



# Energy Efficient State Property Revolving Fund Loan Program

American Reinvestment and Recovery Act



DGS and its contractors continue to implement energy efficiency in 62 state-owned facilities and seven parking lots.

 **Small Building Program**

- Lighting designs required modification, halting work on lighting upgrades during most of February. Revised designs, including submittals for non-autistic client areas in three Dept. of Developmental Services facilities, have been approved. Lighting upgrades will re-commence on March 11, 2011.
- HVAC submittals have been approved and equipment is being ordered for 18 CHP sites, 18 DMV sites and four DWR sites.
- Four interior and one exterior CHP lighting retrofits have been completed.
- Four DMV interior lighting retrofits have been completed.

 **Large Building Program**

- The upgrades for the air handling units, hot water recirculation pumps, exhaust fans, and lighting controls are 100% complete in the California Energy Commission (CEC) building. Project was closed out in Feb-2011.
- Lighting retrofits in the Bonderson Building and the San Diego buildings and filter replacements and coil cleaning in various buildings are 99% complete. Inspections and measurement and verification studies will take place prior to project closeouts.
- The exterior lighting retrofits in DGS' Office of Fleet and Asset Management (OFAM) Parking Lots 8, 14, 28, 50, and 55 and two parking lots in San Diego are essentially complete. Inspections and measurement and verification studies should be complete by the end of March.

 **CDCR & OCIO Managed Projects**

- CDCR: Construction has started on the lighting and energy management system at Corcoran. A kick-off meeting will take place at Salinas on March 11. Product submittals for CCI-Tehachapi and CRC-Norco are being developed by the contractors for review.
- OCIO: Equipment has been ordered and the design work is 100% complete. Construction should begin in the next 45 days.

 **Program Management**

- DGS is developing a web site for the Energy Efficient State Property Revolving Fund Loan Program that will explain how State departments can apply for funding and provide project status information.
- Total funds disbursed to date are \$7,997,738. This is 32% of funds allocated to this program.

Program/Loan Agreement	Loan Amt	Vendors	Jobs*	Disbursed
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**Small Buildings Program**

Loan 108-DMH/Atascadero	\$673,297	JCI	7.3	\$337,247
Loan 110-DMH/Patton	\$399,790	JCI	4.3	\$196,763
Loan 114-CHP	\$1,848,511	JCI	20.0	\$596,985
Loan 116-DMV	\$1,324,365	JCI	14.3	\$503,521
Loan 118-DWR	\$931,965	JCI	10.1	\$344,551
Loan 120-DDS	\$4,941,430	JCI	53.4	\$2,120,314
<b>Total</b>	<b>\$10,119,358</b>			<b>\$4,099,381</b>

**Past 30-Day Activities (Jan-2011)**

**Loan 108: DMH, Atascadero.** C: 2/11 - 6/11; 15% complete. Lighting submittals have been approved and materials have been delivered to the site. Construction schedule being finalized.

**Loan 110: DMH Patton SH.** C: 1/11 - 5/11; 15% complete. Lighting submittals have been approved and materials have been delivered to the site. Construction postponed; estimated start 3/11.

**Loan 114: CHP (18 sites).** C: 12/10 - 5/11; 15% complete. Lighting submittals have been approved and materials delivered to sites. HVAC submittals approved and equipment being ordered. Four interior and one exterior lighting retrofits completed; construction schedule delayed while a test of a new lighting design was implemented at Modesto; test was successful and construction will restart 3/11. Coalinga HVAC installation set to begin 2/21.

**Loan 116: DMV (18 sites).** C: 12/10 - 5/11; 15% complete. Lighting submittals have been approved and materials delivered to sites. HVAC submittals approved and equipment being ordered. 4 interior lighting retrofits completed. Construction schedule delayed while a test of a new lighting design was implemented at CHP-Modesto; test was successful and construction will restart 3/11.

