

California Community Colleges

Proposition 39
Clean Energy Jobs Act
Year 5



Topics Covered

- Year 5 Proposition 39 budget and Closed-out Project
- Board of Governors Energy and Sustainability Awards
- Year 5 Proposition 39 Program Summary
- Years 3-4 Workforce and Economic Development Proposition 39 program Summary
- Year 3-4 Accomplishments

Proposition 39: Budget

Chancellor's Office Proposition 39 Allocation		
Chancellor's Office Division Allocation	Allocation	Fiscal Year
		2017-18
Workforce & Economic Development	12.80%	\$5,950,000
Facilities Planning & Utilization	87.20%	\$40,550,000
<ul style="list-style-type: none"> District Allocation 		\$38,962,000
<ul style="list-style-type: none"> Proposition 39 Consulting Contract 		\$1,588,000
Total	100%	\$46,500,000

Proposition 39: Closed-out Projects

Summary of Proposition 39 Total Year 5 (Fiscal Year 2017-18) Closed-Out Projects

- 38* Districts
- 139 Total Closed-out projects
- \$28,078,334 Total project costs
- 11,584,247 kWh savings
- 1,207 kW savings
- 328,003 therm savings
- \$1,879,062 Energy cost savings
- 155 Direct job years (FTEs)
- 4 Trainee job years (FTEs)
- 322,403 Direct job hours
- 8,956 Apprentice direct job hours
- \$1,223,755 Incentives paid
- 2,280 Homes powered

Proposition 39: Closed-out Projects

Category of Projects Closed-Out in Year 5	Fiscal Year 2017-18	
Project Type	Count	Percentage of Total Projects
Lighting	83	60%
HVAC	35	25%
Controls	16	12%
MBCx/RCx	2	1%
Self-Generation	2	1%
Other energy efficiency measures	1	1%
Total Projects	139	100%



Board of Governors Energy and Sustainability Awards

The Board of Governors Energy and Sustainability Awards were established in 2012 to honor community college leaders for their exemplary energy and sustainability efforts at the California Community Colleges

Awards Categories:

- Excellence in Energy and Sustainability—Proposition 39 Projects
- Excellence in Energy and Sustainability—Faculty/Student Initiatives
- Excellence in Energy and Sustainability—Sustainability Champion



Board of Governors Energy and Sustainability Awards

2018 Excellence in Energy and Sustainability—Proposition 39 Projects

Award	District	Project
Best Overall District – Large	Coast CCD	Interior Lighting Retrofit
Best Overall District – Medium	Peralta CCD	Interior Lighting Retrofit
Best Overall District – Small	Shasta-Tehama-Trinity Joint CCD	Multi-year Tehama Solar Photovoltaic Project
Retrofit Project	Orange Coast College	Stadium, Gym, and Theatre Lighting Retrofit
Commissioning Project (MBCx)	Butte College	Main Campus Monitoring Based Commissioning Project
Renewable Energy	Butte College	Solar Voltaic Project





Board of Governors Energy and Sustainability Awards

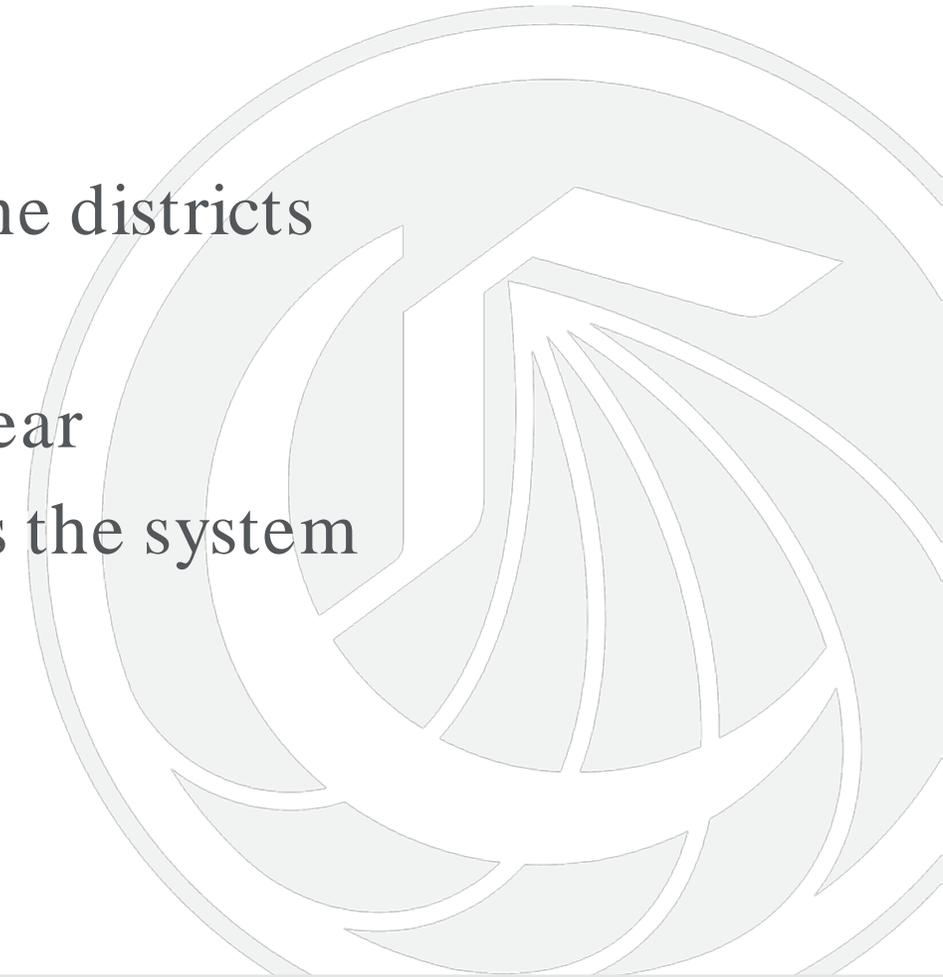
2018 Excellence in Energy and Sustainability—Faculty/Student Initiative Award

