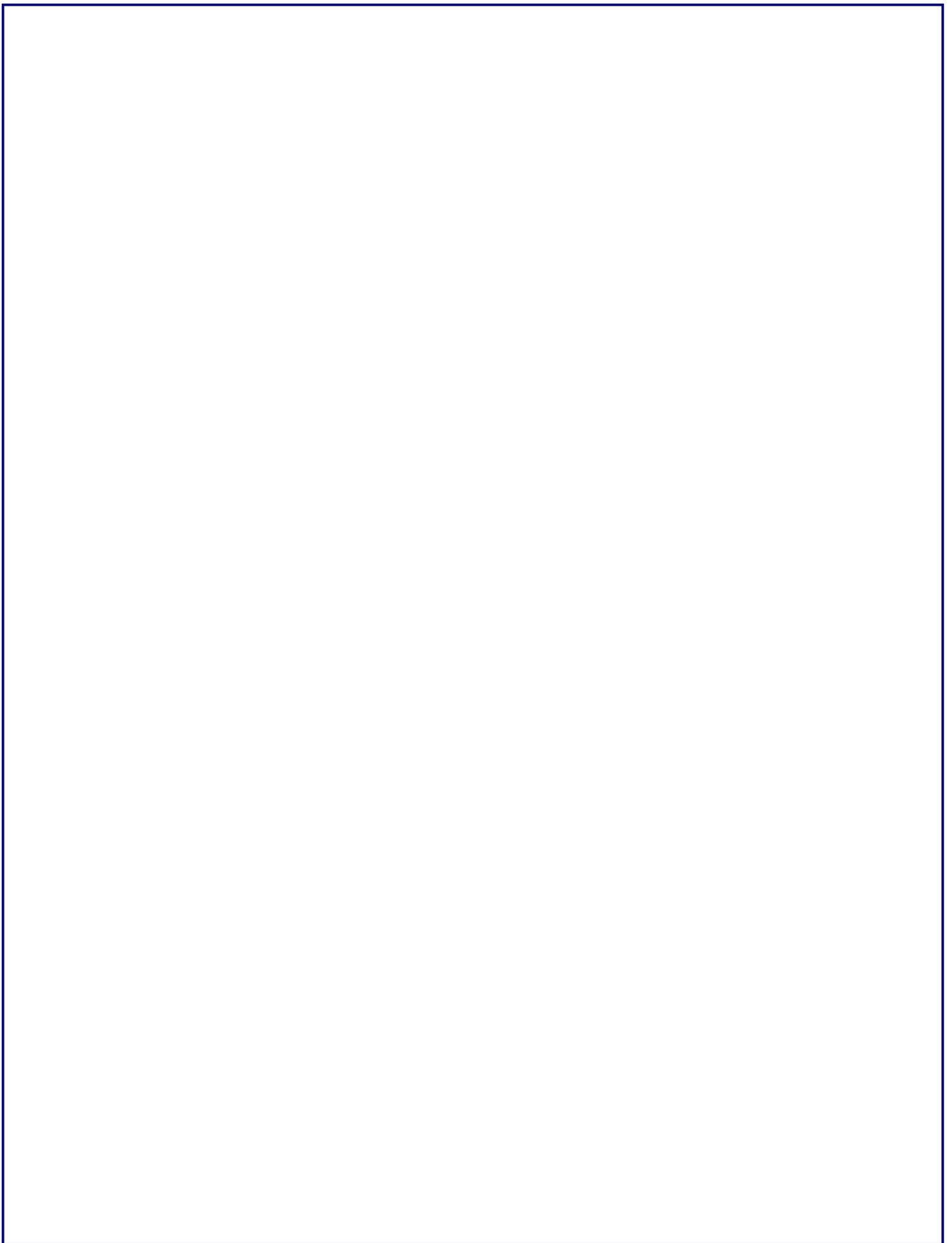




# Energy Efficient State Property Revolving Fund Loan Program

American Reinvestment and Recovery Act





## Executive Summary February 2012

The Department of General Services (DGS) and its contractors have completed almost all of the energy efficiency retrofits in sixty-two state-owned facilities and five parking lots.

