

UNIVERSITY OF CALIFORNIA

BERKELEY • DAVIS • IRVINE • LOS ANGELES • MERCED • RIVERSIDE • SAN DIEGO • SAN FRANCISCO



SANTA BARBARA • SANTA CRUZ

EXECUTIVE VICE PRESIDENT—  
CHIEF FINANCIAL OFFICER

OFFICE OF THE PRESIDENT  
1111 Franklin Street, 6<sup>th</sup> Floor  
Oakland, California 94607-5200  
510/987-9029

August 9, 2016

Christian Osmena  
Department of Finance  
915 L Street  
Sacramento, CA 95814

Dear Christian:

Pursuant to Sections 92493 through 92496 of the Education Code (2015 Budget Trailer bill, SB 81, Chapter 22, Statutes of 2015), enclosed is the University of California's 8<sup>th</sup> Amended List of Proposed Energy Projects for inclusion in the Statewide Energy Partnership (SEP) Program. Sections 92493 through 92496 permit UC to expend state operating funding for energy conservation projects and debt service payment for projects associated with UC's Statewide Energy Partnership (SEP) Program following appropriate notice of the projects that are to be funded from operating funds. Attached is a revised version of the August 26, 2010, letter that your office sent to the State Legislature informing them of the program and projects proposed for funding at that time. This version includes current legislative leadership and references the amended list of projects.

As further engineering and financial analysis has been carried out, new projects have been identified for inclusion in the Partnership Program. The University requests that the list of authorized projects (including the original list your office submitted to the Legislature on February 5, 2010, the first amended list submitted on August 26, 2010, the second amended list submitted on September 2, 2011, the third amended list submitted on May 30, 2012, the fourth amended list submitted on February 13, 2013, the fifth amended list submitted on October 30, 2013, the sixth amended list submitted on April 24, 2014, and the seventh amended list submitted on August 28, 2015), be amended to include the attached eighth amended list of projects.

Consistent with the language in Section 92495(b) of the Education Code, it is our request that the Department of Finance approve this request no sooner than 30 days from the date of this letter. If you have any questions or need additional information regarding this matter, please call Interim Associate Vice President and Director David Alcocer at (510) 987-9113.

Please let me know if you need anything else.

Sincerely,

Nathan Brostrom  
Executive Vice President and  
Chief Financial Officer

Enclosures

cc: Mr. Jeff Bell, Department of Finance  
Ms. Maritza Urquiza, Department of Finance  
Executive Vice President and Chief Operating Officer Rachael Nava  
Interim Associate Vice President and Director David Alcocer  
Associate Vice President David Phillips  
Associate Director Eric Eberhardt

August 5, 2016

Honorable Mark Leno, Chair  
Joint Legislative Budget Committee  
Senate Budget and Fiscal Review Committee

Honorable Ricardo Lara, Chair  
Senate Appropriations Committee

Honorable Phil Ting, Chair  
Assembly Budget Committee

Honorable Lorena S. Gonzalez, Chair  
Assembly Appropriations Committee

**University of California, Statewide Energy Partnership (SEP) Program, Approval of Additional Projects**

Sections 92493 through 92496 of the Education Code (SB 81, Chapter 22, Statutes of 2015), permit the University of California (UC) to expend state operating funding for capital expenditures and debt service payment for projects associated with UC's Statewide Energy Partnership Program (SEP) Program following legislative notification of the projects that are to be funded from operating funds. This provision permits UC to update the list of approved energy efficiency projects as new projects are identified for inclusion in the program, in a manner consistent with the reporting requirements set forth in Sections 92493 through 92496 of the Education Code.

The Department of Finance has received a notification from UC for the purpose of updating the list of approved energy efficiency projects to be included in its Partnership Program. As further engineering and financial analysis has been carried out, UC has identified new projects for inclusion in the Partnership Program, and UC requests that the list of authorized projects (including the original list submitted on February 5, 2010, the first amended list submitted on August 26, 2010, the second amended list submitted on September 2, 2011, the third amended

list submitted on May 30, 2012, the fourth amended list submitted on February 13, 2013, the fifth amended list submitted on October 30, 2013, the sixth amended list submitted on April 24, 2015, and the seventh amended list submitted on August 28, 2015), be amended to include the attached eight amended list of new projects.

Consistent with the language in Section 92495(b) of the Education Code, it is our intent to approve this request no sooner than 30 days from the date of this letter. If you have any questions or need additional information regarding this matter, please call Christian Osmena, Policy Analyst at (916) 445-0328.

MICHAEL COHEN  
Director  
By:

AMY COSTA  
Chief Deputy Director

Attachment

Cc: Honorable Jim Nielsen, Vice Chair, Senate Budget and Fiscal Review Committee  
Honorable Patricia Bates, Vice Chair, Senate Appropriations Committee  
Honorable Jay Obernolte, Vice Chair, Vice Chair, Assembly Budget Committee  
Honorable Frank Bigelow, Vice Chair, Assembly Appropriations Committee  
Honorable Marty Block, Chair, Senate Budget and Fiscal Review Subcommittee No. 1  
Honorable Kevin McCarty, Chair, Assembly Budget Subcommittee No. 2  
Mr. Mac Taylor, Legislative Analyst Office  
Mr. Jason Constantouros, Legislative Analyst Office  
Ms. Anita Lee, Consultant, Assembly Subcommittee #1 on Education  
Mr. Mark Martin, Consultant, Assembly Subcommittee #2 on Education Finance  
Mr. Mark McKenzie, Staff Director, Senate Appropriations Committee  
Mr. Greg Maw, Policy Director, Senate Republican Fiscal Office  
Mr. Kirk Feely, Fiscal Director, Senate Republican Fiscal Office  
Mr. Roger Mackensen, Policy Consultant, Senate Republican Fiscal Office  
Ms. Cheryl Black, Fiscal Consultant, Senate Republican Fiscal Office  
Mr. Kevin de León, Senate President Pro Tempore's Office  
Mr. Christian Griffith, Chief Consultant, Assembly Budget Committee  
Mr. Chuck Nicol, Deputy Chief Consultant, Assembly Appropriations Committee  
Mr. Eric Swanson, Staff Director, Assembly Republican Fiscal Committee  
Mr. Jim Richardson, Policy and Fiscal Director, Assembly Republican Leader's Office

