



## California Energy Commission



# California Clean Energy Jobs Act

## Proposition 39 (K-12) Program

*Draft Guideline Revisions*

*May 11, 2016*



## Agenda

- 1) Status of the Program**
- 2) Proposed Changes to Prop 39 Guidelines**
  - ✓ **Schedule**
  - ✓ **Review Proposed Revisions**
- 3) Questions, Answers, Comments**



# Proposition 39 K-12: *Information*

**Energy Commission's Prop 39 web page:**

<http://www.energy.ca.gov/efficiency/proposition39/index.html>

**Contact our Prop 39 Hotline:**

(855) 380-8722 (*Toll-free in-state*)

(916) 653-0392 (*Toll-line out-of-state*)

**Contact us by email:**

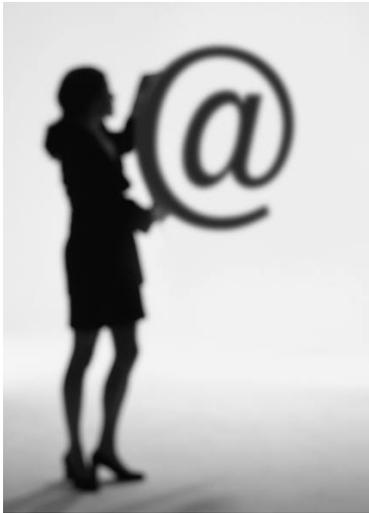
[Prop39@energy.ca.gov](mailto:Prop39@energy.ca.gov)





# Comments?

Please email comments to:  
[docket@energy.ca.gov](mailto:docket@energy.ca.gov)



**Subject Line:**

**Prop 39 Guidelines: 13-CCEJA-01**



*Let's talk about  
Program Status*



## Proposition 39 (K-12) Funding Status

### Applications Received

- 1,035 Energy Expenditure Plans
- 3,676 School Sites
- Total Funds Requested: \$710 million

### Applications Approved

- 889 Energy Expenditure Plans
- 3,130 School Sites
- Total Funds Approved: \$624 million

*as of 05.06.2016*



## Examples of Approved Measures

(as of 05.06.2016)

Energy Measure Category	# of Measures Approved	Percentage Approved
Lighting	5,385	47%
HVAC	1,859	17%
Lighting Controls	1,274	11%
HVAC Controls	1,187	11%
Plug Loads	617	6%
Solar (PV)	284	3%
Pumps, Motors, Drives	263	2%
Building Envelope	162	1%
Other	273	2%
<b>TOTAL:</b>	<b>11,304</b>	



# Projected Annual Savings

**\$46 million**

**Approved projects are estimated to save:**

- 249 million kWh
- 1.6 million therms
- 80,000 gallons of propane
- 67,000 gallons of fuel oil

