



Energy Efficient State Property Revolving Fund Loan Program

American Reinvestment and Recovery Act



Executive Summary July 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

- Lighting retrofits at all California Highway Patrol and Department of Motor Vehicles field offices (eighteen in each department) are complete. Only two heating, ventilation, and air conditioning (HVAC) upgrades (one at each department) remain unfinished. Work at both departments will be completed by next month.
- 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 mid-August.
- Lighting retrofits compatible with the needs of Department of Developmental Services' clients will begin at three campuses in mid-August. Installation of variable fan drives (VFD) will begin in early August at Sonoma. A similar project at Porterville is undergoing revision.
- At the Department of Water Resources, all four lighting retrofits are complete and three of four HVAC upgrades are underway.

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.
- Two-thirds of the funds allocated to the Large Building Program have been expended.

CDCR & OCIO Managed Projects

- CDCR: All projects are nearing completion.
- OCIO: Over half of the 29 computer room air conditioning (CRAC) units have been installed, the lighting retrofit is complete, and work on the cooling towers and the heat exchangers is expected to begin mid-August.
- Disbursements from the loan fund for these projects occur only after the agencies have paid their contractors and submitted invoices to DGS. To date, these loan recipients have received invoices totaling approximately \$5 million.

Program Management

- 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 \$11,318,451. This is 45 percent of funds allocated to this program.



Energy Efficient State Property Revolving Loan Program

7/21/2011

Program/Loan Agreement	Loan Amt	Vendors	Jobs*	Disbursed
DGS Large Buildings Program				
Loan 101 DGS amendment	\$5,927,891	Various	64.0	\$3,771,861
Loan 104-OFAM	\$554,898	SmartWatt	6.0	\$467,163
Loan 106-CHP	\$157,080	SmartWatt	1.7	\$102,907
Total	\$6,639,869			\$4,341,931

Past 30-Day Activities (July - 2011)

Loan 101: C: 02/10 - 04/12. This loan package is comprised of energy efficient projects in 9 buildings.

BOE - 70% complete. Lighting upgrade complete; the installation of variable frequency drives on the chiller is 95% complete; the optimization of controls is 50% complete; chilled water valves replacement is 100% complete.

Bateson - 95% complete. Filter replacement and coil cleaning completed; lighting upgrade approximately 95% 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 July 11, 2011, BPM and the contractor SmartWatt have completed the inspection and M&V process. Review of final invoice is underway. Project due to be completed and closed by the end of July.

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

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

Cal Trans District 11 - 20% complete. JCI design for chiller retrofit has been reviewed by DGS and JCI is incorporating comments. Construction underway; estimated completion date of October 31, 2011.

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 July 11, 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 and close out for this project is complete.

Loan 106: CHP HQ. 50% complete. As of July 11, 2011, BPM and the contractor SmartWatt continuing the lighting retrofit project at CHP Headquarters, projected completion by the end of July. The Inspection and M&V process tentatively scheduled for July-August.

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	\$1,316,575
Loan 116-DMV	\$1,324,365	JCI	14.3	\$883,923
Loan 118-DWR	\$931,965	JCI	10.1	\$450,886
Loan 120-DDS	\$4,993,118	JCI	53.9	\$2,882,274
Total	\$10,171,046			\$6,195,249

Past 30-Day Activities (July - 2011)

Loan 108: DMH, Atascadero. C:2/11 - 11/11; 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-August, 2011.

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

Loan 114: CHP (18 sites). C: 12/10 - 8/11; 90% complete. All eighteen interior and exterior lighting retrofits completed; punch list items being worked on. Seven out of eight HVAC installations completed.

Loan 116: DMV (18 sites). C: 12/10- 7/11; 90% complete. All eighteen interior and exterior lighting retrofits completed; punch list items being worked on. Two out of three HVAC installations complete.

Loan 118: DWR (4 sites). C: 12/10 - 8/11; 75% complete. All four interior lighting retrofits completed. Two of three exterior lighting retrofits completed. Vista Del Lago HVAC completed; Bryte HVAC scheduled to begin early August pending resolution of additional Concrete Lab a/c unit; Romero HVAC underway.

Loan 120: DDS (3 campuses). C:1/11 - 12/11; 15% 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 scheduled to begin August 1, 2011 (mock-up approved; lamp holder replacement being examined). Sonoma VFD installation 55% complete; Porterville VFD installation delayed due to utility pre-construction site visit and the client identifying funding for additional requested work; anticipated start July 25, 2011.

