



1111 Franklin Street
Oakland, California 94607-5200
Phone: (510) 987-9074
Fax: (510) 987-9086
<http://www.ucop.edu>
November 29, 2010

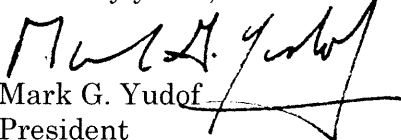
The Honorable Denise Moreno Ducheny
Chair, Joint Legislative Budget Committee
State Capitol, Room 5035
Sacramento, California 95814

Dear Senator Ducheny:

Pursuant to Item 6440-001-0001, Provision 2, of the 2010 Budget Act, enclosed is the University of California's report to the Legislature on the *Statewide Energy Partnership 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 e-mail at Debora.Obley@ucop.edu.

Sincerely yours,


Mark G. Yudof
President

Enclosure

cc: The Honorable Gloria Romero, Chair
Senate Budget and Fiscal Review Subcommittee #1
(Attn: Ms. Seija Virtanen)
(Attn: Ms. Cheryl Black)
The Honorable Wilmer Amina Carter, Chair
Assembly Budget Subcommittee #2
(Attn: Ms. Sara Bachez)
(Attn: Ms. Amy Rutschow)
Mr. Mac Taylor, Legislative Analyst
Ms. Tina McGee, Legislative Analyst's Office
Ms. Ana J. Matosantos, Director of Finance
Ms. Diane Boyer-Vine, Legislative Counsel
Mr. E. Dotson Wilson, Chief Clerk of the Assembly
Mr. Gregory Schmidt, Secretary of the Senate
Ms. Amy Leach, Office of the Chief Clerk of the Assembly
Ms. Diane Anderson, Legislative Counsel Bureau
Mr. Steve Boilard, Legislative Analyst's Office
Ms. Theresa Gunn, Department of Finance
Mr. Stan Hiuga, Department of Finance
Ms. Sara Swan, Department of Finance
Executive Vice President Nathan Brostrom
Vice President Patrick Lenz
Associate Vice President and Director Steve Juarez
Associate Vice President Debora Obley
Associate Vice President Deborah Wylie
Executive Director Jenny Kao
Director Romero

Report on the Energy Partnership Program

December 2010

Legislative Report

**An investment in UC pays
dividends far beyond what
can be measured in dollars.
An educated, high-achieving
citizenry is priceless.**

UNIVERSITY OF CALIFORNIA

Report on the Statewide Energy Partnership Program

This report is submitted by the University of California in response to language contained in the 2010 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 investor 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 that have been completed as part of the Partnership Program. The university is still in the first year of the three-year Partnership Program, and as such, this list includes primarily smaller projects that campuses were able to complete within the first months of the Program’s implementation. Listed projects were undertaken in facilities eligible for state support, and it is anticipated that campuses will use state operating funds to cover projects costs, including debt service. On a portfolio basis, energy savings garnered from the completed projects have reduced the University’s purchased utility expenses by over a million dollars, about twice as much as the estimated debt service for these projects.

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

SEP ID	Campus	Building	Final Project Name	Final Project Cost	Anticipated Funding Source	Final Incentive Amount	University Cost	Final Energy Cost Savings (\$/yr)
A1003	BERKELEY	WURSTER	Retrofit - Wurster Hall HVAC	\$ 90,873	State Operating Funds	\$ 49,334	\$ 41,539	\$ 21,952
A3062	BERKELEY	MINOR ADDITN	MBCx - Minor Addition	\$ 69,010	State Operating Funds	\$ 16,423	\$ 52,587	\$ 6,843
A3081	BERKELEY	HEARST MIN	MBCx - Hearst Mining	\$ 162,823	State Operating Funds	\$ 67,700	\$ 95,123	\$ 35,443
A3089	BERKELEY	LE CONTE	MBCx - Le Conte	\$ 143,160	State Operating Funds	\$ 83,533	\$ 59,627	\$ 43,346
A3105	BERKELEY	UNIVERSITY	MBCx - University Hall	\$ 109,405	State Operating Funds	\$ 55,842	\$ 53,563	\$ 23,268
A3116	BERKELEY	LATIMER	Retrofit - Latimer Hall HVAC	\$ 187,795	State Operating Funds	\$ 90,514	\$ 97,281	\$ 80,245