Ms. Amy Rutschow, Consultant, Assembly Republican Leader's Office  
Mr. Anthony Rendon, Assembly Speaker's Office  
Mr. Jeff Bell, Department of Finance  
Mr. Christian Osmena, Department of Finance  
Ms. Maritza Urquiza, Department of Finance  
Executive Vice President and Chief Financial Officer Nathan Brostrom  
Executive Vice President and Chief Operating Officer Rachael Nava  
Interim Associate Vice President and Director David Alcocer  
Associate Vice President David Phillips  
Associate Director Eric Eberhardt

# **8<sup>th</sup> Amended List of Proposed Energy Projects**

Legislative Report

August 2016



UNIVERSITY *of* CALIFORNIA



**University of California 8th Amended List of Proposed Energy Projects in State Supportable Facilities  
Identified for Possible Inclusion in the Statewide Energy Partnership (SEP) Program - August 2016**

CAMPUS	BUILDING NAME	PROJECT NAME	SEP ID	PROJECT COST
Davis	CAMPUSWIDE	Deemed/Express - BigFix	C7066	\$ 1,674,358
Irvine	COMP SCI BLD	MBCx - Information & Computer Science I	I7055	\$ 325,000
Irvine	SPRAGUE HALL	Retrofit - Sprague Hall Cold Rooms EE Upgrades	I7058	\$ 60,000
Irvine	BIO SCI 3	MBCx - Biological Sciences III	I7068	\$ 250,000
Irvine	CONTEMP ARTS	MBCx - Comtemporany Arts Center	I7069	\$ 80,000
Irvine	ENGIN HALL	MBCx - Engineering Hall	I7070	\$ 300,000
Irvine	GROSS HALL	MBCx - Gross Hall	I7071	\$ 300,000
Irvine	HUM GATEWAY	MBCx - Humanities Gateway	I7072	\$ 100,000
Irvine	HUMANITIES H	MBCx - Humanities Hall	I7073	\$ 100,000
Irvine	MED ED	MBCx - Medical Education Building	I7074	\$ 100,000
Irvine	SOC&BEH SCI	MBCx - S&BS Gateway	I7075	\$ 100,000
Irvine	SOCSCI LAB	MBCx - Social Science Lab & Hall	I7076	\$ 150,000
Irvine	SOC SCI PL A	MBCx - Soc Sci Plaza A, B & Lecture Hall	I7077	\$ 120,000
Irvine	SOCSCI TOWER	MBCx - Social Science Tower	I7079	\$ 150,000
Irvine	ENG TOWER	MBCx - Engineering Tower	I7081	\$ 175,000
Irvine	MCGAUGH HALL	MBCx - McGaugh Hall	I7083	\$ 250,000
Irvine	NAT SCI 1	MBCx - Natural Sciences Unit 1	I7084	\$ 200,000
Irvine	SPRAGUE HALL	MBCx - Sprague Hall	I7085	\$ 175,000
Irvine	ALDRICH HALL	MBCx - Aldrich Hall	I7086	\$ 125,000
Irvine	CAMPUSWIDE	Retrofit - Exterior Lighting Phase 4	I7087	\$ 181,738
Irvine	MED SCI C	Retrofit - Energy Savings Upgrades for CR11-2 Project	I7099	\$ 656,000
Irvine	MC BLDG 55	MBCx - Building 55 Health Science Lab	I7100	\$ 261,000
Irvine	MC BLDG 200	MBCx - Building 63 Data Center	I7101	\$ 261,000
Los Angeles	BOELTER ANX	Smart Lab Retrofits	D7097	\$ 1,822,782
Los Angeles	BOTANY	Smart Lab Retrofits	D7098	\$ 182,086
Los Angeles	BOYER HALL	Smart Lab Retrofits	D7099	\$ 648,580
Los Angeles	BRAIN RSCH	Smart Lab Retrofits	D7100	\$ 422,068
Los Angeles	DENTISTRY	Smart Lab Retrofits	D7101	\$ 996,299
Los Angeles	FACTOR	Smart Lab Retrofits	D7102	\$ 974,303
Los Angeles	GEOLOGY	Smart Lab Retrofits	D7104	\$ 840,596
Los Angeles	SLICHTER	Smart Lab Retrofits	D7105	\$ 304,965
Los Angeles	YOUNG HALL	Smart Lab Retrofits	D7106	\$ 1,450,746
Los Angeles	BUNCHE HALL	Deep Energy Efficiency Project (DEEP)	D7026	\$ 998,973
Los Angeles	BROAD CTR	Deep Energy Efficiency Project (DEEP)	D7033	\$ 280,603
Los Angeles	GONDA CENTER	Deep Energy Efficiency Project (DEEP)	D7055	\$ 1,801,771
Los Angeles	MACDONALDLAB	Deep Energy Efficiency Project (DEEP)	D7066	\$ 1,645,936
Los Angeles	PERLOFF HALL	Monitoring Based Commissioning	D3003	\$ 48,410
Los Angeles	YOUNG LIBRY	Monitoring Based Commissioning	D3004	\$ 224,697
Los Angeles	LAW	Monitoring Based Commissioning	D3023	\$ 117,195
Los Angeles	SAC	Monitoring Based Commissioning	D3037	\$ 82,765
Los Angeles	ROYCE HALL	Monitoring Based Commissioning	D3039	\$ 135,611
Los Angeles	SCHOENBERG	Monitoring Based Commissioning	D3156	\$ 90,014
Los Angeles	MATH SCIENCE	Monitoring Based Commissioning	D3164	\$ 126,940
Los Angeles	MELNITZ HALL	Monitoring Based Commissioning	D3176	\$ 45,412
Los Angeles	MACGOWAN	Monitoring Based Commissioning	D3178	\$ 59,371



