



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

January 17, 2014

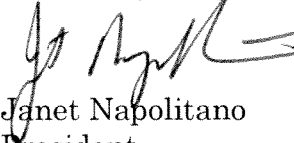
The Honorable Mark Leno  
Chair, Joint Legislative Budget Committee  
1020 N Street, Room 553  
Sacramento, California 95814

Dear Senator Leno:

Pursuant to Item 6440-001-0001, Provision 2, of the 2013 Budget Act, enclosed is the University of California's annual 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 e-mail at [Debora.Obley@ucop.edu](mailto:Debora.Obley@ucop.edu).

Yours very truly,



Janet Napolitano  
President

Enclosure

cc: The Honorable Marty Block, Chair  
Senate Budget and Fiscal Review Subcommittee #1  
(Attn: Mr. Joe Stephenshaw)  
(Attn: Ms. Cheryl Black)  
The Honorable Das Williams, Chair  
Assembly Budget Subcommittee #2  
(Attn: Mr. Mark Martin)  
(Attn: Ms. Amy Rutschow)  
Mr. Michael Cohen, Department of Finance  
Mr. Mac Taylor, Legislative Analyst's Office  
Ms. Peggy Collins, Joint Legislative Budget Committee  
Mr. Gregory Schmidt, Secretary of the Senate  
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. E. Dotson Wilson, Chief Clerk of the Assembly  
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  
Deputy to Vice President Marsha Sato

**Statewide Energy Partnership (SEP) Program**

January 2014

Legislative Report



UNIVERSITY *of* CALIFORNIA

## UNIVERSITY OF CALIFORNIA

### Statewide Energy Partnership (SEP) Program

This report is submitted by the University of California in response to language contained in the 2013 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 (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.

The following list identifies energy efficiency projects in State-supported facilities that have been completed in the Partnership Program during FY 12-13. Energy savings for the projects on this list total \$9.2M/year with Utility incentives of \$16.1M. This list brings total reported Statewide Energy Partnership (SEP) Program energy savings in state supported facilities to \$12.4M/year and Investor Owned Utility incentives to \$23.3M. The Statewide Energy Partnership Program has been extended for an additional year.

**University of California**  
**List of Completed Projects in State-Supported Facilities**  
**Included in the 2010-12 Statewide Energy Partnership Program**  
**Fiscal Year 2012-2013**

SEP ID	Campus	Building	Project Name	Final Project Cost	Anticipated Funding Source	Final Incentive	Final University Cost	Final Energy Savings
A1053	BERKELEY	VALLEY LSB	Retrofit - VLSB CAV to VAV	\$370,690	State Operating Funds	\$91,691	\$278,999	\$40,456
A1099	BERKELEY	EVANS	Retrofit - Evans Hall	\$234,288	State Operating Funds	\$35,570	\$198,718	\$22,114
A1100	BERKELEY	SODA	Retrofit - Soda Hall Chiller	\$211,677	State Operating Funds	\$125,747	\$85,930	\$52,395
A1111	BERKELEY	CAMPUSWIDE-STATE	Retrofit - Steam Line Insulation	\$135,876	State Operating Funds	\$14,715	\$121,161	\$11,626
A3025	BERKELEY	SPROUL	MBCx - Sproul Hall	\$74,718	State Operating Funds	\$5,034	\$69,684	\$2,097
A3026	BERKELEY	SPROUL	Retrofit - Sproul Hall Lighting	\$72,741	State Operating Funds	\$34,671	\$38,070	\$14,446
A3027	BERKELEY	BIRGE	MBCx - Birge Hall	\$140,821	State Operating Funds	\$28,705	\$112,116	\$15,263
A3028	BERKELEY	BIRGE	Retrofit - Birge and Le Conte Halls Lighting	\$187,438	State Operating Funds	\$47,502	\$139,936	\$19,793
A3030	BERKELEY	LS ADDITION	MBCx - LSA	\$594,124	State Operating Funds	\$136,454	\$457,670	\$56,856
A3032	BERKELEY	NW AN FACIL	MBCx - Northwest Animal Facility	\$90,399	State Operating Funds	\$10,084	\$80,315	\$4,912
A3042	BERKELEY	HAAS FAC BLD	Retrofit - Haas Business School Lighting	\$188,250	State Operating Funds	\$86,282	\$101,968	\$35,951
A3045	BERKELEY	CALIFORNIA	Retrofit - Multi-Building Lighting	\$52,099	State Operating Funds	\$11,251	\$40,848	\$4,688
A3054	BERKELEY	GARDNERSTACK	MBCx - Gardner Stacks	\$255,493	State Operating Funds	\$162,355	\$93,138	\$78,190
A3059	BERKELEY	MOFFITT	Retrofit - Moffitt Library Lighting Controls	\$39,839	State Operating Funds	\$14,549	\$25,291	\$6,062

