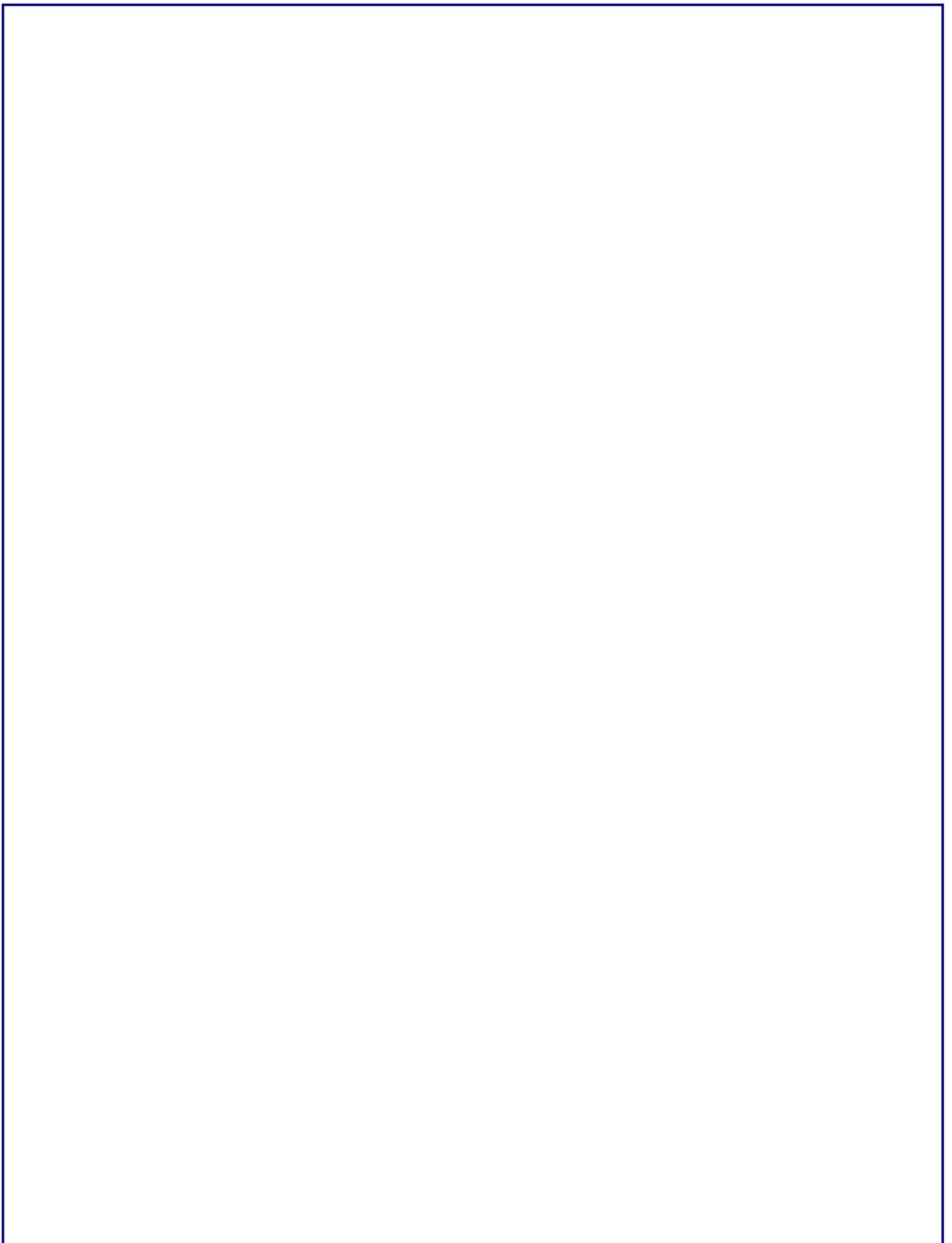




# Energy Efficient State Property Revolving Fund Loan Program

American Reinvestment and Recovery Act





## Executive Summary January 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 February or early 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 is underway. 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 at the Bryte Chemical Laboratory is all that remains uncompleted. It will be finished in February.
- The lighting upgrade at Atascadero State Hospital will be completed in late February or early 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-February.
- Technology Agency (formerly OCIO): All work is complete. Commissioning was finalized on January 23, 2012. Final invoices are in the initial stage of processing.
- The pending disbursements to CDCR and the Technology Agency, approximately \$1.9 million, may take up to six weeks to be completed.