CDCR Energy Retrofits

Loan 102 CDCR	\$4,108,998	CDCR ESCO	44.4	\$476,071
Loan 124 CDCR	\$1,512,401	CDCR ESCO	16.3	\$4,500

Past 30-Day Activities (July - 2011)

Loan 102: CCI Tehachapi, Salinas Valley, and Corcoran State Prisons. C: 9/10 - 8/11; this project is being managed by CDCR. Salinas Valley State Prison –80% complete. Tehachapi Correctional Institute – 85% complete. Corcoran State Prison EMS Project – 99% complete. Corcoran lighting construction is 100% 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
Office of Chief Information Officer Energy Retrofits				
Loan 112-OCIO	\$2,299,562	ABM	24.8	\$26,799

Past 30-Day Activities (July - 2011)
Gold Camp C: 12/10 - 12/11; 55% complete. Arrival and installation of the computer room air conditioning (CRAC) units began the last week of March (four per month; 29 total). Contract for modifications to the cooling towers and the heat exchangers has been executed; materials on order; installation estimated to begin August 15, 2011. Lighting retrofit 100% complete. This project managed by the OCIO.

Administration	\$400,146	DGS	4.3	\$273,901
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Past 30-Day Activities (July 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 *	\$11,318,451
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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 July 19, 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																																																																									
Arieta 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						\$65,033	45,996		\$8,000	7.9																																																										
		Web-Based Monitoring			\$10,000																																																																				
El Cajon	131603	Lighting Upgrade			\$12,214											\$18,231	34,065		\$6,295	1.9																																																					
		Web-Based Monitoring			\$10,000																																																																				
Hanford	131604	Lighting Upgrade			\$21,433																\$26,601	18,707		\$2,285	9.4																																																
		Web-Based Monitoring			\$10,000																																																																				
Hollister	131605	Lighting Upgrade			\$5,582																					\$12,958	11,490		\$2,053	2.7																																											
		Web-Based Monitoring			\$10,000																																																																				
Merced	131606	Lighting Upgrade			\$46,172																										\$49,541	39,651		\$6,060	7.6																																						
		Web-Based Monitoring			\$10,000																																																																				
Modesto	131607	Lighting Upgrade			\$16,127																															\$21,746	30,068		\$3,307	4.9																																	
		Web-Based Monitoring			\$10,000																																																																				
Mountain View	131608	Lighting Upgrade			\$20,989																																				\$26,194	32,983		\$5,218	4.0																												
		Web-Based Monitoring			\$10,000																																																																				
Oakland Claremont	131609	Lighting Upgrade			\$59,993																																									\$61,882	57,199		\$8,993	6.7																							
		Web-Based Monitoring			\$10,000																																																																				
Oakland Coliseum	131610	Lighting Upgrade			\$52,468																																														\$55,345	37,350		\$5,479	9.6																		
		Web-Based Monitoring			\$10,000																																																																				
Redwood City	131611	Lighting Upgrade			\$58,704																																																			\$61,095	41,468		\$6,494	9.0													
		Web-Based Monitoring			\$10,000																																																																				
Sacramento	131612	Lighting Upgrade			\$24,416																																																								\$157,659	24,621	776	\$2,868	8.5								
		HVAC Upgrade			\$209,386																																																													\$7,017	29.8						
		Web-Based Monitoring			\$10,000																																																																				
San Diego	131613	Lighting Upgrade			\$43,507																																																															\$37,809	41,654		\$7,543	5.8	
		Web-Based Monitoring			\$10,000																																																																				
San Mateo	131614	Lighting Upgrade			\$17,519																																																																				\$23,123
		Web-Based Monitoring	\$10,000																																																																						
Turlock	131615	Lighting Upgrade	\$26,668	\$78,818	36,099	253	\$3,913	6.8																																																																	
		HVAC Upgrade	\$76,410						\$1,700	44.9																																																															
		Web-Based Monitoring	\$10,000																																																																						
Visalia	131616	Lighting Upgrade	\$23,380								\$28,400	40,494		\$4,564	5.1																																																										
		Web-Based Monitoring	\$10,000																																																																						
Watsonville	131617	Lighting Upgrade	\$8,747													\$15,035	13,414		\$2,365	3.7																																																					
		Web-Based Monitoring	\$10,000																																																																						
Yuba City	131618	Lighting Upgrade	\$10,960																		\$87,716	20,391		\$3,538	3.1																																																
		HVAC Upgrade	\$76,724																							25,416	713	\$4,895	15.7																																												
		Web-Based Monitoring	\$10,000																																																																						
