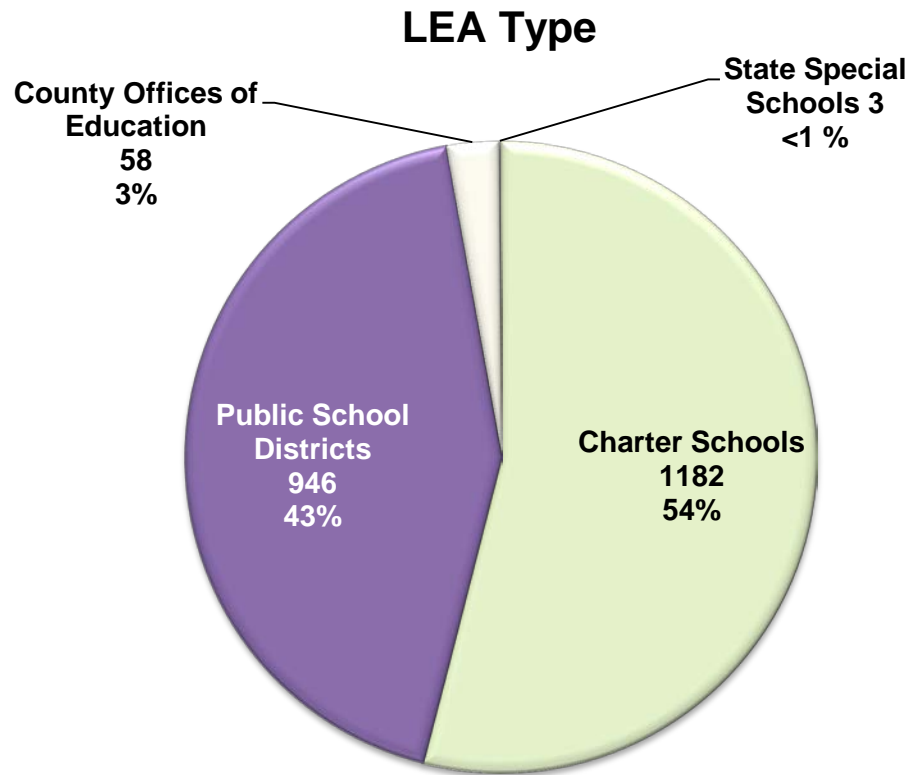
Category	FY 2013-14 (in millions)	FY 2014-15 (in millions)	FY 2015-16 (in millions)	FY 2016-17 (in millions)	FY 2017-18 (in millions)	TOTALS (in millions)
K-12 Program	\$381.0	\$279.0	\$313.4	\$398.8	\$376.2	\$1,748.4
ECAA-Ed	\$28.0	\$28.0	\$0	\$0	\$0	\$56.0
TOTALS	\$409.0	\$307.0	\$313.4	\$398.8	\$376.2	\$1,804.4



