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June 19, 2013

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

Dear Senator Leno:

Pursuant to Item 6440-001-0001, Provision 2, of the 2012 Budget Act, enclosed is the University of California's report to the Legislature on the 2011-12 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).

With best wishes, I am,

Sincerely yours,

Mark G. Yudof  
President

Enclosure

cc: Ms. Peggy Collins, Joint Legislative Budget Committee  
Ms. Tina McGee, Legislative Analyst's Office  
Ms. Amy Leach, Office of the Chief Clerk of the Assembly  
Mr. Jim Lasky, Legislative Counsel Bureau  
Mr. Gregory Schmidt, Secretary of the Senate  
Mr. E. Dotson Wilson, Chief Clerk of the Assembly  
Ms. Ana J. Matosantos, Director of Finance  
Provost and Executive Vice President Aimée Dorr  
Executive Vice President Nathan Brostrom  
Senior Vice President Dan Dooley  
Vice President Patrick Lenz  
Associate Vice President and Director Steve Juarez  
Associate Vice President Debora Obley  
Executive Director Jenny Kao

2011-12 Statewide Energy Partnership (SEP) Program

June 2013

Legislative Report



UNIVERSITY *of* CALIFORNIA



## UNIVERSITY OF CALIFORNIA

### 2011-12 Statewide Energy Partnership (SEP) Program

This report is submitted by the University of California in response to language contained in the 2012 Budget Act, which states:

“2. No later than November 15 of each year, the university shall prepare a report describing the identified projects funded under the Energy Partnership Program in the prior year. The report shall include the cost of each project, how the cost is being funded, including the amount funded from support budget funds and invest-or-owned utility incentive awards, and the projected amount of energy savings. These reports will sunset at the end of the program.”

Provision 2 of Item 6440-0001 of the 2009 Budget Act (Chapter 1, Statutes of 2009, Fourth Extraordinary Session) permits the University of California to expend State operations funding for capital expenditures and debt service payment for projects associated with the university’s 2010-12 Statewide Energy Partnership Program (Partnership 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, consistent with the reporting requirements set forth in subdivision (e) of Section 28.00.

The following list identifies energy efficiency projects in State-supported facilities that have been completed in the third Fiscal Year of the Partnership Program, FY 11-12. However, the Partnership Program is based on a calendar year. Project completion is skewed toward the latter part of the 09-12 Program Cycle (July-December 2012). A project is only considered complete if a utility has signed off on the project, verifying the energy savings delivered by the project, and the University has received the approved incentive payment. Listed projects were undertaken in facilities eligible for State support, and it is anticipated that campuses will use State operating funds to cover project costs, including debt service.

We anticipate that when all the results for the 09-11 Program cycle are tallied, annual energy savings in State-funded buildings will total over \$14M. Overall the program will have avoided over \$21M in annual energy costs, meeting stated program goals. When Program results have been finalized, we will submit a final report of completed projects up to December 31, 2012, with totals for energy savings, investor owned utility awards, project cost and the University’s share of these costs.

**University of California  
List of Completed Projects in State-Supported Facilities  
Included in the 2010-12 Statewide Energy Partnership Program  
Fiscal Year 2011-2012**

