



APPLICATION **APPROVED**

Submission

ID **2623** Submittal Option: Expenditure Plans this Fiscal Year: **2017-18** Tier: **2**

Energy Planning Reservation Information

Did you request Energy Planning Funds? (If no, move on to next section) **Yes**  
Budget for Screening and Energy Audits: \_\_\_\_\_  
Budget for Proposition 39 Program Assistance: \_\_\_\_\_  
Budget for Energy Manager: \_\_\_\_\_  
Budget for Training Totals: \_\_\_\_\_  
Totals: \_\_\_\_\_

Energy Manager and Training

Are you hiring an Energy Manager with Funds Requested in this Expenditure Plan? \_\_\_\_\_  
Are you using Proposition 39 funds for energy related training costs? \_\_\_\_\_

Summary of Schools/Sites

Total Project Cost **Proposition 39 Share**  
Estimated Totals: **\$181,595.00** **\$153,603.00**

Job Creation Benefits Estimation

Type of Project **Budget**  
Energy Efficiency **\$153,603.00**  
Renewable Generation  
Distributed Energy  
Total: **0.86**

Estimated Apprenticeship Job-Years Created  
Estimated Other Trainee Jobs Created

Apprenticeship Information  
Other Trainee Position Title

Total:

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.  
Yes The LEA commits to following all contracting requirements in the Proposition 39 Guidelines, including not using a sole source process to award funds and providing a clear and accurate description of the eligible energy project in all contracts.

Authorized Representative: **George Parker**

Date: **10/3/2017** Bundled SIR: **1.01** Version **6**

Applicant Information  
Local Education Agency Name: **Da Vinci Charter Academy**  
LEA CDS Code: **57726780119578**

Mailing Address: **1400 East Eighth Street**  
City: **Davis**  
Zip Code: **95616-2404**

LEA Authorized Representative

Name: **George Parker**  
Title: **Director of Facilities, Maintenance & Operations**  
Phone: **5307592182**  
Email: **gparker@djusd.net**

Project Manager

Name: **Will Pearce**  
Title: **Account Manager**  
Phone: **6507122019**  
Email: **will.pearce@clearresult.com**

Please list any state-certified apprenticeship programs being used:

Summation is for **1** School

Will this project be subject to a community benefits agreement, community workforce agreement, or other mechanism that defines project co-benefits?

# Site Information

Project Start Date: 3/1/2018  
 Completion Date: 12/31/2019  
 Local Education Agency: Da Vinci Charter Academy  
 LEA CDS Code: 57726780119578

# School or Site Information

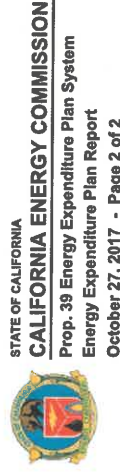
School/Site Name: Da Vinci Charter Academy  
 School/Site CDS Code: 57726780119578  
 School/Site Mailing Address: 1400 East Eighth St.  
 City: Davis  
 Zip Code: 95616-2404

# Energy Efficiency Project Summary

Measure Savings Source: Combination Calculator and Audit  
 Proposition 39 Share to be used for Measure Implementation (\$): \$153,603.00

# Benchmarking

Square Footage of School/Site: 25,150  
 Average Peak Demand (kW): 124  
 Total Annual Electric Use (kWh): 138,120  
 Total Annual Electric Charges (\$): \$33,363.40  
 Total Annual Gas Use (therms): 2,041  
 Total Annual Gas Charges (\$): \$2,104.20  
 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: PG&E  
 Electric Utility Account #: 3574702786  
 Gas Utility: PG&E  
 Gas Utility Account #: 9491864005



