



Energy Efficient State Property Revolving Fund Loan Program

American Reinvestment and Recovery Act



Executive Summary August 2011

The Department of General Services (DGS) and its contractors continue to implement energy efficiency in sixty-two state-owned facilities and five parking lots.

Small Building Program

- Work at all California Highway Patrol and Department of Motor Vehicles field offices is winding down, with only punch list items awaiting completion. Project close outs at both departments will be completed within the next two months.
- One Department of Mental Health hospital is complete. The scope of the lighting retrofit at a second facility is under discussion; work is expected to begin in September. This project will be completed in December.
- Lighting retrofits compatible with the needs of Department of Developmental Services' clients have begun, with project closeout occurring in October. Installation of variable fan drives (VFD) will begin in early August at Sonoma. A similar project at Porterville requires additional design work.
- At the Department of Water Resources, all projects are nearing completion. The final design for an HVAC upgrade at the Kelly Ridge Visitors' Center is expected soon. This project will be underway in early October and will be over in early December.

Large Building Program

- Most projects are completed and undergoing measurements of energy savings.
- Two chiller projects experienced problems in project design, but work is expected to begin by mid-September, allowing them to meet program deadlines.

CDCR & OCIO Managed Projects

- CDCR: All projects are nearing completion.
- OCIO: Twenty-four computer room air conditioning (CRAC) units have been installed, the lighting retrofit is complete, and the work on air handling equipment is proceeding according to schedule for completion in December.
- Arrangements for the disbursements from the loan fund to the OCIO are in place and payments will occur this month.

Program Management

- In early August, the Department of Finance Office of State Audits and Evaluation reviewed project progress to ascertain whether they would all meet the April 30, 2012 deadline of the American Recovery and Reinvestment Act (ARRA). Of the sixty-two facilities, only three are running behind schedule. Remediation is underway to ensure that all projects meet the ARRA deadline.
- In June, DGS received approval from the California Energy Commission and the United States Department of Energy to use interest the loan fund accrued through the Surplus Money Investment Fund to support administrative oversight.
- DGS has created a web site for the Energy Efficient State Property Revolving Fund Loan Program, <http://www.dgs.ca.gov/resd/Programs/greenbuilding.aspx>.
- Total funds disbursed to date are \$13,645,822. This is 54 percent of funds allocated to this program.



Energy Efficient State Property Revolving Loan Program

8/17/2011

Program/Loan Agreement	Loan Amt	Vendors	Jobs*	Disbursed
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DGS Large Buildings Program

Loan 101 DGS amendment	\$5,927,891	Various	64.0	\$4,116,063
Loan 104-OFAM	\$554,898	SmartWatt	6.0	\$467,163
Loan 106-CHP	\$157,080	SmartWatt	1.7	\$106,795
Total	\$6,639,869			\$4,690,021

Past 30-Day Activities (August - 2011)

Loan 101: C: 02/10 - 03/12. This loan package is comprised of energy efficient projects in 9 buildings.

BOE - 80% complete. Lighting upgrade complete; the installation of variable frequency drives on the chiller is 95% complete; the optimization of controls is 60% complete; chilled water valves replacement is 100% complete.

Bateson - 99% complete. Filter replacement and coil cleaning completed; lighting upgrade approximately 99% complete.

CEC - 100% complete. Controls upgrade for air handling units, hot water recirculation pumps, exhaust fans, and night cooling are complete; occupancy sensor issues have been resolved and lighting controls update is now complete; project closeout February 2011.

Bonderson Building - 99% complete. As of August 15, 2011, BPM and the contractor SmartWatt have completed the inspection and M&V process. Final invoice for this project is now in processing. BPM will start preparation for project close out once invoice has been processed.

Secretary of State - 99% complete. Filter replacement and coil cleaning 100% complete; lighting upgrade approximately 95% complete; compressor installation approximately 99% complete.

San Diego (Cal Trans District 11 and Mission Valley) - 98% complete. As of August 22, 2011, BPM and the contractor SmartWatt for the Mission Valley Project have completed the inspection and M&V process. Final invoicing for this project is complete. BPM has started preparation for Project close out. Caltrans District 11's inspection and M&V process is in review and due to be completed end of August.