A3060	BERKELEY	DOE LIBRARY	MBCx - Doe Library	\$147,314	State Operating Funds	\$84,296	\$63,018	\$53,653
A3072	BERKELEY	GIANNINI	Retrofit - CNR Buildings Lighting	\$141,169	State Operating Funds	\$57,684	\$83,485	\$24,035
A3078	BERKELEY	HAVILAND	Retrofit - Haviland Hall Lighting	\$63,011	State Operating Funds	\$16,015	\$46,996	\$6,673
A3079	BERKELEY	HEARST GYM	MBCx - Hearst Gym	\$56,608	State Operating Funds	\$45,286	\$11,322	\$37,428
A3086	BERKELEY	MORGAN	Retrofit - Minor, Morgan, and Mulford Hall Lighting	\$150,634	State Operating Funds	\$51,589	\$99,045	\$21,495
A3091	BERKELEY	VALLEY LSB	MBCx - Valley Life Sciences Building	\$483,573	State Operating Funds	\$386,859	\$96,714	\$225,036
A3092	BERKELEY	VALLEY LSB	Retrofit - VLSB Lighting	\$493,321	State Operating Funds	\$167,757	\$325,564	\$69,899
A3097	BERKELEY	STEPHENS	MBCx - Stephens Hall	\$38,589	State Operating Funds	\$8,408	\$30,181	\$3,503
A3103	BERKELEY	WHEELER	MBCx - Wheeler Hall	\$60,981	State Operating Funds	\$15,310	\$45,671	\$6,379
A3111	BERKELEY	TOLMAN	MBCx - Tolman Hall	\$90,918	State Operating Funds	\$19,983	\$70,935	\$10,308
A3119	BERKELEY	ETCHEVERRY	Retrofit - Etcheverry and South Hall Lighting	\$228,621	State Operating Funds	\$69,401	\$159,219	\$28,917
A3122	BERKELEY	EVANS	MBCx - Evans Hall	\$317,223	State Operating Funds	\$141,090	\$176,133	\$58,788
A3132	BERKELEY	LAWRENCE	Retrofit - Lawrence Hall of Science Lighting	\$158,869	State Operating Funds	\$26,945	\$131,924	\$11,227
A3133	BERKELEY	ZELLERBACH	MBCx - Zellerbach	\$77,779	State Operating Funds	\$46,774	\$31,005	\$23,011
A3137	BERKELEY	HILDEBRAND	MBCx - Hildebrand Hall	\$428,322	State Operating Funds	\$297,258	\$131,064	\$200,186
A3141	BERKELEY	CAMPUSWIDE-STATE	Retrofit - Bi-level Stairwell Lighting	\$160,389	State Operating Funds	\$27,307	\$133,083	\$11,378
A3174	BERKELEY	CAMPUSWIDE-STATE	Retrofit - Refrigerator Replacement	\$22,951	State Operating Funds	\$4,438	\$18,514	\$1,849
A3219	BERKELEY	LE CONTE	Retrofit - LeConte HVAC Phase 2	\$484,612	State Operating Funds	\$119,980	\$364,632	\$63,653