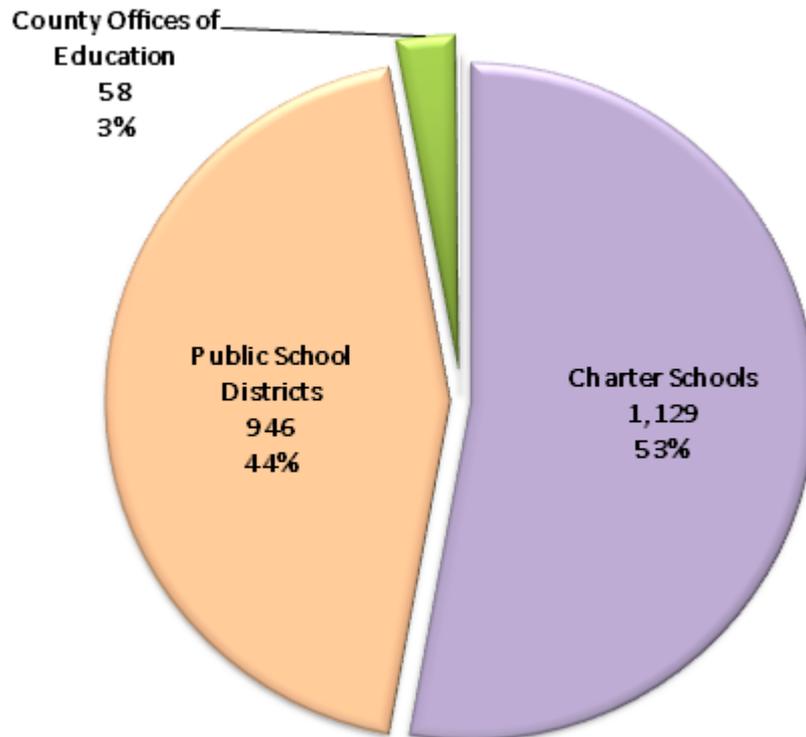
*(as of 05.06.2016)*





## K-12 Program

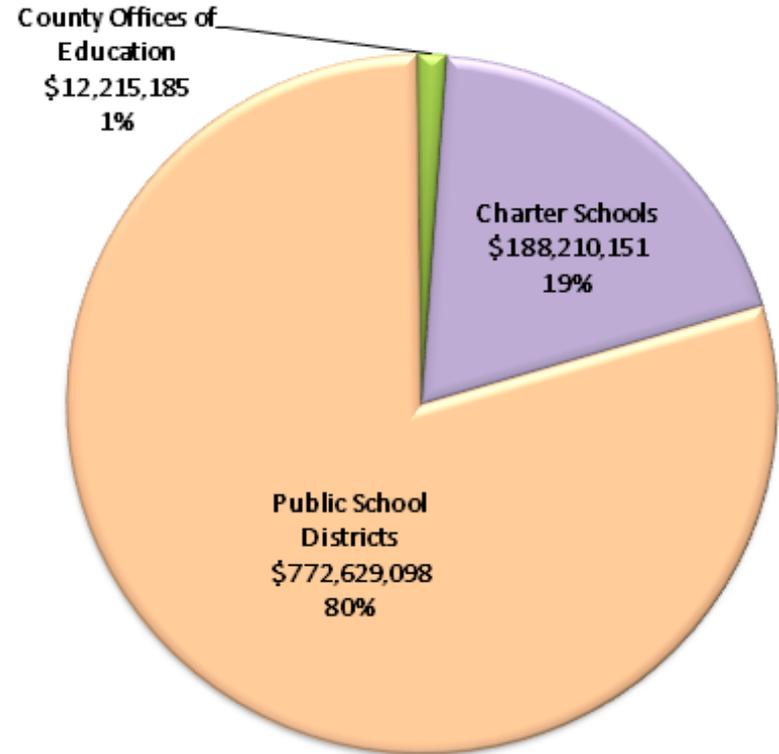
### Local Educational Agencies (LEAs)