**Loan 118: DWR (4 sites).** C: 12/10 - 4/11; 30% complete. -- Lighting submittals have been approved and materials delivered to sites. HVAC submittals approved and equipment being ordered. 2 interior lighting retrofits completed. Construction schedule delayed while a test of a new lighting design was implemented at CHP-Modesto; test was successful and construction will restart 3/11.

**Loan 120: DDS (3 campuses).** C:1/11 - 7/11; 10% complete. -- Lighting submittals for non-autistic clients areas have been approved. Lighting scheme/mock-up to determine optimum solution for autistic clients still being worked on by DGS and DDS. HVAC submittals approved for Sonoma; Porterville's under review.

**CDCR Energy Retrofits**

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

**Past 30-Day Activities (Jan-2011)**

**Loan 102: CCI Tehachapi, Salinas Valley & Corcoran State Prisons.** C: 9/10 - 8/11; 15% Complete. Tehachapi: reviewing product submittals for specification compliance; Salinas: pre-construction meeting scheduled for 3/3/11; Corcoran lighting construction is 80% complete; Corcoran energy management construction 20% complete. This project is being managed by CDCR.

**Loan 124: SATF, Corcoran State Prison & CRC Norco.** SATF, Corcoran State Prison & CRC Norco. C: 12/10 - 12/11; 5% Complete. SATF-reviewing submittals from the contractor; CRC: reviewing product submittals for specification compliance. This project is being managed by CDCR.



Energy Efficient State Property Revolving Loan Program

2/18/2011

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	\$3,200,189
Loan 104-OFAM	\$554,898	SmartWatt	6.0	\$442,611
Loan 106-CHP	\$157,080	SmartWatt	1.7	\$87,356
<b>Total</b>	<b>\$6,639,869</b>			<b>\$3,730,156</b>

Past 30-Day Activities (Feb-2011)

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

**BOE** - Lighting upgrade approx. 80% complete; the installation of variable frequency drives on the chiller is approx. 30% complete; the optimization of controls is approx. 10% complete; chilled water valves replacement is 100% complete.

**Bateson** - Filter replacement and coil cleaning 100% complete; lighting upgrade approx. 60% complete.

**CEC** - Controls upgrade for Air Handling Units, hot water recirculation pumps, exhaust fans, and night cooling have been completed; occupancy sensor issues have been resolved and lighting controls upgrade is now complete; project closeout 2/11.

**Bonderson Building** - All materials have been installed on all floors. Work is 95% complete. BPM and the contractor are preparing to start the inspection and M&V process.

**Secretary of State** - Filter replacement and coil cleaning 100% complete; lighting upgrade approx. 60% complete; compressor installation approx. 95% complete.

**San Diego (Cal Trans District 11 and Mission Valley)** - SmartWatt's fixture installations in Caltrans District 11 and Mission Valley were 99% complete as of 12/30/10. BPM and the contractor SmartWatt are preparing to start the inspection and M&V process.

**Cal Trans District 11** - JCI is preparing design for chiller retrofit at Caltrans District 11.

**Fresno** - Controls upgrade 100% complete; design specs for chiller replacement still under development -

**Jesse Unruh** - Filter replacement and coil cleaning 100% complete; lighting upgrade approx. 95% complete.

**Loan 104: OFAM Parking Lots.** As of 1/28/2011; 99% complete. Lots 8, 38, 50, and 55. Lot 14 fixture installations are 95% complete. BPM and the contractor SmartWatt are preparing to start the inspection and M&V process once lot 14 has been completed.

**Loan 106: CHP HQ.** C:12/10 - 03/11; 24% complete. All ballasts and lamps have been delivered on site for this lighting retrofit. All required materials and retrofit kits are also on site. The asbestos abatement project needs to be completed by CHP before SmartWatt can begin the lighting retrofit.

