

Department of General Services
Energy Efficient State Property Revolving Fund
Annual Legislative Report January 1, 2023

Background

The American Recovery and Reinvestment Act of 2009 (ARRA) provided funds to the U.S. Department of Energy (DOE) to make allocations to its existing programs. Subsequently, on June 25, 2009, the California Energy Commission (CEC), in its role as the DOE's state energy office in California, received \$226,093,000 for distribution under federal guidelines.

On July 28, 2009, Governor Schwarzenegger signed Assembly Bill 11 from the fourth extraordinary session of the 2009-10 session (ABX4 11), adding Chapter 5.7 to the Public Resources Code (PRC), and creating the Energy Efficient State Property Revolving Fund (Loan Fund). Under the terms of the statute, the CEC transferred \$25 million to the Department of General Services (DGS) to administer the Loan Fund and finance energy efficient retrofits at state facilities. Participating state agencies would use the savings realized through the retrofits to service their debt to the Loan Fund.

PRC Section 25473 requires DGS to provide the Legislature with an annual report on the projects identified and planned for each fiscal year.

Fiscal Years 2009-10 through 2012-13

To comply with ABX4 11, DGS utilized the pool of qualified energy services companies (ESCOs) established under the authority of Public Utilities Code Section 388 to implement energy efficiency measures at state facilities. The department allocated the original \$25 million to nine departments through 12 loans, funding 70 projects. During fiscal year 2012-13, the CEC initiated four transfers totaling \$2,630,725 of unutilized ARRA funds to supplement the Loan Fund. The table that follows lists the projects funded through the Loan Fund during fiscal years 2009-10 through 2012-13.

Loan Recipient	Loan Amount	Annual Energy Savings: Electricity (kilowatt hours)	Annual Energy Savings: Natural Gas (therms)
Loan 101: General Services/Building & Property Mgmt.	\$5,927,891	5,386,248	31,386
Loan 102: CA Dept. of Corrections and Rehabilitation	\$4,108,998	7,222,636	729,906

Loan 104: General Services/Office of Fleet & Asset Mgmt.	\$554,898	482,643	—
Loan 106: CA Highway Patrol	\$157,080	185,440	—
Loans 108 & 110: CA Dept. of Mental Health	\$1,073,087	1,112,423	—
Loan 112: Office of the Chief Information Officer	\$2,299,562	1,741,198	—
Loan 114: CA Highway Patrol	\$1,848,511	1,559,840	2,171
Loan 116: Dept. of Motor Vehicles	\$1,324,365	809,873	2,101
Loan 118: CA Dept. of Water Resources	\$931,965	962,183	11,971
Loan 120: CA Dept. of Developmental Services	\$4,941,430	5,332,560	115,674
Loan 124: CA Dept. of Corrections and Rehabilitation	\$1,512,401	5,576,759	259,184
TOTAL LOANS	\$24,680,188	30,371,803	1,152,393

Fiscal Year 2013-14

In 2013-14, the CEC transferred \$113,223 of unutilized ARRA funding to the Loan Fund. DGS issued two loans:

Loan Recipient	Loan Amount	Annual Energy Savings: Electricity (kilowatt hours)	Annual Energy Savings: Natural Gas (therms)
Loan 123: CA Dept. of Public Health	\$3,100,000	—	140,000
Loan 125: CA Dept. of Corrections and Rehabilitation	\$888,467	2,713,146	—
TOTAL LOANS	\$3,988,467	2,713,146	140,000

Fiscal Years 2014-15 and 2015-16

No loan applications were received during fiscal year 2014-15. In 2015-16, the CEC transferred \$16,834,925 to the Loan Fund. DGS issued three loans:

Loan Recipient	Loan Amount	Annual Energy Savings: Electricity (kilowatt hours)	Annual Energy Savings: Natural Gas (therms)
Loan 126: General Services/Building and Property Mgmt. – Caltrans District 11, San Diego	\$4,386,221	789,528	15,854
Loan 127: General Services/Building & Property Mgmt. – San Diego Office Building	\$1,189,646	353,345	—
Loan 128: CA Science Center	\$10,099,262	2,632,342	—
TOTAL LOANS	\$15,675,129	3,775,215	15,854

Fiscal Year 2016-17

In November, the CEC transferred \$5,000,000 to the Revolving Fund. DGS issued four loans:

Loan Recipient	Loan Amount	Annual Energy Savings: Electricity (kilowatt hours)	Annual Energy Savings: Natural Gas (therms)
Loan 129: California Department of Corrections and Rehabilitation – High Desert State Prison	\$3,365,945	2,757,779	—
Loan 131: DGS Department of Justice Building	\$2,912,039	1,478,171	8,420
Loan 132: DGS Ronald M. George State Office Complex	\$8,097,770	See note	See note
TOTAL LOANS	\$14,375,754	2,943,966	8,420

