

Greenhouse Gas Reduction Fund Programs – Implementation Status (as of 1-30-2015)

Agency / Program	Appropriations		Program Categories Identified by Implementing Agencies	Agency Allocation of Funds by Project (\$M)	Expenditure Record	Type of Award Process	Program Guidelines	Solicitation of Proposals	Award of Funding
	2013-14 (\$M)	2014-15 (\$M)							
High Speed Rail (HSRA) Construction of the initial construction segment in the Central Valley and further environmental and design work on the statewide system. The Budget also provides an ongoing commitment that allows for the advancement of the project on multiple segments concurrently, which yields cost savings and creates an opportunity for earlier potential private sector investment. These investments in the high-speed rail system will alleviate pressure on California's current transportation network and will provide both environmental and economic benefits.		\$59	Planning/Design	\$59	Complete	State Implemented	N/A	N/A	N/A
		\$191	Right-of-way acquisition and construction of Initial Operating Segment	\$191					
Transit and Intercity Rail Capital Program (CalSTA) Competitive grant program for rail and bus transit operators for capital improvements to integrate state and local rail and other transit systems, including those located in disadvantaged communities, and those that provide connectivity to the high-speed rail system. The Transportation Agency will prepare a list of projects recommended for funding, to be submitted to the California Transportation Commission for programming and allocation.		\$25	Connectivity to existing/future rail systems by adding new rail cars/engines Increase service and reliability, and decrease travel times, of intercity and commuter rail systems Rail integration (e.g. integrated ticketing/scheduling)	\$25		Competitive	Feb 2015	Feb-Apr 2015	August 2015
Low Carbon Transit Operations Program (Caltrans to local agencies) Support new or expanded bus and rail services, with an emphasis on disadvantaged communities. Expenditures are required to result in an increase in transit ridership and a decrease in GHG emissions.		\$25	New/expanded bus or rail services or expanded intermodal transit facilities Equipment, fueling, and maintenance to support improved transit service or facilities	\$25	Submitted	Formula based list of acceptable projects	Dec 2014	Feb 2015-April 2015	June 2015
Affordable Housing and Sustainable Communities (SGC and member agencies) Implementation of sustainable communities strategies required by SB 375, and to provide similar support to other areas with GHG reduction policies, but not subject to SB 375 requirements. Projects that benefit disadvantaged communities will be given priority. Also, projects will reduce GHG emissions by increasing transit ridership, active transportation (walking/biking), affordable housing near transit stations, preservation of agricultural land, and local planning that promotes infill development/reduces VMT.		\$130	Transit-oriented development, e.g. affordable housing near transit	\$125		Competitive	Jan 2015	Jan-Apr 2015	June 2015
			Transit capital projects						
			Active transportation/complete streets						
			Agricultural land preservation	\$5					
Low Carbon Transportation (ARB) Accelerate the transition to low carbon freight and passenger transportation, with a priority for disadvantaged communities. This investment will also support the Administration's goal to deploy 1.5 million zero-emission vehicles in California by 2025. ARB administers existing programs that provide rebates for zero-emission cars and vouchers for hybrid and zero-emission trucks and buses. These expenditures will respond to increasing demand for these incentives, as well as provide incentives for the pre-commercial demonstration of advanced freight technology to move cargo in California, which will benefit communities near freight hubs.	\$20	\$111	Passenger ZEV rebates	\$131	Complete	N/A	Ongoing	Ongoing	Ongoing
	\$10	\$5	Heavy duty hybrid/ZEV trucks and buses	\$15					
		\$50	Freight demonstration projects	\$50					
		\$9	Truck and bus pilot projects in disadvantaged communities	\$9					
		\$25	Light duty pilot projects in disadvantaged communities (e.g. car sharing, financing, etc.)	\$25					