CAMPUS	BUILDING NAME	PROJECT NAME	SEP ID	PROJECT COST
Los Angeles	PUB AFFAIRS	Monitoring Based Commissioning	D3180	\$ 148,124
Los Angeles	CAMPBELL	Monitoring Based Commissioning	D7011	\$ 40,283
Los Angeles	700 WWPLAZA	Monitoring Based Commissioning	D7012	\$ 24,214
Los Angeles	EAST MELNITZ	Monitoring Based Commissioning	D7013	\$ 18,433
Los Angeles	KNUDSEN HALL	Monitoring Based Commissioning	D7014	\$ 105,498
Los Angeles	GSEIS	Monitoring Based Commissioning	D7015	\$ 22,107
Los Angeles	HAINES HALL	Monitoring Based Commissioning	D7016	\$ 96,309
Los Angeles	KAUFMAN	Monitoring Based Commissioning	D7017	\$ 57,141
Los Angeles	LAKRETZ	Monitoring Based Commissioning	D7018	\$ 19,126
Los Angeles	HUMANITIES	Monitoring Based Commissioning	D7019	\$ 91,869
Los Angeles	POLICE STATI	Monitoring Based Commissioning	D7020	\$ 15,038
Los Angeles	PORTOLA BLDG	Monitoring Based Commissioning	D7021	\$ 12,089
Los Angeles	ROLFE HALL	Monitoring Based Commissioning	D7022	\$ 53,822
Los Angeles	UCLA LAB 1	Monitoring Based Commissioning	D7023	\$ 29,782
Los Angeles	UCLA LAB 2	Monitoring Based Commissioning	D7024	\$ 8,216
Los Angeles	WEST HT&CL	Monitoring Based Commissioning	D7025	\$ 3,729
Los Angeles	BOELTER HALL	Lighting Components & Controls Upgrades	D7029	\$ 154,763
Los Angeles	BOTANY	Lighting Components & Controls Upgrades	D7030	\$ 15,460
Los Angeles	BOYER HALL	Lighting Components & Controls Upgrades	D7031	\$ 55,067
Los Angeles	BRAIN RSCH	Lighting Components & Controls Upgrades	D7032	\$ 35,835
Los Angeles	CAMPBELL	Lighting Components & Controls Upgrades	D7035	\$ 22,700
Los Angeles	CAPITAL PGMS	Lighting Components & Controls Upgrades	D7036	\$ 12,237
Los Angeles	CLINICAL RES	Lighting Components & Controls Upgrades	D7038	\$ 10,449
Los Angeles	700 WWPLAZA	Lighting Components & Controls Upgrades	D7040	\$ 13,645
Los Angeles	CSB1	Lighting Components & Controls Upgrades	D7041	\$ 20,160
Los Angeles	DENTISTRY	Lighting Components & Controls Upgrades	D7042	\$ 84,590
Los Angeles	DODD HALL	Lighting Components & Controls Upgrades	D7043	\$ 32,410
Los Angeles	DORIS STEIN	Lighting Components & Controls Upgrades	D7044	\$ 36,192
Los Angeles	EAST MELNITZ	Lighting Components & Controls Upgrades	D7045	\$ 10,399
Los Angeles	ENGR BLDG 5	Lighting Components & Controls Upgrades	D7049	\$ 43,538
Los Angeles	FACMGMT BLDG	Lighting Components & Controls Upgrades	D7050	\$ 12,417
Los Angeles	FACTOR	Lighting Components & Controls Upgrades	D7051	\$ 82,723
Los Angeles	FOWLER MUSM	Lighting Components & Controls Upgrades	D7052	\$ 42,217
Los Angeles	FRANZ HALL	Lighting Components & Controls Upgrades	D7053	\$ 92,162
Los Angeles	GEOLOGY	Lighting Components & Controls Upgrades	D7054	\$ 71,371
Los Angeles	GSEIS	Lighting Components & Controls Upgrades	D7056	\$ 12,458
Los Angeles	HAINES HALL	Lighting Components & Controls Upgrades	D7057	\$ 54,272
Los Angeles	HERSHEY HALL	Lighting Components & Controls Upgrades	D7058	\$ 33,402
Los Angeles	KAUFMAN	Lighting Components & Controls Upgrades	D7059	\$ 32,201
Los Angeles	HUMANITIES	Lighting Components & Controls Upgrades	D7060	\$ 51,771
Los Angeles	KNUDSEN HALL	Lighting Components & Controls Upgrades	D7061	\$ 59,451
Los Angeles	LAKRETZ	Lighting Components & Controls Upgrades	D7062	\$ 10,778
Los Angeles	LAW	Lighting Components & Controls Upgrades	D7063	\$ 72,560
Los Angeles	LIFE SCIENCE	Lighting Components & Controls Upgrades	D7064	\$ 90,782
Los Angeles	M DAVIES CC	Lighting Components & Controls Upgrades	D7065	\$ 29,068
Los Angeles	MACGOWAN	Lighting Components & Controls Upgrades	D7067	\$ 36,196
Los Angeles	MATH SCIENCE	Lighting Components & Controls Upgrades	D7068	\$ 92,748
Los Angeles	MELNITZ HALL	Lighting Components & Controls Upgrades	D7069	\$ 25,591