A3220	BERKELEY	HEARST MIN	Retrofit - Hearst Chiller	\$480,126	State Operating Funds	\$99,731	\$380,395	\$41,555
A3224	BERKELEY	CAMPUSWIDE-STATE	Retrofit - Steam Trap Replacement	\$101,045	State Operating Funds	\$51,524	\$49,521	\$41,219
A3225	BERKELEY	HARGROVE LIB	MBCx - Hargrove Music Library	\$60,679	State Operating Funds	\$27,310	\$33,369	\$17,557
A3226	BERKELEY	STARR LIB	MBCx - East Asian Art Library	\$117,310	State Operating Funds	\$14,445	\$102,865	\$7,287
A3233	BERKELEY	BECHTEL CNTR	MBCx - Bechtel Engineering Center	\$66,390	State Operating Funds	\$14,975	\$51,415	\$6,691
A3237	BERKELEY	TAN	Retrofit - Tan Hall VFD Upgrade	\$243,338	State Operating Funds	\$104,389	\$138,949	\$43,495
A3277	BERKELEY	MCCONE	Retrofit - McCone Hall Lighting	\$101,732	State Operating Funds	\$34,049	\$67,683	\$14,187
B3021	SAN FRANCISCO	MISSION CTR	Retrofit - MCB-Chiller	\$2,975,943	State Operating Funds	\$30,118	\$2,945,825	\$12,549
B3031	SAN FRANCISCO	HSE	MBCx - HSIR East	\$892,712	State Operating Funds	\$396,466	\$496,246	\$204,553
B3042	SAN FRANCISCO	CAMPUSWIDE-STATE	Retrofit - Bi-Level Lighting	\$57,869	State Operating Funds	\$19,401	\$38,468	\$8,084
B3078	SAN FRANCISCO	CAMPUSWIDE-STATE	Retrofit - CampWide Freezer (Deep Freeze)	\$238,132	State Operating Funds	\$12,230	\$225,902	\$5,096
B3080	SAN FRANCISCO	CAMPUSWIDE-STATE	Retrofit - Campuswide Refrig.(Chill)	\$35,489	State Operating Funds	\$6,588	\$28,901	\$2,745
B3083	SAN FRANCISCO	CAMPUSWIDE-STATE	Retrofit - Work Station Power Mgmt-Phase 1	\$40,777	State Operating Funds	\$32,621	\$8,155	\$40,000
B3094	SAN FRANCISCO	OYSTER POINT	Retrofit - Oyster Point Lighting Retrofit	\$181,294	State Operating Funds	\$54,395	\$126,899	\$22,665
B3546	SAN FRANCISCO	VISION RSCH	Retrofit - Multi-building Stairwell Lighting	\$73,765	State Operating Funds	\$15,701	\$58,064	\$6,542
B3575	SAN FRANCISCO	HUNTERPT 830	Retrofit - Hunters Point Boiler	\$1,132,200	State Operating Funds	\$943	\$1,131,257	\$754
B3586	SAN FRANCISCO	MISSION CTR	Retrofit - MCB Data Center Virtualization	\$33,450	State Operating Funds	\$21,287	\$12,163	\$14,327
B3587	SAN FRANCISCO	VISION RSCH	Retrofit - Koret Vision - VFDs	\$120,279	State Operating Funds	\$89,530	\$30,749	\$49,826

