Washington Unified School District Proposition 39 Energy Expenditure Plan Summary

The following pages are the Energy Expenditure Plan documents in the format required for CEC submission, along with required supporting documentation. The CEC has not set these forms up in a printer-friendly format, but they are provided for your reference nonetheless. All required forms have been prepared in accordance with the Strategic Energy Plan approved by the Board of Education on November 13, 2014. The following table is an executive summary of the information contained in the plan, which when approved by the California Energy Commission, will reserve Prop 39 funding for all five fiscal years available. No additional funding contribution from the District is required for these projects.

				Prop 39	Savings to
Cultural/harrow		Duningt Cont		Funding	Investment
School/Measure		Project Cost		Requested	Ratio
Alyce Norman Elementary	,	472 755	<u>,</u>	472 755	4.24
Packaged HVAC Unit Replacement	\$	172,755	\$	172,755	1.21
Heat Pump Replacement	\$	91,595	\$	91,595	1.54
Subtotal, Alyce Norman Elementary	\$	264,350	\$	264,350	1.32
Elkhorn Village Elementary					
Packaged HVAC Unit Replacement	\$	143,963	\$	143,963	0.92
Heat Pump Replacement	\$	193,367	\$	193,367	1.15
Subtotal, Elkhorn Village Elementary	\$	337,330	\$	337,330	1.05
Riverbank Elementary					
Packaged HVAC Unit Replacement	\$	86,378	\$	86,378	0.79
Heat Pump Replacement	\$	122,126	\$	122,126	1.31
Install Solartubes in Gymnasium	\$	31,768	\$	31,768	0.98
Subtotal, Riverbank Elementary	\$	240,272	\$	240,272	1.08
Westfield Village Elementary					
Packaged HVAC Unit Replacement	\$	230,340	\$	230,340	0.91
Heat Pump Replacement	\$	132,304	\$	132,304	1.29
Water Heater Replacement	\$	1,843	\$	1,843	2.43
Subtotal, Westfield Village Elementary	\$	364,487	\$	364,487	1.05
Westmore Oaks Elementary					
Heat Pump Replacement	\$	91,595	\$	91,595	1.07
Yolo High					
Heat Pump Replacement	\$	91,595	\$	91,595	1.05
Total	\$	1,389,629	\$	1,389,629	



Fiscal Year 2014-15	345,864.00
Expenditure Plan Submittal Option: Multiple-Year (bundled) Award Expenditure Plan	345,864.00
L. Applicant Information Local Education Agency (LEA) Name: LEA CDS Code: 57725940000000 Mailing Address: 7725940000000 LEA Authorized Representative: Scott Lantsberger Title: Assistant Superintendent of Business Services Project Manager: Curtis Schmitt Title: Consultant Phone: (415) 286-1670 E-mail: curtis@arc_alternatives.com	
Local Education Agency (LEA) Name: LEA CDS Code: 577259400000000 Mailling Address: 930 Westacre Road City: West Sacramento 390 Westacre Road Zip Code: 956913224.00 LEA Authorized Representative: Title: Assistant Superintendent of Business Services F-mail: stantsberger@wund k12 caus Project Manager: Title: Consultant Consultant E-mail: curts@arc_alternatives.com	
LEA CDS Code: 57726940000000 Mailing Address: 577269400000000 Mailing Address: 57726940000000 LEA Authorized Representative: Scott Lamsberger Phone: [916] 375-7604 x 1010 LEA Authorized Representative: Scott Lamsberger Phone: [916] 375-7604 x 1010 LEA Authorized Representative: Scott Lamsberger Phone: [916] 375-7604 x 1010 E-mail: slantsberger@word k12 caus Project Manager: Curtis Schmitt Phone: [415] 286-1670 Title: Consultant E-mail: curtis@arc-alternatives.com	
Mailing Address: 930 West Sacramento LEA Authorized Representative: Scott Lamsberger Phone: (916) 375-7604 x 1010 Title: Assistant Superintendent of Business Services E-mail: saintberger@wudd.k12 ca.us Project Manager: Curt's Schmitt Phone: (415) 286-1670 Title: Consultant E-mail: curtis@arc-alternatives.com	
LEA Authorized Representative: Title: Scott Lantsberger Assistant Superintendent of Business Services Project Manager: Title: Consultant Phone: (415) 286-1670 E-mail: curts@arc_alternatives.com	
Title: Assistant Superintendent of Business Services Project Manager: Curtis Schmitt Phone: (415) 286-1670 Title: Consultant E-mail: curtis@arc-alternatives.com	
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Project Manager: Curtis Schmitt Phone: (415) 286-1670 Title: Consultant E-mail: curtis@arc-alternatives.com	
Title: Consultant E-mail: curtis@arc-alternatives.com	
. Energy Planning Reservation Information (only available for fiscal year 2013-2014 award)	
Did you request Energy Planning Funds? (If no, move on to next section) No	
Amount Spent for Energy Surveys Budget for Energy Surveys and Energy Audits: Amount Spent for Energy Surveys and Energy Audits:	
Amount Spent for Proposition 39	
Budget for Proposition 39 Program Assistance: Program Assistance	
Budget for Energy Manager: Amount Spent for Energy Manager:	
ember or rively manager. Amount when to triefly analoger.	