CAMPUS	BUILDING NAME	PROJECT NAME	SEP ID	PROJECT COST
Los Angeles	MOLECULR SCI	Lighting Components & Controls Upgrades	D7070	\$ 68,172
Los Angeles	MOORE HALL	Lighting Components & Controls Upgrades	D7071	\$ 36,633
Los Angeles	MURPHY HALL	Lighting Components & Controls Upgrades	D7072	\$ 91,138
Los Angeles	NEUROSCI RCH	Lighting Components & Controls Upgrades	D7073	\$ 53,260
Los Angeles	OHRC	Lighting Components & Controls Upgrades	D7074	\$ 39,502
Los Angeles	PERLOFF HALL	Lighting Components & Controls Upgrades	D7075	\$ 27,280
Los Angeles	PHYS ASTRO	Lighting Components & Controls Upgrades	D7076	\$ 54,986
Los Angeles	POLICE STATI	Lighting Components & Controls Upgrades	D7077	\$ 8,474
Los Angeles	PORTOLA BLDG	Lighting Components & Controls Upgrades	D7078	\$ 6,813
Los Angeles	POWELL LIB	Lighting Components & Controls Upgrades	D7079	\$ 65,116
Los Angeles	PUB AFFAIRS	Lighting Components & Controls Upgrades	D7080	\$ 83,472
Los Angeles	PUBLIC HLTH	Lighting Components & Controls Upgrades	D7081	\$ 58,180
Los Angeles	REED RESRCH	Lighting Components & Controls Upgrades	D7082	\$ 28,633
Los Angeles	REHAB CENTER	Lighting Components & Controls Upgrades	D7083	\$ 48,297
Los Angeles	ROLFE HALL	Lighting Components & Controls Upgrades	D7084	\$ 30,330
Los Angeles	ROYCE HALL	Lighting Components & Controls Upgrades	D7085	\$ 76,423
Los Angeles	SCHOENBERG	Lighting Components & Controls Upgrades	D7086	\$ 50,725
Los Angeles	SEMEL INST	Lighting Components & Controls Upgrades	D7087	\$ 122,100
Los Angeles	SLICHTER	Lighting Components & Controls Upgrades	D7088	\$ 25,893
Los Angeles	SRLF	Lighting Components & Controls Upgrades	D7089	\$ 55,788
Los Angeles	TERASAKI LSB	Lighting Components & Controls Upgrades	D7090	\$ 74,052
Los Angeles	UCLA LAB 1	Lighting Components & Controls Upgrades	D7091	\$ 19,582
Los Angeles	UCLA LAB 2	Lighting Components & Controls Upgrades	D7092	\$ 5,402
Los Angeles	UEBERROTH	Lighting Components & Controls Upgrades	D7093	\$ 27,209
Los Angeles	VIVARIUM	Lighting Components & Controls Upgrades	D7094	\$ 52,314
Los Angeles	WARREN HALL	Lighting Components & Controls Upgrades	D7095	\$ 42,304
Los Angeles	YOUNG HALL	Lighting Components & Controls Upgrades	D7096	\$ 123,175
Los Angeles	CAMPUSWIDE	Lighting Components & Controls Upgrades	D7046	\$ 274
Los Angeles	CAMPUSWIDE	Lighting Components & Controls Upgrades	D7047	\$ 238
Los Angeles	CAMPUSWIDE	Lighting Components & Controls Upgrades	D7048	\$ 76
Los Angeles	CAMPUSWIDE	Steam System Upgrades	D7028	\$ 643,952
Los Angeles	BRAIN RSCH	Lighting Components & Controls Upgrades	D7037	\$ 8,302
San Diego	PRICE CTR	Retrofit - EBU-1 VAV Upgrade	F2079	\$ 7,241,035
San Diego	SUPERCOMPUTR	Retrofit - Supercomputer UPS Replacement	F7050	\$ 22,558
San Diego	CAMPUSWIDE	Retrofit - Ultralow Freezer Efficiency Upgrades Phase II	F7053	\$ 2,025,000
San Diego	COG SCI BLDG	Deemed/Express - Cog Sci & Media Center	F7084	\$ 35,143
San Diego	ENG UNIT 2	EBU-2 Rebalance & Vary Exhaust	F2053	\$ 720,000
San Diego	SUPERCOMPUTR	SDSC Free Cooling & Liquid Cooling of Servers	F7052	\$ 4,000,000
San Diego	PHARM SCI	Skaggs Pharm Sci MBCx	F7055	\$ 600,000
San Diego	CENT UTLTIES	CUP Cogen Stack Heat Recovery	F7057	\$ 2,200,000
San Diego	BSB ADDITION	Biomedical Library MBCx	F7058	\$ 300,000
San Diego	MRI BLDG	410 Dickinson St VAV Retrofit	F7059	\$ 180,000
San Diego	NAT SCI	NSB MBCx (Rebalance & Convert select areas to VAV)	F7060	\$ 620,000
San Diego	UREY HALL	Convert S-1 and AHU-1 from dual duct to VAV reheat + convert 3-wa	F7061	\$ 1,551,996
San Diego	CSC TR 7	Hillcrest Secondary Chilled Water Loop MBCx	F7062	\$ 550,000
San Diego	PEPCYNHALL	Pepper Canyon MBCx	F7065	\$ 120,000
San Diego	BAS SCI BLDG	BSB Duct Sealing & additional Air/Water Pressure Drop Reductions	F7066	\$ 800,000
San Diego	CENTER HALL	Center Hall MBCx	F7067	\$ 250,000

CAMPUS	BUILDING NAME	PROJECT NAME	SEP ID	PROJECT COST
San Diego	STUSVCSFAC	Student Services Center MBCx	F7068	\$ 150,000
San Diego	TOR PINE NOR	Torrey Pines Center North MBCx	F7069	\$ 120,000
San Diego	TOR PIN CTR	Torrey Pines Center South MBCx	F7071	\$ 500,000
San Diego	MUSIC	Conrad Prebys Music Building MBCx	F7072	\$ 250,000
San Diego	SHILEY EYE	Shiley Eye MBCx	F7074	\$ 250,000
San Diego	VIS ARTS #1	Visual Arts MBCx	F7075	\$ 250,000
San Diego	TGCF	Theodore Gildred/AVRC MBCx	F7076	\$ 350,000
San Diego	UREY OFFICE	Urey Hall Annex MBCx	F7077	\$ 80,000
San Diego	OTTERSON	Otterson & Wells Fargo Hall MBCx	F7078	\$ 350,000
San Diego	PRICE CTR	Price Center MBCx	F7080	\$ 600,000
San Diego	RET GLAUCOMA	Retina and Glaucoma Center MBCx	F7083	\$ 300,000
San Diego	CAMPUSWIDE	Street & Walkway Lighting Upgrade (to induction/LED)	F7048	\$ 731,505
San Diego	CAMPUSWIDE	Retrofit - Exhaust Fan Control - Multiple Buildings	F7070	\$ 400,000
San Diego	CAMPUSWIDE	Rebalance Vivariums & add Aircurity	F7079	\$ 1,500,000
San Francisco	DOLBY REGEN	MBCx - Institute for Regenerative Medicine	B7048	\$ 450,000
San Francisco	CAMPUSWIDE	Retrofit - Campuswide Freezer Replacement Phase 3	B7050	\$ 64,139
San Francisco	DILLER C RES	Retrofit - Lab Glass & Cage Washing Equipment Replacement	B7051	\$ 1,000,000
San Francisco	LIBRARY	MBCx - Campus Library	B7052	\$ 400,000
San Francisco	RUTTER CTR	MBCx - Rutter Center	B7053	\$ 202,750
San Francisco	CAMPUSWIDE	Retrofit - China Basin Chiller	B7047	\$ 258,742
San Francisco	MTZ BLDG A	Retrofit - Mt Zion Steam Trap Replacement	B7049	\$ 48,200
Santa Barbara	EDUCATION	MBCx - Education & Social Science Bldg	H7027	\$ 100,000
Santa Barbara	CAMPUSWIDE	MBCx - Chilled Water Loop Optimization Phase II	H7028	\$ 200,000
Santa Barbara	ROBERTSN GYM	Retrofit - Rec Courts Lighting	H7031	\$ 39,060
Santa Cruz	EMER RES CEN	Condensing Boiler Retrofit	G3709601	\$ 94,848
Santa Cruz	EMER RES CEN	Replace HHW Boiler with Heat Pump	G3709602	\$ 165,949
Santa Cruz	EMER RES CEN	Demand Based Scheduling	G3709603	\$ 119,151
Santa Cruz	EMER RES CEN	Raise Server Room Temp Setpoints	G3709604	\$ 112
Santa Cruz	EMER RES CEN	MBCx	G3709605	\$ 36,676
Santa Cruz	EMER RES CEN	Deep Lighting Retrofit	G3709606	\$ 61,837
Santa Cruz	INTERDIS SCI	Deep HVAC Retrofit	G3709801	\$ 1,414,135
Santa Cruz	INTERDIS SCI	Deep Lighting Retrofit	G3709802	\$ 280,656
Santa Cruz	INTERDIS SCI	MBCx	G3709803	\$ 160,055
Santa Cruz	HAHN STUD SV	MBCx	G3711501	\$ 45,929
Santa Cruz	HAHN STUD SV	Deep Lighting Retrofit	G3711502	\$ 151,006
Santa Cruz	HAHN STUD SV	Boiler Upgrade	G3711503	\$ 111,681
Santa Cruz	THIMANN LAB	Deep Retrofit_Smart Lab	G3711601	\$ 2,596,056
Santa Cruz	THIMANN LAB	2-Way Valve	G3711602	\$ 92,576
Santa Cruz	THIMANN LAB	DIWP Pump VFD	G3711603	\$ 22,687
Santa Cruz	THIMANN LAB	Replace Ultra Low Freezers	G3711604	\$ 296,933
Santa Cruz	THIMANN LAB	Deep Lighting	G3711605	\$ 400,343
Santa Cruz	THIMANN LAB	MBCx	G3711606	\$ 228,311
Santa Cruz	CL COLL COM	Boiler Retrofit (Primary)	G3713401	\$ 1,040,475
Santa Cruz	CL COLL COM	Boiler Retrofit (alt)	G3713402	\$ 773,208
Santa Cruz	CL COLL COM	Steam Boiler Retrofit	G3713403	\$ 44,363
Santa Cruz	CL COLL COM	MBCx	G3713404	\$ 119,922
Santa Cruz	CL COLL COM	Dining Area Daylighting Controls	G3713405	\$ 4,697
Santa Cruz	CL COLL COM	Deep Lighting Retrofit	G3713406	\$ 202,195