B3588	SAN FRANCISCO	MISSION CTR	Retrofit - Mission Center Building - VFDs	\$143,494	State Operating Funds	\$88,040	\$55,454	\$47,797
B3589	SAN FRANCISCO	CAMPUSWIDE-STATE	Retrofit - PC Power Mgmt-Phase 2	\$76,003	State Operating Funds	\$49,141	\$26,862	\$20,475
B3591	SAN FRANCISCO	CENTRAL PLAN	Retrofit - Multiple Buildings Light Retrofits	\$281,117	State Operating Funds	\$75,869	\$205,248	\$31,612
B3592	SAN FRANCISCO	CAMPUSWIDE-STATE	Retrofit - Laurel Hts & Diller VFDs	\$448,640	State Operating Funds	\$47,135	\$401,505	\$37,431
B3593	SAN FRANCISCO	654 MINNESOT	Retrofit - OASIS Server #2	\$29,310	State Operating Funds	\$12,772	\$16,538	\$8,596
B3597	SAN FRANCISCO	CENTRAL PLAN	Retrofit - Parnassus Central Plant LED	\$90,786	State Operating Funds	\$43,893	\$46,892	\$18,289
B3598	SAN FRANCISCO	CAMPUSWIDE-STATE	Retrofit - PC Power Management Phase 3	\$57,506	State Operating Funds	\$37,979	\$19,527	\$15,824
B3599	SAN FRANCISCO	CAMPUSWIDE-STATE	Retrofit - Refrigerator Replacement Phase 2	\$133,379	State Operating Funds	\$17,880	\$115,499	\$7,450
B7010	SAN FRANCISCO	GENENTECH HA	Retrofit - PC Power Management	\$55,280	State Operating Funds	\$35,158	\$20,122	\$14,649
C3032	DAVIS	HART	MBCx - Hart Hall	\$376,323	State Operating Funds	\$87,056	\$289,267	\$36,273
C3048	DAVIS	OLSON	MBCx - Olson Hall	\$450,716	State Operating Funds	\$68,733	\$381,983	\$39,933
C3073	DAVIS	ACADMC SURGE	MBCx - Academic Surge	\$1,156,292	State Operating Funds	\$288,396	\$867,896	\$153,179
C3074	DAVIS	KEMPER	MBCx - Kemper Hall EU II	\$253,477	State Operating Funds	\$1,138	\$252,339	\$910
C3585	DAVIS	BRIGGS	MBCx - Physical Sciences Library	\$364,641	State Operating Funds	\$15,898	\$348,743	\$6,624
C3586	DAVIS	PHY SCI LIB	MBCx - Briggs	\$2,949,232	State Operating Funds	\$1,039,314	\$1,909,918	\$464,617
C3594	DAVIS	CAMPUSWIDE-STATE	Retrofit - Campuswide Well Pumps	\$177,629	State Operating Funds	\$54,707	\$122,922	\$52,434
C3619	DAVIS	CAMPUSWIDE-STATE	Retrofit - Exterior Roadway Lighting	\$311,565	State Operating Funds	\$59,287	\$252,278	\$24,703
C3621	DAVIS	CAMPUSWIDE-STATE	Retrofit - Chilled Loop Optimization	\$115,351	State Operating Funds	\$90,828	\$24,523	\$58,201

C3625	DAVIS	COWELL	Retrofit - JDB Cowell Mechanical	\$1,124,824	State Operating Funds	\$197,300	\$927,524	\$106,097
C3635	DAVIS	COWELL	Retrofit - JDB Cowell Lighting	\$37,654	State Operating Funds	\$11,362	\$26,292	\$4,734
C3636	DAVIS	DV 3820 CHLS	Retrofit - JDB Chiles Rd Mechanical	\$530,600	State Operating Funds	\$173,555	\$357,045	\$94,459
C3643	DAVIS	DV 3820 CHLS	Retrofit - JDB Chiles Rd Lighting	\$75,140	State Operating Funds	\$16,352	\$58,788	\$6,813
C3650	DAVIS	WELLMN	Retrofit - JDB Wellman Mechanical	\$400,814	State Operating Funds	\$125,266	\$275,548	\$62,903
C3656	DAVIS	WELLMN	Retrofit - JDB Wellman Lighting	\$67,469	State Operating Funds	\$12,732	\$54,737	\$5,305
C3658	DAVIS	MRAK	Retrofit - JDB Mrak Lighting	\$77,734	State Operating Funds	\$20,151	\$57,583	\$8,396
C3659	DAVIS	BAINER	Retrofit - JDB Bainer Tower Mechanical	\$307,948	State Operating Funds	\$45,557	\$262,391	\$20,249
C3664	DAVIS	BAINER	Retrofit - JDB Bainer Tower Lighting	\$200,544	State Operating Funds	\$53,622	\$146,922	\$22,342
C3665	DAVIS	HICKEY GYM	Retrofit - Hickey Gym Mechanical	\$129,062	State Operating Funds	\$31,346	\$97,716	\$13,061
C3668	DAVIS	HICKEY GYM	Retrofit - JDB Hickey Gym T8 Lighting	\$94,931	State Operating Funds	\$18,692	\$76,238	\$7,788
C3669	DAVIS	YOUNG	Retrofit - JDB Young Mechanical	\$387,118	State Operating Funds	\$26,573	\$360,545	\$15,651
C3674	DAVIS	YOUNG	Retrofit - JDB Young Lighting	\$91,622	State Operating Funds	\$22,615	\$69,008	\$9,423
C3676	DAVIS	MECH 2	Retrofit - CHCP Condensing Economizer	\$3,383,000	State Operating Funds	\$486,776	\$2,896,224	\$389,421
C3678	DAVIS	CAMPUSWIDE- STATE	Retrofit - North & South Halls Controls Upgrade	\$118,419	State Operating Funds	\$18,270	\$100,149	\$11,630
C3679	DAVIS	CAMPUSWIDE- STATE	Retrofit - Exterior Pathway Lighting	\$352,613	State Operating Funds	\$127,230	\$225,384	\$53,012
C3680	DAVIS	MEYER	MBCx - Meyer Hall - Office Side	\$619,843	State Operating Funds	\$44,242	\$575,601	\$18,554
C3681	DAVIS	GRTHCHMBR BD	Retrofit - Growth Chamber Facility Chiller	\$216,483	State Operating Funds	\$29,001	\$187,482	\$12,084



