



Good for the Economy.
Good for the Environment.

Senate District 6

Senate Member Richard Pan



California's climate leadership attracts investment and creates jobs.

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



\$240 Million

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



9,257 Jobs

In the district's clean energy economy



\$68 Million

Cap and Trade funds implemented in district



93% of Cap and Trade Funds

Benefit disadvantaged communities



47,339 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



\$112.1 Million
in Private Investment
1,908 Jobs

Transportation



\$25.6 Million
in Private Investment

Energy Efficiency



\$34.9 Million
in Private Investment
6,330 Jobs

Other Climate Investment



\$1.3 Million
Credited to Ratepayers
From Cap and Trade

In-district Cap and Trade dollars implemented through 2017:

District 6, Richard Pan

Senate District & Program Name	Dollars Implemented	GHG Reductions (MTC02e)	Number of Projects	Dollars to Disadvantaged Communities
Affordable Housing and Sustainable Communities	\$ 4,130,888	29,374	1	\$ 4,130,888
Alternative and Renewable Fuels Program	\$ 3,000,000	-	1	\$ -
Car Sharing and Mobility Options Pilot	\$ 1,000,000	730	1	\$ 1,000,000
Clean Vehicle Rebate Project	\$ 4,001,995	54,190	1,637	\$ 2,951,715
Hybrid and Zero Emission Truck and Bus Voucher Incentive Project	\$ 72,534	171	3	\$ 72,534
Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project	\$ 49,220	210	2	\$ 49,220
Large Multi-Family Energy Efficiency and Renewables	\$ 1,316,995	5,615	271	\$ 1,316,995
Low Carbon Transit Operations Program	\$ 3,296,112	1,574	13	\$ 3,296,112
Public Fleets Increased Incentives	\$ 132,000	162	17	\$ 132,000
Public Fleets Increased Incentives Pilot	\$ 365,000	1,700	44	\$ 365,000
Single-Family Energy Efficiency and Solar PV	\$ 3,224,537	7,673	271	\$ 3,224,537
Single-Family Solar PV	\$ 2,015,667	4,198	111	\$ 2,015,667
Single-Family/Small Multi-Family Energy Efficiency and Solar Water Heating	\$ 726,285	3,738	537	\$ 726,285
Urban and Community Forestry	\$ 1,035,395	4,008	140	\$ 1,035,395
Water Energy Grant Program	\$ 1,821,508	47,625	4,106	\$ 1,001,076
Zero-Emission Truck and Bus Pilot	\$ 7,535,643	7,780	1	\$ 7,535,643
Grand Total	\$ 67,770,095	221,071	7,476	\$ 62,865,255

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>