Budget for Training: Amount Spent for Training:	
Totals: \$ Energy Manager and Training	
. energy manager was resuming	
Are you hiring an Energy Manager with funds requested in this Expenditure Plan? No	
Are you using Proposition 39 funds for energy related training costs? No Amount requesting for Training:	
ver ton much vision or vision or vision to result visited results may a vision much vision	
. Summary of Schools/Sites	
List all schools/sites where Proposition 39 funds from this Expenditure Plan will be used. Each school/site listed must have a Expenditure Plan Project Summary Form B completed and attached. If more than 20 sites are identified by the project Summary Form B completed and attached. If more than 20 sites are identified by the project Summary Form B completed and attached. If more than 20 sites are identified must have a Expenditure Plan Project Summary Form B completed and attached. If more than 20 sites are identified must have a Expenditure Plan Project Summary Form B completed and attached. If more than 20 sites are identified must have a Expenditure Plan Project Summary Form B completed and attached. If more than 20 sites are identified must have a Expenditure Plan Project Summary Form B completed and attached. If more than 20 sites are identified must have a Expenditure Plan Project Summary Form B completed and attached. If more than 20 sites are identified must have a Expenditure Plan Project Summary Form B completed and attached. If more than 20 sites are identified must have a Expenditure Plan Project Summary Form B completed and attached. If more than 20 sites are identified must have a Expenditure Plan Project Summary Form B completed and attached. If more than 20 sites are identified must have a Expenditure Plan Project Summary Form B completed and attached must have a Expenditure Plan Project Summary Form B completed and attached must have a Expenditure Plan Project Summary Form B completed and attached must have a Expenditure Plan Project Summary Form B completed and attached must have a Expenditure Plan Project Summary Form B completed and attached must have a Expenditure Plan Project Summary Form B completed and attached must have a Expenditure Plan Project Summary Form B completed and attached must have a Expenditure Plan Project Summary Form B completed and attached must have a Expenditure Plan Project Summary Form B completed and attached must have a Expenditure Plan Project Summary Form B compl	please use
Additional School Sites Tab as necessary. Estimated Project Cost Estimated Pro	ject Cost
School/Site CDS # Total Project Cost Proposition 39 Shore School/Site CDS # Total Project Cost 1 Alyce Norman 5 7726946056329 \$ 264,350.00 \$ 2 Control Site 1	Proposition 39 Share
2 Elkhorn Village 57726946056352 \$ 337,330.00 \$ 337,330.00 12	
3 Riverbank 57726940116996 5 240,272.00 5 240,272.00 13 4 Westfeld Village 57726946056394 5 364,872.00 14	

6 Yolo Continuation 57726945739552 \$ 91,595.00 \$ 91,595.00 16	
7 17 18	
9 19	
10 20	
Estimated Total: #REF!	#REF!
. Job Creation Estimates	
Please fill in the corresponding budget amounts for each applicable type of project which the Proposition 39 grant funds will be used. Type of Project Budget Estimated Direct Job-Years Created Please list any state-certified apprenticeship programs being use	ed:
Energy Efficiency \$ 1,389,629.00 7.78	
Renewable Energy \$ - 0 Clean Advanced Distributed Energy \$ - 0	
Liean Advanced Distributed Lenergy 5 - Total: 7.78	
Apprenticeship Information Budget Estimated Apprenticeship Job-Years Created	
Apprenticeships	
Other Trainee Position Title (Please use Additional Trainees tab as necessary) Estimated Other Trainee Jobs Created (Please use Additional Trainees tab as necessary)	
No Will this project be subject to a community benefits agreement, workforce agreement, or other mechanism that defines project	
Total: HREF!	
I DIGHT: HREF!	
. Self-Certifications	
Yes The LEA followed the Proposition 39 Guidelines regarding eligible energy project prioritization considerations. Yes The LEA followed the guidelines regarding sequencing of facility improvements.	
Yes_The LEA commits to use the funds for the eligible energy project(s) approved in its energy expenditure plan.	
Yes The LEA commits that the information included in the application is true and correct based to the best of the LEA's knowledge.	
Yes The LEA commits that all California Environmental Quality Act (CEQA) requirements are completed. Yes The LEA will obtain DSA project approval as applicable pursuant to California Code of Regulations, Title 24.	
Tes Inte Lea Will Obtain Usa, project approval as applicable pursuant to Cantornia Code of regulations of the Cantornia Code of regulations of the Cantornia Code of the Cantornia Code of Regulations (Public Resources Code Section 26206(e) and 26240(g)).	
Yes The LEA commits to complying with all reporting requirements.	