Cal Trans District 11 - 50% complete. JCI design for chiller retrofit has been reviewed by DGS and JCI is incorporating comments. Construction underway; additional hardware was ordered and piping modification is 60% complete.

Fresno - Controls upgrade is 100% complete; design for chiller replacement approved by DGS. Chiller on order; construction planned to begin September 2011. Expected completion date November 2011.

Jesse Unruh - 100% complete. Filter replacement and coil cleaning 100% complete; lighting upgrade 100% complete.

Loan 104: OFAM Parking Lots - 100% complete. As of August 22, 2011, Lots 8, 14, 38, 50 and 55 are 100% complete. BPM and the contractor SmartWatt have completed the inspection and M&V process. Final invoicing for this project is complete. BPM has started preparation for Project close out.

Loan 106: CHP HQ. 70% complete. As of August 22, 2011, BPM and the contractor SmartWatt continuing the lighting retrofit project at CHP Headquarters, projected completion by the end of August. The inspection and M&V process tentatively scheduled for September.

Program/Loan Agreement	Loan Amt	Vendors	Jobs*	Disbursed
Small Buildings Program				
Loan 108-DMH/Atascadero	\$673,297	JCI	7.3	\$337,247
Loan 110-DMH/Patton	\$399,790	JCI	4.3	\$324,344
Loan 114-CHP	\$1,848,511	JCI	20.0	\$1,351,277
Loan 116-DMV	\$1,324,365	JCI	14.3	\$950,637
Loan 118-DWR	\$931,965	JCI	10.1	\$464,217
Loan 120-DDS	\$4,993,118	JCI	53.9	\$3,004,461
Total	\$10,171,046			\$6,432,183

Past 30-Day Activities (August - 2011)

Loan 108: DMH, Atascadero. C:2/11 - 12/11; 15% complete. Contractor has completed re-auditing due to data entry errors and scope was refined; DMH asked for further revisions; site work will be delayed until mid-September, 2011.

Loan 110: DMH Patton SH. C: 1/11 - 5/11; 100% complete.

Loan 114: CHP (18 sites). C: 12/10 - 9/11; 99% complete. All eighteen interior and exterior lighting retrofits completed; punch list items being worked on. Eight out of eight HVAC installations completed.

Loan 116: DMV (18 sites). C: 12/10- 9/11; 90% complete. All eighteen interior and exterior lighting retrofits completed; punch list items being worked on. Three out of three HVAC installations complete.

Loan 118: DWR (4 sites). C: 12/10 - 12/11; 75% complete. All four interior lighting retrofits completed. Two of three exterior lighting retrofits completed. Vista Del Lago HVAC completed; Bryte lighting is 90% completed. HVAC in Bryte Concrete Lab scheduled to begin early October pending resolution of additional funding issues. Romero HVAC underway (85% complete).

Loan 120: DDS (3 campuses). C:1/11 - 12/11; 20% complete. Lighting scheme/ mock-up to determine optimum solution for autistic clients at Fairview approved by DGS and DDS and installation is underway; expected completion October 31, 2011. Sonoma lighting installation is delayed pending DDS decision on funding requested lamp holders replacement. Sonoma VFD installation 55% complete; Porterville VFD installation delayed due to utility pre-construction site visit and the client procuring materials for additional requested work; anticipated start August 29, 2011.

CDCR Energy Retrofits

Loan 102 CDCR	\$4,108,998	CDCR ESCO	44.4	\$1,432,736
Loan 124 CDCR	\$1,512,401	CDCR ESCO	16.3	\$788,846

Past 30-Day Activities (August - 2011)

Loan 102: CCI Tehachapi, Salinas Valley, and Corcoran State Prisons. C: 9/10 - 12/11; this project is being managed by CDCR. Salinas Valley State Prison –90% complete. Tehachapi Correctional Institute – 90% complete. Corcoran State Prison EMS Project – 95% complete. Corcoran lighting construction is 90% complete.

Loan 124: , Corcoran State Prison Substance Abuse Treatment Facility (SATF), and CA Rehabilitation Center Norco. C: 12/10 - 12/11; this project is being managed by CDCR. SATF – 55% complete. CRC Norco – 90% complete.

