## **CALIFORNIA ENERGY COMMISSION**

APPLICATION APPROVED August 19, 2015 1 of 2

# Prop. 39 Energy Expenditure Plan System **Energy Expenditure Plan Report**

Submission			Tier:	2010.11	Crost America	. Dogwooted	\$76,682.00	
ID 58	.hittal Oution.	Expenditure Plans the Multiple-Year (bundle		2013-14	Grant Amount Grant Baland		\$54,796.0	
	ubmittal Option:	'	eu) Awaru Expe	enditure Plan	Grafft Balant	Le Avallable.	ψ04,730.0	
Energy Planning Reserv								
Did you request En	0,	s? (If no, move on to next s	·	Yes				
	· ·	t for Screening and Energy	-		Amount Spent for Screening			
	Budget for P	roposition 39 Program Assi			Amount Spent for Program	-		
		Budget for Energy M			Amount Spent for Energ			
		Budget for Training			Amount Spent	· -		
Energy Manager and Tra	ining		Totals:			Totals:		
	•	th Funds Requested in this	Evnanditura Dla	n? No	Amount Requesting for Energ	av Managor:		
, ,	0, 0	on 39 funds for energy rela	•	-	Amount Requesting for Energ	· · ·		
		on 39 lunus for energy rela	ted training cost	Sr INU	Amount Requesting	ior framing:		
Summary of Schools/Site	es <u> </u>	Total Project Co	ost Proposi	tion 39 Share				
	Estimated		•	6,682.00	Summation is for 1 School			
Job Creation Benefits Es	stimation —				-	I		
Type of Project	Budget	Estimated Direct Job	-Years Created		Please list any state-certified apprentice	shin nrograms hei	ing used:	
Energy Efficiency	\$76,682.00				Tiodoo not any state continue approntice	omp programo boi	ing dood.	
Renewable Generation	· · · · · · ·	<u></u>	<u>-                                     </u>					
Distributed Energy		<u> </u>						
<i>5,</i> _		Total: 0.4	3					
					-			
	Budget	Estimated Apprenticeship	Job-Years Created	l No	Will this project be subject to a communi workforce agreement, or other mechanis			
Apprenticeship Information		_		-	workloice agreement, or other mechanis	siii tilat delilles pit	oject co-benents	
Other Trainee Po	sition Title	Estimated Other Train	ee Inhs Created					
Other Trumeer o.	sition ritie	Estimated Other Train	ce Jobs Created					
			<del></del>					
		_	<del></del>					
		Total:	<del></del>					
Self-Certifications —			<del></del>					
Yes The LEA followed	d the Proposition 39	9 Guidelines regarding Eleig	ible Energy Proj	ect Prioritizatio	on Considerations.			
	•	arding Sequencing of Facili						
		or the eligible energy proje	enditure plan.					
Yes The LEA commits	s that the informati	on included in the applicat	the best of the LEA's knowledge.					
Yes The LEA commits	s that all California	leted.						
Yes The LEA will obta	The LEA will obtain DSA project approval as applicable pursuant to California Code Regulations, Title 14.							
	ledges that the exp	enditures are subject to fin	ancial audit requ	uirements				
Yes The LEA commits	s to complying with	all reporting requirements						
Authorized Repr	esentative:	Steve T	suboi		Date: 5/15/2014		Version 1	

### **Applicant Information**

Local Education Agency Name: Sunnyside Union Elementary LEA CDS Code: 54721810000000 Mailing Address: 21644 Avenue 196 City: Strathmore Zip Code: 93267

### **LEA Authorized Representative**

Name: Steve Tsuboi Title: Superintendent Phone: (559) 568-1741 Email: sTsuboi@sunnyside.k12.ca.us

