

Citizens Oversight Board 6th Annual Report to the Legislature



Jim Bartridge

Citizens Oversight Board Meeting

Rosenfeld Hearing Room

Sacramento, California

March 23, 2021



Annual Report to the Legislature



- Distributed to public, Legislature, and Governor within 90 days of the end of the calendar year – March 30th



- Report to include:
 - Board activity of the previous year
 - Findings and recommendations based on annual reports from Energy Commission, Community Colleges, Workforce Development Board, and California Conservation Corps
 - Findings on quantifying total employment

Chapter 1: The CCEJA and Its Enduring Impact

- Objectives of the California Clean Energy Jobs Act
- Overview of the Original CCEJA Programs, Funding, and Timelines
- SB 110 Program Changes for 2018 and Beyond
 - ✓ School Bus Replacement Program
 - ✓ ECAA-Ed Competitive Program
 - ✓ K-12 Competitive Grant Program (not funded)
 - ✓ SB110 removed the sunset date for the Board; continues indefinitely

Objectives of the California Clean Energy Jobs Act

- Put Californians to work repairing, updating, and improving the energy efficiency of public schools, universities, and public buildings
- Promote new private sector clean energy and energy efficiency jobs to save energy and money
- Leverage existing energy efficiency and clean energy programs to create increased economic and energy benefits for California



Chapter 2: Citizens Oversight Board Mandates, Meeting History, and Audit Progress

- Mandates of the Citizens Oversight Board
- Meeting History of the Citizens Oversight Board
- The Financial Audits of the Clean Energy Job Creation Fund and Program Audits of the Clean Energy Jobs Act
- All Board documents, including Audits, at:
<https://www.energy.ca.gov/programs-and-topics/programs/california-clean-energy-jobs-act-proposition-39-k-12-program-1-0>

Citizens Oversight Board Mandates

- ✓ Review all Clean Energy Job Creation Fund expenditures
- ✓ Commission and review an annual independent audit of the Job Creation Fund and of a selection of projects completed to assess the effectiveness of the expenditures
- ✓ Publish complete accounting of expenditures and post on publicly available website
- ✓ **Submit evaluation to Legislature identifying changes needed to Clean Energy Jobs Act programs**



Chapter 3: Proposition 39 Clean Energy Jobs Act Programs

Energy Project Grant Programs

California Energy Commission's Local Educational Agency K-12 Award Program

- ✓ Largest share of Proposition 39 funding
- ✓ 1,750 of 2,189 LEAs participated in program
- ✓ Those 1,750 LEA submitted 2,121 Energy Expenditure Plans at 7,189 school sites from 12/30/13 through 6/30/20.
- ✓ \$1.542 billion funding, plus \$153.9 million for project planning
- ✓ Geographically diverse and high county LEA participation rates

Chapter 3: Proposition 39 Clean Energy Jobs Act Programs

Energy Project Grant Programs

California Community Colleges Chancellor's Office

- ✓ In 2019-20, additional 25 projects completed at 16 CCDs completed
- ✓ Expected annual savings from 2019-20 data:
 - 1.7 million kWh of electricity
 - 8,000 gas therms
 - \$244,000 annual energy cost savings
 - \$6,541 in one-time energy incentives

Energy and Sustainability Awards

Chapter 3: Proposition 39 Clean Energy

Jobs Act Programs

Loans and Technical Assistance Programs

Energy Commission's Energy Conservation Assistance Act Education Subaccount (ECAA-Ed)

- ✓ ECAA loan program started in 1979, ECAA-Ed revolving loan program established in 2013, ECAA-Ed Competitive established in 2017 by SB110
- ✓ 42 approved project loans totaling \$64.5 million as of June 30, 2020:
 - 29 completed projects totaling \$43.9 million
 - 2 completed projects totaling \$4 million (final reports due after 6/30/2020)
 - 21,514 million kWh of electricity
 - 15,286 gas therms
 - 3 loans at \$4.5 million with outstanding Final Reports
 - 8 loans at \$3.7 million still in construction

Chapter 3: Proposition 39 Clean Energy Jobs Act Programs

Loans and Technical Assistance Programs

Energy Commission's Bright Schools Program

- ✓ Technical assistance to identify energy efficiency measures in existing facilities and apply for P39 K-12 Program funding.
- ✓ \$5.5 million funding from ECAA
- ✓ As of June 30, 2020:
 - Over 200 technical assistance energy study requests totaling over \$3.5 million
 - 2 requests in process, 3 withdrawn
 - 195 energy requests completed totaling \$2.8 million
 - 28,647 MWh of electricity
 - 305,025 gas therms

Chapter 3: Proposition 39 Clean Energy

Jobs Act Programs

Workforce Training Grant Programs

California Workforce Development Board Proposition 39 Pre-Apprenticeship Support, Training and Placement