### ✚ Small Building Program

- Forty of forty-five projects at various agencies are complete. Measurement and verification studies are underway.
- The five projects that are still in the process of completion will be completed in March. Measurement and verification and payment processing will be completed before the March 31 deadline.
- At the Department of Developmental Services, the installation of variable fan drives (VFDs) at Sonoma is nearing completion, and at Porterville, this work will be completed in mid-March. The lighting retrofit at Fairview is complete, and the lighting upgrades at Sonoma will be completed in mid-March.
- At the Department of Water Resources, an HVAC retrofit is all that remains uncompleted. It will be finished in March.
- The lighting upgrade at Atascadero State Hospital will be completed in mid-March.

### ✚ Large Building Program

- All but two projects are completed and undergoing measurements of energy savings.
- Two chiller projects are in progress with work on controls still underway.

### ✚ CDCR & OCIO Managed Projects

- CDCR: All projects are nearing completion. Final invoices will be submitted to DGS in mid-March.
- OCIO: All work is complete. Commissioning was finalized on January 23, 2012. Final invoices are in the initial stage of processing.

### ✚ Program Management

- On September 9, 2011, the Legislature amended AB 1392 authorizing the CEC to transfer up to \$50 million to the Energy Efficient State Property Revolving Fund for FYs 2011-12 and 2012-13. This is in addition to the \$25 million transferred in FY2009-10. The CEC has secured a positive opinion from the Department of Energy that transfers of ARRA funds to sub-grantees (such as DGS) are considered “spent” for purposes of complying with the April 30, 2012 deadline for expenditure. The transfer of funds will take place in April 2012.
- 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 \$18,785,408. This is 75 percent of funds allocated to this program.



Energy Efficient State Property Revolving Loan Program

2/23/2012

Program/Loan Agreement	Loan Amt	Vendors	Jobs*	Disbursed
<b>DGS Large Buildings Program</b>				
Loan 101 DGS amendment	\$5,927,891	Various	64.0	\$4,872,144
Loan 104-OFAM	\$554,898	SmartWatt	6.0	\$467,163
Loan 106-CHP	\$157,080	SmartWatt	1.7	\$116,625
<b>Total</b>	<b>\$6,639,869</b>			<b>\$5,455,932</b>

**Past 30-Day Activities (February - 2012)**

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

**BOE:** 99% complete. Lighting upgrade complete; the installation of variable frequency drives on the chiller is 100% complete; the optimization of controls is 99% complete; Measurement and Verification (M&V) underway; chilled water valves replacement is 100% complete. Expanded scope to upgrade boiler burners 100% complete.

**Bateson:** 100% complete. Filter replacement and coil cleaning 100% complete; lighting upgrade approximately 100% complete.

**CEC:** 100% complete. Controls upgrade for Air Handling Units, hot water recirculation pumps, exhaust fans, and night cooling is complete; occupancy sensor issues have been resolved and lighting controls update is now complete; project closeout February 2011.

**Bonderson Building:** As of January 23, 2012, 100% complete, DGS is continuing the Certification and Finalization process for close out of this project.

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

**San Diego (Cal Trans District 11 and Mission Valley):** As of January 23, 2012, 100% complete, DGS is continuing the Certification and Finalization process for close out of this project.

**Cal Trans District 11:** 98% complete. JCI design for chiller retrofit is complete. Construction in final stages, awaiting AT&T's fiber optic connection.

**Fresno:** Controls upgrade is 100% complete; design for chiller replacement approved by DGS. New chiller has arrived; construction underway. Substantially completed end of January 2012; commissioning underway.

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

**Loan 104: OFAM Parking Lots:** As of January 23, 2012, 100% complete, DGS is continuing the Certification and Finalization process for close out of this project.

**Loan 106: CHP HQ:** As of January 23, 2012, 100% complete, DGS is continuing the Certification and Finalization process for close out of this project.

Program/Loan Agreement	Loan Amt	Vendors	Jobs*	Disbursed
<b>Small Buildings Program</b>				
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	\$1,439,002
Loan 116-DMV	\$1,324,365	JCI	14.3	\$1,013,484
Loan 118-DWR	\$931,965	JCI	10.1	\$571,634
Loan 120-DDS	\$4,993,118	JCI	53.9	\$3,588,492
<b>Total</b>	<b>\$10,171,046</b>			<b>\$7,274,203</b>

**Past 30-Day Activities (February - 2012)**

**Loan 108: DMH, Atascadero.** C:2/11 - 2/12; 95% complete. Contractor has completed re-auditing due to data entry errors and scope was refined; DMH has approved new scope; construction underway.