# Prop. 39 Energy Expenditure Plan System Energy Expenditure Plan Report October 27, 2017 - Page 2 of 2

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

School/Site Mailing Address: 1400 East Eighth St.									
City: Davis									
Zip Code: 95616-2404									
Energy Efficiency Project Summary									
Measure Savings Source: Combination Calculator and Audit									
Proposition 39 Share to be used for Measure Implementation (\$): \$153,603.00									
Total Annual Propane Charges (\$):									
Total Annual Fuel Oil Use (gals):									
Total Annual Fuel Oil Charges (\$):									
Energy Bill Fiscal Year: 2015-16									
Electric Utility: PG&E									
Electric Utility Account #: 3574702786									
Gas Utility: PG&E									
Gas Utility Account #: 9491864005									
Energy Use Intensity Calculator									
Electricity									
4.93 W/SF									
5.49 kWh/SF									
Therms/SF									
Cost/SF									
Cost/SF									
Energy Costs/SF/Year: \$1.41									
Energy Use(kBtu)/SF/Year: 66.97									
Version 6									
Total									
Leveraged									
Funding (\$)									
Other Non-									
Repayable									
Funds (\$)									
Rebates (\$)									
Measure									
Cost (\$)									
Annual									
Energy Cost									
Savings (\$)									
Annual									
Fuel Oil									
Savings									
Annual									
Propane									
Savings									
Annual									
Nat. Gas									
Savings									
Annual									
Electric									
Savings									
Demand									
Savings									
(kW)									
Description									
Da Vinci Charter- Retrofit interior lamps to LED									
Lighting- Retrofit Interior Lamps to LED									
Lighting Controls									
Da Vinci Charter Academy - Lighting Controls - Interior occupancy and daylight sensors									
Lighting- Exterior Fixture Retrofit									
Da Vinci Charter Academy - Lighting - Replace Exterior Lighting Lamps/Fixtures									
Lighting Controls									
Da Vinci Charter Academy - Lighting Controls - Occupancy Sensors									
Lighting- Interior Fixture Retrofit									
Da Vinci Charter Academy - Lighting - Upgrade Interior T12/T8 Fluorescent Fixtures									
Lighting Controls									
Da Vinci Charter Academy - Lighting Controls - Exterior Photocells / Time Clocks									
EEM									
SIR									
.81									
.77									
3.33									
2.80									
.90									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									
\$1,445.00									

# Site Project Summary

Total Demand Savings		Total Annual Fuel Oil Savings		Total Prop 39 Share	\$153,603.00
Total Annual Electric Savings	31,774	Total Annual Cost Savings	\$7,547.00	Savings-to-Investment Ratio (SIR)	1.01
Total Annual Natural Gas Savings	(14)	Total Project Cost	\$161,595.00	Total Cost Paid Under PPA	
Total Annual Propane Savings		Total Rebates	\$7,992.00	Total Other Non-Repayable Funds	
				Overall Total Leveraged Funding (\$)	\$7,992.00



**APPLICATION APPROVED**

March 6, 2018  
 1 of 5

**Submission**

**ID** 5178 **Submission Option:** Expenditure Plans this Fiscal Year: 2017-18 Multiple-Year (bundled) Award Expenditure Plan

**Energy Planning Reservation Information**

Did you request Energy Planning Funds? (If no, move on to next section) **Yes**  
 Budget for Screening and Energy Audits: \$32,055.81  
 Budget for Proposition 39 Program Assistance:  
 Budget for Energy Manager:  
 Budget for Training Totals: \$32,055.81  
 Totals: \$32,055.81

**Energy Manager and Training**

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**

**Summary of Schools/Sites**

**Job Creation Benefits Estimation**  
 Estimated Totals: Total Project Cost \$689,452.45 Proposition 39 Share \$624,093.70

**Job Creation Benefits Estimation**

Type of Project Budget  
 Energy Efficiency \$624,093.70  
 Renewable Generation  
 Distributed Energy

Estimated Totals: Total: 3.49  
 Estimated Apprenticeship Job-Years Created  
 Estimated Other Trainee Jobs Created

**Apprenticeship Information**

Other Trainee Position Title

**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.
- Yes The LEA commits to following all contracting requirements in the Proposition 39 Guidelines, including not using a sole source process to award funds and providing a clear and accurate description of the eligible energy project in all contracts.

Authorized Representative: Bruce E. Colby

Date: 2/16/2018 Bundled SIR: 1.41 Version 6

**Applicant Information**

Local Education Agency Name: Davis Joint Unified  
 LEA CDS Code: 57726780000000

Mailing Address: 526 B Street

City: Davis

Zip Code: 95616-3811

**LEA Authorized Representative**

Name: Bruce E. Colby

Title: Chief Business Officer

Phone: 5307575300

Email: bcolby@djusd.net

**Project Manager**

Name: Will Pearce

Title: Account Manager

Phone: 6507122019

Email: will.pearce@clearresult.com

Please list any state-certified apprenticeship programs being used:

Summation is for 4 Schools

Will this project be subject to a community benefits agreement, community workforce agreement, or other mechanism that defines project co-benefits?