Program/Loan Agreement	Loan Amt	Vendors	Jobs*	Disbursed
<b>Office of Chief Information Officer Energy Retrofits</b>				
Loan 112-OCIO	\$2,299,562	ABM	24.8	

**Past 30-Day Activities (Jan-2011)**

C: 12/10 - 12/11; 5% complete. Arrival of the computer room air conditioning (CRAC) units will begin the last week of March. The design phase for modifications to the cooling towers and the heat exchangers is 90% complete and the OCIO is soliciting supplier quotations. Four lighting subcontractors have submitted quotes for the lighting upgrade; once the evaluation of these quotes is complete, a work order will be issued to the prime contractor to proceed. This installation should start within 45 days. This project is being managed by the OCIO.

<b>Administration</b>	\$319,812	DGS	3.5	\$168,201
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**Past 30-Day Activities (Nov-2010)**

Program Administration includes costs associated with Program Set-up, Legal, Accounting and Loan Origination

<b>Total Program</b>	<b>\$25,000,000</b>		<b>270.0 *</b>	<b>\$7,997,738</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 18, 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					
<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	\$35,829	45,438		\$5,355	10.1				
		Web-Based Monitoring			\$10,000									
Chula Vista	131602	Lighting Upgrade			\$63,437	\$43,385	45,996		\$8,000	7.9				
		Web-Based Monitoring			\$10,000									
El Cajon	131603	Lighting Upgrade			\$12,214	\$11,420	34,065		\$6,295	1.9				
		Web-Based Monitoring			\$10,000									
Hanford	131604	Lighting Upgrade			\$21,433	\$19,230	18,707		\$2,285	9.4				
		Web-Based Monitoring			\$10,000									
Hollister	131605	Lighting Upgrade			\$5,582	\$6,208	11,490		\$2,053	2.7				
		Web-Based Monitoring			\$10,000									
Merced	131606	Lighting Upgrade			\$46,172	\$32,521	39,651		\$6,060	7.6				
		Web-Based Monitoring			\$10,000									
Modesto	131607	Lighting Upgrade			\$16,127	\$14,780	30,068		\$3,307	4.9				
		Web-Based Monitoring			\$10,000									
Mountain View	131608	Lighting Upgrade			\$20,989	\$16,750	32,983		\$5,218	4.0				
		Web-Based Monitoring			\$10,000									
Oakland Claremont	131609	Lighting Upgrade			\$59,993	\$41,887	57,199		\$8,993	6.7				
		Web-Based Monitoring			\$10,000									
Oakland Coliseum	131610	Lighting Upgrade			\$52,468	\$36,420	37,350		\$5,479	9.6				
		Web-Based Monitoring			\$10,000									
Redwood City	131611	Lighting Upgrade			\$58,704	\$40,292	41,468		\$6,494	9.0				
		Web-Based Monitoring			\$10,000									
Sacramento	131612	Lighting Upgrade			\$24,416	\$63,702	24,621		\$2,868	8.5				
		HVAC Upgrade			\$209,386						56,516	776	\$7,017	31.8
		Web-Based Monitoring			\$10,000									
San Diego	131613	Lighting Upgrade			\$43,507	\$31,059	41,654		\$7,543	5.8				
		Web-Based Monitoring			\$10,000									
San Mateo	131614	Lighting Upgrade			\$17,519	\$15,506	53,406		\$9,196	1.9				
		Web-Based Monitoring			\$10,000									
Turlock	131615	Lighting Upgrade			\$26,668	\$36,167	36,099		\$3,913	6.8				
		HVAC Upgrade	\$76,410	14,602	253						\$1,700	48.3		
		Web-Based Monitoring	\$10,000											
Visalia	131616	Lighting Upgrade	\$23,380	\$19,939	40,494		\$4,564	4.7						
		Web-Based Monitoring	\$10,000											
Watsonville	131617	Lighting Upgrade	\$8,747	\$7,999	13,414		\$2,365	3.7						
		Web-Based Monitoring	\$10,000											
Yuba City	131618	Lighting Upgrade	\$10,960	\$30,430	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>\$503,521</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		\$37,592	55,552	10,723		\$6,450	2.6				
		HVAC Upgrade	\$108,729								\$1,245	87.3		
		Web-Based Monitoring	\$10,000											
Central Los Angeles Area	131622	Lighting Upgrade	\$65,945	\$39,141	92,763		\$10,511	6.3						
		Web-Based Monitoring	\$10,000											
Coalinga Area	131623	Lighting Upgrade	\$20,158	\$34,016	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	\$27,021	43,144		\$8,141	5.2						
		Web-Based Monitoring	\$10,000											
Fort Tejon Area	131625	Lighting Upgrade	\$30,837	\$27,011	33,523		\$4,274	6.5						
		Web-Based Monitoring	\$10,000											
Fresno Area	131626	Lighting Upgrade	\$45,960	\$31,405	97,278		\$13,142	3.3						
		Web-Based Monitoring	\$10,000											
Hanford Area	131627	Lighting Upgrade	\$29,836	\$32,291	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).