CAMPUS	BUILDING NAME	PROJECT NAME	SEP ID	PROJECT COST
Santa Cruz	CL COLL COM	Deep HVAC Retrofit	G3713407	\$ 855,693
Santa Cruz	CL COLL COM	Replace HHW Boiler with Heat Pump	G3713408	\$ 892,798
Santa Cruz	CL COLL COM	Dishwasher Replacement	G3713409	\$ 146,537
Santa Cruz	CL COLL COM	Kitchen Hood DCV	G3713410	\$ 137,727
Santa Cruz	MCHENRY LIB	Deep HVAC	G3714501	\$ 2,699,117
Santa Cruz	MCHENRY LIB	Deep Lighting	G3714502	\$ 1,243,015
Santa Cruz	MCHENRY LIB	Emergency Lighting	G3714503	\$ 341,488
Santa Cruz	MCHENRY LIB	MBCx	G3714504	\$ 708,877
Santa Cruz	COMMO BLDG	Deep HVAC	G3717501	\$ 2,417,498
Santa Cruz	COMMO BLDG	IT Room	G3717502	\$ 32,878
Santa Cruz	COMMO BLDG	Data Center Retrofit	G3717503	\$ 407,084
Santa Cruz	COMMO BLDG	Deep Lighting	G3717504	\$ 179,432
Santa Cruz	COMMO BLDG	2-Way Valve	G3717505	\$ 177,513
Santa Cruz	COMMO BLDG	MBCx	G3717506	\$ 54,575
Santa Cruz	NAT SCI 2	Deep Retrofit_Smart Lab	G3717901	\$ 1,511,236
Santa Cruz	NAT SCI 2	VAV_Labs	G3717902	\$ 1,220,055
Santa Cruz	NAT SCI 2	2-Way Valve	G3717903	\$ 106,216
Santa Cruz	NAT SCI 2	Process Water Pump VFD	G3717904	\$ 39,074
Santa Cruz	NAT SCI 2	Daylighting	G3717905	\$ 43,672
Santa Cruz	NAT SCI 2	Replace Ultra Low Freezers	G3717906	\$ 203,832
Santa Cruz	NAT SCI 2	Server Room HVAC	G3717907	\$ 8,493
Santa Cruz	NAT SCI 2	Deep Lighting	G3717908	\$ 391,713
Santa Cruz	NAT SCI 2	MBCx	G3717909	\$ 123,907
Santa Cruz	NS 2 ANNEX	Demand Based Scheduling	G3718001	\$ 55,362
Santa Cruz	NS 2 ANNEX	EF-02 Timeclock	G3718002	\$ 3,878
Santa Cruz	NS 2 ANNEX	Deep Lighting	G3718003	\$ 42,944
Santa Cruz	J BASKIN ENG	Deep Retrofit_Smart Lab	G3719401	\$ 4,490,303
Santa Cruz	J BASKIN ENG	VAV Non-Labs	G3719402	\$ 2,070,283
Santa Cruz	J BASKIN ENG	2-Way Valve	G3719403	\$ 448,293
Santa Cruz	J BASKIN ENG	Data Center Retrofit	G3719404	\$ 320,383
Santa Cruz	J BASKIN ENG	Replace Ultra Low Freezers	G3719405	\$ 695,486
Santa Cruz	J BASKIN ENG	Deep Lighting	G3719406	\$ 795,450
Santa Cruz	J BASKIN ENG	MBCx	G3719407	\$ 786,301
Santa Cruz	CLRM BLDG	MBCx	G3730101	\$ 68,037
Santa Cruz	CLRM BLDG	Condensing boiler with HHW reset	G3730102	\$ 173,871
Santa Cruz	CLRM BLDG	VFD for HHW pump	G3730103	\$ 140,554
Santa Cruz	CLRM BLDG	Occupancy-based AC control for projector room	G3730104	\$ 17,585
Santa Cruz	CLRM BLDG	Deep Lighting Retrofit	G3730105	\$ 68,829
Santa Cruz	CLRM BLDG	Automatic tstat control for convectors	G3730106	\$ 8,838
Santa Cruz	CLRM BLDG	Add VFDs to SFs	G3730107	\$ 318,940
Santa Cruz	CLRM BLDG	HHW & DHW Heat Pumps	G3730108	\$ 206,558
Santa Cruz	KERR HALL	MBCx	G3737601	\$ 355,943
Santa Cruz	KERR HALL	Deep HVAC Retrofit	G3737602	\$ 1,183,046
Santa Cruz	KERR HALL	Deep Lighting	G3737603	\$ 360,084
Santa Cruz	KERR HALL	Disconnect/Remove AC4	G3737604	\$ 81
Santa Cruz	KERR HALL	Premium Efficiency Pump Replacement (HWP 02)	G3737605	\$ 9,356
Santa Cruz	KR ACAD BLDG	Demand Based Scheduling	G3737701	\$ 88,378
Santa Cruz	KR ACAD BLDG	Automatic t-stat control for convectors	G3737702	\$ 43,601