2,136 Total LEAs

*(3 State Special Schools not shown above)*

### Allocation by LEA



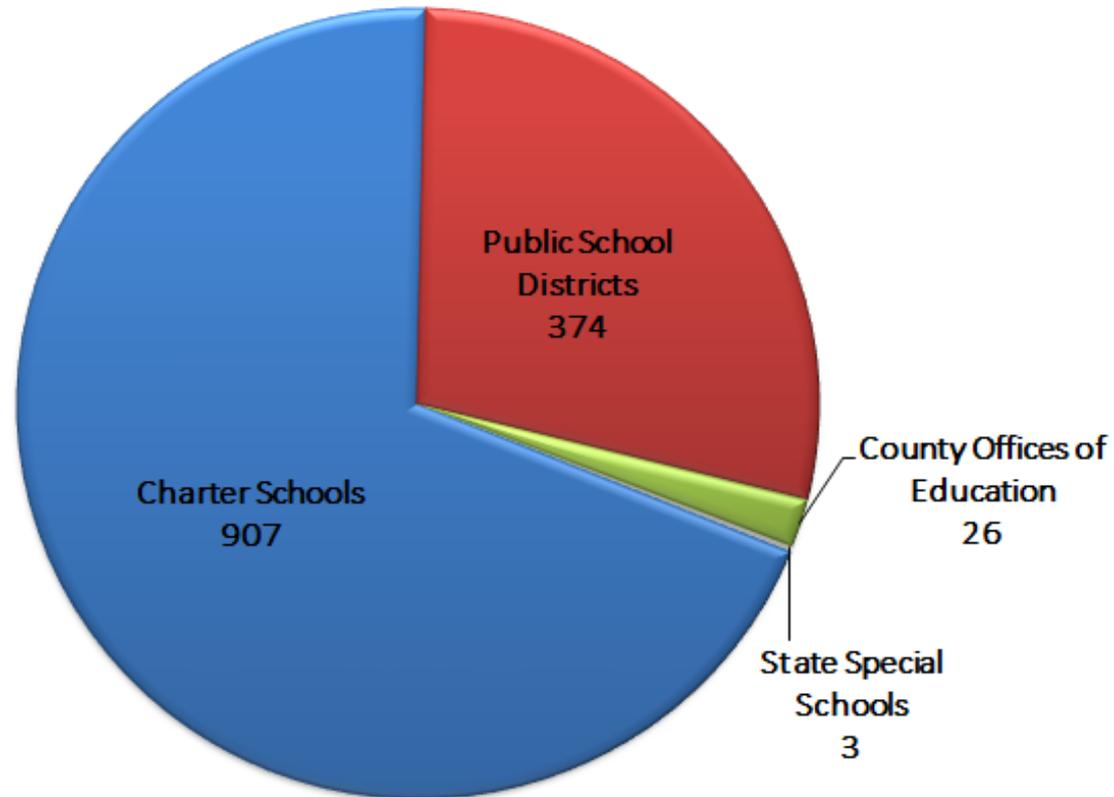
\$973 M Total Allocations



# California Energy Commission

## LEAs Not Participating

*As of May 10, 2016*



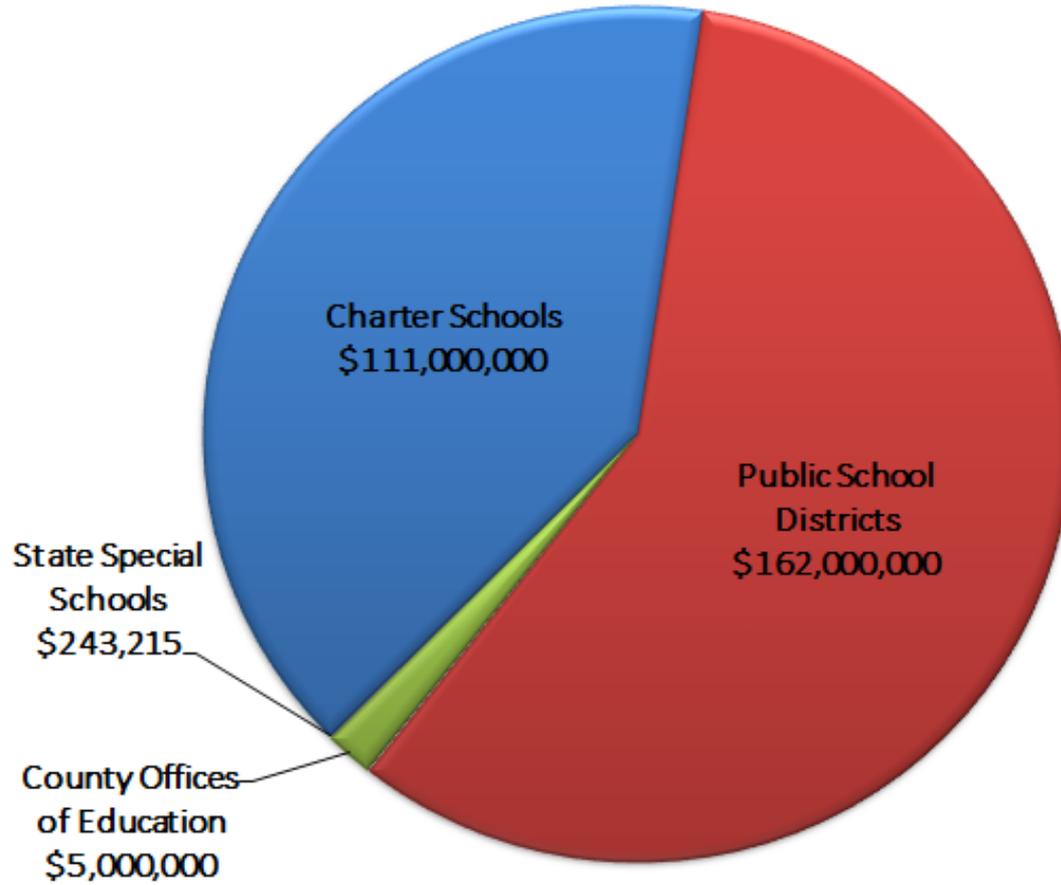
A total of 1,310 LEAs Not Participating



## California Energy Commission

# Prop 39 Allocation Not Yet Requested

*As of May 10, 2016*



\$278 Million Total Allocation Not Yet Requested

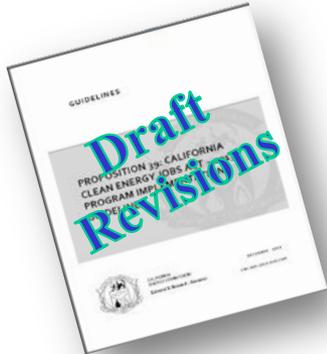


*Let's talk about  
Guideline Revisions*



# Prop 39 Guidelines Revisions

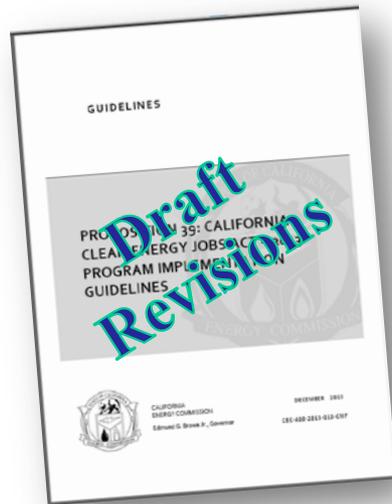
## Summary of Public Process



- ✓ First Draft Released (April 27, 2016)
- ✓ 30 Day Public Comment Period  
( April 27 through May 27, 2016)
- ✓ Public Meeting/Webinar (May 11, 2016)
- ✓ Second Draft Released (May 2016)
- ✓ Energy Commission Business Meeting  
(June 8, 2016)



# Proposition 39 Guidelines - Revisions



## Draft Guidelines:

- 1) Proposition 39: California Clean Energy Jobs Act – 2016 Program Implementation Guidelines
- 2) Summary of Proposed Changes

**All documents are online now!**

<http://www.energy.ca.gov/efficiency/proposition39/index.html>



# Summary of Changes

### Various Pages:

- **Minor Word Changes/Edits**
  - ✓ **Example:** California Workforce Investment Board (CWIB) was renamed California Workforce Development Board (CWDB)



# Summary of Changes

## Page 1:

- **Background and General Information**
  - ✓ Updated funding allocations to eligible entities using the CA Budget Act 2015-2016 appropriation.