Budget and Capital Resources
December 2010

SEP ID	Campus	Building	Final Project Name	Final Project Cost	Anticipated Funding Source	Final Incentive Amount	University Cost	Final Energy Cost Savings (\$/yr)
A3134	BERKELEY	ZELLERBACH	Retrofit - Zellerbach & University Lighting	\$ 30,523	State Operating Funds	\$ 19,723	\$ 10,800	\$ 8,218
A3212	BERKELEY	MOSES	Retrofit - Moses & Stephens Lighting	\$ 28,916	State Operating Funds	\$ 10,014	\$ 18,903	\$ 4,172
A3213	BERKELEY	MORRISON	Retrofit - Morrison & Hertz Lighting	\$ 22,461	State Operating Funds	\$ 7,662	\$ 14,799	\$ 3,193
C3596	DAVIS	LIB	Retrofit - Shields Pumping	\$ 55,155	State Operating Funds	\$ 11,725	\$ 43,430	\$ 4,937
C3599	DAVIS	CFA MONDAVI	Retrofit - Mondavi Center Fan Coil	\$ 74,454	State Operating Funds	\$ 17,321	\$ 57,132	\$ 6,046
G1019	SANTA CRUZ	SOC SCI 1	Retrofit - SS1 Air Handler VFD	\$ 108,588	State Operating Funds	\$ 17,589	\$ 90,999	\$ 9,282
G5034	SANTA CRUZ	SINSHEIMER LB	Retrofit - Sinsheimer Lab VFD	\$ 443,112	State Operating Funds	\$ 100,197	\$ 342,915	\$ 47,176
H3155	SANTA BARBARA	SAASB	Retrofit - State Lighting	\$ 113,400	State Operating Funds	\$ 42,995	\$ 70,405	\$ 17,915
I1004	IRVINE	CROUL HALL	Retrofit - Croul SP Reset	\$ 30,262	State Operating Funds	\$ 5,745	\$ 24,517	\$ 2,490
I1014	IRVINE	HIB	Retrofit - HIB CAV to VAV (+SP reset AHU1)	\$ 73,175	State Operating Funds	\$ 1,504	\$ 71,671	\$ 652
I1015	IRVINE	HIB	Retrofit - HIB SP Reset (AHU 2 & 3)	\$ 43,126	State Operating Funds	\$ 4,309	\$ 38,817	\$ 1,867
I1019	IRVINE	MED SCI A	Retrofit - Med Sci A ACH Reduction	\$ 87,533	State Operating Funds	\$ 21,489	\$ 66,044	\$ 12,482
I1021	IRVINE	MED SCI B	Retrofit - Med Sci B SP Reset	\$ 8,508	State Operating Funds	\$ 3,390	\$ 5,118	\$ 1,469
I1023	IRVINE	MED SCI C	Retrofit - Med Sci C SP Reset	\$ 8,508	State Operating Funds	\$ 3,672	\$ 4,836	\$ 1,591
I1025	IRVINE	MED SCI D	Retrofit - Med Sci D SP Reset	\$ 8,508	B State Operating Funds	\$ 4,883	\$ 3,625	\$ 2,116
I1033	IRVINE	NAT SCI 1	Retrofit - Nat Sci 1 SP Reset	\$ 31,026	State Operating Funds	\$ 4,882	\$ 26,144	\$ 2,115
I1034	IRVINE	NAT SCI 2	Retrofit - Nat Sci 2 SP Reset	\$ 8,632	State Operating Funds	\$ 6,906	\$ 1,726	\$ 4,708
I1055	IRVINE	SPRAGUE HALL	Retrofit - ESDVR – Sprague	\$ 243,320	State Operating Funds	\$ 139,620	\$ 103,700	\$ 60,502
I1069	IRVINE	CRAWFORD HAL	Retrofit - Crawford CAV to VAV	\$ 163,030	State Operating Funds	\$ 4,165	\$ 158,865	\$ 1,805
I1071	IRVINE	MCGAUGH HALL	Retrofit - McGaugh ACH Reduction	\$ 143,522	State Operating Funds	\$ 30,233	\$ 113,289	\$ 18,988
I1075	IRVINE	SCILIBRARY	Retrofit - SciLib SP Reset & DCV (AHU 1-5)	\$ 101,017	State Operating Funds	\$ 32,960	\$ 68,057	\$ 14,283
I3056	IRVINE	CRAWFORD HAL	Retrofit - Crawford Gym Lighting	\$ 106,394	State Operating Funds	\$ 13,392	\$ 93,002	\$ 5,803
I3058	IRVINE	MED SCI C	Retrofit - DDC Upgrade - Med Sci C	\$ 181,968	State Operating Funds	\$ 16,563	\$ 165,405	\$ 15,282

