



Senate District 12

Senator
Anthony Cannella



The economic benefits of California's climate policies in-district to date:



\$1.9 Billion

Documented in-district investment in renewable energy, energy efficiency, transportation, and other climate projects



13,100 Jobs

In the local advanced energy economy



\$398 Million

Cap and Trade funds allocated to the district



11% of Cap and Trade funds
benefit disadvantaged communities



211,425 Cars off the road
emission reduction equivalent

As of April 2017

Breakdown of benefits from all climate policies to date:

Renewable Generation



\$1.57 Billion Invested
9,964 Projects
1,064 Megawatts

Transportation



\$21.6 Million in Incentives
491 EV Rebates
28 Public EV Stations

Energy Efficiency



\$135 Million Invested
5,286 Projects

Other Climate Investment



\$148.6 Million Invested
\$15.5 Million
Returned to Ratepayers

In-district Cap and Trade fund distribution:

Program Name	Total Dollars Implemented	GHG Reductions (MTCO2e)	Number of Projects	# of Projects Benefitting Disadvantaged Communities	Dollars Benefitting Disadvantaged Communities
District 12					
Clean Vehicle Rebate Project (CVRP)	972685	18994	425	412	\$ 944,647
Dairy Digester Research and Development	3254521	498911	2	2	\$ 3,254,521
Enhanced Fleet Modernization Program Plus-Up	345500	363	71	71	\$ 345,500
Enhanced Fleet Modernization Program Plus-Up	92500	267	29	29	\$ 92,500
Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project	398000	958	13	13	\$ 398,000
Low Carbon Transit Operations Program	1121801	3323.37	6	6	\$ 1,121,801
Organics Composting/Digestion Grants	3000000	137200	1	1	\$ 3,000,000
Public Fleet Pilot Project (PFP)	103091	382	19	19	\$ 103,091
Single-Family Solar PV	3142097	9389	218	218	\$ 3,142,097
Single-Family/Small Multi-Family Energy Efficiency and Solar Water Heating	541284	6036	599	599	\$ 541,284
Statewide Water Efficiency Enhancement Program	8783534	275547	78	33	\$ 3,160,309
Water-Energy Grant Program	2670684	12912	11182	8515	\$ 2,034,263
Districts 12,13					
Statewide Water Efficiency Enhancement Program	150000	163	1	1	\$ 150,000
Districts 12,14					
Low Carbon Transit Operations Program	69760	0	1	1	\$ 69,760
Districts 12,17					
Low Carbon Transit Operations Program	75254	113.18	2	2	\$ 75,254
Transit and Intercity Rail Capital Program	10000000	9964	1	1	\$ 10,000,000
Districts 12,5,8					
Low Carbon Transit Operations Program	173076	17.16	1	1	\$ 173,076
Districts 5,12,22,20,29,32,33					
Urban and Community Forestry	750000	8015	1	1	\$ 750,000
Districts 5,8,12					
Low Carbon Transit Operations Program	208908	21.53	2	2	\$ 208,908
Districts 5,8,12,14,16					
Zero Emission Truck and Bus Pilot Commercial Deployment Projects	13416215	16924	1	1	\$ 13,416,215
Districts 8,12					
Low Carbon Transit Operations Program	83827	5.56	2	2	\$ 83,827
Districts 8,12,14					
High Speed Rail	348024894	0	1	0	\$ -
Low Carbon Transit Operations Program	208734	534.41	1	1	\$ 208,734
Grand Total	\$ 397,586,365	1,000,040	12657	9931	\$ 43,273,787

Sources:

Job data: DOE U.S. Energy and Employment Report, 2017 | CO2 Equivalents: <https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator> | Total Investments: Kevala Analytics |

GGRF data: <http://www.arb.ca.gov/cc/capandtrade/auctionproceeds/auctionproceeds.htm>

Other climate investment includes water projects, recycling programs, forestry initiatives, utility ratepayer credits, and dairy projects.