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

**Loan 114: CHP (18 sites).** C: 12/10 - 9/11; 100% 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; 100% 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 - 02/12; 95% complete. All four interior lighting retrofits completed. All three exterior lighting retrofits completed. Vista Del Lago HVAC completed; Bryte HVAC underway; Romero HVAC completed.

**Loan 120: DDS (3 campuses).** C:1/11 - 03/12; 75% complete. Lighting retrofit at Fairview substantially complete; Utility acceptance walk end of March 2012. Sonoma lighting installation underway (lamp holder issue resolved); expected completion of original scope mid-March 2012; expected completion of additional exterior lighting scope mid-March 2012. Sonoma VFD installation 99% complete; Porterville VFD installation 60% complete with expected completion mid-March 2012

**CDCR Energy Retrofits**

Loan 102 CDCR	\$4,108,998	CDCR ESCO	44.4	\$3,128,790
Loan 124 CDCR	\$1,512,401	CDCR ESCO	16.3	\$800,231

**Past 30-Day Activities (February - 2012)**

**Loan 102: CCI Tehachapi, Salinas Valley and Corcoran State Prisons:** C: 9/10 - 12/11; C: 9/10 - 12/11; this project is being managed by CDCR. Salinas Valley State Prison – 100% complete. Tehachapi Correctional Institute – 99% complete. Corcoran State Prison EMS Project – 100% 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 – 95% complete. CRC Norco – 100% complete.

Program/Loan Agreement	Loan Amt	Vendors	Jobs*	Disbursed
<b>CA Technology Agency (Office of Chief Information Officer) Energy Retrofits</b>				
Loan 112-OCIO	\$2,299,562	ABM	24.8	\$1,823,433

**Past 30-Day Activities (February - 2012)**  
**Gold Camp C:** 12/10 - 02/12; 100% complete. Installation of the computer room air conditioning (CRAC) units complete. Installation of heat exchanger and VFD's complete; programming underway. Lighting retrofit 100% complete. Commissioning and (M&V) complete. This project managed by the OCIO.

<b>Administration</b>	\$400,146	DGS	4.3	\$302,819
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**Past 30-Day Activities (February - 2012)**  
 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).

<b>Total Program</b>	<b>\$25,132,022</b>		<b>271.4 *</b>	<b>\$18,785,408</b>
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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 February 23, 2012**