Budget and Capital Resources
December 2010

SEP ID	Campus	Building	Final Project Name	Final Project Cost	Anticipated Funding Source	Final Incentive Amount	University Cost	Final Energy Cost Savings (\$/yr)
I3060	IRVINE	MED SCI D	Retrofit - DDC Upgrade - Med Sci D	\$ 241,669	State Operating Funds	\$ 22,297	\$ 219,372	\$ 19,368
I3062	IRVINE	MED SCI A	Retrofit - DDC Upgrade - Med Sci A	\$ 109,051	State Operating Funds	\$ 3,443	\$ 105,608	\$ 3,217
I3064	IRVINE	MED SCI B	Retrofit - DDC Upgrade and VFD - Med Sci B	\$ 209,069	State Operating Funds	\$ 40,903	\$ 168,166	\$ 26,528
I3166	IRVINE	CAMPUSWIDE	Retrofit - Refrigerator Replacement	\$ 53,900	State Operating Funds	\$ 9,823	\$ 44,077	\$ 4,257
I3185	IRVINE	LANGSON LIB	Retrofit - Langson Library Lighting	\$ 217,948	State Operating Funds	\$ 108,452	\$ 109,496	\$ 46,996
I3186	IRVINE	ADMIN BLDG	Retrofit - Aldrich & Steinhaus Lighting	\$ 106,326	State Operating Funds	\$ 75,657	\$ 30,669	\$ 32,785
I3188	IRVINE	HIB	Retrofit - HIB Lighting	\$ 61,670	State Operating Funds	\$ 10,676	\$ 50,994	\$ 4,626
I3196	IRVINE	SCILIBRARY	Retrofit - Science Library Lighting	\$ 177,689	State Operating Funds	\$ 52,428	\$ 125,261	\$ 22,719
I3198	IRVINE	MCGAUGH HALL	Retrofit - McGaugh Lighting	\$ 454,697	State Operating Funds	\$ 146,546	\$ 308,151	\$ 63,503
I3200	IRVINE	NAT SCI 1	Retrofit - Natural Science 1 Bldg Lighting	\$ 176,477	State Operating Funds	\$ 41,317	\$ 135,160	\$ 17,904
I3201	IRVINE	NAT SCI 2	Retrofit - Natural Science 2 Bldg Lighting	\$ 138,558	State Operating Funds	\$ 26,792	\$ 111,766	\$ 11,610
I3202	IRVINE	ROWLAND HALL	Retrofit - Rowland Hall Lighting	\$ 58,430	State Operating Funds	\$ 12,064	\$ 46,366	\$ 5,228
I3203	IRVINE	BERKELEY PL	Retrofit - Berkeley Place Lighting	\$ 91,923	State Operating Funds	\$ 28,925	\$ 62,998	\$ 12,534
I3204	IRVINE	REINES HALL	Retrofit - Reines Hall Lighting	\$ 256,956	State Operating Funds	\$ 55,427	\$ 201,529	\$ 24,018
I3205	IRVINE	M SCI & TECH	Retrofit - Multipurpose Sci/Tech Bldg Lighting	\$ 160,172	State Operating Funds	\$ 21,859	\$ 138,313	\$ 9,472
I3206	IRVINE	CROUL HALL	Retrofit - Croul Hall Lighting	\$ 36,962	State Operating Funds	\$ 7,875	\$ 29,087	\$ 3,412
I3207	IRVINE	CAL (IT)2	Retrofit - Cal IT(2) Lighting	\$ 73,701	State Operating Funds	\$ 15,870	\$ 57,831	\$ 6,877
I3208	IRVINE	ENG TOWER	Retrofit - Engineering Tower Lighting	\$ 194,970	State Operating Funds	\$ 62,151	\$ 132,819	\$ 26,932
I3209	IRVINE	COMP SCI BLD	Retrofit - Computer Science Bldg Lighting	\$ 59,015	State Operating Funds	\$ 23,442	\$ 35,573	\$ 10,158
I3210	IRVINE	SOC ECOLOGY	Retrofit - Social Ecology Bldg Lighting	\$ 81,055	State Operating Funds	\$ 17,457	\$ 63,598	\$ 7,565
I3212	IRVINE	ENG GATEWAY	Retrofit - Engineering Gateway Lighting	\$ 160,172	State Operating Funds	\$ 47,936	\$ 112,236	\$ 20,772
I3213	IRVINE	SOCSCI TOWER	Retrofit - Social Science Tower Lighting	\$ 139,395	State Operating Funds	\$ 25,018	\$ 114,377	\$ 10,841
I3214	IRVINE	SOC SCI PL A	Retrofit - Social Science Plaza A Lighting	\$ 48,978	State Operating Funds	\$ 12,633	\$ 36,345	\$ 5,474