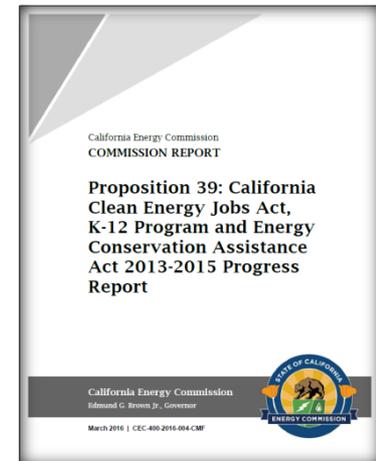


## Summary of Changes

### Page 10:

- **Schedule:**

- ✓ Changed the date the Commission will report to Citizen Oversight Board, from January 1 to January 31.





## Summary of Changes

### Page 12:

- **Annual Award Calculation:**

✓ Updated link to CDE's website:

<http://www.cde.ca.gov/fg/fo/r14/prop39ccej15result.asp>

### Entitlement Information



California DEPARTMENT OF EDUCATION

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Home / Finance & Grants / Funding / Funding Profiles / Funding Results

### Funding Results

Proposition 39 - California Clean Energy Jobs Act

Note: Recipients and funding amounts are subject to budget and administrative adjustments.

Proposition 39 - California Clean Energy Jobs Act program entitlements, apportionments, and letters detailing funding information for fiscal year 2015-16.

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Program Questions: California Energy Commission, e-mail [prop39@cde.ca.gov](mailto:prop39@cde.ca.gov), tel. 855-380-8722

Fiscal Questions: Thi Huynh, e-mail [prop39fiscal@cde.ca.gov](mailto:prop39fiscal@cde.ca.gov), tel. 916-324-4555

#### Entitlements

[Proposition 39 - 2015-16 Revised Entitlements \(XLS, Updated 29-Jan-2016\)](#)

#### Apportionments

**First Apportionment**

[Letter of the First Apportionment 28-Jan-2016](#)  
[Schedule of the First Apportionment \(XLS\)](#)

[More about Proposition 39 - California Clean Energy Jobs Act](#)

Last Reviewed: Wednesday, February 10, 2016

Related Content

[Funding Profile](#)  
Eligible, funding amounts, important dates, and contacts.

[Search CDE Funding](#)  
Search funding by fiscal year, status, type, and topic.

[Funding Results](#)  
Search information about recipients of funds.

Recently Posted in Funding

[Res 16, EHCY Program](#), updated 04-May-2016  
Funding results for the Education for Homeless Children and Youth (EHCY)



## Summary of Changes

### Consolidated Entitlement

- **Multi-year Schedule:**

<http://www.cde.ca.gov/fg/aa/ca/prop39ccejaa.asp>

*Consolidated fiscal information for  
Fiscal years*

*2013-14 through 2015-16*



California DEPARTMENT OF EDUCATION

Home / Finance & Grants / Allocations & Apportionments / Categorical Programs

### Proposition 39 California Clean Energy Jobs Act

A state program providing funding to local educational agencies for improving energy efficiency and creating clean energy jobs.

Share this Page

Consolidated Entitlement

[Proposition 39 - Multi-year Schedule](#) (XLS, Updated 19-Jan-2016)  
Consolidated fiscal information for fiscal years 2013-14 through 2015-16

**Fiscal Year 2015-16**

[Proposition 39 - 2015 Funding Profile - Program Description and Funding](#)  
[Proposition 39 - 2015 Funding Results - Entitlements, Apportionments, and Letters](#)

**Fiscal Year 2014-15**

[Proposition 39 - 2014 Funding Profile - Program Description and Funding](#)  
[Proposition 39 - 2014 Funding Results - Entitlements, Apportionments, and Letters](#)

**Fiscal Year 2013-14**

[Proposition 39 - 2013 Funding Profile - Program Description and Funding](#)  
[Proposition 39 - 2013 Funding Results - Entitlements, Apportionments, and Letters](#)

Recently Posted in Allocations & Apportionments

[Est/CashFlow\\_15\\_Select Programs](#) (XLS) (added 04-May-2016)  
Estimated Cash Flow for select programs for fiscal year 2015-16.

