

**ARRA Energy Efficient State Property Revolving Fund  
Energy Efficiency Projects**

Project/Building	Energy Measure	ARRA-Funded Loan Amount	Annual Savings			Simple Payback (years)
			kWh	Therms	Dollars	
<b>SMALL BUILDINGS PROGRAM</b>						
<b>Department of Motor Vehicles - Loan 116</b>						
Arleta Field Office	Lighting Upgrade	\$69,415	45,438		\$5,355	13.0
	Web-Based Monitoring					
Chula Vista	Lighting Upgrade	\$77,818	45,996		\$8,000	9.7
	Web-Based Monitoring					
El Cajon	Lighting Upgrade	\$27,585	34,065		\$6,295	4.4
	Web-Based Monitoring					
Hanford	Lighting Upgrade	\$36,480	18,707		\$2,285	16.0
	Web-Based Monitoring					
Hollister	Lighting Upgrade	\$20,796	11,490		\$2,053	10.1
	Web-Based Monitoring					
Merced	Lighting Upgrade	\$61,284	39,651		\$6,060	10.1
	Web-Based Monitoring					
Modesto	Lighting Upgrade	\$36,936	30,068		\$3,307	11.2
	Web-Based Monitoring					
Mountain View	Lighting Upgrade	\$35,651	32,983		\$5,218	6.8
	Web-Based Monitoring					
Oakland Claremont	Lighting Upgrade	\$74,442	57,199		\$8,993	8.3
	Web-Based Monitoring					
Oakland Coliseum	Lighting Upgrade	\$67,133	37,350		\$5,479	12.3
	Web-Based Monitoring					
Redwood City	Lighting Upgrade	\$73,369	41,468		\$6,494	11.3
	Web-Based Monitoring					
Sacramento	Lighting Upgrade	\$256,831	81,136	776	\$9,885	12.3
	HVAC Upgrade					

	Web-Based Monitoring					
San Diego	Lighting Upgrade	\$58,172	41,654		\$7,543	7.7
	Web-Based Monitoring					
San Mateo	Lighting Upgrade	\$32,017	53,406		\$9,196	3.5
	Web-Based Monitoring					
Turlock	Lighting Upgrade	\$137,952	50,701	253	\$5,613	24.6
	HVAC Upgrade					
	Web-Based Monitoring					
Visalia	Lighting Upgrade	\$38,332	40,494		\$4,564	8.4
	Web-Based Monitoring					
Watsonville	Lighting Upgrade	\$22,972	13,414		\$2,365	24.6
	Web-Based Monitoring					
Yuba City	Lighting Upgrade	\$113,354	45,807	713	\$8,433	13.4
	HVAC Upgrade					
	Web-Based Monitoring					
Salinas	Lighting Upgrade	\$83,826				
	Web-Based Monitoring					
<b>Total DMV - Loan 116</b>		<b>\$1,324,365</b>	<b>721,027</b>	<b>1,742</b>	<b>\$107,138</b>	<b>12.4</b>
<b>CA Highway Patrol - Loan 114</b>						
Altadena Area	Lighting Upgrade	\$147,580	66,275		\$7,695	19.2
	HVAC Upgrade					
	Web-Based Monitoring					
Central Los Angeles Area	Lighting Upgrade	\$91,005	92,763		\$10,511	8.7
	Web-Based Monitoring					
Coalinga Area	Lighting Upgrade	\$134,811	45,403		\$7,909	17.0
	HVAC Upgrade					
	Rezone HVAC					
	Web-Based Monitoring					
El Cajon Area	Lighting Upgrade	\$58,370	43,144		\$8,141	7.2
	Web-Based Monitoring					
Fort Tejon Area	Lighting Upgrade	\$54,650	33,523		\$4,274	12.8
	Web-Based Monitoring					
Fresno Area	Lighting Upgrade	\$63,819	97,278		\$13,142	4.9
	Web-Based Monitoring					

