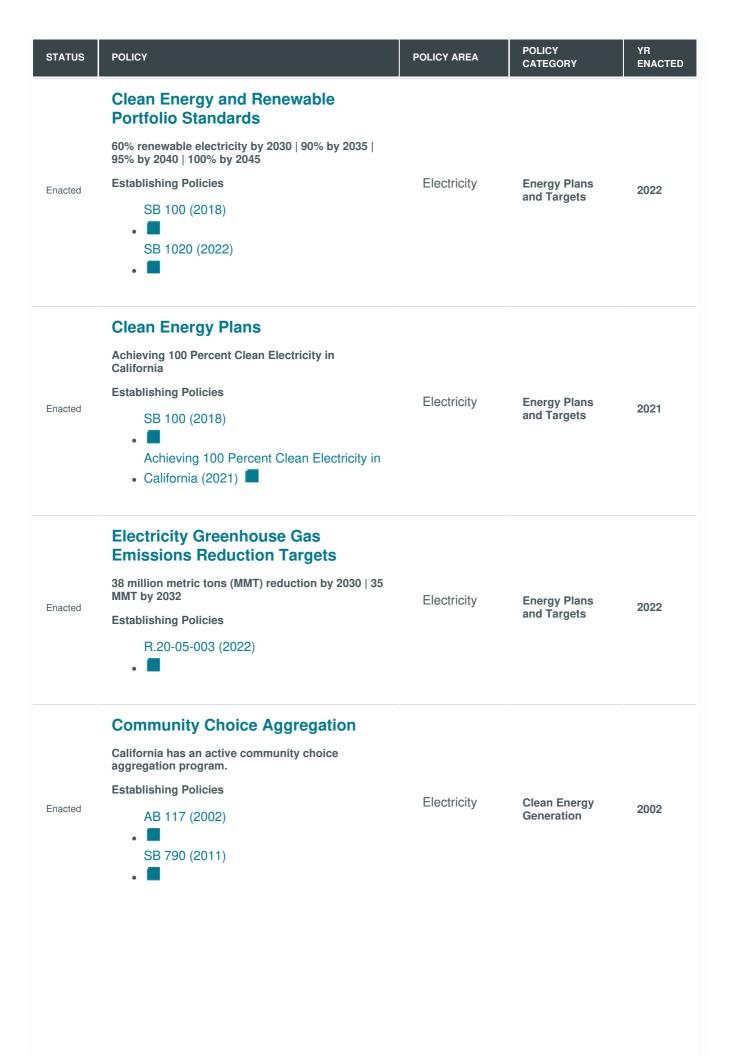
STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YR ENACTED
Enacted	Climate Action Plans 2022 Scoping Plan for Achieving Carbon Neutrality Establishing Policies AB 32 - Global Warming Act of 2006 (2006) 2022 Scoping Plan for Achieving Carbon Neutrality (2022)	Climate Governance and Equity	Climate Governance	2022
Enacted	Climate Advisory Bodies Independent Emissions Market Advisory Committee Establishing Policies AB 398 (2017) Independent Emissions Market Advisory Committee	Climate Governance and Equity	Climate Governance	2017
Enacted	Climate Bureaucracy Climate Action Team Establishing Policies Executive Order S-3-05 (2005) Climate Action Team	Climate Governance and Equity	Climate Governance	2005
Enacted	Greenhouse Gas Emissions Reduction Targets 40% by 2030 85% and carbon neutral by 2045 Relative to 1990 levels Establishing Policies SB-32 (2016) AB 1279 (2022)	Climate Governance and Equity	Climate Governance	2022

STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YR ENACTED
Enacted	State Greenhouse Gas Emissions Inventory The 2000-2022 Greenhouse Gas Inventory was published in September 2024.	Climate Governance and Equity		
	SB-32 (2016) • 2000-2022 Greenhouse Gas Inventory • (2024)		Climate Governance	2024
Not Enacted	Cumulative Impact Assessment Cumulative impact assessments determine the health and environmental impacts of renewing or granting a permit for certain pollution-generating facilities in environmental justice communities. Increased pollution burdens in communities may result in the permit application being denied.	Climate Governance and Equity	Environmental Justice and Equity	
Enacted	Environmental Justice Advisory Bodies Environmental Justice Advisory Committee Disadvantaged Community Advisory Group Establishing Policies Environmental Justice Advisory Committee Disadvantaged Community Advisory Group	Climate Governance and Equity	Environmental Justice and Equity	
Enacted	Environmental Justice Bureaucracy Office of the Attorney General – Bureau of Environmental Justice CalEPA – Environmental Justice Task Force CARB – Environmental Justice Section Establishing Policies Office of the Attorney General – Bureau of Environmental Justice CalEPA – Environmental Justice Task Force CARB – Environmental Justice Section	Climate Governance and Equity	Environmental Justice and Equity	

POLICY STATUS **POLICY POLICY AREA CATEGORY ENACTED Environmental Justice Community Definitions** "Disadvantaged communities" are the 25% highest scoring census tracts from CalEnviroScreen, which includes areas burdened by combinations of poverty, high unemployment, air and water Climate pollution, presence of hazardous wastes, and/or high incidence of asthma and heart disease, as **Environmental** Governance Enacted Justice and 2012 well as all Tribal lands. and Equity **Equity Establishing Policies** SB 535 (2012) SB 535 Disadvantaged Communities **Environmental Justice Community Investment Requirements** At least 25% of investments from cap-and-trade Climate revenue must go to disadvantaged communities **Environmental** and 10% to low-income communities, individuals, Governance Enacted Justice and 2016 and households. and Equity **Equity Establishing Policies** AB 1550 (2016) **Environmental Justice Mapping Tools** Climate CalEnviroScreen **Environmental** Governance 2014 Enacted Justice and **Establishing Policies** and Equity **Equity** CalEnviroScreen (2014) **Just Transition Advisory Bodies** Just transition advisory bodies write or advise on a Climate state's just transition plan or report, and make Governance Not recommendations on ways to support affected **Just Transition** Enacted workers, communities, and industries. The bodies and Equity can consist of all non-government members, or be a mix of government and non-government members. **Just Transition Funds** Climate Just transition funds support initiatives and Governance Not investments aimed at facilitating the equitable **Just Transition** Enacted transition of workers and communities affected by and Equity shifts in industries or policies that transition from fossil fuels.

POLICY STATUS **POLICY POLICY AREA CATEGORY ENACTED Just Transition Offices and Staff** Just transition offices and staff assist workers and Climate communities transitioning away from fossil fuel Not Governance extraction and use, typically through retraining **Just Transition** Enacted programs and support with relocation and and Equity economic diversification. Offices and staff also coordinate with other state agencies to effectively design policy to achieve a just transition. **Just Transition Plans** Just transition plans are documents that outline Climate policies and recommendations aimed at supporting Governance Not communities, workers, and industries affected by **Just Transition** Enacted the transition away from fossil fuels. The plans and Equity often focus on workforce development and retraining, job creation, and economic diversification. **Green Banks** California Infrastructure and Economic **Development Bank Establishing Policies** California Government Code Title 6.7, Cross-Division 1, Chapter 1 section 63002 **Climate Finance** Enacted 1944 Sector • (1944) AB 78 (2020) California Infrastructure and Economic Development Bank **Carbon Pollution Pricing** California's Cap-and-Trade Program covers the electricity, buildings, transportation, and industrial sectors, covering around 80% of state emissions. Cross-**Establishing Policies** Carbon Enacted 2012 Sector Valuation Title 17, CCR, sections 95801-96022 • (2018) California's Cap-and-Trade Program **Social Cost of Carbon** The California Air Resources Board (CARB) must incorporate the social cost of carbon when adopting rules and regulations around emissions Cross-Carbon reductions. 2016 Enacted Valuation Sector **Establishing Policies** AB 197 (2016)