SEP ID	Campus	Building	Final Project Name	Final Project Cost	Anticipated Funding Source	Final Incentive Amount	University Cost	Total Energy Cost Savings (\$/yr)
A3126	Berkeley	BARKER	Retrofit - Barker Hall Lighting	\$114,654	State Operating Funds	\$25,519	\$89,135	\$10,633
A3125	Berkeley	BARKER	MBCx - Barker Hall	\$176,432	State Operating Funds	\$53,159	\$123,273	\$23,330
I6033	Irvine	BIO SCI 3	Retrofit - Bio Sci 3 Lighting	\$34,663	State Operating Funds	\$10,590	\$24,073	\$4,412
I6022	Irvine	BIO SCI 3	Retrofit - Bio Sci 3 CDCV	\$630,042	State Operating Funds	\$139,188	\$490,854	\$74,949
H3187	Santa Barbara	BIOLOGY 2	Retrofit - Bio 2 Heating Upgrade	\$834,112	State Operating Funds	\$70,725	\$763,387	\$56,580
H3070	Santa Barbara	BIOLOGY 2	Retrofit - Bio 2 Infst. (Animal Cage Washer)	\$334,047	State Operating Funds	\$14,047	\$320,000	\$9,740
F3045	San Diego	BONNER HALL	MBCx - Bonner Hall	\$341,134	State Operating Funds	\$97,828	\$243,306	\$77,908
I3125	Irvine	BREN HALL	MBCx - Bren Hall	\$239,463	State Operating Funds	\$48,687	\$190,776	\$27,383
I6032	Irvine	CAMPUS ROADWAYS	Retrofit - Roadway Lighting	\$413,996	State Operating Funds	\$78,586	\$335,410	\$32,744
I3305	Irvine	CAMPUSWIDE	Retrofit - Low Pressure Drop Filter	\$79,417	State Operating Funds	\$23,988	\$55,429	\$9,995
G3078	Santa Cruz	CAMPUSWIDE	Retrofit - Fackler Plant BMS Upgrade	\$332,172	State Operating Funds	\$48,334	\$283,838	\$22,738
I3308	Irvine	CAMPUSWIDE	Retrofit - 15 building Lighting	\$292,667	State Operating Funds	\$58,911	\$233,757	\$24,546
H3008	Santa Barbara	CAMPUSWIDE	Retrofit - Bren Airucuity Lab Ventilation	\$348,732	State Operating Funds	\$48,575	\$300,157	\$31,961
F2065	San Diego	CENT MOL GEN	Retrofit - Urey Hall	\$9,267,897	State Operating Funds	\$1,137,825	\$8,130,072	\$556,726
B3581	San Francisco	CENTRAL PLAN	Retrofit - PCUP Central Plant AirComp VFD	\$445,489	State Operating Funds	\$96,202	\$349,287	\$40,084
H3023	Santa Barbara	CNSI	MBCx - CNSI	\$869,927	State Operating Funds	\$350,194	\$519,733	\$152,953
I3097	Irvine	CROUL HALL	MBCx - Croul Hall	\$186,318	State Operating Funds	\$63,740	\$122,578	\$31,423

C3605	Davis	CRUESS	Retrofit - Cruess Hall	\$1,206,939	State Operating Funds	\$152,589	\$1,054,350	\$83,151
A3066	Berkeley	DAVIS	MBCx - Davis Hall	\$351,538	State Operating Funds	\$156,239	\$195,299	\$110,764
I3103	Irvine	ENG GATEWAY	MBCx - Eng Gateway	\$389,993	State Operating Funds	\$118,954	\$271,039	\$58,805
C3080	Davis	ENGINEER 3	MBCx - Ghausi Hall (EU III - formerly Walker)	\$467,975	State Operating Funds	\$52,445	\$415,530	\$29,543
I6026	Irvine	ENGINEERING UNIT 3	Retrofit - Eng Hall 3 CDCV	\$356,168	State Operating Funds	\$72,035	\$284,133	\$39,388
A3118	Berkeley	ETCHEVERRY	MBCx - Etcheverry Hall	\$229,565	State Operating Funds	\$90,812	\$138,753	\$41,726
A3216	Berkeley	EVANS	Retrofit - Evans Hall Lighting	\$231,477	State Operating Funds	\$73,918	\$157,559	\$30,799
A3077	Berkeley	HAVILAND	MBCx - Haviland Hall	\$45,117	State Operating Funds	\$230	\$44,887	\$162
A3080	Berkeley	HEARST GYM	Retrofit - Zellerbach II & Hearst Gym Lighting	\$241,258	State Operating Funds	\$81,350	\$159,908	\$34,001
A3010	Berkeley	HEARST2195 (SRB1)	MBCx - Warren Hall	\$198,745	State Operating Funds	\$88,331	\$110,414	\$80,411
I3078	Irvine	HIB	MBCx - HIB	\$178,456	State Operating Funds	\$31,032	\$147,424	\$13,692
C3003	Davis	HICKEY GYM	Retrofit - Hickey Gym Lighting	\$38,517	State Operating Funds	\$5,517	\$33,000	\$2,299
B3032	San Francisco	HSIR WEST	MBCx - HSIR West	\$940,015	State Operating Funds	\$225,909	\$714,106	\$124,920
A3131	Berkeley	LAWRENCE	MBCx - Lawrence Hall of Science	\$108,135	State Operating Funds	\$25,624	\$82,511	\$15,627
C3609	Davis	LIBRARY	Retrofit - Shields HVAC	\$1,402,807	State Operating Funds	\$161,033	\$1,241,774	\$68,907
I3096	Irvine	M SCI & TECH	MBCx - Multipurpose Sci&Tech (MSDB)	\$210,711	State Operating Funds	\$67,351	\$143,360	\$30,434
C3069	Davis	MEYER	MBCx - Meyer Hall - Lab	\$252,217	State Operating Funds	\$84,617	\$167,600	\$39,450
B3577	San Francisco	MISSION CTR	Retrofit - MCB Boiler Replacement	\$150,514	State Operating Funds	\$14,367	\$136,147	\$11,494
A3085	Berkeley	MORGAN	MBCx - Morgan Hall	\$29,300	State Operating Funds	\$4,746	\$24,554	\$3,434
A3069	Berkeley	MULFORD	MBCx - Mulford Hall	\$41,008	State Operating Funds	\$1,387	\$39,621	\$952

