



Submission

ID **1998**

Tier: 2
 Expenditure Plans this Fiscal Year: 2016-17
 Submittal Option: Multiple-Year (bundled) Award Expenditure Plan

Grant Amount Requested: \$206,004.00
 Grant Balance Available: \$163,276.00

Applicant Information

Local Education Agency Name: Seeley Union Elementary
 LEA CDS Code: 13632220000000
 Mailing Address: PO Box 868
 City: Seeley
 Zip Code: 92273-0868

Energy Planning Reservation Information

Did you request Energy Planning Funds? (If no, move on to next section)	<u>Yes</u>		
Budget for Screening and Energy Audits:	<u>\$41,510.72</u>	Amount Spent for Screening and Audits:	<u>\$41,510.72</u>
Budget for Proposition 39 Program Assistance:	<u></u>	Amount Spent for Program Assistance:	<u></u>
Budget for Energy Manager:	<u>\$11,092.81</u>	Amount Spent for Energy Manager:	<u>\$11,092.81</u>
Budget for Training Totals:	<u>\$2,500.00</u>	Amount Spent for Training:	<u>\$2,500.00</u>
Totals:	<u>\$55,103.53</u>	Totals:	<u>\$55,103.53</u>

LEA Authorized Representative

Name: Cecilia Dial
 Title: Superintendent
 Phone: 7603523571
 Email: cdial@seeley.k12.ca.us

Energy Manager and Training

Are you hiring an Energy Manager with Funds Requested in this Expenditure Plan? Yes Amount Requesting for Energy Manager: \$16,500.00
 Are you using Proposition 39 funds for energy related training costs? No Amount Requesting for Training:

Summary of Schools/Sites

	Total Project Cost	Proposition 39 Share	
Estimated Totals:	<u>\$189,504.00</u>	<u>\$189,504.00</u>	Summation is for 1 School

Job Creation Benefits Estimation

Type of Project	Budget	Estimated Direct Job-Years Created	Please list any state-certified apprenticeship programs being used: <div style="border: 1px solid black; height: 60px; width: 100%;"></div>
Energy Efficiency	<u>\$189,504.00</u>	<u>1.06</u>	
Renewable Generation	<u></u>	<u></u>	
Distributed Energy	<u></u>	<u></u>	
Total:		<u>1.06</u>	

Apprenticeship Information Budget Estimated Apprenticeship Job-Years Created No Will this project be subject to a community benefits agreement, community workforce agreement, or other mechanism that defines project co-benefits?

Other Trainee Position Title	Estimated Other Trainee Jobs Created
<u></u>	<u></u>
<u></u>	<u></u>
<u></u>	<u></u>
<u></u>	<u></u>
Total:	<u></u>

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 Regulations, Title 14.
- Yes The LEA acknowledges that the expenditures are subject to financial audit requirements
- Yes The LEA commits to complying with all reporting requirements.

Authorized Representative: Cecilia Dial Date: 3/31/2017



Site Information

Project Start Date: 6/1/2017
 Completion Date: 12/31/2017
 Local Education Agency: Seeley Union Elementary
 LEA CDS Code: 1363222000000

School or Site Information

School/Site Name: Seeley Elementary
 School/Site CDS Code: 13632226008643
 School/Site Mailing Address: 1812 W Rio Vista Street
 City: Seeley
 Zip Code: 92273-0868

Energy Efficiency Project Summary

Measure Savings Source: Combination Calculator and Audit
 Proposition 39 Share to be used for Measure Implementation (\$): \$189,504.00

Benchmarking

Square Footage of School/Site: 54,429
 Average Peak Demand (kW): 170
 Total Annual Electric Use (kWh): 335,040
 Total Annual Electric Charges (\$): \$87,043.00
 Total Annual Gas Use (therms): 1,220
 Total Annual Gas Charges (\$): \$2,018.96
 Total Annual Propane Use (gals): _____
 Total Annual Propane Charges (\$): _____
 Total Annual Fuel Oil Use (gals): _____
 Total Annual Fuel Oil Charges (\$): _____
 Energy Bill Fiscal Year: 2015-16
 Electric Utility: Imperial Irrigation District
 Electric Utility Account #: 50341602, 50015269, 50040771, 500
 Gas Utility: Southern California Gas
 Gas Utility Account #: 15332388006

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

Energy Use Intensity Calculator					
Electricity		Natural Gas		Other Fuels	
3.12	W/SF	.02	Therms/SF		Gals/SF
6.16	kWh/SF	\$.04	Cost/SF		Cost/SF
\$1.60	Cost/SF				
Energy Costs/SF/Year:		\$1.64	Energy Use(Kbtu)/SF/Year:		68.20

Version **6**

Energy Efficiency Measure	Description	Demand Savings (kW)	Annual Electric Savings	Annual Nat. Gas Savings	Annual Propane Savings	Annual Fuel Oil Savings	Annual Energy Cost Savings (\$)	Measure Cost (\$)	Rebates and Grants (\$)	EEM SIR
Lighting Controls	Install lighting occupancy sensors in all rooms District-wide		11,075				\$1,041.00	\$11,776.00		.90
Lighting Controls	Install photocell and vacancy controls for new LED fixtures		10,692				\$1,005.00	\$12,710.00		.83
HVAC Controls- Energy Management System	Install internet/network thermostats District-wide to control HVAC equipment set points and schedules. Add Door Sensors to cycle off HVAC when door is left open.		43,785				\$4,116.00	\$40,051.00		1.82
Lighting- Retrofit Interior Lamps to LED	Replace 32-watt T8 fluorescent lamps with 14-watt LED lamps district-wide		47,686				\$12,375.00	\$48,246.00		3.98
Lighting- Exterior Fixture Retrofit	Retrofit existing high pressure sodium and metal halide exterior lighting fixtures with energy efficient LED lamps		32,662				\$4,279.00	\$75,717.00		1.17
Lighting- Retrofit Interior Lamps to LED	Replace incandescent lamps in interior fixtures with new LED based screw in lamps	7	616				\$81.00	\$392.00		3.28
Lighting- Retrofit Interior Lamps to LED	Replace 26 watt four pin CFL lamps with new 9 watt LED lamps in interior lighting fixtures		455				\$60.00	\$612.00		1.75

Energy Efficiency Narrative Description

Seeley Union School District has had an energy audit performed in 2015 and has installed energy monitoring devices to detect energy use within its classroom facilities. The District has learned that there is energy waste occurring during non-operational hours and is implementing an Energy Manager System (EMS). This request for Prop 39 funds will help the implement an energy dashboard software system with necessary hardware for monitoring along with the control mechanisms to manage HVAC and lighting throughout the facility. The remainder of funds will be used to replace existing interior and exterior outdated lighting and install new, efficient lighting technologies such as LEDs.

Site Project Summary

Total Demand Savings	<u>7</u>	Total Annual Fuel Oil Savings	_____	Total Prop 39 Share	<u>\$189,504.00</u>
Total Annual Electric Savings	<u>146,971</u>	Total Annual Cost Savings	<u>\$22,957.00</u>	Savings-to-investment Ratio (SIR)	<u>1.99</u>
Total Annual Natural Gas Savings	_____	Total Project Cost	<u>\$189,504.00</u>	Total Cost Paid Under PPA	_____
Total Annual Propane Savings	_____	Total Rebates	_____		