Deminder: Blacce companies to include the closed Utility Data Balance Authorization Form for your utility, provides to release data to the Formy Formation	
Reminder: Please remember to include the signed Utility Data Release Authorization Form for your utility provider to release data to the Energy Commission	

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State of California Expenditure Plan General Form A CEC-9 (01/14)



2





Local Education Agency (LEA) Name: LEA CDS Code:	Washington Unified : 57726940000000									
1. School or Site Information										
School/Site Name:	: Alyce Norman Elementary					Estimated Pro	oject Start Date:	5/1/2016		
School/Site CDS Code:	57726946056329				E	stimated Project Co	ompletion Date:	10/1/2016		
School/Site Mailing Address:	ool/Site Mailing Address: 1200 Anna Street City: West Sacramento						Zip Code:	95605-2006	.	
2. Benchmarking (Provide the follow	ving information from the previous fiscal	year utility bills for th	e entire school/sit	e)						
Square Footage of School/Site:	43,584		Electric Utility:		PG&	E		Gas Utility:	PG&E	
Accessed Bank Dancer of (IAM)			Electric Utility		0000070403 0	500570454		Gas Utility	00000700	-0
Average Peak Demand (kW): Total Annual Electric Use (kWh):			Account #: Energy Bill		9699670182, 9	b99670451		Account #:	969967066	50
Total Annual Electric Charges (\$):			Fiscal Year:		2013-1	14				
Total Annual Gas Use (therms): Total Annual Gas Charges (\$):	5,514 \$ 5,813.68	i		Reminder: If the S	Energy Use Inte		ise include Build	ing Owner Certificati	on in backup docume	entation.
Other Fuels	ý 3,613.60		Elec	tricity	Natura		Oth	ner Fuels		
Total Annual Propane Use (gals):				W/SF		Therms/SF	-	Gals/SF		
Total Annual Propane Charges (\$):				kWh/SF Cost/SF	\$ 0.13	Cost/SF	\$ -	Cost/SF		
Total Annual Fuel Oil Use (gals):				ergy Costs/SF/Year:	\$ 1.35	Energy Us	e(Kbtu)/SF/Year:	66.23		
Total Annual Fuel Oil Charges (\$):		•							-'	
3. Energy Efficiency Project Sun	nmary									
Fill in the table below. All back-up docu	mentation must be submitted with the	Project Summary For	m (i.e. Energy su	rveys, calculators,	energy audits).					
Measure Savings Source:	: CEC calculator			Proposition	n 39 Share to be use	d for Measure Imp	lementation (\$):	\$	264,350.00	
				Annual Natural			Annual Cost			
Energy Efficiency Measure Drop down menu	Description	Demand Savings (kW)	Annual Electric Savings (kWh)	Gas Savings	Annual Propane Savings (gallons)	Annual Fuel Oil Savings (gallons)	Energy Savings	Measure Cost (\$)	Rebates & Grants (\$)	EEM SIR
·	Device of Table with Too	(800)		(therms)	Savings (ganons)	Savings (gallons)	(\$)	ć 141 CO4 OO	(2)	1.00
xample: Lighting-Interior Fixture Retrof	i Replaced T12s with T8s		101,029	-			\$ 14,511.00	\$ 141,604.00		1.69
	ECM11: Replace old packged/split									
HVAC- Packaged/Split Replacement	HVAC unit with high efficiency HVAC	13.66	50,989	(579)			\$ 11,754.00	\$ 172,755.00		1.21
HVAC- Packaged/Split Replacement	ECM12: Replace old heat pump with high efficiency heat bump	6.08	34,816				\$ 8,443.00	\$ 91,595.00		1.54
TIVAC- Fackaged/Split Replacement	night eniciency heat bump	0.08	34,810				3 8,443.00	3 31,333.00		1.34
			ı			I		I		
4. Energy Efficiency Narrative D										
Please provide a narrative describing existin	g conditions, energy efficiency measures, ar	d how these were prior	ritized. If a photovo	oltaic measure is bein	g proposed on the site,	please provide a des	cription for why t	he site is a good candid	ate for a photovoltaic	system.
Mechanical systems are reaching the end of	their useful life, and were prioritized to provi	de synergy with capital i	nvestment plans an	d Prop 39 energy savi	ngs goals. Rooftop pack	age units and heat pu	ımps will be replac	ed with high efficiency	units.	
