

# PROP 39 ENERGY LACOE and LAUSD

October 30, 2015

Pasadena, CA



Los Angeles County  
Office of Education





"Green energy"? — This isn't about *spinach*, is it?"

# WHAT IS PROP 39 ENERGY?

- Clean Energy Job Act
- Passed Nov 2012
- Signed June 2013
- 5 years
- \$550M annually
- Funded by corporate taxes
- Administered by the California Energy Commission
- For eligible LEA's
- To improve energy efficiency and expand clean energy generation in schools



# IMPLEMENTATION UPDATE

- What year of implementation is this?
- Who's participated so far?
- How much has been authorized overall?
- Are school districts and community colleges holding back?

# LA COUNTY RECAP

• <b>EEP Grant Amount Approved to date</b>	<b>\$90,824,498</b>
• <b>LEAs with approved plans</b>	<b>57</b>
• <b>Planning Fund Budget Totals</b>	<b>\$20,025,279</b>

# LA COUNTY RECAP: 10 largest awards

<b>Local Education Agency Name</b>	<b>Planning Fund Budget</b>	<b>EEP Grant Amount Approved</b>
<b>Baldwin Park Unified</b>	<b>\$226,631.00</b>	<b>\$1,951,256.00</b>
<b>El Monte City School District</b>	<b>\$144,797.00</b>	<b>\$2,017,022.00</b>
<b>Hawthorne Elementary</b>	<b>\$130,000.00</b>	<b>\$2,041,540.00</b>
<b>Lynwood Unified School District</b>	<b>\$0.00</b>	<b>\$3,789,340.28</b>
<b>Palmdale Elementary School District</b>	<b>\$215,000.00</b>	<b>\$4,452,800.00</b>
<b>Norwalk-La Mirada Unified</b>	<b>\$289,023.00</b>	<b>\$4,534,818.00</b>
<b>Downey Unified School District</b>	<b>\$300,000.00</b>	<b>\$4,707,244.00</b>
<b>Hacienda La Puente Unified School District</b>	<b>\$335,367.00</b>	<b>\$5,309,541.14</b>
<b>Compton Unified</b>	<b>\$369,863.00</b>	<b>\$5,701,627.00</b>
<b>LOS ANGELES UNIFIED SCHOOL DISTRICT</b>	<b>\$13,563,205.00</b>	<b>\$26,573,576.83</b>

# LA COUNTY RECAP: 10 smallest awards

<b>Local Education Agency Name</b>	<b>Planning Fund Budget</b>	<b>EEP Grant Amount Approved</b>
<b>Los Angeles Leadership Academy</b>	<b>\$57,700.00</b>	<b>\$58,460.00</b>
<b>Para Los Ninos Charter</b>	<b>\$0.00</b>	<b>\$64,427.00</b>
<b>Learning Works Charter School</b>	<b>\$17,767.00</b>	<b>\$112,040.00</b>
<b>Life Source International Charter</b>	<b>\$22,875.00</b>	<b>\$115,662.00</b>
<b>La Canada Unified School District</b>	<b>\$130,000.00</b>	<b>\$130,967.38</b>
<b>Palisades Charter High School</b>	<b>\$37,675.00</b>	<b>\$183,018.00</b>
<b>South Pasadena Unified</b>	<b>\$130,000.00</b>	<b>\$226,650.00</b>
<b>Animo College Preparatory Academy</b>	<b>\$14,585.44</b>	<b>\$257,528.00</b>
<b>Downtown Value</b>		<b>\$263,755.50</b>
<b>Lennox SD - LMSTA</b>	<b>\$57,427.00</b>	<b>\$284,694.00</b>

# LA COUNTY RECAP

**So many LEAs**

**So few approved plans**

**LEAs with approved plans total =**

**57/398**



# LA COUNTY RECAP

How do we get more participation in the program?

So far three seminars at LACOE with the CEC

Prop 39 the topic of at least three LA County Facilities Network meetings

What is holding the schools back?

# LA COUNTY RECAP

- California Conservation Corps Inspections
- Free ASHRAE inspections to meet Prop 39 requirements
- Status of applications from LA County:
  - **Applied** **19**
  - **Contacted (more info)** **11**
  - **Accepted** **2**
  - **Active (scheduled )** **2**
  - **Surveyed** **4**
  - **Completed** **0**

# LA COUNTY RECAP

- Project type distribution:
  - Lighting and controls = 57%
  - HVAC and controls = 27%
  - Other measures = 16%
- New prop 39 and Title 24 (part 6) rules for 2016; stay tuned

# LA COUNTY RECAP

- Despite the low rate of participation so far...
- Some great success stories
- Time to start thinking about close-out and audit cycle

# LACOE'S PROCESS



Los Angeles County  
Office of Education

RFQ/RFP

ESCO  
selection

Evaluation  
of energy  
baseline  
and audit

Report

Decisions

Implementation

# PROJECT PERSPECTIVE

LACOE-owned buildings  
(no leases)

Administration Buildings

Several Schools

# LACOE'S PROJECT REPORT



Interior and exterior LED lighting upgrades



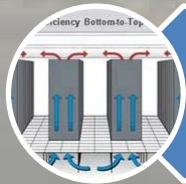
Mechanical system replacements and improvements