[Principal Apportionment, Fiscal Year 2015-17](#) (added 02-May-2016)  
Distribution of funds for local educational agencies (LEAs) in support of the public school system. Includes elementary school, high school and unified school districts; charter schools; and county offices of education.



## Summary of Changes

### Page 18-19:

- **Step 1: Electric & Gas Usage/Billing Data**

- ✓ Provides clarifying language to CEC forms LEAs must use to authorize release of utility data information, and to identify all electric and natural gas accounts.



## Summary of Changes

### Page 19-20:

- **Table 3: Utility Billing Data Reporting Schedule**

Utilities to report annually to the Energy Commission by December 31

Initial Energy Expenditure Plan Submission Period	Initial Data Reporting Period:	Ongoing Data Reporting Period:
1/1/2014 – 6/30/2014	7/1/2012 – 6/30/13	7/1/2013 – 6/30/23
7/1/2014 – 6/30/2015	7/1/2013 – 6/30/14	7/1/2014 – 6/30/23
7/1/2015 – 6/30/2016	7/1/2014 – 6/30/15	7/1/2015 – 6/30/23
7/1/2016 – 6/30/2017	7/1/2015 – 6/30/16	7/1/2016 – 6/30/23
7/1/2017 – 6/30/2018	7/1/2016 – 6/30/17	7/1/2017 – 6/30/23



## Summary of Changes

**Page 23-24:**

- **Step 5: Eligible Energy Measure Identification**



- ✓ Clarifies when an energy audit (not necessarily an ASHRAE level 2 energy audit) is required with the submittal of an energy expenditure plan.



# Summary of Changes

## Page 27:

- **Step 6: Cost-Effectiveness Determination**



✓ LEAs with “First Preference” Power Rates:

Added an option for LEAs located in Calaveras, Tuolumne and Trinity counties to use an alternative electric rate to meet the cost effectiveness determination requirement, saving to investment ratio.



## Summary of Changes

### Page 27:

- **Step 7: Complete and Submit an Energy Expenditure Plan(s)**

#### **A: Submission of Energy Expenditure Plan(s)**

- ✓ LEAs are encouraged to request the total amount of the CDE allocation.





## Summary of Changes

**Page 33-35:**

- **Step 8: Energy Project Tracking and Reporting**



- ✓ Provides clarification on when and how LEAs should report work progress, final project completion, and energy savings after project completion.



## Summary of Changes

### Page 37:

- **Job Creation Benefits**

- ✓ Statute language pertaining to the job creation benefits was missing. Added the language directly from Public Resource Code Section 26240(e).





## Summary of Changes

### Page 39 and Appendix F-2:

- **Contracts – Best Value Criteria**
  - ✓ Definition of Best Value Criteria (Section 20133 of Chapter 1, Part 3, Division 2 of the Public Contract Code) was repealed. Added the legal reference.



# Summary of Changes

### Page 40:

- **Retroactive Funding of Projects**

- ✓ Proposition 39 does allow for retroactive funding. Removed the word “no” in the title “No Retroactive Funding of Projects”.



## Summary of Changes

### Page Appendix A-1 and A-3:

- **Funding Allocation**

- ✓ Updated Funding to include fiscal year 2015/16.



## Funding Allocation

	Fiscal Year 2013/14 <i>(millions)</i>	Fiscal Year 2014/15 <i>(millions)</i>	Fiscal Year 2015/16 <i>(millions)</i>
K-12 Awards	\$381	\$279	\$313
Community College Districts	\$47	\$39	\$39
ECAA – (0% interest loans & tech. assist.)	\$28	\$28	\$0
California Workforce Investment Board	\$3	\$3	\$3
California Conservation Corps	\$5	\$5	\$5
<b>TOTALS</b>	<b>\$464</b>	<b>\$354</b>	<b>\$360</b>