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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				
Hayward Area	131628	Lighting Upgrade	\$1,848,511	Johnson Controls, Inc.	\$35,118	\$24,500	75,448		\$13,142	2.7			
		Web-Based Monitoring			\$10,000								
Hollister-Gilroy Area	131629	Lighting Upgrade					\$18,417	\$36,027	33,523	422	\$6,041	3.1	
		HVAC Upgrade			\$101,810		\$3,064						39.1
Madera Area	131630	Web-Based Monitoring					\$10,000	\$15,901	38,988		\$6,791	3.3	
		Lighting Upgrade			\$22,214								
Merced Area	131631	Web-Based Monitoring					\$10,000	\$69,415	158,131	405	\$27,545	1.0	
		Lighting Upgrade			\$26,682								
		HVAC Upgrade			\$216,146		\$12,364						18.1
Modesto Area	131632	Web-Based Monitoring					\$10,000	\$49,452	119,777	1,250	\$14,674	3.2	
		Lighting Upgrade			\$46,656								
		HVAC Upgrade			\$93,392		\$4,680						27.8
Oakland Area	131633	Web-Based Monitoring					\$10,000	\$28,843	119,777		\$20,864	2.1	
		Lighting Upgrade			\$43,060								
Redwood City Area	131634	Web-Based Monitoring					\$10,000	\$16,726	44,109		\$7,683	3.0	
		Lighting Upgrade			\$23,323								
San Jose Area	131635	Web-Based Monitoring					\$10,000	\$20,134	82,777		\$14,419	1.8	
		Lighting Upgrade			\$26,620								
South Los Angeles Area	131636	Web-Based Monitoring					\$10,000	\$37,578	137,410		\$16,064	2.6	
		Lighting Upgrade			\$42,434								
West Los Angeles Area	131637	Web-Based Monitoring			\$10,000	\$29,805	82,806		\$9,466	2.0			
		Lighting Upgrade	\$19,421										
		Rezone HVAC	\$51,286										
Yuba-Sutter Area	131638	Web-Based Monitoring			\$10,000	\$40,129	41,801	181	\$7,281	2.5			
		Lighting Upgrade	\$18,274										
		HVAC Upgrade	\$68,786		\$3,235						22.8		
		Rezone HVAC	\$1,285										
<b>Total CHP</b>			<b>\$1,848,511</b>		<b>\$1,589,534</b>	<b>\$596,985</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	\$4,941,430	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	\$150,199	1,069,858	79,560	\$139,020	8.8	
		Web-Based Monitoring			\$10,000								
Sonoma	131598	Lighting Upgrade					\$1,214,036	\$991,426	865,790	27,778	\$161,865	7.5	
		HVAC Upgrade - Nelson			\$618,634								
		HVAC Upgrade - EJOR			\$615,360		\$116,700						5.3
		Web-Based Monitoring			\$10,000		\$150,675						4.1
<b>Total DDS</b>					<b>\$4,941,430</b>		<b>\$4,543,912</b>	<b>\$2,120,314</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.	\$352,466	\$337,247	572,066		\$68,648	7.2			
		Web-Based Monitoring			\$10,000								
<b>DMH - Loan 110</b>													
Patton	131600	Lighting Upgrade	\$399,790	Johnson Controls, Inc.	\$606,854	\$196,763	405,692		\$48,827	8.8			
		Web-Based Monitoring			\$10,000								
<b>Total DMH</b>			<b>\$1,073,087</b>		<b>\$979,320</b>	<b>\$534,010</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			\$71,742	\$148,515	76,415	9,171	\$11,497	6.4			
		HVAC Upgrade			\$310,961							\$34,803	8.8
		Web-Based Monitoring			\$10,000								