POLICY STATUS **POLICY POLICY AREA CATEGORY ENACTED Distributed Generation/Solar Carve-**The State Policy Opportunity Tracker (SPOT) breaks clean energy policies down into "components", which are binary questions to evaluate policy quality. Higher quality policies have more of their SPOT components fulfilled. Electricity Not **Clean Energy** Enacted Generation **Establishing Policies** SPOT - Distributed Generation/Solar Carve-out in California **Policy Components** 0/5 **Net Metering** The State Policy Opportunity Tracker (SPOT) breaks clean energy policies down into "components", which are binary questions to evaluate policy quality. Higher quality policies have more of their SPOT components fulfilled. **Establishing Policies** Partially Electricity Clean Energy Generation Enacted SPOT - Net Metering in California SPOT - Aggregate Net Metering in California **Policy Components** 10/11 **Shared Renewables** The State Policy Opportunity Tracker (SPOT) breaks clean energy policies down into "components", which are binary questions to evaluate policy quality. Higher quality policies have more of their SPOT components fulfilled. Partially Electricity Clean Energy **Establishing Policies** Enacted Generation SPOT - Shared Renewables in California **Policy Components** 4/6

STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YR ENACTED
Enacted	Energy Storage Targets 1,385 megawatts (MW) of storage by 2020, of which 500 MW must be distributed storage, and 15 gigawatts (GW) of storage and demand response by 2032 Establishing Policies AB 2514 (2010) AB 2868 (2016) R.20-05-003 (2021)	Electricity	Transmission, Distribution, and Energy Storage	2021
Enacted	Interconnection Standards California received a B grade from Freeing the Grid. Establishing Policies Freeing the Grid California Grade (2023)	Electricity	Transmission, Distribution, and Energy Storage	2023
Not Enacted	Coal Phaseouts Coal phaseouts establish a target year by which states must end coal-fired power generation.	Electricity	Coal Retirement	
Not Enacted	Coal Plant Securitization Coal securitization is a financing tool that allows utility companies to refinance debt they issued to build coal plants and close the facilities early without taking a financial hit or passing costs on to ratepayers.	Electricity	Coal Retirement	
Enacted	Commercial Energy Codes The statewide energy code for commercial building construction is the California 2022 Energy Code. Establishing Policies California State Energy Code (2021)	Buildings and Efficiency	Building Codes	2021

STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YR ENACTED
Enacted	Residential Energy Codes The statewide energy code for residential construction is the California 2022 Energy Code. Establishing Policies California State Energy Code (2021)	Buildings and Efficiency	Building Codes	2021
Not Enacted	Stretch Building Energy Codes Stretch building energy codes are an optional, more stringent building code established by the state that local jurisdictions can adopt to require that newly constructed buildings are more efficient than the baseline state codes.	Buildings and Efficiency	Building Codes	
Enacted	Appliance Standards The Appliance Efficiency Regulations apply to over 70 products. Establishing Policies California Code of Regulations, Title 20, Sections 1601 - 1609 (2019) Appliance Efficiency Regulations - Title 20 •	Buildings and Efficiency	Building Standards	2019
Not Enacted	Building Performance Standards Building performance standards establish energy and/or greenhouse gas performance targets for existing buildings in a state. These targets increase in stringency over time, leading to efficiency improvements in buildings to conserve energy and reduce emissions.	Buildings and Efficiency	Building Standards	
Not Enacted	Clean Heat Standards Clean heat standards establish a performance standard requiring heat providers to deliver a gradually-increasing percentage of low-emission heating services to customers.	Buildings and Efficiency	Building Standards	

