



# Proposition 39

## Years 4, 5 and Beyond ...

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# Agenda

## **El Camino College**

- Year 1-3 Status, Year 4 Plans
- Project Descriptions and Economics

## **CCC/IOU Partnership**

- What is the Partnership?
- Proposition 39 – System-wide Project and Funding Update
- Tips and Best Practices
- Partnership Resources
- Years 4, 5 and Beyond

# El Camino College

## ***Prop 39 Year 1 – 3 Progress, Year 4 Plans***

- \$1,724,012 in Prop 39 funding approved – all available Year 1-3 allocation
- \$174,404 in utility incentives paid
- \$133,686 in annual energy costs savings
- Nine projects total, all completed and closed out
- Projects in development will use all Year 4 allocation of \$714,184



# Prop 39 Projects and Results

## *Year 1*

- Exterior Lighting LED Retrofit – 200 fixtures
  - Project Cost \$220,657
  - Prop 39 Funding \$178,194
  - Utility Incentives \$42,463
  - ***No cost to District!***
  - Annual energy cost savings

***\$29,183***



# Prop 39 Projects and Results

## *Year 1 - 2*

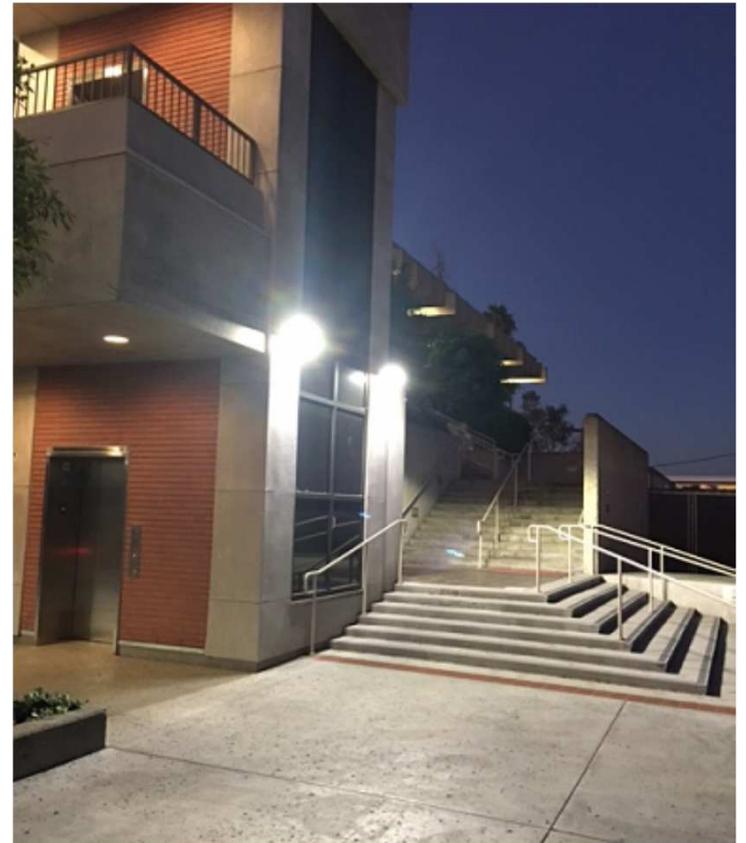
- Natural Science Building Air Handler Unit Replacement (multi-year project)
  - Project Cost \$824,012
  - Prop 39 Funding \$801,667
  - Utility Incentives \$22,214
  - *Cost to District \$131*
  - Annual energy cost savings **\$29,037**



# Prop 39 Projects and Results

## *Year 3*

- Phase 2 Exterior Lighting LED Retrofit
  - Project Cost \$342,517
  - Prop 39 Funding \$285,003
  - Utility Incentives \$57,514
  - ***No cost to District!***
  - Annual energy cost savings  
***\$38,483***



# Prop 39 Projects and Results

## ***Planned for Year 4***

- Science Building Retro commissioning (RCx)
  - Project Cost \$557,000
- Parking Garage Lighting Retrofit
  - Project Cost \$255,000
- Procurement Strategies



# CCC/IOU Partnership

## What is the CCC/IOU Energy Efficiency Partnership?

- The CCC-IOU Energy Efficiency Partnership was initiated in 2006
- Advocates, promotes and supports energy efficiency in the California Community College
- Leverages resources from the CCC Districts, Chancellors Office, the State of California, and the four California Investor Owned Utilities
  - PG&E, SCE, SCG, and SDG&E
- This unique Partnership results in achieving common goals for energy use reduction, cost savings, and fostering a more sustainable future.



# Proposition 39

## *Project and Funding Status Update*

Program Cycle	Project Funding Approved	Project Funding Allocated	Total Unallocated Funding	Total Projects Approved	Total Projects Closed Out	Annual Energy Cost Savings	Total Utility Incentives
Year 1 (2013-14)	\$39,800,000	\$39,800,000	\$0	298	190	\$4,438,205	\$5,504,278
Year 2 (2014-15)	\$31,595,000	\$31,595,000	\$0	232	105	\$3,315,548	\$5,769,344
Year 3 (2015-16)	\$32,672,000	\$30,564,285	\$2,107,715	172	9	\$2,907,416	\$3,650,418
Year 4 (2016-17)	\$41,875,000	\$16,822,455	\$25,052,545	56	0	\$864,502	\$1,030,905
<b>Totals</b>	<b>\$145,942,000</b>	<b>\$118,781,740</b>	<b>\$27,160,260</b>	<b>758</b>	<b>304</b>	<b>\$11,525,671</b>	<b>\$15,954,945</b>

