

*SDG&E PROP 39 CASE STUDY
CAJON VALLEY UNION SCHOOL DISTRICT*

Prop39 Assistance

- Public k-12 Schools Sustainability Strategy Collaborative (Collaborative)
- Energy Efficiency Program Offerings
- Case Study
- Results To Date
- 2016 Plans

K-12 Collaborative

Mission Statement

Foster collaboration and best practice sharing amongst the K-12 Schools across the SDG&E service territory, focusing on the next wave of sustainability initiatives aimed at reducing operating costs while benefitting both the classroom and local environments. Provide support and streamline Proposition 39 energy projects approval and implementation.

- Bi-monthly meeting to discuss Prop 39 Implementation
- Training/Education
- Continue to support LEA's through this forum
- Pilot programs

Energy Assessment & Solutions (EA&S)

SDG&E will continue to provide energy audits thru our Energy Assessment and Solutions Program (EA&S) to assist in the approval of Prop 39 Energy Expenditure Plans

Summary of EA&S Program to date:

Audits Completed: 131

- Total Potential kWh Savings: ~19M

7 school districts with approved Energy Expenditure Plans (EEP)

- ~\$8.5M EEP approved funding
- ~5.3M annual kWh savings
- ~\$1.1M annual cost savings

Key Factor in CVUSD's Prop 39 Plan ...

ASHRAE LEVEL II AUDITS

- **Free** through SDG&E's Energy Assessment & Solutions Program
- All District Sites (27) & Buildings (447)
- Performed by IES
- Provided detailed information for decision making & required back-up

Case Study – Cajon Valley Union School District



5-year Expenditure Plan – Project Matrix

Site	Lighting Retrofits	PC Network Mgmt	Vending Misers	HVAC Replacements
Anza Elementary	*	*	*	
Avocado Elementary	*	*	*	
Blossom Valley Elementary	*	*	*	
Bostonia Elementary	*	*	*	*
Cajon Valley Community Day	*	*		
Cajon Valley Middle	*	*		
Chase Avenue Elementary	*	*	*	
Crest Elementary	*	*		
District Office	*	*		
Emerald Middle	*	*	*	
Flying Hills Elementary	*	*		
Fuerte Elementary	*	*		
Greenfield Middle	*	*		
Hillsdale Middle	*	*		
Jamacha Elementary	*	*		
Johnson Elementary	*	*	*	
Los Coches Creek Middle	*	*	*	
Madison Avenue Elementary	*	*		
Magnolia Elementary	*	*	*	
Meridian Elementary	*	*		
Montgomery Middle	*	*	*	*
Naranca Elementary	*	*	*	
Rancho San Diego Elementary	*	*		
Rios Elementary	*	*		
Sevick Special Education	*	*		
Vista Grande Elementary	*	*		
W. D. Hall Elementary	*	*	*	

Case Study – Cajon Valley Union School District

5-year Expenditure Plan – Estimated Funding & Costs

- Estimated Funding Amounts
by Source

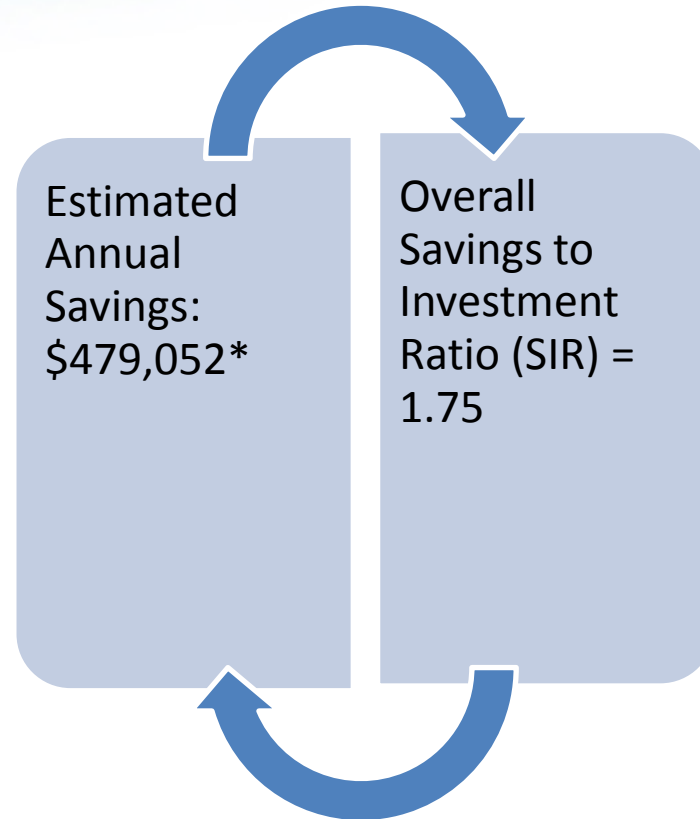
Prop 39 Funding	\$ 3,350,005
Rebates	\$ 144,555
Bond Contribution	\$ 260,048
Total Est. Funding:	\$ 3,754,608

- Estimated Project Costs by
Measure

Lighting Retrofits:	\$ 1,116,061
PC Network Management:	\$ 195,917
Vending Misers:	\$ 2,880
HVAC:	\$ 2,439,750
Total Est. Project Costs:	\$ 3,754,608

Case Study – Cajon Valley Union School District

- Anticipated Savings



*Much of the savings will likely be cost avoidance.

SDG&E Service Territory Prop 39 Results-To-Date

- 48 approved EEP's
- \$47.5 million in Prop 39 encumbered funds
- Estimated annual energy savings – 15 mil kWh
- Estimated annual cost savings - \$3.3 million
- Estimated GHG reduction – 9.4 million pounds CO2 emissions
- Estimated demand reduction – 4.7 MW
- Estimated job years created - 192

2016 Strategic Objectives

- Support the remaining 27 school districts in securing their first CEC EEP approval
- Establish best practices in M&V reporting
- Launch Ad Hoc Energy Storage Working Group
- Share learnings from ZNE pilot project with SDUSD
- Continue K-12 Schools Energy Conservation Competition
- Support all K-12 school districts in installation and commissioning of all Prop 39 projects

K-12 Collaborative Testimonials

- **Darin Vey/San Diego Unified School District**

"These meetings are valuable due to the collaboration with other school districts. K-12 School Districts learn from each other which saves time and ensure quality for Prop 39 projects."

- **Rigoberto Garcia/Sweetwater Union High School District**

"The entire K-12 community will reap the rewards of the ongoing Collaborative for implementing the best energy conservation solutions across our school districts."

- **Mark Pong/Del Mar Union School District**

"Many districts, including Del Mar, have been able to successfully apply for funding and begin energy efficiency projects, all due to the efforts of the Collaborative."

- **Sharon Dobbins/Cajon Valley Union School District**

"The San Diego County school districts who have chosen to be a part of the Collaborative and attend regularly have a distinct advantage."

- **Chris Rizzuti/Grossmont Union High School District**

"The K-12 School Collaborative has been an excellent forum to help Districts navigate and take full advantage of the Prop 39 Program."

QUESTIONS

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