CAMPUS	BUILDING NAME	PROJECT NAME	SEP ID	PROJECT COST
Santa Cruz	KR ACAD BLDG	Dual Circuit Lighting	G3737703	\$ 40,982
Santa Cruz	KR ACAD BLDG	Condensing HHW/DHW boiler w/ HWST reset	G3737704	\$ 98,777
Santa Cruz	KR ACAD BLDG	VAV for WAFs	G3737705	\$ 47,518
Santa Cruz	KR ACAD BLDG	Deep Lighting	G3737706	\$ 74,038
Santa Cruz	KR ACAD BLDG	MBCx	G3737707	\$ 70,371
Santa Cruz	KR ACAD BLDG	Heat Pump for HHW & DHW	G3737708	\$ 867,841
Santa Cruz	KR ASSY BLDG	Demand Based Scheduling	G3737901	\$ 53,173
Santa Cruz	KR ASSY BLDG	Instantaneous Gas DHW Heater	G3737902	\$ 4,451
Santa Cruz	KR ASSY BLDG	VAV for WAFs	G3737903	\$ 218,040
Santa Cruz	KR ASSY BLDG	MBCx	G3737904	\$ 28,843
Santa Cruz	KR ASSY BLDG	Heat Pump for Heating & DHW	G3737905	\$ 102,069
Santa Cruz	KR ASSY BLDG	Kitchen Hood DCV	G3737906	\$ 19,766
Santa Cruz	OAK TUTORIAL	Condensing Boiler Retrofit	G3741901	\$ 95,024
Santa Cruz	OAK TUTORIAL	Replace HHW Boiler with Heat Pump	G3741902	\$ 343,939
Santa Cruz	OAK TUTORIAL	Deep HVAC	G3741903	\$ 394,785
Santa Cruz	OAK TUTORIAL	MBCx	G3741904	\$ 50,707
Santa Cruz	OAK TUTORIAL	Kitchen Hood DCV	G3741905	\$ 11,859
Santa Cruz	LML DOYLE	T12 Retrofit	G3743801	\$ 17,003
Santa Cruz	LML DOYLE	Deep Lighting Retrofit	G3743802	\$ 38,620
Santa Cruz	LML DOYLE	Deep HVAC Retrofit	G3743803	\$ 805,508
Santa Cruz	LML DOYLE	MBCx	G3743804	\$ 12,216
Santa Cruz	LML DOYLE	ECM Motors	G3743805	\$ 1,107
Santa Cruz	LML OCN HLTH	Condensing Boiler Retrofit	G3769401	\$ 124,283
Santa Cruz	LML OCN HLTH	Replace HHW Boiler with Heat Pump	G3769402	\$ 652,626
Santa Cruz	LML OCN HLTH	Decommission AC1	G3769403	\$ 187
Santa Cruz	LML OCN HLTH	Convert AH1 to VAV	G3769404	\$ 770,571
Santa Cruz	LML OCN HLTH	MBCx	G3769405	\$ 66,166
Santa Cruz	LML OCN HLTH	Deep Lighting Retrofit	G3769406	\$ 111,560
Santa Cruz	LML OCN HLTH	Replace Ultra Low Freezers	G3769407	\$ 146,209
Santa Cruz	LML DOLPHNRM	Pool Heat Exchanger	G3770001	\$ 152,207
Santa Cruz	LML DOLPHNRM	Caisson #2 Pump Replacement	G3770002	\$ 583,128
Santa Cruz	LML DOLPHNRM	MBCx	G3770003	\$ 14,352
Santa Cruz	LML DOLPHNRM	Lighting Retrofit	G3770004	\$ 3,886
Santa Cruz	LML DOLPHNRM	VFDs in Caisson #1	G3770005	\$ 98,389
Santa Cruz	HUMANIT BLD1	Demand Controlled Ventilation	G3770601	\$ 1,315,125
Santa Cruz	HUMANIT BLD1	Boiler Upgrade	G3770602	\$ 200,006
Santa Cruz	HUMANIT BLD1	MBCx	G3770603	\$ 152,259
Santa Cruz	HUMANIT BLD1	Heat Pump for HHW & DHW	G3770604	\$ 1,446,919
Santa Cruz	HUMANIT BLD2	Demand Controlled Ventilation	G3771001	\$ 333,165
Santa Cruz	HUMANIT BLD2	Boiler Upgrade	G3771002	\$ 97,900
Santa Cruz	HUMANIT BLD2	Improve Southeast Glazing	G3771003	\$ 4,810
Santa Cruz	HUMANIT BLD2	Deep Lighting	G3771004	\$ 98,448
Santa Cruz	HUMANIT BLD2	MBCx	G3771005	\$ 56,144
Santa Cruz	HUMANIT BLD2	Heat Pump for HHW & DHW	G3771006	\$ 416,970
Santa Cruz	DIGITAL ARTS	Condensing Boiler Retrofit	G3771701	\$ 107,298
Santa Cruz	DIGITAL ARTS	Replace HHW Boiler with Heat Pump	G3771702	\$ 684,083
Santa Cruz	DIGITAL ARTS	Demand Based Scheduling	G3771703	\$ 320,843
Santa Cruz	DIGITAL ARTS	Eliminate Comfort Cooling	G3771704	\$ 230