#### **Project Manager**

Name: Chris Bristow, P.E., CEM Title: Energy Enginer - IES

Phone: (916) 870-8915

Email: cbristow@ies-hvac.com

#### **Site Information**

**Total Annual Propane Savings** 

7/1/2014 Project Start Date: Completion Date: 8/25/2014 Local Education Agency: Sunnyside Union Elementary LEA CDS Code: 54721810000000 School or Site Information School/Site Name: Sunnyside Elementaary School/Site CDS Code: 54721816054407 School/Site Mailing Address: 21644 Avenue 196 City: Strathmore Zip Code: 93267 **Energy Efficiency Project Summary** Measure Savings Source: Energy audit/feasibility study

Measure Implementation (\$): \$76,682.00

Proposition 39 Share to be used for

### **Benchmarking**

Square Footage of School/Site: 41,995 Average Peak Demand (kW): 128 Total Annual Electric Use (kWh): 286,417 Total Annual Electric Charges (\$): \$49,769.00 Total Annual Gas Use (therms): 9,520 Total Annual Gas Charges (\$): \$7,129.00 Total Annual Propane Use (gals): Total Annual Propane Charges (\$): Total Annual Fuel Oil Use (gals): Total Annual Fuel Oil Charges (\$): Energy Bill Fiscal Year: 2012-13 Electric Utility: SCE Electric Utility Account #: 2-01-470-6030 Gas Utility: Sempra Gas Utility Account #: 176 216 3900 8



Total Cost Paid Under PPA

### STATE OF CALIFORNIA **CALIFORNIA ENERGY COMMISSION**

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Reminder: If the School/Site includes leased facilities, please include Building Owner Certification in backup documentation.

Energy Use Intensity Calculator									
Ele	ctricity	Other Fuels							
3.05	W/SF	.23	Therms/SF	G	als/SF				
6.82	kWh/SF	\$.17	Cost/SF	Co	ost/SF				
\$1.19	Cost/SF								
Energ	y Costs/SF/Year:	\$1.35	Energy U	Jse(Kbtu)/SF/Year:	95.76				

Version 3

					Demand	Annual	Annual	Annual	Annual	Annual			
					Savings	Electric	Nat. Gas	Propane	Fuel Oil	Energy Cost	Measure	Rebates and	EEM
Energy Efficiency Measure			Description		(kW)	Savings	Savings	Savings	Savings	Savings (\$)	Cost (\$)	Grants (\$)	SIR
Lighting- Interior Fixture Retrofit	Interior Fixture Retrofit - A	udit			11	18,252				\$3,175.90	\$47,044.00		1.20
Lighting- Exterior Fixture Retrofit	Exterior Fixture Retrofit - A	Audit			4	15,801				\$2,749.35	\$29,583.00		1.5
Lighting - Interior Linear Fluorescent Relamping	Incandescent Replacement	nt to CFL - Audit				67				\$11.69	\$55.00		.9
Energy Efficiency Narrative Description	1												
This is a 5-yr Expenditure Plan. Existing I exterior fixtures, etc. This retrofit generat									8 & T-5 lan	nps with premi	um high effic	cient ballasts,	
Site Project Summary													
	Total Demand Savings	15	Total Annual Fuel Oil Savings				Total Pr	op 39 Shar	e \$	76,682.00			
Total	Annual Electric Savings	34,120	Total Annual Cost Savings	\$5,936.94	_	Carriaga		+ D-+:- /CID		1 24			
Total Ann	ual Natural Gas Savings	·	Total Project Cost	\$76,682.00		Savings-to-investment Ratio (SIR)		.)	1.34				