Mt. San Antonio CCD	Dr. William T. Scroggins	Climate Action Plan
Excellence in Energy and Sustainability—Sustainability Champion		
Long Beach CCD	Marlene Dunn, Vice President of Business Services	
South Orange CCD	Medhanie Ephrem, Director of ATEP Development	
Honorable Mentions	Four districts	Five projects



Proposition 39 Summary

- All Proposition 39 funding encumbered by the districts
- Closing out projects by June 2019
- Final Citizen's Oversight Board report next year
- Six percent reduction in energy usage across the system



Ongoing Challenges

- Project delays for Year 4 and 5 funding
- Project complexity has gone up for Year 4 and 5
- Longer project review periods at DSA
- District energy management expertise
- District staff turnover





Workforce and Economic Development Division

- Funds distributed to five regional fiscal agents to disperse
- Funds allocated through sub-grants for priority projects
- Investments were made in the following:
 - Energy
 - Construction
 - Utilities
 - Faculty development
 - Curriculum alignment
 - Technical assistance



Regional Investment and Completers

Region	Investment	Unique Completers
North Far North	\$ 1,564,753	1,152
Bay Area	\$ 1,211,659	1,422
Central Valley/South Central Coast	\$ 370,436	1,674
Los Angeles/Orange County	\$ 2,533,613	1,287
Inland Empire/San Diego/Imperial	\$ 442,229	1,577
Total	\$ 6,122,690	7,112

Certificates and Awards

Program	Investment	Awards
Architecture and Architectural Technology	\$ 407,198	342
Industrial Systems Technology and Maintenance	\$ 345,773	373
Environmental Control Technology	\$ 1,463,466	1,577
Construction Crafts Technology	\$ 1,361,206	2,374
Drafting Technology	\$ 25,038	320
Manufacturing and Industrial Technology	\$ 1,074,689	2,780
Civil and Construction Management Technology	\$ 31,800	227
Water and Wastewater Technology	\$ 278,228	596
Other	\$ 265,940	622
Total	\$ 6,122,690	10,327

Regional Certificates

Region	6-18 Unit Certificate	>18 Unit Certificate or Degree	Other
North Far North	347	970	404
Bay Area	446	1,005	31
Central Valley/South Central Coast	501	1,174	772
Los Angeles/Orange County	327	1,235	1,520
Inland Empire/San Diego/Imperial	287	1,236	72
Total	1,908	5,620	2,799

Accomplishments

Course development and programs

- Launched CareerQuest, an online career assessment, to guide prospective students into energy, construction and utility careers targeting Orange County schools
- Developed Construction Technology Pathway programs at LAMission College and LASouthwest College
- Developed a HVAC dual enrollment pathway at Fresno City College.
- Launched two new HVAC certificate programs at Bakersfield College and West Hills College – Coalinga

Accomplishments

- Course development and programs
 - Developed the Building & Energy Systems Professional (BESP) program, a set of energy, construction, and utilities (ECU) career pathways at College of the Desert, organized into one associate of science degree inclusive of 13 individual certificate programs.
 - Developed new utility (SDG&E) career training programs for gas and electric distribution planners and designers. The first cohort of 25 students was complete in December 2018 and was completely attended by incumbent workers needing to certify for SDG&E contract work.
 - Developed on-line dual enrollment OSHA 10 course at Cuesta College, which is now available for statewide distribution and utilization.

Accomplishments

- Campus labs

- Sacramento City College completed a mobile HVAC/R demonstration and outreach trailer, and made it available for outreach activities throughout the NFN and Bay Area regions.
- College of the Siskiyous completed a mobile "tiny house" demonstration and added new energy and construction courses with stackable certificates.
- Created “Campus as a Living Lab” program at Oxnard College, with 25 participating students.



Accomplishments

• Partnerships

- Partnered with the North State Building Industry Association (NSBIA) and the Los Rios District to implement an innovative outreach recruitment pilot that involved hiring, training, and deploying current students as outreach ambassadors.
- Initiated a partnership between high schools, regional community colleges, and the Southwestern Regional Carpenters Union for pre-apprenticeship education.
- Initiated a partnership with the California Construction & Industrial Materials (CalCIMA) to create an industry talent pipeline program designed to train and employ entry-level construction workers, equipment operators, diesel mechanics, and truck drivers.

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