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				
<b>SMALL BUILDINGS PROGRAM</b>													
<b>Department of Motor Vehicles - Loan 116</b>													
Arleta Field Office	131601	Lighting Upgrade	\$1,324,365	Johnson Controls, Inc.	\$54,372	\$59,351	45,438		\$5,355	10.2			
		Web-Based Monitoring			\$10,000								
Chula Vista	131602	Lighting Upgrade			\$63,437	\$67,709	45,996		\$8,000	7.9			
		Web-Based Monitoring			\$10,000								
El Cajon	131603	Lighting Upgrade			\$12,214	\$20,481	34,065		\$6,295	1.9			
		Web-Based Monitoring			\$10,000								
Hanford	131604	Lighting Upgrade			\$21,433	\$28,981	18,707		\$2,285	9.4			
		Web-Based Monitoring			\$10,000								
Hollister	131605	Lighting Upgrade			\$5,582	\$14,367	11,490		\$2,053	2.7			
		Web-Based Monitoring			\$10,000								
Merced	131606	Lighting Upgrade			\$46,172	\$51,791	39,651		\$6,060	7.6			
		Web-Based Monitoring			\$10,000								
Modesto	131607	Lighting Upgrade			\$16,127	\$24,089	30,068		\$3,307	4.9			
		Web-Based Monitoring			\$10,000								
Mountain View	131608	Lighting Upgrade			\$20,989	\$28,572	32,983		\$5,218	4.0			
		Web-Based Monitoring			\$10,000								
Oakland Claremont	131609	Lighting Upgrade			\$59,993	\$64,534	57,199		\$8,993	6.7			
		Web-Based Monitoring			\$10,000								
Oakland Coliseum	131610	Lighting Upgrade	\$52,468	\$57,595	37,350		\$5,479	9.6					
		Web-Based Monitoring	\$10,000										
Redwood City	131611	Lighting Upgrade	\$58,704	\$63,345	41,468		\$6,494	9.0					
		Web-Based Monitoring	\$10,000										
Sacramento	131612	Lighting Upgrade	\$24,416	\$224,785	24,621		\$2,868	8.5					
		HVAC Upgrade	\$209,386						56,516	776	\$7,017	29.8	
		Web-Based Monitoring	\$10,000										
San Diego	131613	Lighting Upgrade	\$43,507	\$40,059	41,654		\$7,543	5.8					
		Web-Based Monitoring	\$10,000										
San Mateo	131614	Lighting Upgrade	\$17,519	\$25,373	53,406		\$9,196	1.9					
		Web-Based Monitoring	\$10,000										
Turlock	131615	Lighting Upgrade	\$26,669	\$104,293	36,099		\$3,913	6.8					
		HVAC Upgrade	\$76,410						14,602	253	\$1,700	44.9	
		Web-Based Monitoring	\$10,000										
Visalia	131616	Lighting Upgrade	\$23,380	\$30,776	40,494		\$4,564	5.1					
		Web-Based Monitoring	\$10,000										
Watsonville	131617	Lighting Upgrade	\$8,747	\$17,285	13,414		\$2,365	3.7					
		Web-Based Monitoring	\$10,000										
Yuba City	131618	Lighting Upgrade	\$10,960	\$90,100	20,391		\$3,538	3.1					
		HVAC Upgrade	\$76,724						25,416	713	\$4,895	15.7	
		Web-Based Monitoring	\$10,000										
<b>Total DMV</b>			<b>\$1,324,365</b>		<b>\$1,109,208</b>	<b>\$1,013,484</b>	<b>721,028</b>	<b>1,742</b>	<b>\$107,138</b>	<b>12.4</b>			
<b>CA Highway Patrol - Loan 114</b>													
Altadena Area	131621	Lighting Upgrade	\$16,744		\$124,941	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		\$70,021	92,763		\$10,511	6.3				
		Web-Based Monitoring	\$10,000										
Coalinga Area	131623	Lighting Upgrade	\$20,156		\$110,040	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		\$48,235	43,144		\$8,141	5.2				
		Web-Based Monitoring	\$10,000										
Fort Tejon Area	131625	Lighting Upgrade	\$30,837		\$37,635	33,523		\$4,274	7.2				
		Web-Based Monitoring	\$10,000										
Fresno Area	131626	Lighting Upgrade	\$45,960		\$51,595	97,278		\$13,142	3.5				
		Web-Based Monitoring	\$10,000										
Hanford Area	131627	Lighting Upgrade	\$29,836		\$87,341	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 February 23, 2012**