POLICY STATUS **POLICY POLICY AREA CATEGORY ENACTED Energy Efficiency Resource** Standards (EERS) Electric utilities are required to achieve savings targets ranging from 1737.3 gigawatt hours (GWh) to 8,482.8 GWh for 2024-2035, depending on the utility. Gas utilities are required to achieve savings Buildings targets ranging from 17.1 million metric therms **Building** (MMTherms) to 189.3 MMTherms for 2024-2035, 2023 Enacted and Efficiency Efficiency depending on the utility. **Establishing Policies** Rulemaking 13-11-005 (2023) Decision 23-08-005 (2023) **Property Assessed Clean Energy** (PACE) California has enacted residential and commercial PACE-enabling legislation and has active Buildings **Building** programs. and Efficiency Enacted 2007 **Efficiency Establishing Policies** AB 811 (2007) **Weatherization Funding** The State Policy Opportunity Tracker (SPOT) breaks clean energy policies down into "components", which are binary questions to evaluate policy quality. Higher quality policies have more of their SPOT components fulfilled. **Buildings** Partially **Building Establishing Policies** and Efficiency Enacted Efficiency SPOT - Weatherization Funding in California **Policy Components** 3/4 **All-Electric Buildings** Phases out natural gas burning furnaces and hotwater heaters in new buildings by 2030 **Buildings** Building 2022 Enacted **Establishing Policies** and Efficiency Electrification Strategy for the State Implementation Plan • (2022)

STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YR ENACTED
Enacted	Electric Vehicle Rebates The Clean Vehicle Rebate Program offers rebates for new electric vehicles (EVs): up to \$7,500 for battery and hydrogen fuel cell EVs, \$6,500 for plugin hybrid EVs, and \$750 for zero-emission motorcycles. Establishing Policies California Health and Safety Code 44274 (2009) California Health and Safety Code 44258 (2009) Clean Vehicle Rebate Program	Transportation	Light-Duty Vehicles	2009
Enacted	Low-Emission Vehicle (LEV) Standards California LEV Program Establishing Policies Section 1961.4, Title 13, CCR (2022) California LEV Program California LEV Program	Transportation	Light-Duty Vehicles	2022
Enacted	Zero-Emission Vehicle (ZEV) Mandates Model Year (MY) 2026: 35% of new passenger vehicle sales are ZEVs MY 2030: 68% of new sales are ZEVs MY 2035: 100% of new sales are ZEVs, with up to 20% being hybrid or hydrogen-powered vehicles. Establishing Policies Section 1961.4, Title 13, CCR: Advanced Clean Cars II (2022) Advanced Clean Cars II Program	Transportation	Light-Duty Vehicles	2022
Enacted	Low NOx Omnibus Rules The Low NOx Omnibus Rule applies to Model Year 2024 onwards. Establishing Policies Heavy-Duty Engine and Vehicle Omnibus Regulation (2020)	Transportation	Medium- and Heavy-Duty Vehicles	2020

POLICY STATUS **POLICY POLICY AREA CATEGORY ENACTED** Medium- and Heavy-Duty (MHD) **Zero-Emission Vehicle (ZEV) Mandates** By 2035: 55% of Class 2b-3 truck sales are zeroemissions | 75% of Class 4-8 straight truck sales are zero emissions | 40% of Class 7-8 tractor sales are zero-emissions. MY 2036: 100% of truck sales must be ZEVs. By vehicle class: - Drayage trucks - 2024: New trucks must be ZEV | 2035: 100% of drayage trucks must be ZEVs - Public MHDVs - 2027: 100% of the state's fleet must be ZEVs Medium- and Enacted **Heavy-Duty** 2021 Transportation - "High-priority fleets", defined as companies with **Vehicles** at least 50 trucks owned and operated in the state or with more than \$50 million in annual revenue -By 2042: 100% ZEVs **Establishing Policies** Advanced Clean Trucks Rule (2021) Advanced Clean Fleets Rule (2023) Advanced Clean Trucks Program Advanced Clean Fleets Program **Medium- and Heavy-Duty Electric** Vehicle (EV) Rebates Medium- and Not Medium- and heavy-duty (MHD) electric vehicle Transportation **Heavy-Duty** Enacted rebates consist of programs and policies that offer **Vehicles** rebates to make MHD electric vehicles more affordable to increase their adoption in a state. **Electric Bus Procurement Targets** 100% of public transit agencies' bus fleets are zero-emission by 2040 100% of newly purchased or contracted school buses are zero-emission by 2035 Lead by 2023 Enacted Transportation **Establishing Policies** Example Innovative Clean Transit regulation (2018) AB 579 (2023)