# Site Information

Project Start Date: 2/15/2018  
 Completion Date: 2/15/2019  
 Local Education Agency: Davis Joint Unified  
 LEA CDS Code: 57726780000000

## School or Site Information

School/Site Name: Birch Lane Elementary  
 School/Site CDS Code: 57726786056246  
 School/Site Mailing Address: 1600 Birch Ln.  
 City: Davis  
 Zip Code: 95616-1499

## Energy Efficiency Project Summary

Measure Savings Source: Combination Calculator and Audit  
 Proposition 39 Share to be used for Measure Implementation (\$): \$132,476.00

## Benchmarking

Square Footage of School/Site: 47,391  
 Average Peak Demand (kW): 129  
 Total Annual Electric Use (kWh): 221,278  
 Total Annual Electric Charges (\$): \$54,969.00  
 Total Annual Gas Use (therms): 3,024  
 Total Annual Gas Charges (\$): \$3,912.00  
 Total Annual Propane Use (gals):  
 Total Annual Propane Charges (\$):  
 Total Annual Fuel Oil Use (gals):  
 Total Annual Fuel Oil Charges (\$):  
 Energy Bill Fiscal Year: 2016-17  
 Electric Utility: PG&E  
 Electric Utility Account #: 3574702207  
 Gas Utility: PG&E  
 Gas Utility Account #: 3574702207

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

School/Site Mailing Address: 1600 Birch Ln.									
City: Davis									
Zip Code: 95616-1499									
Energy Efficiency Project Summary									
Measure Savings Source: Combination Calculator and Audit									
Proposition 39 Share to be used for Measure Implementation (\$): \$132,476.00									
Energy Efficiency Measure									
Lighting- Retrofit Interior Lamps to LED	Retrofit Interior Lamps to LED								
Lighting- Interior Fixture Retrofit	Replace Interior Fixtures with LED Fixtures								
Lighting- Exterior Fixture Retrofit	Replace Exterior Lighting Lamps/Fixtures								
Lighting Controls	Interior Occupancy Sensors								
Lighting Controls	Exterior PhotoCell/Occupancy Sensors								

Energy Use Intensity Calculator									
Electricity		Natural Gas		Other Fuels					
2.72	W/SF	.06	Therms/SF						
4.67	kWh/SF	\$ .08	Cost/SF						
\$1.16	Cost/SF								
Energy Costs/SF/Year:		\$1.24		Energy Use(kBtu)/SF/Year:		56.42			
Version 6									
Demand Savings (kW)		Annual Electric Savings	Annual Nat. Gas Savings	Annual Propane Savings	Annual Fuel Oil Savings	Annual Measure Cost Savings (\$)	Rebates (\$)	Other Non-Repayable Funds (\$)	Total Leveraged Funding (\$)
254		(2)				\$59.85	\$520.00		1.99
33,001		(310)				\$7,796.87	\$130,887.50	\$10,957.50	1.33
3,480						\$859.63	\$2,400.00	\$24.00	5.47
4,903						\$1,217.91	\$9,450.00		1.22
20						\$4.89	\$200.00		.41

## Energy Efficiency Narrative Description

Efficiency measures installed at Birch Lane Elementary School will include exterior lighting fixture retrofits, interior lamp and lighting retrofits, and lighting controls for both interior and exterior. These measures will result in about 41,000 kWh or \$9,939 in annual savings.

## Site Project Summary

Total Demand Savings		Total Annual Fuel Oil Savings		Total Prop 39 Share	\$132,476.00
Total Annual Electric Savings	41,638	Total Annual Cost Savings	\$9,939.15	Savings-to-Investment Ratio (SIR)	1.39
Total Annual Natural Gas Savings	(312)	Total Project Cost	\$143,457.50	Total Cost Paid Under PPA	
Total Annual Propane Savings		Total Rebates	\$10,981.50	Total Other Non-Repayable Funds	
			Overall Total Leveraged Funding (\$)		
			\$10,981.50		

**Site Information**

Project Start Date: 2/15/2018  
Completion Date: 2/15/2019  
Local Education Agency: Davis Joint Unified  
LEA CDS Code: 57726780000000

**School or Site Information**

School/Site Name: Cesar Chavez Elementary  
School/Site CDS Code: 57726786056295  
School/Site Mailing Address: 1221 Anderson Rd.  
City: Davis  
Zip Code: 95616-1899

**Energy Efficiency Project Summary**

Measure Savings Source: Combination Calculator and Audit  
Proposition 39 Share to be used for Measure Implementation (\$): \$141,419.80