CAMPUS	BUILDING NAME	PROJECT NAME	SEP ID	PROJECT COST
Santa Cruz	DIGITAL ARTS	MBCx	G3771705	\$ 51,035
Santa Cruz	DIGITAL ARTS	Dining Area Daylighting Controls	G3771706	\$ 5,261
Santa Cruz	DIGITAL ARTS	Deep Lighting Retrofit	G3771707	\$ 193,606
Santa Cruz	LML SEYMOUR	Boiler Retrofit	G3773301	\$ 47,556
Santa Cruz	LML SEYMOUR	Air-to-Water Heat Pump	G3773302	\$ 105,548
Santa Cruz	LML SEYMOUR	Variable Air Volume Conversion for AHUs	G3773303	\$ 465,879
Santa Cruz	LML SEYMOUR	HVAC Occ Sensor / Demand Based Scheduling	G3773304	\$ 24,502
Santa Cruz	LML SEYMOUR	Dual Technology Controls	G3773305	\$ 32,878
Santa Cruz	LML SEYMOUR	MBCx	G3773306	\$ 25,116
Santa Cruz	LML SEYMOUR	Deep Lighting	G3773307	\$ 79,401
Santa Cruz	LML SEYMOUR	Retrofit Highbay Lighting to LED and add Daylighting controls	G3773308	\$ 31,490
Santa Cruz	LML SEYMOUR	Retrofit T12 Lighting with LED	G3773309	\$ 16,834
Santa Cruz	OPERS OFFICE	HVAC Occ Sensor / Demand Based Scheduling	G3774301	\$ 41,598
Santa Cruz	OPERS OFFICE	MBCx	G3774302	\$ 26,942
Santa Cruz	OPERS OFFICE	Pool Cover	G3774303	\$ 27,504
Santa Cruz	OPERS OFFICE	Deep Lighting	G3774304	\$ 85,172
Santa Cruz	OPERS OFFICE	Air-to-Water Heat Pump	G3774305	\$ 250,206
Santa Cruz	SINSHEIMR LB	Deep Retrofit_Smart Lab	G3774401	\$ 2,664,999
Santa Cruz	SINSHEIMR LB	Daylighting	G3774402	\$ 50,413
Santa Cruz	SINSHEIMR LB	Replace Ultra Low Freezers	G3774403	\$ 1,013,501
Santa Cruz	SINSHEIMR LB	Deep Lighting	G3774404	\$ 449,793
Santa Cruz	SINSHEIMR LB	MBCx	G3774405	\$ 256,512
Santa Cruz	EIGHT KITCH	Boiler Retrofit	G3775601	\$ 114,194
Santa Cruz	EIGHT KITCH	Air-to-Water Heat Pump	G3775602	\$ 448,528
Santa Cruz	EIGHT KITCH	Daylighting	G3775603	\$ 5,261
Santa Cruz	EIGHT KITCH	Deep Lighting	G3775604	\$ 66,746
Santa Cruz	EIGHT KITCH	MBCx	G3775605	\$ 39,587
Santa Cruz	EIGHT KITCH	Kitchen Hood DCV	G3775606	\$ 100,726
Santa Cruz	EARTH MAR SC	Deep Retrofit_Smart Labs	G3777501	\$ 4,980,705
Santa Cruz	EARTH MAR SC	VAV Conversion	G3777502	\$ 4,816,593
Santa Cruz	EARTH MAR SC	Improve Glazing	G3777503	\$ 108,445
Santa Cruz	EARTH MAR SC	DCV with CO2 sensors	G3777504	\$ 5,480
Santa Cruz	EARTH MAR SC	Deep Lighting	G3777505	\$ 683,277
Santa Cruz	EARTH MAR SC	Replace Ultra Low Freezers	G3777506	\$ 587,990
Santa Cruz	EARTH MAR SC	MBCx	G3777507	\$ 405,251
Santa Cruz	PHYS SCI BLD	Deep Retrofit_Smart Lab	G3791901	\$ 934,517
Santa Cruz	PHYS SCI BLD	VAV_Lab Exhaust	G3791902	\$ 107,076
Santa Cruz	PHYS SCI BLD	Controls	G3791903	\$ 67,948
Santa Cruz	PHYS SCI BLD	Replace Ultra Low Freezers	G3791904	\$ 635,221
Santa Cruz	PHYS SCI BLD	Server Room HVAC	G3791905	\$ 49,632
Santa Cruz	PHYS SCI BLD	MBCx	G3791906	\$ 352,446
Santa Cruz	ENGINEER BLD	MBCx	G3794001	\$ 679,702
Santa Cruz	ENGINEER BLD	HVAC Occ Sensor / Demand Based Scheduling	G3794002	\$ 127,082
Santa Cruz	ENGINEER BLD	Server Room HVAC: Includes Rooms 208 and 594	G3794003	\$ 29,671
Santa Cruz	ENGINEER BLD	Server Room UPS Rm 208 and 594	G3794004	\$ 47,074
Santa Cruz	ENGINEER BLD	Deep Lighting	G3794005	\$ 687,610
Santa Cruz	2300 DELAWRE	Parking Lot LED Retrofit	G3794401	\$ 30,633
Santa Cruz	2300 DELAWRE	MBCx	G3794402	\$ 108,994