Program/Loan Agreement	Loan Amt	Vendors	Jobs*	Disbursed
CA Technology Agency (Office of Chief Information Officer) Energy Retrofits				
Loan 112-OCIO	\$2,299,562	ABM	24.8	\$26,799

Past 30-Day Activities (August - 2011)
Gold Camp C: 12/10 - 12/11; 55% complete. CRAC Units - 24 are in place, 16 are fully installed and operational, 7 are awaiting hot-taps and power, 1 is awaiting power. All 24 units received on site, and Procurement is preparing the PO for the last 5, which should arrive in mid to late October. Chillers VFDs/Waterside Economizer – The contract was awarded and paperwork has started (placing materials/parts orders, scheduling, etc.) Lighting – This job is 99% complete. The Contractor still needs to perform some adjustment to fixtures, EPA/Recycling certificate before closeout. This project managed by the OCIO.

Administration	\$400,146	DGS	4.3	\$275,237
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Past 30-Day Activities (August - 2011)
 Program Administration includes costs associated with program oversight, legal counsel, accounting support, and federal reporting. In June 2011, the original allocation of \$268,124 was augmented by \$132,022, interest earned from the Surplus Money Investment Fund (SMIF).

Total Program	\$25,132,022		271.4 *	\$13,645,822
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* The number of jobs created is based upon a calculation provided by the President's Council of Economic Advisors (10.8 per \$1 million of construction).