**Benchmarking**

Square Footage of School/Site: 40,718  
Average Peak Demand (kW): 137  
Total Annual Electric Use (kWh): 214,715  
Total Annual Electric Charges (\$): \$54,939.00  
Total Annual Gas Use (therms): 4,212  
Total Annual Gas Charges (\$): \$5,268.00  
Total Annual Propane Use (gals):  
Total Annual Propane Charges (\$):  
Total Annual Fuel Oil Use (gals):  
Total Annual Fuel Oil Charges (\$):  
Energy Bill Fiscal Year: 2016-17  
Electric Utility: PG&E  
Electric Utility Account #: 3574702207  
Gas Utility: PG&E  
Gas Utility Account #: 3574702207

Energy Use Intensity Calculator					
Electricity		Natural Gas		Other Fuels	
3.36	W/SF	.10	Therms/SF		Gals/SF
5.27	kWh/SF	\$ .13	Cost/SF		Cost/SF
\$1.35	Cost/SF				
Energy Costs/SF/Year:			\$1.48	Energy Use(kbtu)/SF/Year: 66.85	

Version 6									
Demand Savings (kW)		Annual Electric Savings	Annual Nat. Gas Savings	Annual Propane Savings	Annual Fuel Oil Savings	Annual Energy Cost Savings (\$)	Measure Cost (\$)	Rebates (\$)	Other Non-Repayable Funds (\$)
3,432		254	(2)			\$878.07	\$2,780.00	\$96.00	\$96.00
7,483		7,483				\$1,914.72	\$8,100.00		
23,855		23,855	(224)			\$5,823.22	\$132,925.00	\$3,352.50	\$3,352.50
72						\$18.46	\$800.00		
									\$96.00
									5.00
									3.68
									2.05
									1.01
									.40

**Energy Efficiency Narrative Description**

Efficiency measures installed at Cesar Chavez Elementary School will include exterior lighting fixture retrofits, interior lamp and lighting retrofits, and lighting controls for both interior and exterior. These measures will result in about 35,000 kWh or \$8,600 in annual savings.

**Site Project Summary**

Total Demand Savings		Total Annual Fuel Oil Savings		Total Prop 39 Share	\$141,419.80
Total Annual Electric Savings	35,096	Total Annual Cost Savings	\$8,696.35	Savings-to-Investment Ratio (SIR)	1.15
Total Annual Natural Gas Savings	(226)	Total Project Cost	\$144,868.30	Total Cost Paid Under PPA	
Total Annual Propane Savings		Total Rebates	\$3,448.50	Total Other Non-Repayable Funds	
			Overall Total Leveraged Funding (\$)		
			\$3,448.50		

# Site Information

Project Start Date: 2/16/2018  
 Completion Date: 2/16/2018  
 Local Education Agency: Davis Joint Unified  
 LEA CDS Code: 57726780000000

# School or Site Information

School/Site Name: North Davis Elementary  
 School/Site CDS Code: 57726780056281  
 School/Site Mailing Address: 555 East 14th St.  
 City: Davis  
 Zip Code: 95616-2097

# Energy Efficiency Project Summary

Measure Savings Source: Combination Calculator and Audit  
 Proposition 39 Share to be used for Measure Implementation (\$): \$117,198.75

# Benchmarking

Square Footage of School/Site: 44,719  
 Average Peak Demand (kW): 144  
 Total Annual Electric Use (kWh): 218,445  
 Total Annual Electric Charges (\$): \$218,445.00  
 Total Annual Gas Use (therms): 3,361  
 Total Annual Gas Charges (\$): \$4,333.00  
 Total Annual Propane Use (gals):  
 Total Annual Propane Charges (\$):  
 Total Annual Fuel Oil Use (gals):  
 Total Annual Fuel Oil Charges (\$):  
 Energy Bill Fiscal Year: 2016-17  
 Electric Utility: PG&E  
 Electric Utility Account #: 3574702207  
 Gas Utility: PG&E  
 Gas Utility Account #: 3574702207