CAMPUS	BUILDING NAME	PROJECT NAME	SEP ID	PROJECT COST
Santa Cruz	2300 DELAWRE	Raise Server Room Temp Setpoints	G3794403	\$ 112
Santa Cruz	BIOMED SCI	Vivarium Lighting Control	G3794701	\$ 27,768
Santa Cruz	BIOMED SCI	Replace Ultra Low Freezers	G3794702	\$ 249,702
Santa Cruz	BIOMED SCI	Monitoring Based Commissioning	G3794703	\$ 263,352
Santa Cruz	CAMPUSWIDE	Campus Wide Wall Pack Upgrade	G3WIDE01	\$ 367,296
Santa Cruz	CAMPUSWIDE	Eliminate Building Heat on 90°F Days	G3WIDE03	\$ 55,500
Santa Cruz	CAMPUSWIDE	Walk-in Cooler & Freezer Optimization	G3WIDE04	\$ 10,806
Santa Cruz	CAMPUSWIDE	Campuswide Incandescent/Halogen Lighting Retrofit	G3WIDE05	\$ 66,919
Santa Cruz	CAMPUSWIDE	Replace Ultra Low Freezers	G3WIDE08	\$ 178,748
Santa Cruz	CAMPUSWIDE	Pathway Lighting Retrofit	G3WIDE09	\$ 126,480
Santa Cruz	CAMPUSWIDE	Reduce Condenser Water Temperature with Pony Chillers	G3DIST4a/	\$ 703,422
Santa Cruz	CAMPUSWIDE	Reduce Condenser Water Temperature with Pony Chillers	G3DIST4b/	\$ 703,422
Santa Cruz	CAMPUSWIDE	Porter College Mini District Low Temp Heating	G3DIST05	\$ 550,425
Santa Cruz	CAMPUSWIDE	Distributed Resource Optimization	G3DIST06/	\$ 4,425,703
Santa Cruz	CAMPUSWIDE	Low Temp Heating of Ventilation Air	G3DIST08	\$ 1,589,708
Santa Cruz	MCHENRY LIB	Lighting Conversion Phase II	G4714501	\$ 527,212
Santa Cruz	SOC SCI 2	Hallway Lighting Retrofit	G4792101	\$ 71,928
Santa Cruz	NAT SCI 2	Hallway Lighting Retrofit	G4717901	\$ 33,280
Santa Cruz	CTL HEAT PLT	Fackler Plant LED & Controls Conversion	G4714601	\$ 30,638
Santa Cruz	THIMANN LAB	Add VFDs to CHW Pump	G4711601	\$ 10,000
Santa Cruz	THIMANN LAB	Add VFDs to Process Heating Water Pump	G4711602	\$ 10,000
Santa Cruz	LML DOYLE	T12 Retrofit	G5753880	\$ 9,836
Santa Cruz	LML DOYLE	Deep Lighting Retrofit	G5753880	\$ 22,341
Santa Cruz	LML DOYLE	Deep HVAC Retrofit	G5753880	\$ 465,968
Santa Cruz	LML DOYLE	MBCx	G5753880	\$ 7,067
Santa Cruz	LML DOYLE	ECM Motors	G5753880	\$ 640
Santa Cruz	CL ACAD BLDG	Replace HHW Boiler with Heat Pump	G6713090	\$ 352,305
Santa Cruz	CL ACAD BLDG	Deep HVAC	G6713090	\$ 404,388
Santa Cruz	CL ACAD BLDG	Demand Based Scheduling	G6713060	\$ 101,246
Santa Cruz	CL ACAD BLDG	Dining Area Daylighting Controls	G6713060	\$ 4,533
Santa Cruz	CL ACAD BLDG	VFD for HHW pump	G6713010	\$ 107,301
Santa Cruz	CL ACAD BLDG	MBCx	G6713010	\$ 15,982
Santa Cruz	BARN H RECV	Replace HHW Boiler with Heat Pump	G6711190	\$ 430,456
Santa Cruz	BARN H RECV	Demand Based Scheduling	G6711120	\$ 42,931
Santa Cruz	BARN H RECV	Dual Technology Controls	G6711130	\$ 26,584
Santa Cruz	ACAD RES CTR	Boiler Upgrade	G6775450	\$ 74,716
Santa Cruz	ACAD RES CTR	Demand Based Scheduling	G6775420	\$ 44,596
Santa Cruz	ACAD RES CTR	Dual Technology Controls	G6775430	\$ 27,616
Santa Cruz	ACAD RES CTR	VFD for HHW pump	G6775410	\$ 136,190
Santa Cruz	ACAD RES CTR	MBCx	G6775410	\$ 20,285
Santa Cruz	ME ACAD BLDG	Condensing HHW/DHW boiler w/ HWST reset	G6718970	\$ 109,188
Santa Cruz	ME ACAD BLDG	Demand Based Scheduling	G6718920	\$ 54,727
Santa Cruz	ME ACAD BLDG	Dual Technology Controls	G6718930	\$ 33,889
Santa Cruz	ME ACAD BLDG	VFD for HHW pump	G6718910	\$ 167,127
Santa Cruz	ME ACAD BLDG	MBCx	G6718910	\$ 24,892
Santa Cruz	BARN G SHOP	Air-to-Water Heat Pump	G6711070	\$ 372,685
Santa Cruz	BARN G SHOP	Demand Based Scheduling	G6711020	\$ 56,732
Santa Cruz	BARN G SHOP	Dining Area Daylighting Controls	G6711060	\$ 7,319

CAMPUS	BUILDING NAME	PROJECT NAME	SEP ID	PROJECT COST
Santa Cruz	BARN G SHOP	VFD for HHW pump	G6711040	\$ 522,133
Santa Cruz	BARN G SHOP	MBCx	G6711040	\$ 26,880
Santa Cruz	ST ACAD BLDG	Condensing Boiler Retrofit	G6714390	\$ 233,400
Santa Cruz	ST ACAD BLDG	Deep HVAC	G6714390	\$ 969,679
Santa Cruz	ST ACAD BLDG	Demand Based Scheduling	G6714370	\$ 150,402
Santa Cruz	ST ACAD BLDG	Controls	G6714390	\$ 13,853
Santa Cruz	ST ACAD BLDG	VFD for HHW pump	G6714340	\$ 775,424
Santa Cruz	ST ACAD BLDG	MBCx	G6714370	\$ 119,758
Santa Cruz	PORTER ACAD	Condensing Boiler Retrofit	G6730690	\$ 270,641
Santa Cruz	PORTER ACAD	Heat Pump for HHW & DHW	G6730670	\$ 1,712,547
Santa Cruz	PORTER ACAD	Demand Based Scheduling	G6730670	\$ 174,400
Santa Cruz	PORTER ACAD	Controls	G6730690	\$ 16,063
Santa Cruz	PORTER ACAD	VFD for HHW pump	G6730640	\$ 899,151
Santa Cruz	PORTER ACAD	MBCx	G6730670	\$ 138,867
Santa Cruz	TA MAINSTAGE	Deep HVAC Retrofit	G6731140	\$ 711,145
Santa Cruz	SCI &ENG LIB	Deep HVAC Retrofit	G6778260	\$ 1,163,816
Santa Cruz	SCI &ENG LIB	Demand Based Scheduling	G6778230	\$ 96,768
Santa Cruz	SCI &ENG LIB	Dining Area Daylighting Controls	G6778260	\$ 30,558
Santa Cruz	SCI &ENG LIB	Replace Ultra Low Freezers	G6778260	\$ 262,733
Santa Cruz	SCI &ENG LIB	MBCx	G6778240	\$ 210,094
Santa Cruz	EIGHT STUCOM	Replace HHW Boiler with Heat Pump	G6776800	\$ 43,193
Santa Cruz	EIGHT STUCOM	Demand Based Scheduling	G6776820	\$ 9,002
Santa Cruz	EIGHT STUCOM	Controls	G6776890	\$ 1,480
Santa Cruz	EIGHT STUCOM	MBCx	G6776870	\$ 4,258
Santa Cruz	EIGHT STUCOM	Daylighting Controls	G6776800	\$ 11,889
Santa Cruz	EIGHT STUCOM	Depp Lightng Retrofit	G6776840	\$ 13,462