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February 10, 2016

The Honorable Mark Leno  
Chair, Joint Legislative Budget Committee  
1020 N Street, Room 553  
Sacramento, California 95814

Dear Senator Leno:

Pursuant to Sections 92493 through 92496 of the Education Code (SB 81, Chapter 22, Statutes of 2015), enclosed is the University of California's annual progress report to the Legislature on the *Statewide Energy Partnership (SEP) Program*.

If you have any questions regarding this report, Associate Vice President Debora Obley would be pleased to speak with you. She can be reached by telephone at (510) 987-9112, or by email at [Debora.Obley@ucop.edu](mailto:Debora.Obley@ucop.edu).

Yours very truly,



Janet Napolitano  
President

Enclosure

cc: Senate Budget and Fiscal Review  
The Honorable Marty Block, Chair  
Senate Budget and Fiscal Review Subcommittee #1  
(Attn: Ms. Anita Lee)  
(Attn: Ms. Cheryl Black)  
The Honorable Kevin McCarty, Chair  
Assembly Budget Subcommittee #2  
(Attn: Mr. Mark Martin)  
(Attn: Ms. Amy Rutschow)  
Ms. Peggy Collins, Joint Legislative Budget Committee  
Ms. Amy Leach, Office of the Chief Clerk of the Assembly  
Mr. Jim Lasky, Legislative Counsel Bureau  
Mr. E. Dotson Wilson, Chief Clerk of the Assembly  
Mr. Daniel Alvarez, Secretary of the Senate  
Mr. Michael Cohen, Department of Finance

Mr. Christian Osmena, Department of Finance  
Ms. Maritza Urquiza, Department of Finance  
Ms. Karen Finn, Department of Finance  
Mr. Jeff Bell, Department of Finance  
Ms. Sally Lukenbill, Department of Finance  
Ms. Raghda Nassar, Department of Finance  
Ms. Tina McGee, Legislative Analyst's Office  
Mr. Mac Taylor, Legislative Analyst's Office  
Mr. Jason Constantouros, Legislative Analyst's Office  
Provost and Executive Vice President Aimée Dorr  
Executive Vice President and Chief Financial Officer Nathan Brostrom  
Executive Vice President and Chief Operating Officer Rachael Nava  
Senior Vice President Nelson Peacock  
Associate Vice President Sandra Kim  
Associate Vice President Deborah Wylie  
Associate Vice President David Phillips  
Associate Vice President Debora Obley  
Associate Vice President and Director Steve Juarez  
Executive Director Jenny Kao  
Executive Director Kieran Flaherty  
Director David Alcocer  
Director Dana Santa Cruz  
Manager Bruce Kennedy  
Executive Advisor Marsha Sato

**Report on the Annual Progress of the  
Statewide Energy Partnership (SEP) Program**

Legislative Report

February 2016



UNIVERSITY *of* CALIFORNIA

**UNIVERSITY OF CALIFORNIA**  
**Report on the Annual Progress of the**  
**Statewide Energy Partnership (SEP) Program**

This report is submitted by the University of California in response to language contained in Sections 92493 through 92496 of the Education Code (SB 81, Chapter 22, Statutes of 2015), which state in part:

92495(g). Notwithstanding Section 10231.5 of the Government Code, commencing with the 2014–15 fiscal year, on or before February 1 of each fiscal year, the University of California shall simultaneously submit a progress report to the Joint Legislative Budget Committee and the Department of Finance detailing the scope, funding, and current status of all capital expenditures undertaken pursuant to Section 92493 and for all capital outlay projects undertaken pursuant to Section 92494.

Sections 92493 through 92496 permit the University of California to expend state operations funding for capital expenditures and debt service payment for projects associated with the university's Statewide Energy Partnership (SEP) Program following legislative notification. This provision permits the University of California to update the list of approved energy efficiency projects as new projects are identified for inclusion in the program, and requires the University of California to submit a progress report, which shows completed energy projects.

