



Good for the Economy.
Good for the Environment.

Senate District 17

Senate Member Bill Monning



California's climate leadership attracts investment and creates jobs.

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



\$2.6 Billion

Documented in-district investment in renewable energy, energy efficiency, clean transportation, and other GHG mitigation projects



15,911 Jobs

In the district's clean energy economy



\$36 Million

Cap and Trade funds implemented in district



55% of Cap and Trade Funds

Benefit disadvantaged communities



105,873 Equivalent Car Emissions Avoided

Avoided equivalent greenhouse gas emissions resulting from GGRF funded projects

Created July 2018

Jobs, public investment (GGRF), and emissions data current through 2017; private investment data current through 2016; California Climate Credit data from 2015

Breakdown of in-district benefits from climate policies to date:

Renewable Generation



\$2.3 Billion
in Private Investment
5,746 Jobs

Transportation



\$2.5 Billion
in Private Investment

Energy Efficiency



\$91.2 Million
in Private Investment
8,748 Jobs

Other Climate Investment



\$23.8 Million
Credited to Ratepayers
From Cap and Trade

In-district Cap and Trade dollars implemented through 2017:

District 17, Bill Monning

Senate District & Program Name	Dollars implemented	GHG Reductions (MTC02e)	Number of Projects	Dollars to Disadvantaged Communities
CALFIRE Forest Health Programs	\$ 1,017,533	17,448	2	\$ -
Clean Vehicle Rebate Project	\$ 9,202,072	148,138	4,278	\$ 2,600,892
Financing Assistance Incentives Pilot	\$ 8,800	3	1	\$ 8,800
Hybrid and Zero Emission Truck and Bus Voucher Incentive Project	\$ 424,688	741	13	\$ 72,534
Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project	\$ 212,700	985	10	\$ 24,610
Low Carbon Transit Operations Program	\$ 1,232,359	46,803	4	\$ 709,292
Public Fleets Increased Incentives	\$ 20,000	20	2	\$ 20,000
Single-Family Energy Efficiency and Solar PV	\$ 19,425	117	3	\$ 19,425
Single-Family Solar PV	\$ 4,174	21	1	\$ 4,174
Single-Family/Small Multi-Family Energy Efficiency and Solar Water Heating	\$ 10,158	96	25	\$ 10,158
State Water Efficiency and Enhancement Program	\$ 4,933,179	7,784	37	\$ -
State Water Efficiency Program	\$ 2,419,354	229,558	34	\$ 23,949
Sustainable Agricultural Lands Conservation	\$ 99,095	-	1	\$ -
Water Energy Grant Program	\$ 461,384	5,792	1,194	\$ 197,250
Wetlands and Watershed Restoration	\$ 2,996,768	13,056	1	\$ 2,996,768
Grand Total	\$ 36,196,455	494,425	5,959	\$ 19,822,618

This chart displays a subset of Cap and Trade funded projects in this district. To view the full list of projects please visit: <http://www.arb.ca.gov/cc/capandtrade/auctionproceeds/auctionproceeds.htm>

Sources:

Job data: 2018 United State Energy Employment Report; <https://www.usenergyjobs.org/> | Private Investment data, California climate credits returned to rate payers, and breakdown of benefits from all climate policies to date: Kevala Analytics | GGRF and emission reductions data: <http://www.arb.ca.gov/cc/capandtrade/auctionproceeds/auctionproceeds.html>

CO2 Equivalencies: <https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>