*Data as of: October 18, 2016*

# CCC/IOU Partnership

## Tips & Best Practices

- Appoint a lead
- Develop a strategy
- Partnership Resources
  - Calculation Assistance
  - Technical Services
  - Auditing Support
  - Enhanced Incentives

***We are here to help!***



# Resources through the Investor Owned Utilities



**CALIFORNIA COMMUNITY COLLEGES  
INVESTOR OWNED UTILITIES (CCC/IOU)**  
Statewide Energy Efficiency Partnership Program

**The CCC/IOU  
Energy  
Efficiency  
Partnership**

The CCC-IOU Energy Efficiency Partnership advocates, promotes and supports energy efficiency in the California Community College system by leveraging resources from the Community College Districts, the Community College Chancellors Office, the State of California, and the four California Investor Owned Utilities, including Pacific Gas & Electric (PG&E), Southern California Edison (SCE), Southern California Gas (SCG), and San Diego Gas & Electric (SDG&E®). This unique Partnership results in achieving common goals for energy use reduction, cost savings, and fostering a more sustainable future.

Please visit  
[www.cccutilitypartnership.com](http://www.cccutilitypartnership.com)  
for more information



**SERVICES AVAILABLE FROM  
THE PARTNERSHIP**

- *Project Identification and Development Technical Assistance* that results in energy and cost savings projects for Districts served by the Partnership
- *Energy Project Incentives* that buy-down the project costs improving economics and payback.
- *Assists the achievement of District Sustainability Goals* through the reduction of GHG emissions and energy cost savings.
- *A One-Stop Portal to other Utility Programs* including Demand Response, Self-Generation, and Renewable Energy.
- *Supports Proposition 39 Program Development* through project identification, implementation, and close-out assistance.
- *Outreach and Education* to communicate program benefits, requirements, and enrollment through campus visits, conference participation, and other events.



Pacific Gas and  
Electric Company



- Benchmarking and Utility Data
  - CISR Form needed to provide information to CEC or Third Parties
- Screening and Project Identification
- Audits
- Assistance with Applications and Incentives
- Calculations and Verification of eligibility



# Program Incentives for 2016

MEASURE	INCENTIVE RATE
<b>Electricity</b>	<u><b>\$.24 / kWh</b></u>
Packaged HVAC, HVAC Controls, Motors, Drives	
Lighting, Lighting Controls, Daylighting	
Central Plants ,Chiller Retrofits, and other major Energy Efficiency Infrastructure Projects	
IT Projects	
<b>Natural Gas</b>	<u><b>\$1.00 / therm (\$1.50 for SCG)</b></u>
<u>ALL</u> Gas Measures	

Note: Lighting and lighting controls project incentives capped at 50% of project cost, all other measures capped at 80% of project costs



# How do Utility Incentives Work?

- Natural Science Building Air Handler Unit Replacement
  - Project Cost \$824,012
  - Prop 39 Funding \$801,667
  - Utility Incentives \$22,214
    - ***86,475 kWh annual savings x \$0.24 = \$20,754***
    - ***973 therms annual savings x \$1.50 = \$1,460***
  - Cost to District \$131

# CCC PROPOSITION 39 PROGRAM PROCESS CHEAT SHEET



Step 1

**Download and Review Prop 39 Guidelines**

[http://extranet.cccco.edu/Portals/1/CFFP/Facilities/Proposition%2039/REVISED\\_Prop\\_39\\_Guidelines\\_Addendum\\_APRIL\\_2016.pdf](http://extranet.cccco.edu/Portals/1/CFFP/Facilities/Proposition%2039/REVISED_Prop_39_Guidelines_Addendum_APRIL_2016.pdf)

Step 2

**Contact CCC/IOU Partnership Utility Account Rep (or NAM if in POU territory)**

<http://www.cccutilitypartnership.com/>

Step 3

**Develop Project Lists, Perform Energy Savings Calculations, and Submit Utility Incentive Application and Prop 39 Form B**

**CCC/IOU Partnership can assist with Technical Resources. See Guidelines Section 4 & 5 for more information**

Step 4

**Utilities Approve Incentive**

**CCCCO Approves Prop 39 Funding**

**If project meets all criteria. See Guidelines Section 6 & 7 for more information**

Step 5

**District Issue RFQ/RFP, Award Contract, Install Project**

**Review Guidelines Section 9 & 10 for more information**

Step 6

**Project Close-out**

**Utility Incentive Inspection & Verification, Submit Form J and Form F**

**See Guidelines Section 12 for more information**

*For assistance or more information go to:*  
<http://www.cccutilitypartnership.com/>



# 2016+ Program Updates

## CPUC issued Final Decision

- Approves Energy Efficiency Rolling Cycle and Business Plans – potentially 5 years of funding for the CCC's
- Future of Energy efficiency
- Leveraging all applicable dollars
- Public sector

## Key Legislation

- SB 350: Doubled Energy Efficiency Goals by 2030
- AB 802:
  - Bring existing buildings to code and beyond
  - Meter-Based Performance (P4P)
  - Behavioral and Operational Measures



# Wrap Up

- Key Priorities

- Districts close-out completed projects for IOU incentives and Prop 39 reporting
- Keep up the good work! CCC's effectively taking advantage of Prop 39 vs. slower progress by K-12.
- Would like results to translate to program extension or new program to fund energy projects in the future!



# Questions?

## *Key Contacts*

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<http://www.cccutilitypartnership.com/>

[http://extranet.cccco.edu/Portals/1/CFFP/Facilities/Proposition%2039/REVISED Prop 39 Guidelines Addendum APRIL 2016.pdf](http://extranet.cccco.edu/Portals/1/CFFP/Facilities/Proposition%2039/REVISED_Prop_39_Guidelines_Addendum_APRIL_2016.pdf)