**ARRA Energy Efficient State Property Revolving Fund
Projects in Progress
Revised August 17, 2011**

Project/Building	DGS Project #	Energy Measure	ARRA-Funded Loan Amount*	Contractor	Construction Contract Cost	Amount Disbursed to Date	Annual Savings			Simple Payback (years)																																																																								
							kWh	Therms	Dollars																																																																									
SMALL BUILDINGS PROGRAM																																																																																		
Department of Motor Vehicles - Loan 116																																																																																		
Arleta Field Office	131601	Lighting Upgrade	\$1,324,365	Johnson Controls, Inc.	\$54,372	\$56,739	45,438		\$5,355	10.2																																																																								
		Web-Based Monitoring			\$10,000																																																																													
Chula Vista	131602	Lighting Upgrade			\$63,437						\$55,345	\$65,033	45,996		\$8,000	7.9																																																																		
		Web-Based Monitoring			\$10,000																																																																													
El Cajon	131603	Lighting Upgrade			\$12,214												\$61,882	\$18,231	34,065		\$6,295	1.9																																																												
		Web-Based Monitoring			\$10,000																																																																													
Hanford	131604	Lighting Upgrade			\$21,433																		\$55,345	\$26,601	18,707		\$2,285	9.4																																																						
		Web-Based Monitoring			\$10,000																																																																													
Hollister	131605	Lighting Upgrade			\$5,582																								\$55,345	\$12,958	11,490		\$2,053	2.7																																																
		Web-Based Monitoring			\$10,000																																																																													
Merced	131606	Lighting Upgrade			\$46,172																														\$55,345	\$49,541	39,651		\$6,060	7.6																																										
		Web-Based Monitoring			\$10,000																																																																													
Modesto	131607	Lighting Upgrade			\$16,127																																				\$55,345	\$21,746	30,068		\$3,307	4.9																																				
		Web-Based Monitoring			\$10,000																																																																													
Mountain View	131608	Lighting Upgrade			\$20,989																																										\$55,345	\$26,194	32,983		\$5,218	4.0																														
		Web-Based Monitoring			\$10,000																																																																													
Oakland Claremont	131609	Lighting Upgrade			\$59,993																																																\$55,345	\$61,882	57,199		\$8,993	6.7																								
		Web-Based Monitoring			\$10,000																																																																													
Oakland Coliseum	131610	Lighting Upgrade			\$52,468																																																						\$55,345	\$55,345	37,350		\$5,479	9.6																		
		Web-Based Monitoring			\$10,000																																																																													
Redwood City	131611	Lighting Upgrade			\$58,704																																																												\$55,345	\$61,095	41,468		\$6,494	9.0												
		Web-Based Monitoring			\$10,000																																																																													
Sacramento	131612	Lighting Upgrade			\$24,416																																																																		\$55,345	\$224,373	24,621	776	\$2,868	8.5						
		HVAC Upgrade			\$209,386																																																																													
		Web-Based Monitoring			\$10,000																																																																													
San Diego	131613	Lighting Upgrade			\$43,507																																																																								\$55,345	\$37,809	41,654		\$7,543	5.8
		Web-Based Monitoring			\$10,000																																																																													
San Mateo	131614	Lighting Upgrade			\$17,519																																																																													
		Web-Based Monitoring	\$10,000																																																																															
Turlock	131615	Lighting Upgrade	\$26,668	\$55,345	\$78,818	36,099	253	\$3,913	6.8																																																																									
		HVAC Upgrade	\$76,410																																																																															
		Web-Based Monitoring	\$10,000																																																																															
Visalia	131616	Lighting Upgrade	\$23,380							\$55,345	\$28,400	40,494		\$4,564	5.1																																																																			
		Web-Based Monitoring	\$10,000																																																																															
Watsonville	131617	Lighting Upgrade	\$8,747													\$55,345	\$15,035	13,414		\$2,365	3.7																																																													
		Web-Based Monitoring	\$10,000																																																																															
Yuba City	131618	Lighting Upgrade	\$10,960																			\$55,345	\$87,716	20,391		\$3,538	3.1																																																							
		HVAC Upgrade	\$76,724																																																																															
		Web-Based Monitoring	\$10,000																																																																															
		Total DMV	\$1,324,365																										\$1,109,208	\$950,637	721,028	1,742	\$107,138	12.4																																																
CA Highway Patrol - Loan 114																																																																																		
Altadena Area	131621	Lighting Upgrade																											\$16,744	\$122,404	55,552		\$6,450	2.6																																																
		HVAC Upgrade																											\$108,729																																																					
		Web-Based Monitoring																											\$10,000																																																					
Central Los Angeles Area	131622	Lighting Upgrade																																		\$65,945	\$67,771	92,763		\$10,511	6.3																																									
		Web-Based Monitoring																																		\$10,000																																														
Coalinga Area	131623	Lighting Upgrade																																									\$20,158	\$107,790	32,697		\$5,695	3.5																																		
		HVAC Upgrade																																									\$37,906																																							
		Rezone HVAC																																									\$51,285																																							
		Web-Based Monitoring																																									\$10,000																																							
El Cajon Area	131624	Lighting Upgrade																																																\$42,316	\$45,986	43,144		\$8,141	5.2																											
		Web-Based Monitoring																																																\$10,000																																
Fort Tejon Area	131625	Lighting Upgrade																																																							\$30,837	\$37,011	33,523		\$4,274	7.2																				
		Web-Based Monitoring																																																							\$10,000																									
Fresno Area	131626	Lighting Upgrade																																																														\$45,960	\$49,041	97,278		\$13,142	3.5													
		Web-Based Monitoring																																																														\$10,000																		
Hanford Area	131627	Lighting Upgrade																																																																					\$29,836	\$85,091	45,638		\$7,243	4.1						
		HVAC Upgrade		\$54,894																																																																														
		Web-Based Monitoring		\$10,000																																																																														

*The ARRA-funded loan amount includes all project costs (construction cost, construction contingency, A/E costs, loan administration costs).