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C Dhataualtaia A4										
5. Photovoltaic Measure									Rebates & Grants	Measure
Size (kW AC)	Demand Savings (kW)	Year 1 Product	tion (kWh)	Year 1 Energy	Cost Savings (\$)	Inverter Effi	ciency (%)	Measure Cost (\$)	(\$)	SIR
	1					l .		<u>l</u>	1	
6. Site Project Summary		Tabel 2 1 -	-1 Oil 5:		T-4-1 D 20 51	A 261 272 5				
Total Demand Savings Total Annual Electric Savings		Total Annual Fue Total Annual C		\$ 20,197.00	Total Prop 39 Share	\$ 264,350.00				
					Total Cost Paid		Savings-to-Inv	estment Ratio (SIR)	1.32	
Total Annual Natural Gas Savings		Total Proje		\$ 264,350.00	Under PPA	\$ -				
Total Annual Propane Savings	-	Total Rel	pares	\$ -					Version	3.0





Version

Local Education Agency (LEA) Name:		•								
LEA CDS Code:	57726940000000									
1. School or Site Information										
	Elkhorn Village Elementary						oject Start Date:		<u> </u>	
School/Site CDS Code:	57726946056352 750 Cummins Way	City	Wost Sa	cramonto	E	stimated Project Co	ompletion Date: Zip Code:		=	
School/site Mailing Address.	750 Cullillins Way	City:	West 3a	cramento	•		Zip Code:	95005	•	
2. Benchmarking (Provide the follow	ving information from the previous fiscal	year utility bills for th	e entire school/sit	e)						
Square Footage of School/Site:	67,372	•	Electric Utility:		PG&I	E		Gas Utility:	PG&E	
Average Book Domand (Islati)	266		Electric Utility Account #:		9699670561, 9	500670746		Gas Utility Account #:	969967073	21
Average Peak Demand (kW): Total Annual Electric Use (kWh):	448,874		Energy Bill		9099070301, 9	099070746		Account #:	909907073	01
Total Annual Electric Use (kWh): Total Annual Electric Charges (\$):	\$ 82,871.36		Fiscal Year:		2013-:	14		_		
Total Annual Gas Use (therms): Total Annual Gas Charges (\$):	\$ 5,691 \$ 5,990.48			Reminder: If the S	chool/Site includes le Energy Use Inte		ise include Build	ing Owner Certificati	on in backup docume	entation.
Other Fuels	3,330.48		Elec	tricity	Natura		Oth	ner Fuels		
				W/SF		Therms/SF	-	Gals/SF		
Total Annual Propane Charges (\$):				kWh/SF	\$ 0.09	Cost/SF	\$ -	Cost/SF		
Total Annual Fuel Oil Use (gals):				Cost/SF ergy Costs/SF/Year:	\$ 1.32	Enorgy He	e(Kbtu)/SF/Year:	79.84		
Total Annual Fuel Oil Charges (\$):			Life	igy Costs/31/Teal.	3 1.32	Lifeigy Ose	e(KDtu)/31/Teal.	75.04	l	
3. Energy Efficiency Project Sum			, -							
Fill in the table below. All back-up docu Measure Savings Source:		Project Summary For	m (i.e. Energy su		energy audits). on 39 Share to be use	d for Measure Impl	ementation (\$):	\$	337,330.00	
	ere carcalato.			Порозии	55 5.14. 6 10 26 456	a tot measure imp	(¢).	<u> </u>	337,330.00	
Energy Efficiency Measure	Barrelotton.	Demand Savings	Annual Electric	Annual Natural	Annual Propane	Annual Fuel Oil	Annual Cost		Rebates & Grants	FFAA CID
Drop down menu	Description	(kW)	Savings (kWh)	Gas Savings (therms)	Savings (gallons)	Savings (gallons)	Energy Savings (\$)	Measure Cost (\$)	(\$)	EEM SIR
xample: Lighting-Interior Fixture Retrofi	Replaced T12s with T8s		101,029	- (tilefilis)			\$ 14,511.00	\$ 141,604.00		1.69
	ECM11: Replace old packged/split									
HVAC- Packaged/Split Replacement	HVAC unit with high efficiency HVAC ECM12: Replace old heat pump with	10.73	40,044	(495)			\$ 6,905.00	\$ 143,963.00		0.92
HVAC- Packaged/Split Replacement	high efficiency heat bump	11.69	66,883	-			\$ 12,333.00	\$ 193,367.00		1.15
	, , , , , , , , , , , , , , , , , , , ,		22,000				,,	,		
4. Energy Efficiency Narrative D	escription									
Please provide a narrative describing existing		nd how these were prior	ritized. If a photovo	oltaic measure is beir	g proposed on the site.	please provide a des	cription for why t	he site is a good candid	ate for a photovoltaic	system.
	6,,,,					,	,			,
Mechanical systems are reaching the end of t	heir useful life, and were prioritized to provi	de synergy with capital i	nvestment plans an	d Prop 39 energy sav	ngs goals. Rooftop pack	age units and heat pu	ımps will be replac	ed with high efficiency	units.	