The following list (on page 3) identifies energy efficiency projects in State-supported facilities that have been completed in the Partnership Program since the previous reporting period. Energy savings for the projects on this list total \$1.9 million per year with Utility incentives of \$3.8 million. This list brings total reported Statewide Energy Partnership (SEP) Program energy savings in state-supported facilities to \$16.5 million per year and Investor Owned Utility incentives to \$31.4 million. The Statewide Energy Partnership Program has been extended by the University for an additional 10 years.

**University of California**  
**List of Completed Projects in State-Supported Facilities**  
**Included in the 2015 Statewide Energy Partnership Program**

SEP ID#	Campus	Proposed List BuildingName	Project Name	Final Project Cost	Anticipated Funding Source	Final Incentive	Total Cost Savings
A3121	Berkeley	CHAVEZ	Retrofit - Chavez Center Lighting	\$ 43,718	State Operating Funds	\$ 19,563	\$ 8,151
A7016	Berkeley	BARROWS	Retrofit - Barrows Hall VFD and HVAC Optimization	\$ 70,113	State Operating Funds	\$ 6,433	\$ 3,725
A7017	Berkeley	PIEDMON2232	Retrofit - Piedmont Houses Lighting	\$ 28,239	State Operating Funds	\$ 7,028	\$ 2,928
A7022	Berkeley	DONNER LAB	Retrofit - Donner Laboratory Lighting	\$ 57,132	State Operating Funds	\$ 13,225	\$ 5,511
A7029	Berkeley	CAMPUSWIDE	Retrofit - Multi-Building CFL to LED Lighting	\$ 40,201	State Operating Funds	\$ 12,958	\$ 5,399
A7031	Berkeley	CALVIN LAB	Retrofit - Calvin Lab HVAC Optimization	\$ 75,093	State Operating Funds	\$ 41,631	\$ 21,351
A7034	Berkeley	OXFORD RES	Retrofit - Oxford Track Lighting	\$ 107,775	State Operating Funds	\$ 32,628	\$ 13,595
B7022	San Francisco	CAMPUSWIDE	Retrofit - Campuswide Lighting Phase II	\$ 266,711	State Operating Funds	\$ 36,133	\$ 15,056
B7030	San Francisco	654 MINNESOT	Retrofit - Data Center Server Room Energy Improvements	\$ 450,000	State Operating Funds	\$ 75,318	\$ 31,382
B7037	San Francisco	CAMPUSWIDE	Retrofit - Campuswide High Efficiency Freezer Replacement Phase 2	\$ 26,052	State Operating Funds	\$ 8,059	\$ 3,358
C7011	Davis	PLNT&ENV SCI	Retrofit - Plant and Environmental Science Efficient HVAC	\$ 1,008,306	State Operating Funds	\$ 219,717	\$ 102,511
C7014	Davis	GHAUSI	Retrofit - Ghausi Efficient HVAC	\$ 595,530	State Operating Funds	\$ 55,344	\$ 22,858
C7034	Davis	CAMPUSWIDE	Retrofit - Smart Lighting Initiative II - Area 1	\$ 1,522,247	State Operating Funds	\$ 148,496	\$ 61,873
C7053	Davis	CAMPUSWIDE	Retrofit - Smart Lighting Initiative II - Area 2	\$ 2,664,646	State Operating Funds	\$ 304,355	\$ 121,274
C7054	Davis	CAMPUSWIDE	Retrofit - Smart Lighting Initiative II - Area 3	\$ 1,586,415	State Operating Funds	\$ 182,047	\$ 73,656
C7055	Davis	CAMPUSWIDE	Retrofit - Smart Lighting Initiative II - Area 4	\$ 2,087,890	State Operating Funds	\$ 253,326	\$ 102,617