- ✓ Invested \$13.3 million through June 30, 2018 to develop 12 construction pre-apprenticeship pilot programs
- ✓ Workforce-training and supportive services to prepare at risk youth, women, veterans, ex-offenders, and other disadvantaged job seekers apply, enter, and complete state-registered building trade apprenticeship programs.
- ✓ Of 2,700 enrolled, 2,100 completed training (78%) and earned the National Building Trades Multi-Craft Core Curriculum (MC3) certificate
- ✓ Building on success of Proposition 39 training programs, CWDB is scaling up High Road Construction Careers Initiative
 - Funding from the Road Repair & Accountability Act of 2017 (Senate Bill 1)
 - Investing in 11 regional-scale training partnerships in all 58 California counties

Chapter 3: Proposition 39 Clean Energy Jobs Act Programs

Workforce Training Grant Programs

California Community College Workforce and Economic Development Program

- ✓ **The information below represents program results through 2019.**
- ✓ Received \$27.9 million through June 30, 2018
- ✓ Funds directed to educational areas to align with SB 350 and SB 100
- ✓ Provided supplemental funding for clean energy education at 96 colleges
- ✓ Students earned 8,973 degrees and certificates in various programs
 - 1,619 Associate of Arts or Science Degrees
 - 4,117 Certificates requiring 18 units or more
 - 2,350 Certificates requiring 6-18 units
 - 887 other or non-credit awards, including apprenticeship certifications

Chapter 3: Proposition 39 Clean Energy

Jobs Act Programs

Workforce Training Grant Programs

California Conservation Corps' Energy Corps Training Program

- ✓ **Information below has not changed since CCC provided a final report to the COB in March 2018.**
- ✓ Received \$26.6 million through June 30, 2018; thereafter received funding from the Greenhouse Gas Reduction Fund (GGRF)
- ✓ Trained 708 Energy Corps members to conduct energy surveys and 408 to perform energy efficiency retrofits
- ✓ Completed more than 1,300 energy surveys at more than 13,000 buildings, representing over 79 million square feet.
- ✓ Completed 93 retrofit projects involving more than 124,000 lighting fixture replacements and more than 8,000 control retrofits
 - Saved schools more than 6.5 million kWh per year
- ✓ In 2019, CCC staff indicated Corps members were continuing to install energy efficient lamps, controllers, ballasts, and other equipment purchased by LEAs with Proposition 39 funds; with GGRF covering labor costs.

Chapter 3: Proposition 39 Clean Energy

Jobs Act Programs

Proposition 39 Job Creation

- ✓ **CWDB provided its final jobs and training report to COB in February 2019**
- ✓ Proposition 39 created significant economic and fiscal benefits in California.
- ✓ Investments from the Proposition 39 K-12 program increased economic activity and employment, on top of energy savings and greenhouse gas emissions reductions that would not have otherwise occurred
- ✓ Through the end of 2018, CWDB estimates that the Proposition 39 K-12 program created more than \$3.3 billion in economic activity
- ✓ Through the end of 2018, CWDB estimates that the Proposition 39 program created nearly 20,000 jobs

Chapter 3: Table 3-5 Economic and Employment Impacts of Proposition 39 K-12 Grants through 2018

Proposition 39 grants \$1.5 billion (2016 dollars)	Economic Activity (2016 dollars)	Employment (number of jobs created)
Direct Jobs (e.g. electricians installing new systems at schools)	\$1.481 billion	8,702
Indirect Jobs (e.g. suppliers of energy equipment used in projects)	\$711.3 million	3,811
Induced Jobs (e.g. workers in retail or restaurant industries who benefit from spending by direct workers)	\$1.156 billion	7,299
Total	\$3.349 billion	19,812