**ARRA Energy Efficient State Property Revolving Fund
Projects in Progress
Revised August 17, 2011**

Project/Building	DGS Project #	Energy Measure	ARRA-Funded Loan Amount*	Contractor	Construction Contract Cost	Amount Disbursed to Date	Annual Savings			Simple Payback (years)		
							kWh	Therms	Dollars			
Hayward Area	131628	Lighting Upgrade	\$1,848,511	Johnson Controls, Inc.	\$35,118	\$39,122	75,448		\$13,142	2.7		
		Web-Based Monitoring			\$10,000							
Hollister-Gilroy Area	131629	Lighting Upgrade					\$18,417	\$92,394	33,523	422	\$6,041	3.0
		HVAC Upgrade			\$101,810							
Madera Area	131630	Web-Based Monitoring					\$10,000	\$27,451	38,988		\$6,791	3.3
		Lighting Upgrade			\$22,214							
Merced Area	131631	Web-Based Monitoring					\$10,000	\$219,745	158,131	405	\$27,545	1.0
		Lighting Upgrade			\$26,682							
Modesto Area	131632	HVAC Upgrade					\$216,146	\$135,878	68,417	1,250	\$12,364	17.5
		Web-Based Monitoring			\$10,000							
Oakland Area	131633	Lighting Upgrade					\$46,656	\$46,389	119,777		\$14,674	3.2
		Web-Based Monitoring			\$10,000							
Redwood City Area	131634	Lighting Upgrade					\$43,060	\$28,333	44,109		\$7,683	3.0
		Web-Based Monitoring			\$10,000							
San Jose Area	131635	Lighting Upgrade			\$23,323	\$29,541	82,777		\$14,419	1.8		
		Web-Based Monitoring	\$10,000									
South Los Angeles Area	131636	Lighting Upgrade			\$26,620	\$45,815	137,410		\$16,064	2.6		
		Web-Based Monitoring	\$10,000									
West Los Angeles Area	131637	Lighting Upgrade			\$42,434	\$37,127	82,806		\$9,466	2.1		
		Web-Based Monitoring	\$10,000									
Yuba-Sutter Area	131638	Lighting Upgrade			\$19,421	\$134,387	41,801	181	\$7,281	2.5		
		HVAC Upgrade	\$68,786									
		Rezone HVAC			\$51,285				\$3,235	21.3		
		Web-Based Monitoring			\$10,000							
Total CHP			\$1,848,511		\$1,589,534	\$1,351,277	1,493,176	2,258	\$227,338	8.1		
Department of Developmental Services - Loan 120												
Fairview	131596	Lighting Upgrade	\$4,993,118	Johnson Controls, Inc.	\$1,353,891	\$1,033,563	2,101,987		\$257,624	5.3		
		Web-Based Monitoring			\$10,000							
Sonoma	131597	Lighting Upgrade					\$1,214,036	\$1,730,628	865,790	27,778	\$161,865	7.5
		HVAC Upgrade - Nelson			\$618,634							
Porterville	131598	HVAC Upgrade - EJOR					\$615,360	\$240,270	1,069,858	79,560	\$139,020	5.1
		Web-Based Monitoring			\$10,000							
		HVAC - VAV Conversion					\$711,991					
		Web-Based Monitoring					\$10,000					
Total DDS					\$4,993,118		\$4,543,912	\$3,004,461	5,332,560	115,674	\$825,884	6.0
Department of Mental Health												
DMH - Loan 108												
Atascadero	131599	Lighting Upgrade			\$673,297	Johnson Controls, Inc.	\$352,466	\$337,247	572,066		\$68,648	5.1
		Web-Based Monitoring					\$10,000					
DMH - Loan 110												
Patton	131600	Lighting Upgrade	\$399,790	Johnson Controls, Inc.	\$606,854	\$324,344	405,692		\$48,827	12.4		
		Web-Based Monitoring			\$10,000							
Total DMH			\$1,073,087		\$979,320	\$661,591	977,758		\$117,475	9.1		
Department of Water Resources - Loan 118												
Bryte Chemical Lab	131592	Lighting Upgrade	\$931,965	Johnson Controls, Inc.	\$71,742	\$155,265	76,415	9,171	\$11,497	6.2		
		HVAC Upgrade			\$310,961							
Oroville Visitors Center	131593	Web-Based Monitoring					\$10,000	\$74,751	22,571	1,400	\$34,803	8.9
		Lighting Upgrade			\$46,563							
Romero Overlook	131594	HVAC Upgrade					\$57,873	\$43,162	28,937		\$3,747	12.4
		Web-Based Monitoring			\$10,000							
Vista Del Lago	131595	Lighting Upgrade					\$1,126	\$191,039	17,628		\$2,914	0.4
		HVAC Upgrade			\$99,927							
		Web-Based Monitoring					\$10,000		13,659		\$2,258	44.3
		Lighting Upgrade					\$130,899		114,004		\$15,603	8.4
		HVAC Upgrade					\$70,000		59,057		\$8,083	8.7
		Web-Based Monitoring					\$10,000					
Total DWR					\$931,965		\$829,091	\$464,217	503,021	10,571	\$84,623	11.0
Total Small Buildings Program					\$10,171,046		\$9,051,065	\$6,432,184	9,027,543	130,245	\$1,362,458	7.5

*The ARRA-funded loan amount includes all project costs (construction cost, construction contingency, A/E costs, loan administration costs).