**Total Rebates** 

#### ATTACHMENT A TO THE EXPENDITURE PLAN

LINE RO	MOOM	FIXT QTY	EXISTING FIXTURE TYPE	RETROFIT TYPE	ECM	Avg. Price per Unit	Total Cos
4 RI	M 5 LIBRARY	20	2L 2X4 T8 PRISMATIC TROFFER	LBO TANDEM	2L KIT QHE/ISL F028/850XV TANDEM		
5 RI	M 6	20	2L 2X4 T8 PRISMATIC TROFFER	LBO TANDEM	2L KIT QHE/ISL F028/850XV TANDEM		
6 RI	M 7	20	2L 2X4 T8 PRISMATIC TROFFER	LBO TANDEM	2L KIT QHE/ISL F028/850XV TANDEM		
7 RI	M 8	20	2L 2X4 T8 PRISMATIC TROFFER	LBO TANDEM	2L KIT QHE/ISL F028/850XV TANDEM		
8 RI	M 9	20	2L 2X4 T8 PRISMATIC TROFFER	LBO TANDEM	2L KIT QHE/ISL F028/850XV TANDEM		
9 RI	M 10	20	2L 2X4 T8 PRISMATIC TROFFER	LBO TANDEM	2L KIT QHE/ISL F028/850XV TANDEM		
12 RI	M 12	19	2L 2X4 T8 PRISMATIC TROFFER	LBO TANDEM	2L KIT QHE/ISL F028/850XV TANDEM		
13 RI	M 13	20	2L 2X4 T8 PRISMATIC TROFFER	LBO TANDEM	2L KIT QHE/ISL F028/850XV TANDEM		
17 C(	OMPUTER LAB	24	2L 2X4 T8 PRISMATIC TROFFER	LBO TANDEM	2L KIT QHE/ISL F028/850XV TANDEM		
18 RI	M 15/16	35	2L 2X4 T8 PRISMATIC TROFFER	LBO TANDEM	2L KIT QHE/ISL F028/850XV TANDEM		
25 RI	M 19	18	2L 2X4 T8 PRISMATIC TROFFER	LBO TANDEM	2L KIT QHE/ISL F028/850XV TANDEM		
26 RI	M 20	18	2L 2X4 T8 PRISMATIC TROFFER	LBO TANDEM	2L KIT QHE/ISL F028/850XV TANDEM		
27 RI	M 21	18	2L 2X4 T8 PRISMATIC TROFFER	LBO TANDEM	2L KIT QHE/ISL F028/850XV TANDEM		
28 RI	M 22	18	2L 2X4 T8 PRISMATIC TROFFER	LBO TANDEM	2L KIT QHE/ISL F028/850XV TANDEM		
29 RI	M 23	18	2L 2X4 T8 PRISMATIC TROFFER	LBO TANDEM	2L KIT QHE/ISL F028/850XV TANDEM		
30 RM	M 24	18	2L 2X4 T8 PRISMATIC TROFFER	LBO TANDEM	2L KIT QHE/ISL F028/850XV TANDEM		
31 RI	M 25	18	2L 2X4 T8 PRISMATIC TROFFER	LBO TANDEM	2L KIT QHE/ISL F028/850XV TANDEM		
32 RI	M 26	18	2L 2X4 T8 PRISMATIC TROFFER	LBO TANDEM	2L KIT QHE/ISL F028/850XV TANDEM		

LINE ROOM FIXT QTY EXISTING FIXTURE TYPE RETROFIT TYPE ECM Avg. Price per Unit Total Cost 10 RM 11 14 4L 2X4 TROFFER KIT 2L QHE/ISH F028/850XV 43 OFFICE 2L QHE/ISH F028/850XV 2 4L 2X4 TROFFER KIT 44 OFFICE KIT 2L QHE/ISH F028/850XV 2 4L 2X4 TROFFER 1 MAIN OFFICE 13 2L 2X4 T8 PRISMATIC TROFFER LBO 2L QHE/ISL F028/850XV 2 INTERVENSION RM 2 2L 2X4 T8 PRISMATIC TROFFER LBO 2L QHE/ISL F028/850XV 3 INTERVENSION RM 1 2L 1X4 WRAP LBO 2L QHE/ISL F028/850XV 11 COPY RM 2 2L 2X4 T8 PRISMATIC TROFFER LBO 2L QHE/ISL F028/850XV 14 G-RR LBO 2L QHE/ISL F028/850XV 1 2L 1X4 WRAP 15 B-RR 1 2L 1X4 WRAP LBO 2L QHE/ISL F028/850XV 16 CONFERENCE RM 3 2L 2X4 T8 PRISMATIC TROFFER LBO 2L QHE/ISL F028/850XV 19 CUSTODIAL 1 2L 1X4 WRAP LBO 2L QHE/ISL F028/850XV 20 G-RR LBO 1 2L 1X4 WRAP 2L QHE/ISL F028/850XV 21 B-RR 1 2L 1X4 WRAP LBO 2L QHE/ISL F028/850XV 24 RM 18 12 2L 2X4 T8 PRISMATIC TROFFER LBO 2L QHE/ISL F028/850XV 33 G-RR 1 2L 1X4 WRAP LBO 2L QHE/ISL F028/850XV 34 B-RR 1 2L 1X4 WRAP LBO 2L QHE/ISL F028/850XV 35 CUSTODIAL 1 2L 1X4 WRAP LBO 2L QHE/ISL F028/850XV