Budget and Capital Resources
December 2010

SEP ID	Campus	Building	Final Project Name	Final Project Cost	Anticipated Funding Source	Final Incentive Amount	University Cost	Final Energy Cost Savings (\$/yr)
I3215	IRVINE	SOC SCI PL B	Retrofit - Social Science Plaza B Lighting	\$ 46,475	State Operating Funds	\$ 12,848	\$ 33,627	\$ 5,570
I3216	IRVINE	SOC ECOLOGY2	Retrofit - Social Ecology 2 Bldg Lighting	\$ 77,645	State Operating Funds	\$ 23,760	\$ 53,885	\$ 10,296
I3218	IRVINE	CRAWFORD HAL	Retrofit - Crawford Hall Lighting	\$ 38,241	State Operating Funds	\$ 6,171	\$ 32,070	\$ 2,674
I3224	IRVINE	BREN HALL	Retrofit - Bren Hall Lighting	\$ 6,754	State Operating Funds	\$ 830	\$ 5,924	\$ 360
I6005	IRVINE	SCILIBRARY	Retrofit - Sci Lib VFD	\$ 52,435	State Operating Funds	\$ 3,550	\$ 48,885	\$ 1,538
I6006	IRVINE	NAT SCI 2	Retrofit - ESDVR & SP Reset - Nat Sci 2	\$ 293,783	State Operating Funds	\$ 220,666	\$ 73,117	\$ 95,622
I6007	IRVINE	HEWITT HALL	Retrofit - ESDVR & SP Reset - Hewitt Hall	\$ 270,414	State Operating Funds	\$ 63,533	\$ 206,881	\$ 27,531
I6008	IRVINE	CROUL HALL	Retrofit - ESDVR & SP Reset- Croul Hall	\$ 233,808	State Operating Funds	\$ 71,391	\$ 162,417	\$ 30,936
I6016	IRVINE	MCGAUGH HALL	Retrofit - McGaugh VFD	\$ 60,571	State Operating Funds	\$ 11,165	\$ 49,406	\$ 4,838
I6018	IRVINE	NAT SCI 2	Retrofit - Nat Sci 2 MH	\$ 9,800	State Operating Funds	\$ 3,208	\$ 6,592	\$ 1,390
I6019	IRVINE	CAMPUSWIDE	Retrofit - Air Compressor	\$ 800,000	State Operating Funds	\$ 213,281	\$ 586,719	\$ 92,422
I6021	IRVINE	REINES HALL	Retrofit - Reines Hall Exhaust Fan Motor	\$ 3,798	State Operating Funds	\$ 1,212	\$ 2,586	\$ 525

Contact information:

UCOP Budget and Capital Resources
1111 Franklin Street, 6th Flr.
Oakland, CA 94607-5220
Office website: <http://budget.ucop.edu>
Report website: <http://budget.ucop.edu/legreports/legrequirements.html>