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Projects in Progress
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Project/Building	DGS Project #	Energy Measure	ARRA-Funded Loan Amount*	Contractor	Construction Contract Cost	Amount Disbursed to Date	Annual Savings			Simple Payback (years)				
							kWh	Therms	Dollars					
LARGE BUILDINGS PROGRAM														
Department of General Services - Loan 101														
Secretary of State	130440	Replace chiller	\$706,240		\$296,166	\$457,599	377,735		\$33,230	8.9				
		Lighting controls					\$273,516		297,528		\$26,778	10.2		
		Replace air filters					\$29,593		230,035		\$19,100	1.5		
		Clean coils					\$29,324		110,897		\$9,439	3.1		
Bateson	130442	Lighting controls	\$247,004		\$205,431	\$211,289	355,867		\$32,027	6.4				
		Replace air filters					\$14,731		72,812		\$6,729	2.2		
		Clean coils					\$14,604		130,590		\$11,063	1.3		
Jesse Unruh	130443	Lighting controls and variable fan drives	\$281,270	Cogent Energy, Inc.	\$224,918	\$304,141	206,180		\$18,556	12.1				
		Replace air filters					\$91,870		93,155		\$9,013	10.2		
		Clean coils					\$21,146		75,252		\$6,026	3.5		
BOE	131674	Lighting upgrade	\$2,293,008		\$970,461	\$1,591,483	1,264,428		\$126,442	7.7				
		VFD retrofit					\$650,486		708,989		\$70,625	9.2		
		VAV optimization					\$300,015		331,124	14,352	\$52,839	5.7		
		DW pumps installation					\$35,350		40,585		\$4,464	7.9		
		Water valve replacement					\$55,953		69,883	7,425	\$15,400	3.6		
		Boiler retrofit					\$138,275		29,198	6,746	\$11,507	12.0		
Bonderson	131071	Lighting retrofit	\$587,090	Smartwatt	\$549,067	\$552,805	476,073		\$47,607	11.5				
Mission Valley	131072	Exterior lighting retrofit	\$169,933	Smartwatt	\$51,480	\$34,709	46,594		\$6,243	8.2				
CalTrans District 11	131073	Exterior lighting retrofit				\$109,275	\$86,625	78,582		\$11,268	9.7			
Fresno State Office Building	131062	Optimum start routine for chiller and boiler	\$415,335	Enovity, Inc.	\$9,360	\$168,671	19,274		\$3,007	3.1				
		Reset condenser water temperature					\$11,115		26,500		\$4,153	2.7		
		Optimum stop routine					\$9,945		3,800		\$1,781	5.6		
		Chilled Water Reset					\$9,945		7,650	478	\$2,090	4.8		
		Variable air volume (VAV) air handlers					\$193,050		121,602	2,385	\$21,904	8.8		
		Chiller retrofit					\$181,350		64,600		\$10,888	16.7		
CA Energy Commission	130441	De-lamp perimeter lights	\$179,000	Enovity, Inc.	\$1,100	\$170,000	22,100		\$2,210	0.5				
		Reschedule air handler					\$1,000		9,100		\$783	1.3		
		Reschedule hot water pump					\$200		700		\$60	3.3		
		Reschedule fans					\$500		3,800		\$327	1.5		
		Occupancy sensor on hearing room air handler					\$4,000		15,600		\$1,342	3.0		
		Night cooling					\$5,882		34,900		\$3,001	2.0		
		Occupancy sensor for lighting					\$155,000		85,000	0	\$7,310	21.2		
CalTrans District 11	131695	Chiller replacement	\$1,049,011	Johnson Controls, Inc.	\$974,106	\$538,740	405,830	29,507	\$80,268	12.1				
Total Loan 101			\$5,927,891		\$5,618,214	\$4,116,063	5,815,763	60,893	\$657,480	9.0				
Office of Fleet and Asset Management - Loan 104														
Parking Lot 8	131066	Lighting retrofits	\$554,898	Smartwatt	\$499,093		\$22,086							
Parking Lot 14	131067							\$97,933						
Parking Lot 38	131068							\$51,177		761,436			\$116,350	4.8
Parking Lot 50	131069							\$119,072						
Parking Lot 55	131070							\$176,894						
Total DGS/OFAM			\$554,898		\$499,093	\$467,163	761,436		\$116,350	4.8				
California Highway Patrol - Loan 106														
CHP Headquarters	131074	Lighting retrofit	\$157,080	Smartwatt	\$146,200	\$106,795	202,302		\$18,675	8.4				
Total CHP			\$157,080		\$146,200	\$106,795	202,302		\$18,675	8.4				
TOTAL LARGE BUILDINGS PROGRAM			\$6,639,869		\$6,263,507	\$4,690,020	5,409,933	40,587	\$577,212	11.5				