PROPOSITION 39 K-12 PROGRAM



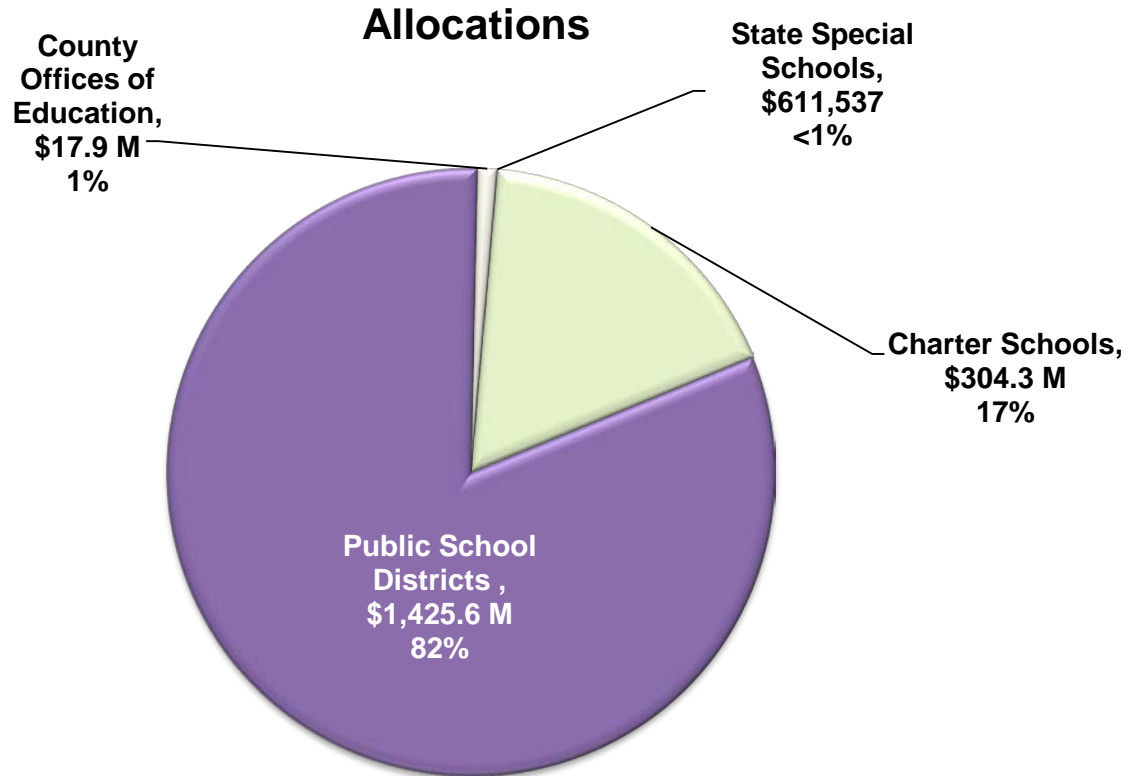
Local Education Agencies (LEA) Types Receiving Funding