G3032	Santa Cruz	NAT SCI 2	MBCx - Natural Sciences 2	\$81,909	State Operating Funds	\$14,088	\$67,821	\$5,870
I3092	Irvine	NAT SCI 2	MBCx - Nat Sci II	\$208,928	State Operating Funds	\$32,279	\$176,649	\$14,269
I3029	Irvine	NAT SCI 2	Retrofit - Nat Sciences 2 CDCV	\$415,631	State Operating Funds	\$156,644	\$258,987	\$82,477
H3044	Santa Barbara	NORTH HALL	Retrofit - North Hall Data Center Chilled Water Loop	\$209,111	State Operating Funds	\$62,488	\$146,623	\$26,020
H3018	Santa Barbara	NORTH HALL	Retrofit - North Hall Data Center Economizer	\$28,981	State Operating Funds	\$6,287	\$22,694	\$2,620
H3137	Santa Barbara	NORTH HALL	Retrofit - North Hall Lighting	\$121,219	State Operating Funds	\$8,019	\$113,200	\$3,341
H3031	Santa Barbara	RCVG STG FAC	MBCx - Snidecor	\$183,597	State Operating Funds	\$71,665	\$111,932	\$44,119
I6030	Irvine	RING MALL	Retrofit - Birdcage Lighting	\$186,492	State Operating Funds	\$62,164	\$124,328	\$28,443
G3135	Santa Cruz	SINSHEIMR LB	MBCx - Sinsheimer Chiller Plant	\$337,423	State Operating Funds	\$78,981	\$258,442	\$53,037
I3101	Irvine	SOC ECOLOGY	MBCx - Soc Ecology	\$159,640	State Operating Funds	\$31,852	\$127,788	\$17,929
I3108	Irvine	SOC ECOLOGY2	MBCx - Soc Ecology 2	\$291,109	State Operating Funds	\$129,382	\$161,727	\$203,070
C3075	Davis	SOCSCI&HUMAN	MBCx - Social Sciences and Humanities	\$1,343,881	State Operating Funds	\$102,811	\$1,241,070	\$46,470
I3023	Irvine	SPRAGUE HALL	Retrofit - Sprague Hall CDCV	\$672,661	State Operating Funds	\$111,636	\$561,025	\$60,661
A3112	Berkeley	TOLMAN	Retrofit - Tolman Hall Lighting	\$237,868	State Operating Funds	\$67,671	\$170,197	\$28,196

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