*The ARRA-funded loan amount includes all project costs (construction cost, construction contingency, A/E costs, loan administration costs).

**ARRA Energy Efficient State Property Revolving Fund
Projects in Progress
Revised August 17, 2011**

Project/Building	DGS Project #	Energy Measure	ARRA-Funded Loan Amount*	Contractor	Construction Contract Cost	Amount Disbursed to Date	Annual Savings			Simple Payback (years)
							kWh	Therms	Dollars	
CA DEPARTMENT OF CORRECTIONS AND REHABILITATION PROJECTS										
CDCR Loan 102										
Tehachapi	131846	Install boilers	\$786,400	Aircon Energy, Inc.	\$786,400	\$420,582	430,116	345,322	\$317,746	2.5
Soledad Valley State Prison	113847	Lighting upgrades	\$1,416,259	Aircon Energy, Inc.	\$136,285	\$525,353	441,058		\$39,695	3.4
		Replace water heaters			\$431,257		168,529	95,799	\$95,543	4.5
Lighting retrofit	\$81,930	258,148		\$23,223	3.5					
Salinas Correctional Training Facility	131848	Replace boilers	\$1,906,339	Aircon Energy, Inc.	\$405,846	\$15,725		222,983	\$187,083	2.2
		Lighting retrofit			\$181,460		687,183	\$164,923	1.1	
		Upgrade air controls			\$106,790		8,900	38	\$833	128.2
Corcoran State Prison	131849	Expand energy mgmt system	\$1,906,339	Trane Company	\$510,072	\$471,076	2,190,874	61,468	\$247,930	2.1
		Programmable thermostats			\$23,998		362,889	\$33,023	0.7	
		Variable fan drives			\$229,997		83,844	5,438	\$11,926	19.3
		Lighting upgrade		\$1,142,272	1,982,859		0	\$180,440	6.3	
Total Loan 102			\$4,108,998		\$4,036,307	\$1,432,736	6,184,284	385,726	\$984,619	4.2
Corcoran Treatment Center	131850	HVAC Controls	\$745,094	Trane Company	\$745,094	\$229,148	5,413,745	49,944	\$532,107	1.4
		Outside Lighting Controls								
Norco Rehabilitation	131851	Boiler Replacement	\$767,307	Trane Company	\$767,307	\$559,698	45,505	220,980	\$161,606	4.7
Total Loan 124			\$1,512,401		\$1,512,401	\$788,846	5,459,250	270,924	\$693,713	2.2
TOTAL CDCR			\$5,621,399		\$5,548,708	\$2,221,582	11,643,534	656,650	\$1,678,332	3.3
OFFICE OF THE CHIEF INFORMATION OFFICER										
OCIO - Loan 112										
Gold Camp Data Center	130492	CRAC Units Upgrade	\$2,299,562	ABM, Inc.	\$1,246,080	\$26,799	1,535,265		\$132,769	9.4
		Chiller Upgrade			\$351,000		1,244,700	\$107,856	3.3	
		Cooling Towers			\$268,000		1,140,000	\$98,873	2.7	
		Lighting Upgrade			\$246,000		214,445	\$19,556	12.6	
TOTAL OCIO			\$2,299,562		\$2,111,080	\$26,799	4,134,410		\$359,054	6.4
ADMINISTRATION			\$268,124							
PROGRAM INCOME EARNED FROM THE SURPLUS MONEY INVESTMENT FUND (SMIF)			\$132,022			\$275,237				
LOAN FUND PROGRAM TOTALS			\$25,132,022		\$22,974,360	\$13,645,822	30,215,420	827,482	\$3,977,056	6.3

*The ARRA-funded loan amount includes all project costs (construction cost, construction contingency, A/E costs, loan administration costs).