5. Photovoltaic Measure									Rebates & Grants	14
Size (kW AC)	Demand Savings (kW)	Year 1 Produc	tion (k\Mh)	Voor 1 Engrav	Cost Savings (\$)	Inverter Effi	cioncy (%)	Measure Cost (\$)	(\$)	Measure SIR
SIZE (NOV MC)	Demand Savings (NAA)	icai i rioduc	SON (REVII)	rear I Lilergy	Cost Savings (3)	inverter Elli	cicity (/0)	.vicusure cost (3)	(4)	Jin
6. Site Project Summary										
Total Demand Savings	22	Total Annual Fu	el Oil Savings	-	Total Prop 39 Share	\$ 337,330.00				
Total Annual Electric Savings	106,927	Total Annual C	ost Savings	\$ 19,238.00						
T-1-14	()			ć 227.222.5	Total Cost Paid		Savings-to-Inv	estment Ratio (SIR)	1.05	
Total Annual Propage Savings	(495)	Total Proje		\$ 337,330.00	Under PPA	\$ -				





Local Education Agency (LEA) Name:										
LEA CDS Code:	57726940000000	•								
1. School or Site Information										
School/Site Name:	Riverbank Elementary					Estimated Pr	oject Start Date:	5/1/2015		
	57726940116996 1100 Carrie Street				E	stimated Project C	ompletion Date:	10/1/2015	-	
School/Site Mailing Address:	1100 Carrie Street	City:	West Sa	acramento	•		Zip Code:	95605	-	
2. Benchmarking (Provide the follow	uing information from the previous fiscal	year utility hills for th	a antira cchaol/cit	tal						
		year atmity bins for th			PG&	-		Cos Hailian	PG&E	
Square Footage of School/Site:	95,662		Electric Utility: Electric Utility		PG&	E .		Gas Utility: Gas Utility		
Average Peak Demand (kW):	269		Account #:		0660656040,6628514	005, 9699670597		Account #:		50
Total Annual Electric Use (kWh):	515,875	•	Energy Bill		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,		•		
Total Annual Electric Use (kWh): Total Annual Electric Charges (\$):	\$ 44,773.40		Fiscal Year:		2013-	14		_		
				-						
Total Annual Gas Use (therms): Total Annual Gas Charges (\$):	7,814 \$ 8.106.64			Reminder: If the S	chool/Site includes le		ase include Build	ling Owner Certificati	ion in backup docum T	entation.
Other Fuels	\$ 8,106.64	•	Flor	ctricity	Energy Use Inte Natura		Otl	ner Fuels		
Other Fuels Total Annual Propage Use (gals):				W/SF		Therms/SF	-	Gals/SF		
Total Annual Propane Charges (\$):				kWh/SF		Cost/SF	\$ -	Cost/SF		
		•		Cost/SF						
Total Annual Fuel Oil Use (gals):			Ene	ergy Costs/SF/Year:	\$ 0.55	Energy Us	e(Kbtu)/SF/Year:	65.96		
Total Annual Fuel Oil Charges (\$):		•								
3. Energy Efficiency Project Sum	amary									
Fill in the table below. All back-up docu		Project Summary Fo	rm (i.e. Energy su	rvevs. calculators.	energy audits).					
	Combination Calculator and Audit	, , , , , , , , , , , , , , , , , , , ,	(Proposition	on 39 Share to be use	d for Measure Imp	lementation (\$):	\$	240,272.00	
		•								_
	1		1			1		1	1	
Energy Efficiency Measure	Description	Demand Savings	Annual Electric	Annual Natural	Annual Propane	Annual Fuel Oil	Annual Cost	A4	Rebates & Grants	EEM SIR
Drop down menu	Description	(kW)	Savings (kWh)	Gas Savings (therms)	Savings (gallons)	Savings (gallons)	Energy Savings (\$)	Measure Cost (\$)	(\$)	EEIVI SIK
xample: Lighting-Interior Fixture Retrofi	Replaced T12s with T8s		101,029	-			\$ 14,511.00	\$ 141,604.00		1.69
	ECM11: Replace old packged/split									
HVAC- Packaged/Split Replacement	HVAC unit with high efficiency HVAC	4.72	17,619	(200)			\$ 3,336.00	\$ 86,378.00		0.79
	ECM12: Replace old heat pump with									
HVAC- Packaged/Split Replacement	high efficiency heat bump	8.01	45,810	-			\$ 9,213.00	\$ 122,126.00		1.31
Building Envolope- Windows/Skylights	Custom EEM1: Install Solartubes in Gymnasium	0.00	5,637	31			\$ 1,171.00	\$ 31,768.00		0.98
Building Envolope Williams/ Skylights	Cymnasian	0.00	3,037	31			ÿ 1,171.00	\$ 31,700.00		0.50
		I.		ı	I.	ı	1	ı	ı	
4. Energy Efficiency Narrative D	escription									
Please provide a narrative describing existin	g conditions, energy efficiency measures, a	nd how these were prio	ritized. If a photov	oltaic measure is beir	ng proposed on the site	, please provide a de	scription for why t	he site is a good candid	late for a photovoltaic	system.
Mechanical systems are reaching the end of to prioritized a daylighting project for the gym to			investment plans an	id Prop 39 energy sav	ings goals. Rooftop pack	age units and heat p	umps will be replac	ed with high efficiency	units. Additionally, the	District
prioritized a daylighting project for the gynro	o conicide with an apconning roof replaceme	nt project.								