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	\$41,599	75,448		\$13,142	2.7			
		Web-Based Monitoring			\$10,000								
Hollister-Gilroy Area	131629	Lighting Upgrade			\$18,417	\$120,139	14,435	422		\$6,041	3.0		
		HVAC Upgrade			\$101,810								
Madera Area	131630	Web-Based Monitoring			\$10,000	\$29,701	38,988			\$6,791	3.3		
		Lighting Upgrade			\$22,214								
Merced Area	131631	Web-Based Monitoring			\$10,000	\$233,107	158,131	405		\$27,545	1.0		
		Lighting Upgrade			\$26,682								
Modesto Area	131632	HVAC Upgrade			\$216,146	\$138,344	27,410	1,250		\$4,680	20.0		
		Web-Based Monitoring			\$10,000								
Oakland Area	131633	Lighting Upgrade			\$46,656	\$48,921	119,777			\$20,864	2.1		
		Web-Based Monitoring			\$10,000								
Redwood City Area	131634	Lighting Upgrade			\$43,060	\$30,724	44,109			\$7,683	3.0		
		Web-Based Monitoring			\$10,000								
San Jose Area	131635	Lighting Upgrade	\$26,620	\$33,763	82,777			\$14,419	1.8				
		Web-Based Monitoring	\$10,000										
South Los Angeles Area	131636	Lighting Upgrade	\$42,434	\$45,815	137,410			\$16,064	2.6				
		Web-Based Monitoring	\$10,000										
West Los Angeles Area	131637	Lighting Upgrade	\$19,421	\$50,305	82,806			\$9,466	2.1				
		Rezone HVAC	\$51,286										
Yuba-Sutter Area	131638	Web-Based Monitoring	\$10,000	\$136,774	41,801	181		\$7,281	2.5				
		Lighting Upgrade	\$18,274										
		HVAC Upgrade	\$68,786		17,351			\$3,235	21.3				
		Rezone HVAC	\$1,286										
		Web-Based Monitoring	\$10,000										
<b>Total CHP</b>			<b>\$1,848,511</b>		<b>\$1,589,534</b>	<b>\$1,439,002</b>	<b>1,493,176</b>	<b>2,258</b>	<b>\$227,338</b>	<b>8.1</b>			
<b>Department of Developmental Services - Loan 120</b>													
Fairview	131596	Lighting Upgrade	\$4,993,118	Johnson Controls, Inc.	\$1,353,891	\$1,230,891	2,101,987		\$257,624	5.3			
		Web-Based Monitoring			\$10,000								
Sonoma	131597	Lighting Upgrade			\$1,214,036	\$1,877,856	865,790	27,778	8,336	\$161,865	7.5		
		HVAC Upgrade - Nelson			\$618,634								
Porterville	131598	HVAC Upgrade - EJOR			\$615,360	\$479,745	1,069,858	79,560		\$139,020	5.1		
		Web-Based Monitoring			\$10,000								
		HVAC - VAV Conversion			\$711,991								
		Web-Based Monitoring			\$10,000								
<b>Total DDS</b>					<b>\$4,993,118</b>		<b>\$4,543,912</b>	<b>\$3,588,492</b>	<b>5,332,560</b>	<b>115,674</b>	<b>\$825,884</b>	<b>6.0</b>	
<b>Department of Mental Health</b>													
<b>DMH - Loan 108</b>													
Atascadero	131599	Lighting Upgrade			\$673,297	Johnson Controls, Inc.	\$606,854	\$337,247	572,066		\$68,648	5.1	
		Web-Based Monitoring					\$10,000						
<b>DMH - Loan 110</b>													
Patton	131600	Lighting Upgrade	\$399,790	\$324,344			405,692			\$48,827	12.4		
		Web-Based Monitoring	\$10,000										
<b>Total DMH</b>			<b>\$1,073,087</b>				<b>\$979,320</b>	<b>\$661,591</b>	<b>977,758</b>	<b>\$117,475</b>	<b>9.1</b>		
<b>Department of Water Resources - Loan 118</b>													
Bryte Chemical Lab	131592	Lighting Upgrade	\$931,965	Johnson Controls, Inc.			\$71,742	\$164,017	76,415		\$11,497	6.2	
		Web-Based Monitoring					\$10,000						
Oroville Visitors Center	131593	Lighting Upgrade					\$46,563	\$77,001	22,571	1,400		\$3,747	12.4
		HVAC Upgrade					\$57,873						
Romero Overlook	131594	Web-Based Monitoring					\$10,000	\$103,388	17,628			\$2,914	0.4
		Lighting Upgrade					\$1,126						
Vista Del Lago	131595	HVAC Upgrade					\$99,927	\$227,229	13,659			\$2,258	44.3
		Web-Based Monitoring			\$10,000								
		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								
<b>Total DWR</b>					<b>\$931,965</b>		<b>\$829,091</b>	<b>\$571,634</b>	<b>503,021</b>	<b>10,571</b>	<b>\$84,623</b>	<b>11.0</b>	
<b>Total Small Buildings Program</b>					<b>\$10,171,046</b>		<b>\$9,051,065</b>	<b>\$7,274,203</b>	<b>9,027,543</b>	<b>130,245</b>	<b>\$1,362,458</b>	<b>7.5</b>	