C3684	DAVIS	OLSON	Retrofit - Olson & Sproul Hall Lighting	\$28,100	State Operating Funds	\$6,949	\$21,151	\$2,896
C3686	DAVIS	CHEM	Retrofit - Chem Annex Process Piping	\$78,790	State Operating Funds	\$3,821	\$74,970	\$1,592
C3687	DAVIS	JUNGERMAN	Retrofit - Jungerman Hall HVAC Systems	\$539,307	State Operating Funds	\$31,043	\$508,264	\$15,707
C3689	DAVIS	CMPS DATACTR	Retrofit - Campus Server Virtualization	\$449,484	State Operating Funds	\$152,268	\$297,217	\$95,218
C3691	DAVIS	LIB	Retrofit - Shields Admin CAV to VAV & VFD Pumping	\$228,578	State Operating Funds	\$11,133	\$217,445	\$5,028
C3693	DAVIS	PLANT REPROD	Retrofit - PRB - FH RCX & AB + EMS Upgrades	\$271,787	State Operating Funds	\$5,228	\$266,558	\$2,733
C3695	DAVIS	PRITCHARD	Retrofit - Pritchard (VMTH) CAV TO VAV	\$208,950	State Operating Funds	\$28,361	\$180,589	\$18,367
C3700	DAVIS	RMI NORTH	Retrofit - RMI Complex Lighting	\$65,143	State Operating Funds	\$23,496	\$41,647	\$9,790
C3702	DAVIS	CAMPUSWIDE-STATE	Retrofit - Stairwell Lighting	\$187,812	State Operating Funds	\$77,474	\$110,338	\$32,281
C3704	DAVIS	CAMPUSWIDE-STATE	Retrofit - Incandescent to LED Lighting	\$78,410	State Operating Funds	\$39,205	\$39,205	\$31,897
C3710	DAVIS	CAMPUSWIDE-STATE	Retrofit - Wallpack Fixture Replacement	\$42,511	State Operating Funds	\$13,787	\$28,724	\$5,745
F2072	SAN DIEGO	GEISEL LIB	Retrofit - Geisel Library Vigilant DART Controls	\$1,111,690	State Operating Funds	\$476,246	\$635,444	\$223,463
F2080	SAN DIEGO	CLIN SCI BLD	Retrofit - Stein Hall VAV	\$2,945,366	State Operating Funds	\$349,329	\$2,596,037	\$237,974
F2082	SAN DIEGO	PACIFIC HALL	Retrofit - Pacific Hall VAV	\$8,970,114	State Operating Funds	\$1,297,560	\$7,672,554	\$683,565
F3010	SAN DIEGO	MTF	MBCx - MTF	\$292,968	State Operating Funds	\$83,572	\$209,396	\$44,630
F3013	SAN DIEGO	CMRR	MBCx - CMRR	\$247,630	State Operating Funds	\$79,771	\$167,859	\$33,995
F3015	SAN DIEGO	ENG UNIT 1	MBCx - EBU-1	\$779,287	State Operating Funds	\$230,727	\$548,560	\$121,650
F3018	SAN DIEGO	CENT MOL GEN	MBCx - CMG	\$241,837	State Operating Funds	\$93,070	\$148,767	\$42,048