5. Photovoltaic Measure										
									Rebates & Grants	Measure
Size (kW AC)	Demand Savings (kW)	Year 1 Produc	tion (kWh)	Year 1 Energy	Cost Savings (\$)	Inverter Eff	iciency (%)	Measure Cost (\$)	(\$)	SIR
 										
<u> </u>	1	<u> </u>		1		1		l	l	
1										
6. Site Project Summary										
Total Demand Savings		Total Annual Fu		-	Total Prop 39 Share	\$ 240,272.00				
Total Annual Electric Savings	69,066	Total Annual (ost Savings	\$ 13,720.00	T-4-1 C4 C : 1		Saulmer to /	astment D-ti- (cip)	1.00	
Total Annual Natural Gas Savings	(169)	Total Proje	act Cost	\$ 240,272.00	Total Cost Paid Under PPA	¢	Savings-to-inv	estment Ratio (SIR)	1.08	
Total Allique Natural Gas Savings	(169)	Total Proje		4 270,272.00	UUCITIA					





Local Education Agency (LEA) Name:											
LEA CDS Code:	57726940000000										
1. School or Site Information											
	Westfield Village Elementary					Estimated Pr	oject Start Date:	5/1/2018			
School/Site CDS Code:					E	stimated Project C			•		
School/Site Mailing Address:	508 Poplar Street	City:	West Sa	cramento			Zip Code:	95691-2555	•		
2. Benchmarking (Provide the follow	ving information from the province fiscal	waar utilitu bills for th	a antira schaal/sit	al							
		year utility bills for th							0005		
Square Footage of School/Site:	48,588		Electric Utility:		PG&I	E		Gas Utility:	PG&E		
Average Book Domand (kW):	163		Electric Utility Account #:		9699670	1202		Gas Utility	969967077	7.4	
Average Peak Demand (kW): Total Annual Electric Use (kWh):					9099070	1202		Account #:	909907077	4	
Total Annual Electric Charges (\$):		Energy Bill Fiscal Year: 2013-14									
Total Annual Gas Use (therms): Total Annual Gas Charges (\$):	4,674		on in backup docume	entation.							
Total Annual Gas Charges (\$):	\$ 4,911.14				Energy Use Inte						
Other Fuels				tricity	Natura		Oth	ner Fuels			
Total Annual Propane Use (gals):				W/SF		Therms/SF	-	Gals/SF			
Total Annual Propane Charges (\$):				kWh/SF	\$ 0.10	Cost/SF	\$ -	Cost/SF			
Total Annual Fuel Oil Use (gals):				Cost/SF ergy Costs/SF/Year:	\$ 1.28	Enormy He	e(Kbtu)/SF/Year:	68.27			
Total Annual Fuel Oil Charges (\$):			EIIE	rigy Costs/3F/ fear.	\$ 1.26	Ellergy US	e(KDLU]/3F/Tedi.	06.27			
Total Allifaci Taci Oil Charges (\$).											
3. Energy Efficiency Project Sum	nmary										
Fill in the table below. All back-up docu	mentation must be submitted with the	Project Summary For	m (i.e. Energy su	rveys, calculators,	energy audits).						
Measure Savings Source:	CEC calculator			Proposition	on 39 Share to be use	d for Measure Imp	lementation (\$):	\$	364,487.00	-	
						1		1			
Energy Efficiency Measure	Description.	Demand Savings	Annual Electric	Annual Natural	Annual Propane	Annual Fuel Oil	Annual Cost		Rebates & Grants	FFAA CID	
Drop down menu	Description	(kW)	Savings (kWh)	Gas Savings	Savings (gallons)	Savings (gallons)	Energy Savings	Measure Cost (\$)	(\$)	EEM SIR	
xample: Lighting-Interior Fixture Retrofi	Replaced T12s with T8s		101,029	(therms)			(\$) \$ 14,511.00	\$ 141,604.00		1.69	
sample: Lighting interior ristate nearly	Nepideed 125 Will 165		101,023				φ 1,311.00	φ 1/1/00/100		1.05	
	ECM11: Replace old packged/split										
HVAC- Packaged/Split Replacement	HVAC unit with high efficiency HVAC	14.23	53,125	(604)			\$ 10,821.00	\$ 230,340.00		0.91	
	ECM12: Replace old heat pump with										
HVAC- Packaged/Split Replacement	high efficiency heat bump	7.92	45,352	-			\$ 9,779.00	\$ 132,304.00		1.29	
	ECM18: Replace storage water heater										
Other- Domestic Hot Water Heater	with gas-fired tankless water heater			203			\$ 213.00	\$ 1,843.00		2.43	
						I.		I.			
4. Energy Efficiency Narrative D	escription										
Please provide a narrative describing existin	g conditions, energy efficiency measures, an	d how these were prior	ritized. If a photovo	oltaic measure is bein	ng proposed on the site,	please provide a des	scription for why t	he site is a good candid	ate for a photovoltaic	system.	
								-			
Mechanical systems are reaching the end of t	their useful life, and were prioritized to provide	de synergy with capital i	nvestment plans an	d Prop 39 energy savi	ings goals. Rooftop pack	age units, heat pump	ps and a water hea	ter will be replaced with	high efficiency units.		