Hanford Area	Lighting Upgrade	\$106,161	52,630		\$8,353	12.7
	HVAC Upgrade					
	Web-Based Monitoring					
Hayward Area	Lighting Upgrade	\$49,685	75,448		\$13,142	3.8
	Web-Based Monitoring					
Hollister-Gilroy Area	Lighting Upgrade	\$153,782	47,958	422	\$9,105	16.9
	HVAC Upgrade					
	Web-Based Monitoring					
Madera Area	Lighting Upgrade	\$37,928	38,988		\$6,791	5.6
	Web-Based Monitoring					
Merced Area	Lighting Upgrade	\$264,375	226,548	405	\$39,909	6.6
	HVAC Upgrade					
	Web-Based Monitoring					
Modesto Area	Lighting Upgrade	\$162,223	147,187	1,250	\$19,354	8.4
	HVAC Upgrade					
	Web-Based Monitoring					
Oakland Area	Lighting Upgrade	\$64,220	119,777		\$20,864	3.1
	Web-Based Monitoring					
Redwood City Area	Lighting Upgrade	\$37,878	44,109		\$7,683	4.9
	Web-Based Monitoring					
San Jose Area	Lighting Upgrade	\$39,574	82,777		\$14,419	2.7
	Web-Based Monitoring					
South Los Angeles Area	Lighting Upgrade	\$55,174	137,410		\$16,064	3.4
	Web-Based Monitoring					
West Los Angeles Area	Lighting Upgrade	\$54,087	82,806		\$9,466	5.7
	Rezone HVAC					
	Web-Based Monitoring					
Yuba-Sutter Area	Lighting Upgrade	\$156,254	59,152	181	\$10,516	14.9
	HVAC Upgrade					
	Rezone HVAC					
	Web-Based Monitoring					
San Luis Obispo	Lighting Upgrade	\$116,935				
	Web-Based Monitoring					
<b>Total CHP - Loan 114</b>		<b>\$1,848,511</b>	<b>1,493,176</b>	<b>2,258</b>	<b>\$227,339</b>	<b>8.1</b>

<b>Department of Developmental Services - Loan 120</b>						
Fairview	Lighting Upgrade	\$1,490,091	2,101,987		\$257,624	5.8
	Web-Based Monitoring					
Sonoma	Lighting Upgrade	\$2,677,308	2,160,715	36,114	\$429,240	6.2
	HVAC Upgrade - Nelson					
	HVAC Upgrade - EJOR					
Porterville	Web-Based Monitoring	\$825,719	1,069,858	79,560	\$139,020	5.9
	HVAC - VAV Conversion					
<b>Total DDS - Loan 120</b>		<b>\$4,993,118</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	Lighting Upgrade	\$673,297	572,066		68,648	9.8
	Web-Based Monitoring					
<b>DMH - Loan 110</b>						
Patton	Lighting Upgrade	\$399,790	405,692		48,827	8.2
	Web-Based Monitoring					
<b>Total DMH</b>		<b>\$1,073,087</b>	<b>977,758</b>		<b>\$117,475</b>	<b>9.1</b>
<b>Department of Water Resources - Loan 118</b>						
Bryte Chemical Lab	Lighting Upgrade	\$469,075	247,165	9,171	\$46,300	10.1
	HVAC Upgrade					
	Web-Based Monitoring					
Oroville Visitors Center	Lighting Upgrade	\$118,856	51,508	1,400	\$9,465	12.6
	HVAC Upgrade					
	Web-Based Monitoring					
Romero Overlook	Lighting Upgrade	\$120,727	31,287		\$5,172	23.3
	HVAC Upgrade					
	Web-Based Monitoring					
Vista Del Lago	Lighting Upgrade	\$223,307	173,061		\$23,686	9.4
	HVAC Upgrade					
	Web-Based Monitoring					