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

Energy Use Intensity Calculator									
Total Annual Propane Charges (\$):		Electricity		Natural Gas		Other Fuels			
Total Annual Fuel Oil Use (gals):		3.22 W/SF		.08 Therms/SF		Gals/SF			
Total Annual Fuel Oil Charges (\$):		4.88 kWh/SF		\$.10 Cost/SF		Cost/SF			
Energy Bill Fiscal Year: 2016-17		\$4.88 Cost/SF							
Electric Utility: PG&E		Energy Costs/SF/Year: \$4.98		Energy Use(kBtu)/SF/Year: 59.86					
Electric Utility Account #: 3574702207									
Gas Utility: PG&E									
Gas Utility Account #: 3574702207								Version 6	
		Demand Savings (kW)		Annual Electric Savings		Annual Propane Savings		Annual Fuel Oil Savings	
				1,808					
						(1)			
						(313)			





**Site Information**  
 Project Start Date: 2/16/2018  
 Completion Date: 2/16/2019  
 Local Education Agency: Davis Joint Unified  
 LEA CDS Code: 57726780000000

**School or Site Information**  
 School/Site Name: Oliver Wendell Holmes Junior High  
 School/Site CDS Code: 5772678600396  
 School/Site Mailing Address: 1220 Drexel Dr.  
 City: Davis  
 Zip Code: 95616-2123

**Energy Efficiency Project Summary**  
 Measure Savings Source: Combination Calculator and Audit  
 Proposition 39 Share to be used for Measure Implementation (\$): \$232,999.15

**Benchmarking**

Square Footage of School/Site: 100,983  
 Average Peak Demand (kW): 223  
 Total Annual Electric Use (kWh): 489,360  
 Total Annual Electric Charges (\$): \$112,285.00  
 Total Annual Gas Use (therms): 12,134  
 Total Annual Gas Charges (\$): \$14,879.00  
 Total Annual Propane Use (gals):  
 Total Annual Propane Charges (\$):  
 Total Annual Fuel Oil Use (gals):  
 Total Annual Fuel Oil Charges (\$):  
 Energy Bill Fiscal Year: 2016-17  
 Electric Utility: PG&E  
 Electric Utility Account #: 3574702207  
 Gas Utility: PG&E  
 Gas Utility Account #: 3574702207

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

School/Site Mailing Address: 1220 Drexel Dr.									
City: Davis									
Zip Code: 95616-2123									
Energy Efficiency Project Summary									
Measure Savings Source: Combination Calculator and Audit									
Proposition 39 Share to be used for Measure Implementation (\$): \$232,999.15									
Total Annual Propane Charges (\$):									
Total Annual Fuel Oil Use (gals):									
Total Annual Fuel Oil Charges (\$):									
Energy Bill Fiscal Year: 2016-17									
Electric Utility: PG&E									
Electric Utility Account #: 3574702207									
Gas Utility: PG&E									
Gas Utility Account #: 3574702207									
Energy Use Intensity Calculator									
Electricity									
2.21 W/SF									
4.85 kWh/SF									
\$1.11 Cost/SF									
Energy Costs/SF/Year: \$1.26									
Energy Use(kBtu)/SF/Year: 63.95									
Version 6									
Energy Efficiency Measure									
Lighting- Exterior Fixture Retrofit									
Lighting Controls									
Lighting Controls									
Lighting- Retrofit Interior Lamps to LED									
Lighting- Interior Fixture Retrofit									
Lighting- Interior Fixture Retrofit									
Demand Savings (kW)									
Annual Electric Savings									
Annual Nat. Gas Savings									
Annual Propane Savings									
Annual Fuel Oil Savings									
Annual Energy Cost Savings (\$)									
Measure Cost (\$)									
Rebates (\$)									
Other Non-Repayable Funds (\$)									
Total Leveraged Funding (\$)									
EEM SIR									
5.01									
1.23									
.33									
2.36									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									
\$18,011.25									

**Energy Efficiency Narrative Description**

Efficiency measures installed at Birch Lane Elementary School will include exterior lighting fixture retrofits, interior lamp and lighting retrofits, and lighting controls for both interior and exterior. Interior lighting retrofits will include high-bay fixtures. These measures will result in about 88,000 kWh or \$19,000 in annual savings.

**Site Project Summary**

Total Demand Savings		Total Annual Fuel Oil Savings		Total Prop 39 Share	\$232,999.15
Total Annual Electric Savings	88,612	Total Annual Cost Savings	\$19,197.47	Savings-to-investment Ratio (SIR)	1.55
Total Annual Natural Gas Savings	(926)	Total Project Cost	\$252,520.40	Total Cost Paid Under PPA	
Total Annual Propane Savings		Total Rebates	\$19,521.25	Total Other Non-Repayable Funds	
			Overall Total Leveraged Funding (\$)		
			\$19,521.25		