5. Photovoltaic Measure											
									Rebates & Grants	Measure	
Size (kW AC)	Demand Savings (kW)	Year 1 Produc	tion (kWh)	Year 1 Energy	Cost Savings (\$)	Inverter Eff	iciency (%)	Measure Cost (\$)	(\$)	SIR	
	<u> </u>			<u> </u>		<u>I</u>		<u>I</u>			
6. Site Project Summary											
Total Demand Savings	22	Total Annual Fu	el Oil Savings		Total Prop 39 Share	\$ 364,487.00					
Total Annual Electric Savings	98,477	Total Annual C	ost Savings	\$ 20,813.00							
					Total Cost Paid		Savings-to-Inv	estment Ratio (SIR)	1.05		
Total Annual Natural Gas Savings		Total Proje			Under PPA	\$ -					
Total Annual Propane Savings	-	Total Re	bates	\$ -							





Local Education Agency (LEA) Name:										
LEA CDS Code:	57726940000000									
1. School or Site Information										
School/Site Name:	Westmore Oaks Elementary					Estimated Pro	oject Start Date:	5/1/2017		
School/Site CDS Code:					E	stimated Project Co				
School/Site Mailing Address:	1100 Clarendon Street	City:	West Sa	cramento	-		Zip Code:	95691	•	
2. Benchmarking (Provide the follow	uing information from the previous fiscal	yaar utility hills for th	a antira school/sit	al						
Square Footage of School/Site:		year atmity bins jor tri			PG&I	-		Gas Utility:	PG&E	
Square Pootage of School/Site.	130,739		Electric Utility: Electric Utility		PUQI	5		Gas Utility	TOUL	
Average Peak Demand (kW):	156		Account #:	9699670074,	9699670643, 9699670	120, 9699670125,	9699670856		99670488, 969967068	9, 9699670
Total Annual Electric Use (kWh):	613,786		Energy Bill					•		
Total Annual Electric Charges (\$):	\$ 42,127.39		Fiscal Year:		2013-:	14		•		
T-4-1 A (C U (44)	12.622			Damindan If Aba 6	-h 1 /6'h - !l - d 1 -		and the shorter Brothel	! O C+!f!+!	t btd	
Total Annual Gas Use (therms): Total Annual Gas Charges (\$):				Keminder: if the S	chool/Site includes le Energy Use Inte		ase include Build	ing Owner Certificati	оп іп раскир фосите	entation.
Other Fuels	3 14,125.03		Flec	tricity	Natura		Oth	ner Fuels		
Total Annual Propane Use (gals):				W/SF		Therms/SF	-	Gals/SF		
Total Annual Propane Charges (\$):			4.69	kWh/SF	\$ 0.11	Cost/SF	\$ -	Cost/SF		
				Cost/SF		1				
Total Annual Fuel Oil Use (gals):			Ene	ergy Costs/SF/Year:	\$ 0.43	Energy Us	e(Kbtu)/SF/Year:	60.72		
Total Annual Fuel Oil Charges (\$):										
3. Energy Efficiency Project Sum	nmary									
Fill in the table below. All back-up docu	mentation must be submitted with the	Project Summary For	m (i.e. Energy su	rveys, calculators,	energy audits).					
Measure Savings Source:	CEC calculator			Propositi	on 39 Share to be use	d for Measure Imp	lementation (\$):	\$	91,595.00	
	1			Annual Natural			Annual Cost			
Energy Efficiency Measure	Description	Demand Savings	Annual Electric	Gas Savings	Annual Propane	Annual Fuel Oil	Energy Savings	Measure Cost (\$)	Rebates & Grants	EEM SIR
Drop down menu	Description	(kW)	Savings (kWh)	(therms)	Savings (gallons)	Savings (gallons)	(\$)	Wicasare cost (5)	(\$)	ELIII SIIX
xample: Lighting-Interior Fixture Retrofi	Replaced T12s with T8s		101,029				\$ 14,511.00	\$ 141,604.00		1.69
	ECM12: Replace old heat pump with									
HVAC- Packaged/Split Replacement	high efficiency heat bump	5.68	32,525	-			\$ 5,372.00	\$ 91,595.00		1.07
	l l				<u>I</u>	<u>I</u>	<u>I</u>			
4. Energy Efficiency Narrative D	escription									
Please provide a narrative describing existin	g conditions, energy efficiency measures, an	d how these were prior	itized. If a photovo	oltaic measure is bei	ng proposed on the site,	please provide a des	scription for why t	he site is a good candid	ate for a photovoltaic s	ystem.
l										
Mechanical systems are reaching the end of t	their useful life, and were prioritized to provi	de synergy with capital i	nvestment plans an	d Prop 39 energy sav	ings goals. Heat pumps v	will be replaced with I	high efficiency unit	S.		
