

Citizens Oversight Board 7th Annual Report to the Legislature



Jim Bartridge

Citizens Oversight Board Meeting

Sacramento, California

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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

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 throughout California.
- ✓ \$1.542 billion funding, plus \$153.9 million for project planning
- ✓ Geographically diverse and high county LEA participation rates.
- ✓ Total Calculated Energy Savings from Completed projects: 341.5 million kWh, 1.09 million therms saved.
- ✓ Dollars saved: For every dollar spent- 1.30 dollars saved statewide for schools.

Chapter 3: Proposition 39 Clean Energy Jobs Act Programs

Energy Project Grant Programs

California Community Colleges Chancellor's Office

- ✓ In 2020-21, additional 25 projects completed at 16 CCDs completed / 957 total projects
- ✓ Energy savings of -7.29% systemwide since baseline year
- ✓ Total Calculated Program Electricity Savings:
 - 105.9 million kWh and 1.7 million therms
 - Cost savings: \$15.8 million per year statewide
 - Dollars saved: For every dollar spent- 1.30 dollars saved statewide for schools.

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
- ✓ 56 approved project loans totaling \$80.56 million as of June 30, 2021:
 - 29 completed project reports totaling \$46.16 million
 - 3 completed projects totaling \$2.23 million (final reports due after 6/30/2021)
 - 5 loans at \$8.5 million with outstanding Final Reports
 - 19 loans at \$23.67 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, 2021:
 - 200 technical assistance energy study requests totaling over \$3.5 million
 - 0 requests in process, 3 withdrawn
 - 197 energy requests completed totaling \$2.77 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 11 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
- ✓ The CWDB continues to build on the success of Proposition 39 training programs through the High Road Construction Careers Initiative
 - Funding from the Road Repair & Accountability Act of 2017 (Senate Bill 1) and the Greenhouse Gas Reduction Fund
 - Investing in 11 regional-scale training partnerships covering all 58 California counties since September 2020
 - Technical Assistance from the State Building and Construction Trades Council

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 236 electric school buses
- ✓ Nearly 90 percent of awardees in disadvantaged communities
- ✓ 25% of buses (61) delivered by 12/31/2020
- ✓ 50% of buses (118) delivered by 12/31/2021
- ✓ 100% of buses estimated to be delivered by 9/30/2022

Chapter 4: Findings and Recommendations

- Proposition 39 demonstrated success across multiple categories, including energy savings, job creation, job training, greenhouse gas emissions reductions, and improvements to classroom environments.
- Each year, the number of completed energy efficiency and clean energy projects in K-12 schools and community colleges expanded, participation rates of disadvantaged and small, rural schools increased, and project benefits, including energy savings and greenhouse gas emission reductions continued to accrue statewide.
- Proposition 39 resulted in significant economic and employment impacts throughout the state, including over \$3.3 billion in economic activity and an estimated 19,812 direct, indirect, and induced jobs, many of which are local in nature.

Chapter 4: Findings and Recommendations

Energy Project Grant and Technical Assistance Programs

- Given the success of Proposition 39 programs, the Citizens Oversight Board recommends the Legislature continue to support energy efficiency and clean energy projects and technical assistance for K-12 schools and community colleges to realize continued energy savings and greenhouse gas emissions reductions that help meet California's energy and climate goals.

Chapter 4: Findings and Recommendations

Workforce Training Grant Programs

- The Board recommends the Legislature continue to invest in comprehensive workforce development and education programs so that a skilled and diverse workforce is available to help California meet its energy and climate goals.

Chapter 4: Findings and Recommendations

School Bus Replacement Program

- The Board believes the emissions reductions, health benefits to children and communities, and savings associated with the School Bus Replacement Program investments are considerable. We applaud and support the Governor's Budget proposal to continue the greening of school bus fleets throughout California.

Chapter 4: Findings and Recommendations

AB 841 School Energy Efficiency Program/CalSHAPE

- **Although the Board has no direct role or oversight of the CalSHAPE Program**, we believe improving ventilation and energy efficiency in California schools and replacing inefficient and wasteful water fixtures will protect the health of children and teachers alike, while also advancing high-quality jobs in underserved communities. The Board is confident that the CalSHAPE program will provide significant benefits, and recommends it be considered for additional funding in the future.

Contact Information

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