\*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 February 23, 2012**

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	
<b>LARGE BUILDINGS PROGRAM</b>										
<b>Department of General Services - Loan 101</b>										
Secretary of State	130440	Replace chiller	\$635,706		\$269,166	\$457,599	377,735		\$33,230	8.1
		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	\$351,804	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	\$1,897,691	1,264,428		\$126,442	7.7
		VFD retrofit			\$650,486		708,959		\$70,625	9.2
		VAV optimization			\$300,015		331,124	14,352	\$52,839	5.7
		DW pumps installation			\$35,350		40,595		\$4,454	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	\$581,900	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	\$91,184	78,582		\$11,268	9.7
Fresno State Office Building	131062	Optimum start routine for chiller and boiler	\$415,335	Enovity, Inc.	\$9,360	\$293,627	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	\$2,000	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
		De-lamp perimeter lights			\$1,100		22,100		\$2,210	0.5
CA Energy Commission	130441	Reschedule air handler	\$179,000	Enovity, Inc.	\$1,000	\$170,000	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			\$5,000		15,600		\$1,342	3.7
		Night cooling			\$7,200		34,900		\$3,001	2.4
		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	\$830,003	405,830	29,507	\$80,268	12.1
<b>Total Loan 101</b>			<b>\$5,927,891</b>		<b>\$5,593,532</b>	<b>\$4,872,144</b>	<b>5,815,763</b>	<b>60,893</b>	<b>\$657,480</b>	<b>9.0</b>
<b>Office of Fleet and Asset Management - Loan 104</b>										
Parking Lot 8	131066					\$22,086				
Parking Lot 14	131067					\$97,933				
Parking Lot 38	131068	Lighting retrofits	\$554,898	Smartwatt	\$499,093		761,436		\$116,350	4.8
Parking Lot 50	131069					\$119,072				
Parking Lot 55	131070					\$176,894				
<b>Total DGS/OFAM</b>			<b>\$554,898</b>		<b>\$499,093</b>	<b>\$467,163</b>	<b>761,436</b>		<b>\$116,350</b>	<b>4.8</b>
<b>California Highway Patrol - Loan 106</b>										
CHP Headquarters	131074	Lighting retrofit	\$157,080	Smartwatt	\$146,200	\$116,625	202,302		\$18,675	8.4
<b>Total CHP</b>			<b>\$157,080</b>		<b>\$146,200</b>	<b>\$116,625</b>	<b>202,302</b>		<b>\$18,675</b>	<b>8.4</b>
<b>TOTAL LARGE BUILDINGS PROGRAM</b>			<b>\$6,639,869</b>		<b>\$6,238,825</b>	<b>\$5,455,932</b>	<b>5,409,933</b>	<b>40,587</b>	<b>\$577,212</b>	<b>11.5</b>

\*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 February 23, 2012**

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	
<b>CA DEPARTMENT OF CORRECTIONS AND REHABILITATION PROJECTS</b>										
<b>CDCR Loan 102</b>										
Tehachapi	131846	Install boilers	\$786,400	Aircon Energy, Inc.	\$786,400	\$477,800	430,116	345,322	\$317,746	2.5
Soledad Valley State Prison	113847	Lighting upgrades	\$1,416,259	Aircon Energy, Inc.	\$136,285	\$632,841	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	\$341,314		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	\$431,760	\$768,182	2,190,874	61,468	\$247,930	1.7
		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			\$1,220,578		\$908,653	1,982,859	0	\$180,440
<b>Total Loan 102</b>			<b>\$4,108,998</b>		<b>\$4,036,307</b>	<b>\$3,128,790</b>	<b>6,184,284</b>	<b>385,726</b>	<b>\$984,619</b>	<b>4.2</b>
Corcoran Treatment Center	131850	HVAC Controls Outside Lighting Controls	\$745,094	Trane Company	\$745,094	\$232,758	5,413,745	49,944	\$532,107	1.4
Norco Rehabilitation	131851	Boiler Replacement	\$767,307	Trane Company	\$767,307	\$567,473	45,505	220,980	\$161,606	4.7
<b>Total Loan 124</b>			<b>\$1,512,401</b>		<b>\$1,512,401</b>	<b>\$800,231</b>	<b>5,459,250</b>	<b>270,924</b>	<b>\$693,713</b>	<b>2.2</b>
<b>TOTAL CDCR</b>			<b>\$5,621,399</b>		<b>\$5,548,708</b>	<b>\$3,929,021</b>	<b>11,643,534</b>	<b>656,650</b>	<b>\$1,678,332</b>	<b>3.3</b>
<b>OFFICE OF THE CHIEF INFORMATION OFFICER</b>										
<b>OCIO - Loan 112</b>										
Gold Camp Data Center	130492	CRAC Units Upgrade	\$2,299,562	ABM, Inc.	\$1,246,080	\$1,823,433	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
<b>TOTAL OCIO</b>			<b>\$2,299,562</b>		<b>\$2,111,080</b>	<b>\$1,823,433</b>	<b>4,134,410</b>		<b>\$359,054</b>	<b>6.4</b>
<b>ADMINISTRATION</b>			<b>\$268,124</b>							
<b>PROGRAM INCOME EARNED FROM THE SURPLUS MONEY INVESTMENT FUND (SMIF)</b>			<b>\$132,022</b>			<b>\$302,819</b>				
<b>LOAN FUND PROGRAM TOTALS</b>			<b>\$25,132,022</b>		<b>\$22,949,678</b>	<b>\$18,785,408</b>	<b>30,215,420</b>	<b>827,482</b>	<b>\$3,977,056</b>	<b>6.3</b>

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