2,189 Total LEAs



Allocations by LEA Type



\$1,748.4 M Total Allocations



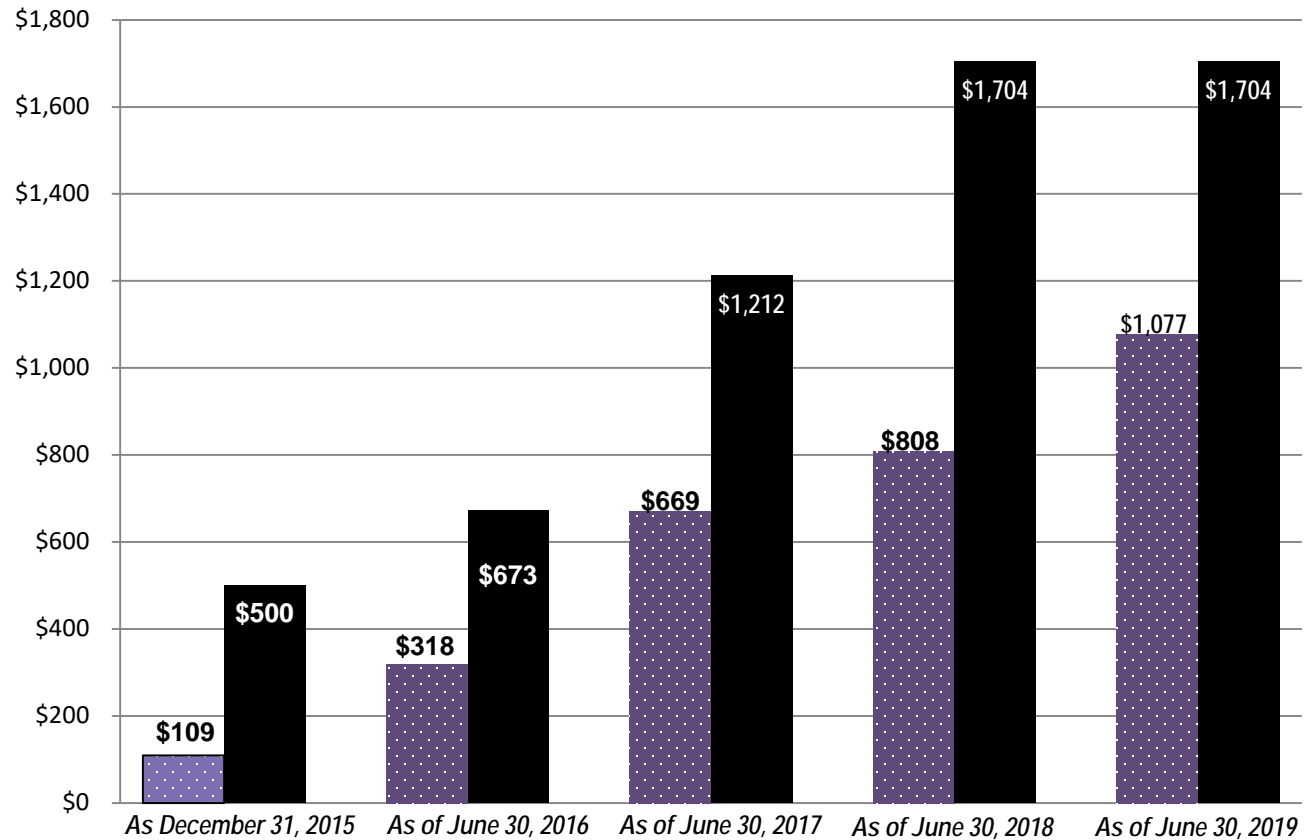
Overview of Amendment Process

(no new EEP approvals in FY 2018-19)

1. LEA makes a request to amend Energy Expenditure Plan (EEP) that was previously approved; Staff reviews amendment request and generates amendment request form for LEA.
 2. LEA submits amendment request form; Supervisor opens EEP for amending by LEA.
 3. LEA submits amended EEP; Staff reviews and approves amended EEP. No additional funding or sites are allowed through the amendment.
- 221 amendments approved in FY 2018-19.
 - 825 EEPs have had an amendment done at least once during the life of the Prop 39 Program. This represents approximately 40% of the total number of EEPs submitted.