5. Photovoltaic Measure										
									Rebates & Grants	Measure
Size (kW AC)	Demand Savings (kW)	Year 1 Produc	tion (kWh)	Year 1 Energy	Cost Savings (\$)	Inverter Effi	iciency (%)	Measure Cost (\$)	(\$)	SIR
L										
6. Site Project Summary										
Total Demand Savings		Total Annual Fue		A 5.070.	Total Prop 39 Share	\$ 91,595.00				
Total Annual Electric Savings	32,525	Total Annual C	oscsavings	\$ 5,372.00	Total Cost Paid		Savings-to-Inve	estment Ratio (SIR)	1.07	
Total Annual Natural Gas Savings		Total Proje	ect Cost	\$ 91,595.00		s -	Javings-to-illy	council Ratio (SIK)	1.07	
Total Annual Propane Savings		Total Rel		\$ -						
									Version	3.0





Local Education Agency (LEA) Name:	Washington Unified 57726940000000									
LEA CD3 Code.	37726940000000									
1. School or Site Information										
School/Site Name:	Yolo High					Estimated Pro	oject Start Date:	5/1/2017		
	57726945739552				E	stimated Project Co				
School/Site Mailing Address:	919 Westacre Road	City:	West Sa	cramento		•		95691-3224		
					<u>-</u> '					
2. Benchmarking (Provide the follow		year utility bills for th	ne entire school/sit	e)						
Square Footage of School/Site:	41,185		Electric Utility:		PG&I	Ē		Gas Utility:	PG&E	
			Electric Utility					Gas Utility		
Average Peak Demand (kW):	154		Account #:		9699670	0064		Account #:	969967013	17
Total Annual Electric Use (kWh): Total Annual Electric Charges (\$):	237,116		Energy Bill							
Total Annual Electric Charges (\$):	\$ 41,790.37		Fiscal Year:		2013-1	14				
	4.040									
Total Annual Gas Use (therms):	\$ 4,310 \$ 4,558.08			Reminder: If the S	chool/Site includes le Energy Use Inter		ase include Bulla	ing Owner Certificati	оп іп раскир досите	entation.
	\$ 4,558.08		F1	A!! A			O+F	er Fuels		
Other Fuels Total Annual Propane Use (gals):				tricity W/SF	Natura 0.10	Therms/SF	-	Gals/SF		
				kWh/SF		Cost/SF	-	Cost/SF		
Total Annual Propane Charges (\$):				Cost/SF	\$ 0.11	CUSI/SF	ş -	C031/31		
Total Annual Fuel Oil Use (gals):				ergy Costs/SF/Year:	\$ 1.13	Enorgy He	e(Kbtu)/SF/Year:	72.16		
Total Annual Fuel Oil Charges (\$):			LIIC	igy costs/31/ Teal.	ý 1.13	Lifeigy 03	e(KDtu]/31/Teal.	72.10		
Total Amidal Fact on Charges (\$).										
3. Energy Efficiency Project Sum	nmary									
Fill in the table below. All back-up docu		Project Summary For	rm (i.e. Energy su	rvevs. calculators.	energy audits).					
Measure Savings Source:		,	()	Proposition	on 39 Share to be use	d for Measure Impl	lementation (\$):	\$	91,595.00	
F F#G-i NA		Demand Savings	Annual Electric	Annual Natural	Annual Propane	Annual Fuel Oil	Annual Cost		Rebates & Grants	
Energy Efficiency Measure	Description	(kW)	Savings (kWh)	Gas Savings	Savings (gallons)	Savings (gallons)	Energy Savings	Measure Cost (\$)	(\$)	EEM SIR
		(877)		(therms)	Savings (ganons)	Savings (ganons)	(\$)		(4)	
xample: Lighting-Interior Fixture Retrofi	Replaced T12s with T8s		101,029				\$ 14,511.00	\$ 141,604.00		1.69
	ECM12: Replace old heat pump with									
HVAC- Packaged/Split Replacement	high efficiency heat bump	5.20	29,777	-			\$ 5,235.00	\$ 91,595.00		1.05
4. Energy Efficiency Narrative D	escription									
Please provide a narrative describing existin		nd how these were prio	ritized If a nhotovo	oltaic measure is hei	or nronosed on the site	nlease provide a des	crintion for why t	ne site is a good candid	ate for a photovoltaic s	vstem
	8,8,,,					, ,	,,			,
Mechanical systems are reaching the end of t	heir useful life, and were prioritized to provid	de synergy with capital i	investment plans an	d Prop 39 energy say	ings goals. Heat numns v	will be replaced with I	high efficiency unit	ς.		
5. Photovoltaic Measure										
									Rebates & Grants	Measure
Size (kW AC)	Demand Savings (kW)	Year 1 Produc	tion (kWh)	Voor 1 Energy	Cost Savings (\$)	Inverter Effi	iciency (%)	Measure Cost (\$)	(\$)	SIR
SIZE (KW AC)	Demand Savings (KVV)	iedi I Pioduc	MOII (KVVII)	rear I chergy	Cost Javiilgs (3)	mverter Effi	iciciicy (/o)	ivicasure Cost (\$)	(3)	JIR
	<u> </u>			1		1				
l										
6. Site Project Summary										
Total Demand Savings	5	Total Annual Fu	el Oil Savings	-	Total Prop 39 Share	\$ 91,595.00				
Total Annual Electric Savings		Total Annual C		\$ 5,235.00						
	,,		v	.,	Total Cost Paid		Savings-to-Inv	estment Ratio (SIR)	1.05	
Total Annual Natural Gas Savings		Total Proje	ect Cost	\$ 91,595.00	Under PPA	\$ -				
Total Annual Propane Savings		Total Re		\$ -						
									Version	3.0

