



PG&E SUPPORT OF SCHOOLS AND PROPOSITION 39

Maril Pitcock

PG&E, Director- Products and Programs

IOUS AND CALIFORNIA'S SCHOOLS: THREE DECADES OF WORKING TOGETHER ON ENERGY EFFICIENCY

Over last five years, IOUs have served classrooms, administrative offices, food service facilities, and athletic facilities

- Worked directly with 9,000 school accounts
- Performed nearly 5,000 audits
- Benchmarked 2,500 schools
- Facilitated investment of over \$115 million in EE upgrades by providing \$62 million in rebates and incentives
- Saved 280,000 MWh, 51 MW, 4.3 million therms, 220,000 metric tons CO₂

PG&E PROGRAMS

Programs/ Resources

- Support pre-K through K-12, California Community Colleges and universities
- Support for Energy Efficiency, Demand Response, & Distributed Generation
- Benchmarking, Audits, RCx, Incentives, Financing, etc.
- Rebates apply to lighting, HVAC, boilers, food service equipment, energy management controls, and more
- Educational resources for teachers and students
- Workforce Education, Outreach, and Training

PG&E PROGRAM AND RESOURCE SUPPORT

Assess

- Resource Guide
- Rate Analysis
- Expenditure Plans
- Benchmarking

Identify Projects

- Project Selection Guidance
- Audits
- RCx
- Emerging Technologies

Prepare

- Financing
- Engineering assistance

Execute

- Incentives/ Rebates
- Direct Install

Post-Install

- Post Install Report
- Educational Programs

PG&E's Account Representatives, Government Partnerships, Third Party Programs can provide support throughout the process

"EXAMPLE TARGETING TOOL"

Benchmarking

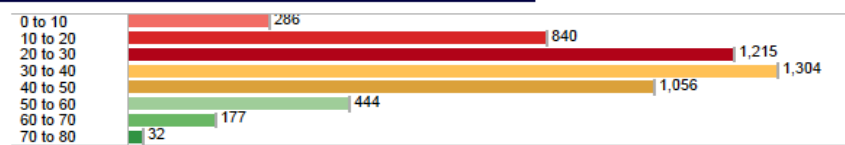
Program Participation

Opportunity Identification

K-12 Prioritization

[Show Scores Above](#)

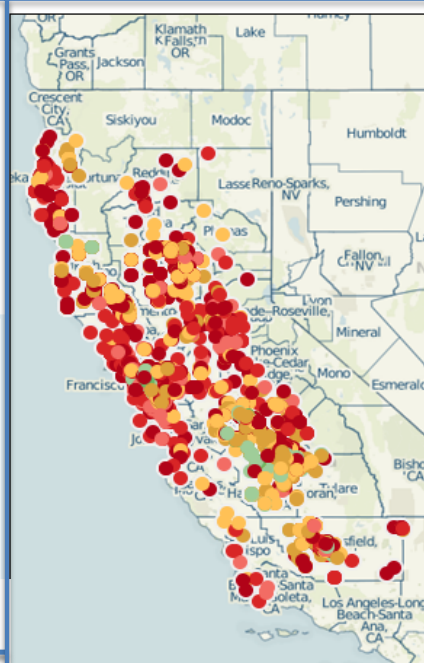
Opportunity Score Distribution
for selected score criteria



School Location	Total Score	Need			Performance			Capacity	
		Meals	Yr Rnd	Poverty	EE	Usage	Audit	Benchmark	Dist Gen
School 5773	79	●	●	●	●	●	●	●	●
School 9274	79	●	●	●	●	●	●	●	●
School 1360	79	●	●	●	●	●	●	●	●
School 6575	79	●	●	●	●	●	●	●	●
School 7618	79	●	●	●	●	●	●	●	●
School 3781	79	●	●	●	●	●	●	●	●
School 5867	79	●	●	●	●	●	●	●	●
School 7953	79	●	●	●	●	●	●	●	●
School 8017	79	●	●	●	●	●	●	●	●

Energy Usage & Energy Efficiency Program Participation For Selected Naics 1 Industry Group(s). Districts shown for Public K-12 Only - Click on rows below to filter usage graphs

	Total kWh Usage	Total kWh Savings	Total Thm Usage	Total Thm Savings
Not Public K-12	9,701,445,628	275,534,400	550,079,795	11,537,795
Manteca Unified	28,660,512	2,836,280	1,389,838	153,795
Hayward Unified	33,874,806	2,336,856	1,679,031	6,795
East Side Union High	42,281,593	2,284,862	64,591	0
Santa Maria-Bonita	21,541,180	2,203,661	0	0
Unknown	137,041,336	2,031,752	7,184,707	69,795
Stockton Unified	88,556,677	1,813,239	2,493,882	5,795
Fresno Unified	210,515,544	1,788,432	5,883,245	59,795
Gilroy Unified	27,103,028	1,551,666	1,055,067	9,795
West Contra Costa Unified	39,634,346	1,517,290	1,355,487	5,795



Category Allocation


Capacity

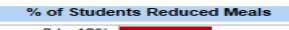
Need

Performance


Need


Year Round

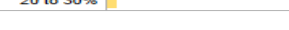
Traditional 


Year Round 

% of Students Poverty

0 to 10% 


0 to 10% 


10 to 20% 

20 to 30% 

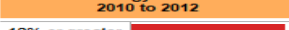
Performance


Audits


No Audit 


General Audit 


Energy Trend 2010 to 2012


-10% or greater 


-10 to -5% 

-5% to +5% 

+5% to +10% 

+10% to +20% 

> 20% 



SMART SCHOOLS SYMPOSIUM 2013

PG&E CASE STUDY: CLOVIS UNIFIED SCHOOL DISTRICT

“We managed to keep our energy bills the same for the last five years... in spite of increasing our square footage by...800,000 sq. ft.”

Don Ulrich, Asst. Superintendent, CUSD

- Improvements (2008-2013):
 - HVAC controls and tune-ups
 - Lighting, motors, water heaters, PC power management
 - Chillers, boilers, controls, pool heaters, pool covers
 - New construction design assistance

- Energy Savings: 3,060,175 kWh
195,722 Therms
1,094 kW

- Incentives: \$686,380