# California Energy Commission

## Funding Allocation

	Fiscal Year 2013/14 <i>(millions)</i>	Fiscal Year 2014/15 <i>(millions)</i>	Fiscal Year 2015/16 <i>(millions)</i>	Fiscal Year 2016/17 <i>(millions)</i> <i>(Proposed)</i>
K-12 Awards	\$381	\$279	\$313	\$365
Community College Districts	\$47	\$39	\$39	\$45
ECAA – (0% interest loans & tech. assist.)	\$28	\$28	\$0	\$0
California Workforce Investment Board	\$3	\$3	\$3	\$3
California Conservation Corps	\$5	\$5	\$5	\$5.4
<b>TOTALS</b>	<b>\$464</b>	<b>\$354</b>	<b>\$360</b>	<b>\$419</b>



## Summary of Changes

### Page Appendix E:

- **Effective Useful Life for Energy Measures in Years**



- ✓ Added clarification to Packaged/Split Unit Replacement:

- ✓ Packaged split systems
- ✓ Air Conditioner
- ✓ Heat Pump
- ✓ Variable Refrigerant Flow



## Summary of Changes

### Page Appendix E: *(continued)*

- **Effective Useful Life for Energy Measures in Years**



- ✓ Added energy measures to Appendix E:
  - ✓ Fan Coil/Unit Ventilator/Condensing Unit Replacement
  - ✓ Demand Control Ventilation
  - ✓ Occupancy Controls/Door Switches
  - ✓ Weather Stripping



## Summary of Changes

### Page Appendix E: *(continued)*

- **Effective Useful Life for Energy Measures in Years**



- ✓ Added energy measures to Appendix E:
  - ✓ Pool Heater/Boiler Replacement
  - ✓ Domestic Hot Water Controls
  - ✓ Kitchen Equipment Controls





## Summary of Changes

### Page Appendix E: *(continued)*

- **Effective Useful Life for Energy Measures in Years**

- ✓ Retro-commissioning (Continuous)

- ✓ EUL of 10 years



- (with a 5-year maintenance commitment)



## Summary of Changes

### Page Appendix E: *(continued)*

- **Effective Useful Life for Energy Measures in Years- changed for:**
  - ✓ High Efficiency Transformer
  -  ✓ Increased EUL to 20 years





## Summary of Changes

### Page Appendix E: *(continued)*

- **Effective Useful Life for Energy Measures in Years**

✓ Warranty Clarifications for:

✓ Advanced Battery Storage

✓ Solar Photovoltaic



Buena Vista SD - Buena Vista ES  
Tulare, CA

27.3 kW



## What's Next in 2016?

- 1) Guideline Revisions Consideration/Adoption (June)
- 2) Revisions to the EEP Handbook and Energy Savings Calculators (Summer)
- 3) Public Searchable Database (Summer)
- 4) Second Reporting Cycle (July 1 - September 30)
  - Annual Progress Reporting
- 5) Final Project Completion Reporting (on-going)

A screenshot of the California Energy Commission's reporting portal. The page shows a navigation menu with "EXPENDITURE PLAN", "PROGRESS REPORT", "PROFILE", and "ABOUT". The main content area is titled "Report Summary" and displays applicant information for "Central Union Elementary School District". It includes fields for "Local Education Agency (LEA) Name", "Address", "LEA CDS Code", "City", "County", and "Zip". Below this, there is a table for "Annual Report" with columns for "Energy Expenditure Plan Submission ID", "Final Year Energy Expenditure Plan Submitted", "Grand Annual Responsibility", and "Project ID". The table shows a submission for 2013-14 with a project ID of 1.01. A "Review EEP" button is visible next to the submission. At the bottom, there is a "Final Report" section with a message: "There are currently no annual reports awaiting your attention."



*Questions/Comments?*



# Comments?

Please email comments to:  
[docket@energy.ca.gov](mailto:docket@energy.ca.gov)



**Subject Line:**

**Prop 39 Guidelines: 13-CCEJA-01**



**THANK YOU!**



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website:**

<http://www.energy.ca.gov/efficiency/proposition39/index.html>

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