### ✚ Program Management

- On September 9, 2011, the Legislature amended AB 1392, authorizing the CEC to transfer an undetermined amount of additional funds not to exceed \$50 million, to the Energy Efficient State Property Revolving Fund for FYs 2011-12 and 2012-13. 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 \$18,612,024. This is 74 percent of funds allocated to this program. The funds remaining unspent consist primarily of contract retentions and some contingency funds. As the March 31 deadline for disbursement approaches, project closeouts will take place and these funds will be disbursed prior to the deadline.



Energy Efficient State Property Revolving Loan Program

1/23/2012

Program/Loan Agreement	Loan Amt	Vendors	Jobs*	Disbursed
<b>DGS Large Buildings Program</b>				
Loan 101 DGS amendment	\$5,927,891	Various	64.0	\$4,858,096
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>\$5,441,884</b>

**Past 30-Day Activities (January - 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 98% complete; 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 is 50% complete. Expected completion date end of January 2012.

**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	\$528,729
Loan 120-DDS	\$4,993,118	JCI	53.9	\$3,488,309
<b>Total</b>	<b>\$10,171,046</b>			<b>\$7,131,115</b>

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

**Loan 108: DMH, Atascadero.** C:2/11 - 2/12; 60% 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; 90% complete. Construction duration December 2010 – January 2012; 90% 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; 65% complete. Lighting retrofit at Fairview substantially complete; final walk thru schedule for January 25, 2012. Sonoma lighting installation underway (lamp holder issue resolved); expected completion of original scope end of February 2012; expected completion of additional exterior lighting scope mid-March 2012. Sonoma VFD installation 99% complete; Porterville VFD installation 40% complete.

**CDCR Energy Retrofits**

Loan 102 CDCR	\$4,108,998	CDCR ESCO	44.4	\$3,112,541
Loan 124 CDCR	\$1,512,401	CDCR ESCO	16.3	\$800,231

**Past 30-Day Activities (January - 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.

<b>Program/Loan Agreement</b>	<b>Loan Amt</b>	<b>Vendors</b>	<b>Jobs*</b>	<b>Disbursed</b>
<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 (January - 2012)**

**Gold Camp C:** 12/10 - 02/12; 98% complete. Installation of the computer room air conditioning (CRAC) units complete. Installation of heat exchanger and VFD's complete. Lighting retrofit 100% complete. Project being commissioned. This project managed by the OCIO.

<b>Administration</b>	\$400,146	DGS	4.3	\$302,819
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**Past 30-Day Activities (January - 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>\$18,612,023</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 January 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	776	\$2,868	8.5		
		HVAC Upgrade	\$209,386							
		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	253	\$3,913	6.8		
		HVAC Upgrade	\$76,410							
		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	713	\$3,538	3.1		
		HVAC Upgrade	\$76,724							
		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							
		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							
		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							
		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 January 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	\$116,700	5.3		
		HVAC Upgrade - Nelson			\$618,634								
Porterville	131598	HVAC Upgrade - EJOR			\$615,360	\$379,562	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>\$3,488,309</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	\$94,388	17,628			\$2,914	0.4
		Lighting Upgrade					\$1,126						
Vista Del Lago	131595	HVAC Upgrade					\$99,927	\$193,324	114,004	59,057		\$15,603	8.4
		Web-Based Monitoring			\$10,000								
		Lighting Upgrade			\$130,899								
		HVAC Upgrade			\$70,000								
		Web-Based Monitoring			\$10,000								
<b>Total DWR</b>					<b>\$931,965</b>		<b>\$829,091</b>	<b>\$528,729</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>\$7,131,116</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 January 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	\$1,883,643	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>\$4,858,096</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>\$5,441,884</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 January 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	\$461,550	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>\$3,112,541</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>\$3,912,772</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>\$302,819</b>				
<b>PROGRAM INCOME EARNED FROM THE SURPLUS MONEY INVESTMENT FUND (SMIF)</b>			<b>\$132,022</b>							
<b>LOAN FUND PROGRAM TOTALS</b>			<b>\$25,132,022</b>		<b>\$22,949,678</b>	<b>\$18,612,024</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).