\*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	
Oroville Visitors Center	131593	Lighting Upgrade	\$931,965	Johnson Controls, Inc.	\$46,563	\$68,001	22,571		\$3,747	12.4
		HVAC Upgrade			\$57,873		28,937	1,400	\$5,718	10.1
		Web-Based Monitoring			\$10,000					
Romero Overlook	131594	Lighting Upgrade	\$931,965	Johnson Controls, Inc.	\$1,126	\$35,056	17,628		\$2,914	0.3
		HVAC Upgrade			\$99,927		13,659		\$2,258	44.3
		Web-Based Monitoring			\$10,000					
Vista Del Lago	131595	Lighting Upgrade	\$931,965	Johnson Controls, Inc.	\$130,899	\$92,979	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>\$344,551</b>	<b>503,021</b>	<b>10,571</b>	<b>\$84,623</b>	<b>11.0</b>
<b>Total Small Buildings Program</b>			<b>\$10,119,358</b>		<b>\$9,051,065</b>	<b>\$4,099,381</b>	<b>9,027,543</b>	<b>130,245</b>	<b>\$1,362,458</b>	<b>7.4</b>
<b>LARGE BUILDINGS PROGRAM</b>										
<b>Department of General Services - Loan 101</b>										
Secretary of State	130440	Replace chiller	\$706,240		\$339,700	\$457,599	377,735		\$33,230	9.5
		Lighting controls			\$273,516		297,528		\$26,778	9.6
		Replace air filters			\$29,593		230,035		\$19,100	0.8
Bateson	130442	Clean coils	\$247,004		\$29,324	\$166,614	110,697		\$9,439	2.4
		Lighting controls			\$205,431		355,867		\$32,027	5.6
		Replace air filters			\$14,731		72,812		\$6,729	1.5
Jesse Unruh	130443	Clean coils	\$281,270	Cogent Energy, Inc.	\$14,604	\$235,620	130,590		\$11,063	0.6
		Lighting controls and variable fan drives			\$224,918		206,180		\$18,556	11.5
		Replace air filters			\$21,336		93,155		\$9,013	1.8
BOE	131674	Clean coils	\$2,293,008		\$21,146	\$1,287,556	75,252		\$6,026	2.8
		Lighting upgrade			\$970,461		1,264,428		\$126,442	7.1
		Optimum energy - LOOP			\$802,023		787,765		\$80,818	9.3
Bonderson	131071	Optimum energy - TRAV	\$587,090	Smartwatt	\$342,706	\$545,673	367,916	8,217	\$61,493	4.8
		Install fan drives			\$35,350		40,585		\$4,464	7.4
		Lighting retrofit			\$549,067		476,073		\$47,607	11.3
CalTrans District 11	131073	Exterior lighting retrofit	\$169,933	Smartwatt	\$109,275	\$86,155	78,582		\$11,268	8.8
Mission Valley	131072	Exterior lighting retrofit	\$169,933	Smartwatt	\$51,480	\$33,444	46,594		\$6,243	7.5
Fresno State Office Building	131062	Optimum start routine for chiller and boiler	\$415,335	Enovity, Inc.	\$9,360	\$99,825	19,274		\$3,007	1.6
		Reset condenser water temperature			\$11,115		26,500		\$4,153	1.1
		Optimum stop routine			\$9,945		3,800		\$1,781	6.4
		Chilled Water Reset			\$9,945		7,650	478	\$2,090	3.2
		Variable air volume (VAV) air handlers			\$193,050		121,602	2,385	\$21,904	8.5
		Chiller retrofit			\$181,350		64,600		\$10,888	15.2
CA Energy Commission	130441	De-lamp perimeter lights	\$179,000	Enovity, Inc.	\$1,100	\$153,000	22,100		\$2,210	0.6
		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	\$134,704	405,830	29,507	\$80,268	12.1