F3038	SAN DIEGO	CENT UTILTIES	MBCx - Central Plant Hybrid - Steam Condensate	\$3,181,057	State Operating Funds	\$1,017,013	\$2,164,044	\$790,433
F3049	SAN DIEGO	GALBRTH HALL	MBCx - Galbraith Hall	\$430,882	State Operating Funds	\$30,000	\$400,882	\$18,683
F3051	SAN DIEGO	YORK HALL	MBCx - York Hall	\$271,092	State Operating Funds	\$199,163	\$71,929	\$132,257
F3072	SAN DIEGO	MANDEVILLE	MBCx - Mandeville	\$373,632	State Operating Funds	\$80,882	\$292,750	\$49,151
F3134	SAN DIEGO	CAMPUSWIDE-STATE	Retrofit - Interior Lighting	\$1,646,691	State Operating Funds	\$648,155	\$998,536	\$272,917
F3529	SAN DIEGO	CAMPUSWIDE-STATE	Retrofit - Air Compressor	\$459,395	State Operating Funds	\$143,603	\$315,793	\$59,835
F3534	SAN DIEGO	UREY HALL	Retrofit - Urey Hall Server Relocation	\$47,247	State Operating Funds	\$29,644	\$17,603	\$12,352
F3535	SAN DIEGO	3525HPKINSCT	Retrofit - John Hopkins Ct. HVAC	\$402,000	State Operating Funds	\$173,525	\$228,475	\$73,968
F3537	SAN DIEGO	BONNER HALL	Retrofit - Wasserman Freezer Replacement	\$14,505	State Operating Funds	\$3,281	\$11,224	\$2,037
F3538	SAN DIEGO	CAMPUSWIDE-STATE	Retrofit - Campuswide Freezer Replacement - Phase 1	\$600,000	State Operating Funds	\$87,212	\$512,788	\$54,144
F3539	SAN DIEGO	CTF	MBCx - Clinical Teaching Facility	\$675,066	State Operating Funds	\$379,431	\$295,635	\$226,755
F3540	SAN DIEGO	PRICE EAST	Retrofit - Sunshine Market Refrigeration Night Covers	\$1,221	State Operating Funds	\$710	\$511	\$296
F3541	SAN DIEGO	LITERATURE	Retrofit - CO Garage Sensors Phs 2 & CHW Loop	\$382,582	State Operating Funds	\$182,823	\$199,759	\$76,176
F3542	SAN DIEGO	HUBBS HALL	MBCx - Hubbs Hall	\$165,522	State Operating Funds	\$47,176	\$118,346	\$23,260
F3543	SAN DIEGO	SUPERCOMPUTR	Retrofit - Supercomputer IT Storage	\$545,103	State Operating Funds	\$194,490	\$350,613	\$81,038
F3549	SAN DIEGO	LITERATURE	Retrofit - Literature Building Economizer Dampers	\$61,765	State Operating Funds	\$12,020	\$49,745	\$5,008
F3550	SAN DIEGO	AP M BLDG	Retrofit - AP&M Greenhouse Lighting	\$65,299	State Operating Funds	\$3,840	\$61,459	\$1,782