<b>Total DWR</b>		<b>\$931,965</b>	<b>962,183</b>	<b>11,971</b>	<b>\$155,064</b>	<b>6.0</b>
<b>Total Small Buildings Program</b>		<b>\$10,171,046</b>	<b>9,486,704</b>	<b>131,645</b>	<b>\$1,432,900</b>	<b>7.1</b>
<b>LARGE BUILDINGS PROGRAM</b>						
<b>Department of General Services - Loan 101</b>						
Secretary of State	Replace chiller	\$635,706	1,015,995		\$88,547	7.2
	Lighting controls					
	Replace air filters					
	Clean coils					
Bateson	Lighting controls	\$247,004	559,269		\$49,819	5.0
	Replace air filters					
	Clean coils					
Jesse Unruh	Lighting controls and variable fan drives	\$351,804	374,587		\$33,595	10.5
	Replace air filters					
	Clean coils					
BOE	Lighting upgrade	\$2,293,008	2,444,207	28,523	\$281,277	8.2
	VFD retrofit					
	VAV optimization					
	DW pumps installation					
	Water valve replacement					
	Boiler retrofit					
Bonderson	Lighting retrofit	\$587,090	476,073		\$47,607	12.3
Mission Valley	Exterior lighting retrofit	\$169,933	125,176		\$17,511	9.7
CalTrans District 11	Exterior lighting retrofit					
Fresno State Office Building	Optimum start routine for chiller and boiler	\$415,335	243,426	2,863	\$43,823	9.5
	Reset condenser water temperature					
	Optimum stop routine					
	Chilled Water Reset					
	Variable air volume (VAV) air handlers					
	Chiller retrofit					

CA Energy Commission	De-lamp perimeter lights	\$179,000	170,580		\$15,033	11.9
	Reschedule air handler					
	Reschedule hot water pump					
	Reschedule fans					
	Occupancy sensor on hearing room air handler					
	Night cooling					
	Occupancy sensor for lighting					
CalTrans District 11	Chiller replacement	\$1,049,011	405,830	29,507	\$80,268	13.1
<b>Total Loan 101</b>		<b>\$5,927,891</b>	<b>5,815,143</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	Lighting retrofits	\$554,898	477,430		\$116,350	4.8
Parking Lot 14						
Parking Lot 38						
Parking Lot 50						
Parking Lot 55						
<b>Total DGS/OFAM</b>		<b>\$554,898</b>	<b>477,430</b>		<b>\$116,350</b>	<b>4.8</b>
<b>California Highway Patrol - Loan 106</b>						
CHP Headquarters	Lighting retrofit	\$157,080	211,422		\$18,675	8.4
<b>Total CHP</b>		<b>\$157,080</b>	<b>211,422</b>		<b>\$18,675</b>	<b>8.4</b>
<b>TOTAL LARGE BUILDINGS PROGRAM</b>		<b>\$6,639,869</b>	<b>6,503,995</b>	<b>60,893</b>	<b>\$792,505</b>	<b>8.4</b>
<b>CA DEPARTMENT OF CORRECTIONS AND REHABILITATION PROJECTS</b>						
<b>CDCR Loan 102</b>						
Tehachapi	Install boilers	\$786,400	430,116	345,322	\$317,746	2.5
Soledad Valley State Prison	Lighting upgrades	\$1,416,259	867,735	95799	\$158,461	2.8
	Replace water heaters					
	Lighting retrofit					
Salinas Correctional	Replace boilers		696,083	223,021	\$352,839	

Training Facility	Lighting retrofit					
	Upgrade air controls					
Corcoran State Prison	Expand energy mgmt system	\$1,906,339	2,637,607	66,906	\$292,879	4.0
	Programmable thermostats					
	Variable fan drives					
	Lighting upgrade					
<b>Total Loan 102</b>		<b>\$4,108,998</b>	<b>6,614,400</b>	<b>731,048</b>	<b>\$1,302,365</b>	<b>3.2</b>
Corcoran Treatment Center	HVAC Controls	\$745,094	5,413,745	49,944	\$532,107	1.4
	Outside Lighting Controls					
Norco Rehabilitation	Boiler Replacement	\$767,307	45,505	220,980	\$161,606	4.7
<b>Total Loan 124</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>12,073,650</b>	<b>1,001,972</b>	<b>\$1,996,078</b>	<b>2.8</b>
<b>OFFICE OF THE CHIEF INFORMATION OFFICER</b>						
<b>OCIO - Loan 112</b>						
Gold Camp Data Center	CRAC Units Upgrade	\$2,299,562	4,134,410		\$359,054	6.4
	Chiller Upgrade					
	Cooling Towers					
	Lighting Upgrade					
<b>TOTAL OCIO</b>		<b>\$2,299,562</b>	<b>4,134,410</b>		<b>\$359,054</b>	<b>6.4</b>
<b>ADMINISTRATION</b>		<b>\$268,125</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>32,198,759</b>	<b>1,194,510</b>	<b>\$4,580,537</b>	<b>5.5</b>