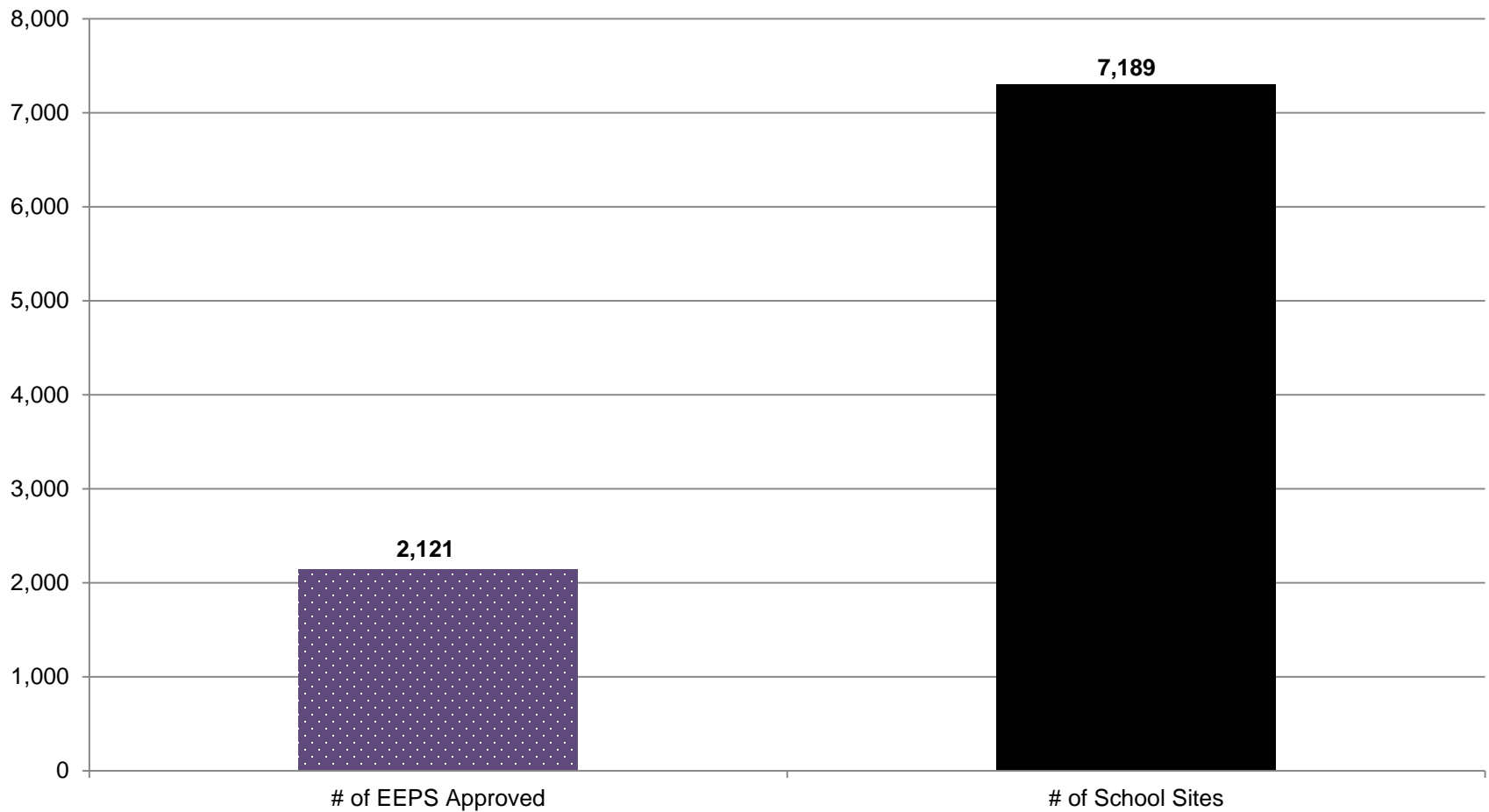


Proposition 39 K-12 Funding Approved and Spent





Cumulative Energy Expenditure Plan Approvals





Eligible Energy Efficiency Measures

- Lighting Systems
- Heating and Air-Conditioning (HVAC) Retrofits
- Controls (e.g., Thermostats)
- Pumps and Motors
- Plug Loads
- Building Insulation
- Clean Energy Generation ((Solar Photovoltaic (PV))



Summary of Implemented Energy Measure Categories (as of June 30, 2019)

Energy Measure Category	Total # of Measures Approved	Total % of Measures Approved	Total Project Cost of Measures Approved	Total % of Project Cost of Measures Approved
Lighting	12,663	54.4%	\$743,333,247	41%
HVAC & Lighting Controls	4,890	21%	\$152,859,197	9%
HVAC	3,360	14.5%	\$600,372,504	33%
Other Energy Efficiency Measures	1,788	7.7%	\$120,300,595	7%
Self-Generation (PV)	568	2.4%	\$175,646,992	10%
TOTALS	23,269	100%	\$1,792,512,535	100%



ACCOMPLISHMENTS



Cumulative Summary of Final Project Completion Reports

Category	Last Report (as of June 2018)	Current Report (as of June 2019)
Number of Completed EEPs	292	522
<i>Funding</i>		
Total Gross Project Cost	\$190 million	\$367 million
Prop 39 Share	\$153 million	\$318 million
Leveraged Funding	\$37 million	\$49 million
<i>Annual Energy Savings</i>		
kWh Savings	63,925,295	125,712,267
Therm Savings	225,828	344,789
CO₂ equivalent emissions reduction	22,191 tons	43,060 tons
SIR	1.36	1.37
Total Cost Savings	\$11.9 million	\$23.4 million



Looking Ahead

- Amendments are still being processed. Almost half of the approved EEPs have undergone an amendment at least once.
- Annual reporting will resume in July of 2020. Close to 1,000 annual reports will be generated at that time.
- Final project completion reports are ongoing. Based on overall numbers at this time, 1,599 final project completion reports will need to be filed by September 30, 2021.