C7056	Davis	TUPPER HALL	Retrofit - Tupper Hall Fume Exhaust Optimization Phase II	\$ 755,000	State Operating Funds	\$ 515,449	\$ 289,739
C7057	Davis	CAMPUSWIDE	Retrofit - Exterior Lighting Upgrade Phase 2	\$ 423,529	State Operating Funds	\$ 37,917	\$ 15,799
C7064	Davis	CAMPUSWIDE	Retrofit - Demand Control Ventilation Optimization Area 3	\$ 835,674	State Operating Funds	\$ 107,861	\$ 52,320
F2057	San Diego	CMM WEST	Retrofit - CMMW Variable Air Volume HVAC	\$ 3,331,461	State Operating Funds	\$ 137,565	\$ 98,653
F2064	San Diego	SVERDRUP	Retrofit - Sverdrup Hall Variable Air Volume & Chilled Water Optimization	\$ 3,343,143	State Operating Funds	\$ 179,427	\$ 91,647
F2066	San Diego	CAMPUSWIDE	Retrofit - Bonner Hall Variable Air Volume HVAC	\$ 4,318,323	State Operating Funds	\$ 720,634	\$ 400,463
F3091	San Diego	CHEM RES BLD	MBCx - SSRB Monitoring Based Commissioning	\$ 160,006	State Operating Funds	\$ 150,572	\$ 79,829
F7039	San Diego	MAYER HALL	Retrofit - Argon to LED Laser Replacement	\$ 51,654	State Operating Funds	\$ 16,534	\$ 6,889
G7012	Santa Cruz	CAMPUSWIDE	Retrofit - McHenry Library Lighting	\$ 165,984	State Operating Funds	\$ 40,304	\$ 16,793
G7021	Santa Cruz	SOC SCI 2	MBCx - College Ten Academic (Soc Sci 2)	\$ 220,000	State Operating Funds	\$ 28,269	\$ 16,546
G7027	Santa Cruz	MUSIC CTR	MBCx - Music Center	\$ 110,394	State Operating Funds	\$ 31,953	\$ 17,230
G7031	Santa Cruz	CAMPUSWIDE	Retrofit - Fixture Upgrade to LEDs, T8s, Helen Lamps & Occ. Sensors	\$ 65,285	State Operating Funds	\$ 6,355	\$ 2,648
G7032	Santa Cruz	CAMPUSWIDE	Retrofit - Stevenson College Admin Boiler	\$ 383,800	State Operating Funds	\$ 4,912	\$ 3,313
H3055	Santa Barbara	CHEADLE HALL	MBCx - Cheadle Hall	\$ 121,686	State Operating Funds	\$ 48,413	\$ 22,988
H4024	Santa Barbara	CAMPUSWIDE	Retrofit - Hot Water Loop Efficiency Upgrades Phase 1	\$ 3,325,420	State Operating Funds	\$ 62,396	\$ 49,917
H7010	Santa Barbara	HARDER STAD	Retrofit - Harder Stadium Flood Light Replacement	\$ 30,219	State Operating Funds	\$ 12,777	\$ 5,324
H7011	Santa Barbara	ARTS	Retrofit - Art Building Partial Lighting	\$ 4,774	State Operating Funds	\$ 578	\$ 241
H7017	Santa Barbara	ROBERTSN GYM	Retrofit - Robertson Gym Lighting Phase 2	\$ 31,152	State Operating Funds	\$ 15,576	\$ 6,971
H7018	Santa Barbara	ARTS	Retrofit - Art Museum and Studios Lighting	\$ 15,887	State Operating Funds	\$ 7,944	\$ 10,362
I7021	Irvine	CAMPUSWIDE	Retrofit - Multi-Building HVAC Controls Upgrades	\$ 283,759	State Operating Funds	\$ 198,966	\$ 95,106
I7035	Irvine	CAMPUSWIDE	Retrofit - Campuswide High Efficiency Low Pressure Drop Filter	\$ 56,462	State Operating Funds	\$ 37,346	\$ 15,561
<b>TOTAL</b>				<b>\$ 28,663,682</b>	<b>State Operating Funds</b>	<b>\$ 3,778,008</b>	<b>\$ 1,893,584</b>

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