Energy Management System upgrade



Water Conservation



Retro Commissioning



Solar PV renewable energy generation systems



# IMPLEMENTATION & SCHEDULE

- ESCO turnkey design-build implementation
- Will consider use of Government Code section 4217.10 et. seq.
- 12 month schedule from NTP (4 months for planning, 6 for construction, 2 for closeout)



# ENERGY SAVINGS IMPACT

- Reduce consumption by approximately 2,249,914 kWh of electricity per year (27% reduction) and approximately 1,071 therms per year (7% reduction)
- Conserve 10,660,893 gallons of water per yr
- Reduce 3,877 metric Tons carbon dioxide per yr
- Hedge against future energy price increases

Leverage Prop 39 funds \$1,590,205

# FINANCIALS

- Estimated cost = \$4M to \$11M
- Potential grants & rebates = \$58,508
- Proposed savings over life for project = \$4M

# LESSONS LEARNED

Be aware of  
marketing strategies

Prepare/educate  
your co-workers and  
leaders

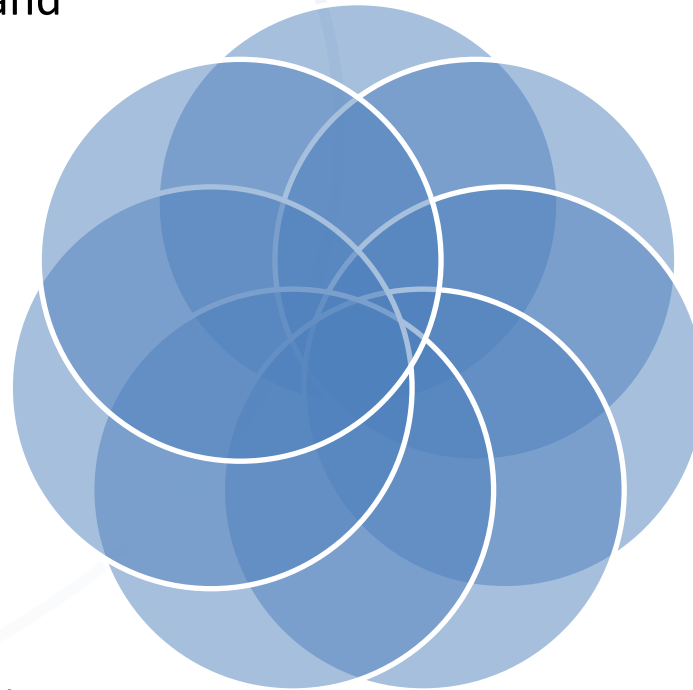
Read, read, read...  
information

Spend time with  
your team; get to  
know each other;  
ask questions and  
more questions

Streamline energy  
use thru education  
& influence  
behavior

Consider  
maintenance in the  
long run

Advocate for \$  
beyond Prop 39

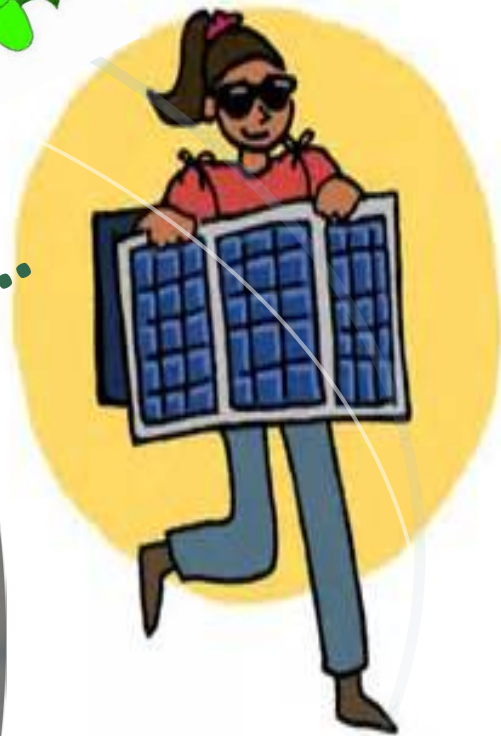




# TIPS & RESOURCES

- **The California Clean Energy Jobs Act (Proposition 39 (K-12) Program)**
- **COMING SOON! Energy Expenditure Plan Reporting Online System** so LEAs can begin reporting on approved Energy Expenditure Plans (EEPs) on November 2, 2015
- Annual Progress Reports: LEAs must submit an annual progress report for each approved Energy Expenditure Plan (EEP)
- Final Project Completion Reports: After all eligible energy measures within an approved EEP have been completed, LEAs will submit the final completion report 12 to 15 months after completion. A final project completion report must be completed for each approved EEP.
- For this first reporting cycle, LEAs **must submit all reports by December 31, 2015**
- The Energy Commission will provide instructions, information, and training for the new online reporting system in the next two weeks
- Questions may be directed to [Prop39@energy.ca.gov](mailto:Prop39@energy.ca.gov) or the Proposition 39 Hotline, toll-free at 855-380-8722, or for those out-of-state at (916) 653-0392

HALLOWEEN  
INSPIRATION...





# CONTACT INFO

## **Jema Estrella**

Director, Facilities and Construction  
Los Angeles County Office of Education  
(562) 922-8981  
Estrella\_Jema@lacoed.edu

## **Bill Deegan**

Business Advisory Service Manager  
Los Angeles County Office of Education  
(562) 922-6623  
Deegan\_Bill@lacoed.edu