ENERGY CONSERVATION ASSISTANCE ACT-EDUCATION SUBACCOUNT (ECAAA-ED)



ECAA-Ed Funding

Fiscal Year	ECAA-Ed Financing (Energy Project Loans)	Bright Schools (Technical Assistance)	TOTAL
2013-14	\$25,291,524	\$2,708,476	\$28,000,000
2014-15	\$25,200,000	\$2,800,000	\$28,000,000
2015-16	0	0	0
2016-17	0	0	0
2017-18	0	0	0
2018-19	0	0	0
TOTALS	\$50,491,524	\$5,508,476	\$56,000,000



ECAA-Ed Loan Program Status (as of June 30, 2019)

Loan Status	Number of Loans	Loan Funds Spent (in millions)
Loans With Final Project Completion Reports	28	\$43.1
Completed Loan Projects (Final Reports Due after 6/30/19)	3	\$4.8
Loans Still in Construction	4	\$4.4
Totals	35	\$52.3



ECAA-Ed Competitive Loan Program

- First Program Opportunity Notice (PON) released February 2019 for \$36 million.
- First ECAA-Ed Competitive loans approved December 2019: Seven loans approved totaling \$6.7 million.
- Second PON scheduled for release February 2020 for \$38 million.

(Full report on the ECAA-Ed Competitive Loan Program to be briefed at the March 2020 Citizens Oversight Board meeting)



BRIGHT SCHOOLS PROGRAM



Technical Assistance

Provides assistance to identify energy saving measures at existing facilities

- Energy Audits
- Third Party Proposal Review
- Professional Engineering Support Services



Bright Schools Program Expenditures

Bright Schools Program Allocations and Expenditures as of June 30, 2019

Allocations and Expenditures	
Total Allocation	\$5,600,000
Amount Reallocated to ECAA-Ed Loan Program	\$91,524
Expenditures as of 6/30/19	\$3,331,199
Contract Balance	\$2,177,277



Bright Schools Program Accomplishments

- 195 technical assistance grants:
 - 158 energy audits
 - 22 EEP preparations
 - 15 project bid specifications
- 80 Bright Schools Program energy audits have been used to support Prop 39 EEPs
- Identified measures estimated to save
 - 28,626 MWh
 - 305,025 therms of natural gas



SCHOOL BUS REPLACEMENT PROGRAM



Senate Bill 110 Funding

- Funding: \$75 million
- Eligible applicants: school districts, county offices of education, and joint power authorities
- Priority given to the oldest school buses, school buses operating in disadvantaged communities, or to schools that have a majority of students eligible for free or reduced-price meals in the prior year
- Any replaced school bus must be scrapped



Program Components and Funding

Three complementary funding components:

1. School Bus Replacement: to replace the oldest, dirtiest diesel school buses with battery electric school buses - *\$75 million* (SB 110)
2. Charging Infrastructure - *\$14 million* (Clean Transportation Program)
3. Workforce Training - *\$1 million* (Clean Transportation Program)



School Bus Replacement Program Awards

Region	Number of Awardees	Number of Buses Awarded	Total Number of Seats Funded	Total Bus Award	Total Infrastructure Award
North	18	59	3,183	\$18,581,444	\$3,540,000
Central	23	58	3,662	\$18,974,613	\$3,480,000
South	11	57	3,090	\$18,719,024	\$3,420,000
Los Angeles	12	59	2,250	\$18,638,763	\$3,540,000
Totals	64	233	12,185	\$74,913,844	\$13,980,000

Questions

Prop 39 Webpage:

<https://www.energy.ca.gov/programs-and-topics/programs/california-clean-energy-jobs-act-proposition-39-k-12-program>

School Bus Webpage:

<https://www.energy.ca.gov/programs-and-topics/programs/school-bus-replacement-program>

Prop 39 Hotline:

(855) 380-8722 [toll-free in-state]
(916) 653-0392

School Bus Hotline:

(855) 279-6381

Prop 39 Email:

Prop39@energy.ca.gov

School Bus Email:

Schoolbusprogram@energy.ca.gov