<b>Total Loan 101</b>			<b>\$5,927,891</b>		<b>\$5,591,214</b>	<b>\$3,200,189</b>	<b>5,832,250</b>	<b>40,587</b>	<b>\$649,420</b>	<b>9.1</b>
<b>Office of Fleet and Asset Management - Loan 104</b>										
Parking Lot 8	131066	Lighting retrofits	\$554,898	Smartwatt	\$499,093	\$442,611	761,436		\$116,350	4.8
Parking Lot 14	131067									
Parking Lot 38	131068									
Parking Lot 50	131069									
Parking Lot 55	131070									
<b>Total DGS/OFAM</b>			<b>\$554,898</b>		<b>\$499,093</b>	<b>\$442,611</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	\$207,712	\$87,356	186,751		\$18,675	8.4
<b>Total CHP</b>			<b>\$157,080</b>		<b>\$207,712</b>	<b>\$87,356</b>	<b>186,751</b>		<b>\$18,675</b>	<b>8.4</b>
<b>TOTAL LARGE BUILDINGS PROGRAM</b>			<b>\$6,639,869</b>		<b>\$6,298,019</b>	<b>\$3,730,156</b>	<b>5,426,420</b>	<b>40,587</b>	<b>\$569,152</b>	<b>11.7</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 18, 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	
<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		430,116	345,322	\$317,746	2.5
Soledad Valley State Prison	113847	Lighting upgrades		Aircon Energy, Inc.	\$136,285		441,058		\$39,695	3.4
		Replace water heaters			\$431,257		168,529	95,799	\$95,543	4.5
		Replace condensers			\$130,661		163,014		\$14,671	8.9
Salinas Correctional Training Facility	131848	Replace boilers	\$1,416,259	Aircon Energy, Inc.	\$405,846			222,983	\$187,083	2.2
		Replace water pumps			\$102,459		186,456		\$16,781	6.1
		Replace steam plant motors			\$35,997		31,317		\$2,819	12.8
		Replace air handler motors			\$66,965		35,243	1,030	\$4,036	16.6
		Upgrade air controls			\$106,789		8,900	38	\$833	128.2
Corcoran State Prison	131849	Expand energy mgmt system	\$1,906,339	Trane Company	\$510,072		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			Sylvania Lighting Services	\$1,142,272		1,982,859	0	\$180,440
<b>Total Loan 102</b>			<b>\$4,108,998</b>		<b>\$4,108,998</b>		<b>5,654,983</b>	<b>386,756</b>	<b>\$834,780</b>	<b>4.9</b>
<b>CDCR Loan 124</b>										
Corcoran Treatment Center	131850	HVAC Controls	\$745,094	Trane Company	\$745,094		5,413,745	49,944	\$532,107	1.4
		Outside Lighting Controls								
Norco Rehabilitation	131851	Boiler Replacement	\$767,307	Trane Company	\$767,307		45,505	220,980	\$161,606	4.7
<b>Total Loan 124</b>			<b>\$1,512,401</b>		<b>\$1,512,401</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>\$5,621,399</b>		<b>11,114,233</b>	<b>657,680</b>	<b>\$1,528,493</b>	<b>3.7</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		1,535,265		\$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	10.0
<b>TOTAL OCIO</b>			<b>\$2,299,562</b>		<b>\$2,111,080</b>		<b>4,134,410</b>		<b>\$359,054</b>	<b>6.4</b>
<b>ADMINISTRATION</b>			<b>\$319,812</b>			<b>\$168,201</b>				
<b>LOAN FUND PROGRAM TOTALS</b>			<b>\$25,000,000</b>		<b>\$23,081,563</b>	<b>\$7,997,737</b>	<b>29,702,606</b>	<b>828,512</b>	<b>\$3,819,157</b>	<b>6.5</b>

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