Note: Annual energy savings: 17,544 million British Thermal Units (MMBtu)

Fiscal Year 2017-18

DGS issued loans totaling \$3,479,473, which provided 1,465,795 kilowatt hours (kWh) of energy savings. These loans were issued to seven tenants within the California Environmental Protection Agency (CalEPA) headquarters building: CalEPA, California Department of Pesticide Regulation, Office of Environmental Health Hazard Assessment, California Department of Toxic Substances Control, California Air Resources Board, California State Water Resources Control Board and California Department of Resources Recycling and Recovery.

Loan Recipient	Loan Amount	Annual Energy Savings: Electricity (kilowatt hours)	Annual Energy Savings: Natural Gas (therms)
Loans 133 -139: CalEPA Headquarters total	\$3,479,474	1,465,795	—
Loan 133 – CalEPA Headquarters	\$115,929	See note	—
Loan 134: California Department of Pesticide Regulation	\$364,283	See note	—
Loan 135: Office of Environmental Health Hazard Assessment	\$76,926	See note	—
Loan 136: California Department of Toxic Substances Control	\$330,234	See note	—
Loan 137: California Air Resources Board	\$597,473	See note	—
Loan 138: California State Water Resources Control Board	\$720,603	See note	—
Loan 139: California Department of Resources Recycling and Recovery	\$1,274,025	See note	—
TOTAL LOANS	\$3,479,473	1,465,795	—

Note: The CalEPA loan bundle was divided among each tenant; the energy savings were calculated for the entire building.

Fiscal Year 2018-19

DGS issued four loans totaling \$13,389,325, saving an estimated 6,994,500 kWh of electricity and 6,000 therms of natural gas. In FY 2018-19, CEC transferred an additional \$1,302,054 to the ARRA fund.

Loan Recipient	Loan Amount	Annual Energy Savings: Electricity (kilowatt hours)	Annual Energy Savings: Natural Gas (therms)
Loan 140: California Department of Education, consisting of 3 sites: Fremont, Riverside and Fresno.	\$4,257,885	2,327,500	6,000
Loan 141: California Department of Corrections and Rehabilitation	\$4,684,845	3,236,260 (estimate)	—
Loan 142: Del Mar Fairgrounds	\$3,769,883	946,914 (estimate)	—
Loan 143: Antelope Valley Fairgrounds	\$676,712	483,826 (estimate)	—
TOTAL LOANS	\$13,389,325	6,994,500	6,000

Fiscal Year 2019-20

No additional funds were provided to the ARRA fund. DGS issued one loan:

Loan Recipient	Loan Amount	Annual Energy Savings: Electricity (kilowatt hours)	Annual Energy Savings: Natural Gas (therms)
Loan 144: DGS Elihu Harris Building	\$4,211,321	2,349,243 (estimate)	—
TOTAL LOANS	\$4,211,321	2,349,243	—

Fiscal Year 2020-21

Loan Recipient	Loan Amount	Annual Energy Savings: Electricity (kilowatt hours)	Annual Energy Savings: Natural Gas (therms)
No new loans this fiscal year	—	—	—
TOTAL LOANS	—	—	—

Fiscal Year 2021-22

Loan Recipient	Loan Amount	Annual Energy Savings: Electricity (kilowatt hours)	Annual Energy Savings: Natural Gas (therms)
No new loans this fiscal year	—	—	—
TOTAL LOANS	—	—	—

Estimated Energy Savings

DGS is working with the utilities and several agencies to develop a new stream of energy savings projects. Energy audits are being conducted. From planning to loan approval to completion, these projects can take many years depending on the complexity. Actual energy savings are calculated one year or more from the installation of equipment. This report provides both actual savings where available or estimated savings, as indicated.

Fund Balance

Initial allocation of ARRA funds from the CEC	2009-10	\$25,000,000
Additional ARRA funds from the CEC	2012-13	\$2,630,725
	2013-14	\$113,223
	2015-16	\$16,834,925
	2016-17	\$5,000,000
	2017-18	\$2,689,606
	2018-19	\$1,302,054
	2019-20	-
	2020-21	-
	2021-22	-

Total ARRA Funding		\$53,570,533
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Repayments of principal to date		\$35,082,416.79
Interest earned to date		\$7,279,537.41

Total accrued funds		\$95,932,487.20
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Allocated to loans, including loans pending approval		(\$81,125,462)
Administrative expense 2009-22		(\$1,299,522)

Fund Balance		\$16,916,518.70
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