F7010	SAN DIEGO	COG SCI BLDG	Retrofit - John Hopkins Lighting	\$44,975	State Operating Funds	\$22,488	\$22,488	\$35,093
G3014	SANTA CRUZ	EARTH MAR SC	MBCx - Earth and Marine Sciences	\$326,671	State Operating Funds	\$192,145	\$134,526	\$93,881
G3015	SANTA CRUZ	SCI & ENG LIB	MBCx - Science Library	\$242,751	State Operating Funds	\$32,247	\$210,504	\$13,436
G3021	SANTA CRUZ	CAMPUSWIDE-STATE	Retrofit - Lighting Phase 2	\$682,860	State Operating Funds	\$221,080	\$461,780	\$92,117
G3095	SANTA CRUZ	CAMPUSWIDE-STATE	Retrofit - PC Power Mgmt (Big Fix)	\$52,059	State Operating Funds	\$41,647	\$10,412	\$45,520
G3103	SANTA CRUZ	FIELD HSE E	Retrofit - Lighting Phase 3	\$353,804	State Operating Funds	\$89,140	\$264,664	\$37,142
G5038	SANTA CRUZ	OPERS OFFICE	Retrofit - OPERS Boiler & ERC BMS	\$362,518	State Operating Funds	\$25,184	\$337,334	\$15,025
G5043	SANTA CRUZ	J BASKIN ENG	Retrofit - Premium Efficiency Motors and Belts Audit Phase 1	\$38,447	State Operating Funds	\$5,901	\$32,546	\$2,459
H3054	SANTA BARBARA	PSYCHOLOGY	MBCx - Psychology	\$184,496	State Operating Funds	\$58,513	\$125,983	\$24,381
H3086	SANTA BARBARA	CAMPUSWIDE-STATE	Retrofit - Campuswide Bi-Level Stairwell Lighting	\$162,379	State Operating Funds	\$26,004	\$136,375	\$10,835
H3089	SANTA BARBARA	CAMPUSWIDE-STATE	Retrofit - 2009 Transformer Load Management	\$105,600	State Operating Funds	\$23,383	\$82,217	\$9,743
H3091	SANTA BARBARA	CAMPUSWIDE-STATE	Retrofit - Chilled Loop E-W Extension	\$961,180	State Operating Funds	\$86,322	\$874,858	\$35,968
H3162	SANTA BARBARA	KERR HALL	Retrofit - Kerr Hall Lighting	\$119,042	State Operating Funds	\$12,287	\$106,755	\$5,120
H3191	SANTA BARBARA	CAMPUSWIDE-STATE	Retrofit - Low Pressure Drop Filters	\$55,000	State Operating Funds	\$43,683	\$11,317	\$18,201
H3195	SANTA BARBARA	CAMPUSWIDE-STATE	Retrofit - Bio 2 Turbocor Chiller VFD	\$2,337,744	State Operating Funds	\$230,229	\$2,107,515	\$95,929
H4021	SANTA BARBARA	BROIDA HALL	MBCx - Broida Hall	\$465,000	State Operating Funds	\$243,804	\$221,196	\$96,171
I1035	IRVINE	REINES HALL	Retrofit - Reines Hall-CAV to VAV Conversion-Phase I	\$4,841,346	State Operating Funds	\$743,866	\$4,097,479	\$406,192

I3022	IRVINE	MCGAUGH HALL	Retrofit - McGaugh Hall Smart Lab - CAV to VAV - Phase 1	\$5,700,000	State Operating Funds	\$986,736	\$4,713,264	\$567,323
I3176	IRVINE	CAMPUSWIDE- STATE	Retrofit - PC Power Mangement	\$5,280	State Operating Funds	\$5,280	\$-	\$7,568
I3353	IRVINE	NAT SCI 1	Retrofit - Nat Sci 1 ESDV	\$295,934	State Operating Funds	\$69,166	\$226,768	\$28,819
I6024	IRVINE	MCGAUGH HALL	Retrofit - McGaugh Hall - Motor Upgrade (Express)	\$1,530	State Operating Funds	\$1,530	\$0	\$456
I6037	IRVINE	CAMPUSWIDE- STATE	Retrofit - HTW Loop Ext Gillespie, Gross, Sprague & Hewitt (Electric)	\$2,758,754	State Operating Funds	\$8,553	\$2,750,201	\$273,344
I6039	IRVINE	MCGAUGH HALL	Retrofit - McGaugh Hall Water Still (Process)	\$16,112	State Operating Funds	\$6,195	\$9,917	\$2,581
I6045	IRVINE	GTWY STD CTR	Retrofit - University Newspaper Server Virtualization	\$16,474	State Operating Funds	\$3,768	\$12,706	\$1,570
I6058	IRVINE	NAT SCI 1	Retrofit - Nat Sci Server Virtualization - Ph 1	\$124,124	State Operating Funds	\$105,027	\$19,097	\$48,951
I6070	IRVINE	ENG GATEWAY	Retrofit - Engineering Gateway Green Planet Server Virtualization	\$142,762	State Operating Funds	\$65,518	\$77,244	\$27,299