Total DMV			\$1,324,365																											\$1,109,208	\$883,923	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						10,723	\$1,245	87.3																																		
		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																			12,706	\$2,213	17.1																					
		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	6,992	\$1,110	49.5																																																																		
		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 July 19, 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				\$6,041	3.0							
		HVAC Upgrade										\$101,810	\$57,692	14,435	422	\$3,064	33.2							
Madera Area	131630	Web-Based Monitoring										\$10,000												
		Lighting Upgrade										\$22,214	\$27,451	38,988		\$6,791	3.3							
Merced Area	131631	Web-Based Monitoring										\$10,000												
		Lighting Upgrade										\$26,682				\$27,545	1.0							
Modesto Area	131632	HVAC Upgrade										\$216,146	\$219,745	158,131	405	\$12,364	17.5							
		Web-Based Monitoring										\$10,000												
Oakland Area	131633	Lighting Upgrade										\$46,656				\$14,674	3.2							
		Web-Based Monitoring										\$93,392	\$135,878	27,410	1,250	\$4,680	20.0							
Redwood City Area	131634	HVAC Upgrade										\$10,000												
		Lighting Upgrade										\$43,060	\$46,389	119,777		\$20,864	2.1							
San Jose Area	131635	Web-Based Monitoring										\$10,000												
		Lighting Upgrade										\$23,323	\$28,333	44,109		\$7,683	3.0							
South Los Angeles Area	131636	Web-Based Monitoring										\$10,000												
		Lighting Upgrade										\$26,620	\$29,541	82,777		\$14,419	1.8							
West Los Angeles Area	131637	Web-Based Monitoring										\$10,000												
		Lighting Upgrade										\$42,434	\$45,815	137,410		\$16,064	2.6							
Yuba-Sutter Area	131638	Web-Based Monitoring			\$10,000																			
		Lighting Upgrade			\$19,421	\$37,127	82,806		\$9,466	2.1														
		Rezone HVAC			\$51,286																			
		Web-Based Monitoring			\$10,000																			
		Lighting Upgrade			\$18,274				\$7,281	2.5														
		HVAC Upgrade			\$68,786	\$134,387	17,351	181	\$3,235	21.3														
		Rezone HVAC			\$1,285																			
		Web-Based Monitoring			\$10,000																			
Total CHP			\$1,848,511		\$1,589,534	\$1,316,575	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	\$978,689	2,101,987		\$257,624	5.3														
		Web-Based Monitoring			\$10,000																			
Porterville	131597	HVAC - VAV Conversion										\$711,991	\$828,838	1,069,858	79,560	\$139,020	5.1							
		Web-Based Monitoring										\$10,000												
Sonoma	131598	Lighting Upgrade										\$1,214,036				\$161,865	7.5							
		HVAC Upgrade - Nelson										\$618,634	\$1,074,747	865,790	27,778	\$116,700	5.3							
		HVAC Upgrade - EJOR										\$615,360				\$150,675	4.1							
		Web-Based Monitoring										\$10,000												
		Web-Based Monitoring										\$10,000												
Total DDS					\$4,993,118							\$4,543,912	\$2,882,274	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																	\$606,854				\$48,827	12.4
		Web-Based Monitoring																	\$10,000	\$324,344	405,692			
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				\$34,803									8.9					
		Lighting Upgrade				\$46,563	\$74,751	22,571		\$3,747									12.4					
Romero Overlook	131594	HVAC Upgrade				\$57,873				\$5,718									10.1					
		Web-Based Monitoring				\$10,000																		
Vista Del Lago	131595	Lighting Upgrade				\$1,126				\$2,914									0.4					
		HVAC Upgrade				\$99,927	\$43,162	17,628		\$2,258									44.3					
		Web-Based Monitoring				\$10,000																		
		Lighting Upgrade				\$130,899				\$15,603									8.4					
		HVAC Upgrade				\$70,000	\$177,708	114,004		\$8,083									8.7					
		Web-Based Monitoring				\$10,000																		
Total DWR			\$931,965			\$829,091	\$450,886	503,021	10,571	\$84,623									11.0					
Total Small Buildings Program			\$10,171,046		\$9,051,065	\$6,195,249	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
Revised July 19, 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		
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		110,697		\$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	3.6	
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	\$194,538
Total Loan 101			\$5,927,891		\$5,618,214	\$3,771,861	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	\$467,163	761,436		\$116,350	4.8	
Parking Lot 14	131067										\$22,086
Parking Lot 38	131068										\$97,933
Parking Lot 50	131069										\$51,177
Parking Lot 55	131070										\$119,072
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	\$102,907	202,302		\$18,675	8.4	
Total CHP			\$157,080		\$146,200	\$102,907	202,302		\$18,675	8.4	
TOTAL LARGE BUILDINGS PROGRAM			\$6,639,869		\$6,263,507	\$4,341,931	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 July 19, 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		430,116	345,322	\$317,746	2.5
Soledad Valley State Prison	113847	Lighting upgrades	\$1,416,259	Aircon Energy, Inc.	\$136,285		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	\$1,416,259	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	\$460,346	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	\$476,071	6,184,284	385,726	\$984,619	4.2
CDCR Loan 124										
Corcoran Treatment Center	131850	HVAC Controls Outside Lighting Controls	\$745,094	Trane Company	\$745,094		5,413,745	49,944	\$532,107	1.4
Norco Rehabilitation	131851	Boiler Replacement	\$767,307	Trane Company	\$767,307	\$4,500	45,505	220,980	\$161,606	4.7
Total Loan 124			\$1,512,401		\$1,512,401	\$4,500	5,459,250	270,924	\$693,713	2.2
TOTAL CDCR			\$5,621,399		\$5,548,708	\$480,571	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			\$273,901				
LOAN FUND PROGRAM TOTALS			\$25,132,022		\$22,974,360	\$11,318,451	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).