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Weatherization Upgrades/Renewable Energy (CSD) Installation of energy efficiency and renewable energy projects in single and multifamily low-income housing units within disadvantaged communities. Weatherization measures typically include weather-stripping, insulation, caulking, water heater blankets, windows, refrigerators, electric water heaters and heating and cooling systems. Renewable measures include installation of solar water heater systems and photovoltaic systems.		\$75	Single-family weatherization and solar hot water heating	\$75	Complete	Existing Service Providers	Jan 2015	N/A	March 2015
			Multi-family weatherization			Competitive	June 2015	Feb-Mar 2015	June 2015
			Solar Photovoltaics			Competitive	Jan 2015	August 2014	February 2015
Energy Efficiency in Public Buildings (CEC) Energy efficiency and energy generation projects in public buildings, including the University of California, the California State University, and courts. Energy savings projects will include lighting systems, energy management systems and equipment controls, building insulation, and heating, ventilation, and air conditioning equipment.		\$20	Building retrofits for energy efficiency	\$20		First-Come First-Served	N/A	March 2015	July 2015
			Energy generation						
Agricultural Energy and Operational Efficiency (CDFA) Projects that reduce GHG emissions from the agriculture sector by capturing greenhouse gases, harnessing greenhouse gases as a renewable bioenergy source, improving agricultural practices and promoting low carbon fuels, agricultural energy, and operational efficiency.	\$10	\$15	Water use efficiency	\$10	JLBC Notice	Competitive	Fall 2014 (1 st Round)	Aug-Sept 2014	Oct 2014
			Dairy digesters	\$12	Complete	Competitive	Winter 2014 (2 nd Round)	Oct-Dec 2014	Jan 2015
			Alternative and renewable fuels	\$3	Complete	State Implemented	Jan 2015	Jan-Feb 2015	June 2015
Water Action Plan - Water-Energy Efficiency (DWR) Funding for grants that support water use efficiency and conservation projects, and leak detection and repair projects that reduce GHG emissions, with additional consideration given to disadvantaged communities. The funding will also support projects at the Thermalito and Hyatt State Water Project facilities.	\$30		Efficient hydro energy turbines	\$10		State Implemented	N/A	N/A	N/A
			Water conservation & efficiency grants	\$20	JLBC Notice	Competitive	Oct 2014	Oct-Dec 2014	April-May 2015
Water Action Plan - Wetlands and Watershed Restoration (DFW) Implement projects that provide carbon sequestration benefits, including restoration of wetlands (including those in the Delta), coastal watersheds and mountain meadows.		\$25	Delta coastal wetlands	\$25	Submitted	Competitive	Nov 2014	Nov 2014	March 2015
			Mountain meadows						
			Water efficiency on DFW lands						
Fire Prevention and Urban Forestry (CAL FIRE) Urban forests in disadvantaged communities and forest health restoration and reforestation projects that reduce wildfire risk and increase carbon sequestration. These expenditures will enhance forest health and reduce fuel loads in light of climate change increasing wildfire intensity and damage.		\$42	Forest Legacy	\$24	Submitted	Competitive	October 2014	Oct 2014-Mar 2015	August 2015
			Forest Pest Control			Competitive		Oct 2014-Mar 2015	August 2015
			Fuels Reduction			Competitive		Oct 2014-Mar 2015	August 2015
			Programmatic Timberland EIRs					To be Announced	
			Reforestation			Competitive		Oct 2014-Mar 2015	August 2015
			Research			Competitive		Oct 2014-Mar 2015	June 2015
Urban Forestry	\$18	Competitive	Oct 2014-Mar 2015	May 2015					
Waste Diversion (CalRecycle) Financial incentives for capital investments that expand waste management infrastructure, with a priority in disadvantaged communities.		\$25	Organics composting/digestion grants	\$15	Complete	Competitive	Mar 2014	May-Jun 2014	Nov 2014
			Increased recycling manufacturing	\$5				Jun-Jul 2014	Nov 2014
			Organics and recycling project loans	\$5				Nov-Feb 2015	April 2015
Total	\$70	\$832							

Note: Future dates are estimates and subject to change.