Chapter 3: Proposition 39 Clean Energy Jobs Act Programs

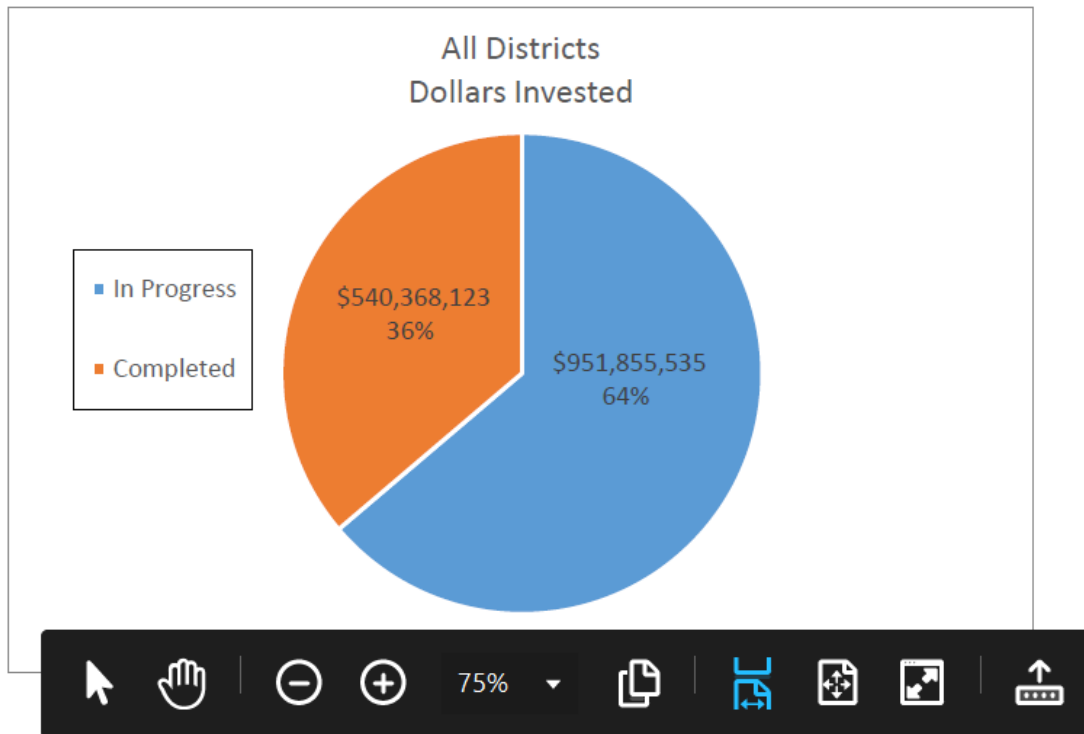
SB110 School Bus Replacement Program

- ✓ Received \$75 million from remaining Proposition 39 K-12 funds
- ✓ 66 awardees received funding for 235 electric school buses
- ✓ Nearly 90 percent of awardees in disadvantaged communities
- ✓ 25% of buses (61) delivered by 12/31/2020
- ✓ 50% of buses (118) to be delivered by 12/31/2021
- ✓ 100% of buses estimated to be delivered by 9/30/2022

Appendix G: K-12 Allocations by Legislative District

All Districts						
	Number of Sites	Dollars Invested	Annual Electric Savings (kWh)	Annual Dollar Savings	15 Year Electric Savings (kWh)	15 Year Dollar Savings
In Progress	4329	\$ 951,855,535.38	345,754,830	\$ 65,386,529.75	5,186,322,450	\$ 980,797,946.28
Completed	2795	\$ 540,368,122.74	213,282,084	\$ 39,392,434.62	3,199,231,260	\$ 590,886,519.25
Grand Total	7124	\$ 1,492,223,658.13	559,036,914	\$104,778,964.37	8,385,553,710.00	\$ 1,571,684,465.53

DAC	1684	\$ 418,935,423.45	151,589,191	\$ 27,112,425.43	2,273,837,865	\$ 406,686,381.41
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Chapter 4: Findings and Recommendations

- 1. Provide direct appropriations to the Energy Commission for the development of a Proposition 39 K-12 Competitive Grant Program as called for by SB 110, to support continued energy savings, emission reductions, and job creation at California's public schools.**
 - After June 30, 2018, \$75 million of remaining Proposition 39 K-12 funds were reallocated to support the School Bus Replacement Program, and \$38.5 million of remaining funds were reallocated to support the ECAA-Ed Competitive Loan Program.
 - No funds remained to support a K-12 Competitive Grant Program.
 - The energy savings, emissions reductions, and job creation associated with Proposition 39 investments are substantial and continue to accrue as projects are completed.
 - We recommend that the Legislature appropriate a one-time appropriation of \$125 million for the K-12 program.

Chapter 4: Findings and Recommendations

2. Provide direct appropriations to the Energy Commission to support the Energy Conservation Assistance Act – Education (ECAA-Ed) Competitive Loan Program.

- SB 110 established the ECAA-Ed Competitive Loan Program, expecting that up to \$100 million would be available to support loans to LEAs on a competitive basis.
- Only \$38.5 million in funding was available.
- We recommend the Legislature provide a one-time appropriation of \$60 million to support the ECAA-Ed Competitive Loan Program.

Chapter 4: Findings and Recommendations

- 3. Provide direct appropriations to the California Community Colleges Chancellor's Office to support continued energy savings, emission reductions, and job creation at California's Community Colleges.**
 - The energy savings, emissions reductions, and job creation associated with Proposition 39 investments at the community colleges are substantial and continue to accrue as projects are completed.
 - We recommend the Legislature provide a one-time appropriation of \$50 million to support continued progress at Community Colleges.

Chapter 4: Findings and Recommendations

4. Provide direct appropriations to the Energy Commission to support the School Bus Replacement Program.

- The emissions reductions and associated health benefits associated with the School Bus Replacement Program investments are significant and will replace some of the oldest and dirtiest buses in California.
- We recommend the Legislature provide a one-time appropriation of \$75 million to the Energy Commission's Clean Transportation Program to continue replacing diesel school buses throughout California.

Contact Information

CITIZENS
OVERSIGHT BOARD



Jim Bartridge

916-926-9093

Jim.Bartridge@energy.ca.gov

Jack Bastida

916-827-8012

Jack.Bastida@energy.ca.gov