		Strathmore, Califo	ornia 93267	
		21644 Avenue 19		(Subtotal A+B+C)
		Sunnyside Union	Elementary School	Total Amount
	SERVICE PROVIDER		SCHOOL DISTRICT	_
- 00 , 02 , 14			201101	Subtotal C
36 CUSTODIAL	4 65W INC	RL	RELAMP W/ 23WCF	
53 EXTERIOR	2 BARN LT 250W HID	NEW	NEW D-BARN 40W LED	
55 EXTERIOR	4 400W HID FLOOD	NEW	NEW D-823 120 LED FLOOD	
54 EXTERIOR	9 250W HID FLOOD	NEW	NEW 84W CF FLOOD	<del></del>
57 EXTERIOR	1 70W HID WP	NEW	NEW 42W CF FLOOD  NEW 42W CF WP MEDIUM	
58 EXTERIOR	2 90W PAR WALL FLOOD	NEW	NEW 42W CF FLOOD	
56 EXTERIOR	2 300W HAT A-LINE FLOOD	RL	40CFL RELAMP	Subtotal B
42 STAGE	4 4L 2X4 TROFFER	LBO	4L QHE/ISL F028/850XV	
40 ADITORIUM	19 3L 2X4 T8 RTROFFER	LBO	3L QHE/ISL F028/850XV	
23 W-RR	2 3L 2X4 T8 RTROFFER	LBO	3L QHE/ISL F028/850XV	
22 M-RR	2 3L 2X4 T8 RTROFFER	LBO	3L QHE/ISL F028/850XV	
52 RM 36	10 2L 2X4 T8 PRISMATIC TROFFER	LBO	2L QHE/ISL F028/850XV	
51 RM 35	10 2L 2X4 T8 PRISMATIC TROFFER	LBO	2L QHE/ISL F028/850XV	
50 RM 34	10 2L 2X4 T8 PRISMATIC TROFFER	LBO	2L QHE/ISL F028/850XV	
49 RM 33	10 2L 2X4 T8 PRISMATIC TROFFER	LBO	2L QHE/ISL F028/850XV	
48 RM 32	10 2L 2X4 T8 PRISMATIC TROFFER	LBO	2L QHE/ISL F028/850XV	
47 RM 31	10 2L 2X4 T8 PRISMATIC TROFFER	LBO	2L QHE/ISL F028/850XV	
46 RM 30	10 2L 2X4 T8 PRISMATIC TROFFER	LBO	2L QHE/ISL F028/850XV	
45 BAND / MUSIC	10 2L 2X4 T8 PRISMATIC TROFFER	LBO	2L QHE/ISL F028/850XV	
41 CLOSETS	6 2L 1X4 WRAP	LBO	2L QHE/ISL F028/850XV	
39 KITCHEN HOOD	3 2L 2X4 T8 PRISMATIC TROFFER	LBO	2L QHE/ISL F028/850XV	
38 KITCHEN	13 2L 2X4 T8 PRISMATIC TROFFER	LBO	2L QHE/ISL F028/850XV	

Printed Name