POLICY STATUS POLICY **POLICY AREA CATEGORY ENACTED Public Fleet Electric Vehicle (EV) Procurement Targets** 50% of newly purchased light-duty vehicles in the state fleet each year are ZEVs 15% of newly purchased medium- and heavy-duty vehicles (MDHVs) in the state fleet are ZEVs by 2026 | 30% are ZEVs by 2030 Lead by Enacted 2017 Transportation **Example Establishing Policies** SB 498 (2017) AB 739 (2017) **Electric Vehicle (EV) Charging** Infrastructure Rebates The California Electric Vehicle Infrastructure Project (CALeVIP) offers rebates for the purchase and installation of publically available Level 2 and **EV** Charging Enacted direct current (DC) fast chargers. Transportation Infrastructure **Establishing Policies** California Electric Vehicle Infrastructure Project (CALeVIP) **Electric Vehicle (EV) Charging Infrastructure Requirements** Requires EV charging infrastructure for certain new single- and two-family dwellings, as well as at least 10% of parking spaces designated for EVs in new multifamily dwellings. For new nonresidential buildings, requires one EV parking space for buildings with 10+ total parking spaces, increasing **EV** Charging the required number of EV spaces incrementally up 2022 Enacted Transportation Infrastructure to 200 spaces; for developments with 200+ spaces, at least 6% of total spaces must be designated for EVs. **Establishing Policies** AB 2097 (2022) Electric Vehicle (EV) and EV **Charging Infrastructure Plans** 2018 Zero-Emission Vehicle Action Plan Priorities **Transportation Update** Plans and 2018 Enacted Transportation **Establishing Policies Targets** 2018 Zero-Emission Vehicle Action Plan Priorities Update (2018)

STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YR ENACTED
Enacted	Low Carbon Fuel Standards California Low Carbon Fuel Standard Program Establishing Policies Title 17, CCR, sections 95480-95503 • (2010) California Low Carbon Fuel Standard • Program	Transportation	Transportation Plans and Targets	2010
Enacted	Transportation Greenhouse Gas Emissions Reduction Targets CARB has set regional GHG targets for each metropolitan planning organization for 2020 and 2035, ranging between a 3-19% decrease in per capita emissions by 2035, relative to 2005 emissions levels. Establishing Policies SB 375 (2008) SB 375 Regional Plan Climate Targets (2018)	Transportation	Transportation Plans and Targets	2018
Enacted	Bicycle Friendly States California is ranked 4th out of 50 in the 2022 Bicycle Friendly State rankings by the League of American Bicyclists. Establishing Policies California Bicycle Friendly State Scorecard Policy Components 5/5	Transportation	Public and Active Transportation	

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State agencies must consider the emissions performance of suppliers when procuring steel, flat glass, and mineral wool insulation for state infrastructure projects.

The state must achieve a 40% reduction in cement emissions by 2035, and net-zero by 2045, relative to 2019 levels.

CARB must also develop a framework for measuring and reducing the embodied carbon of building construction materials, primarily at the materials production stage, and can utilize an embodied carbon trading system as a potential path to achieve the required GHG reductions.

Industry,
Materials, and
Waste
Management

Industrial Decarbonization

2021

Enacted

Establishing Policies

AB 262 (2017)

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SB 596 (2021)

AB 2446 (2022)

AB 43 (2023)

Hydrofluorocarbon (HFC) Regulations

The state has a target to reduce HFC emissions to 40% below 2013 levels by 2030.

The state prohibits certain HFCs in specific stationary refrigeration and air-conditioning enduses.

Enacted

Establishing Policies

SB 1383 (2016)

SB 1013 (2018)

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Industry, Materials, and Waste Management

F-gas Regulations

2018

POLICY STATUS **POLICY POLICY AREA CATEGORY ENACTED** Sulfur Hexafluoride (SF6) Regulations From 2011-2020, the annual maximum rate of SF6 emissions was reduced by 1 percent each year. Since 2020, the maximum SF6 emissions rate cannot exceed 1 percent for any owners of SF6insulated switchgear. Industry, Starting in 2025, utilities are restricted from Materials, and purchasing SF6 equipment after certain dates, F-gas Enacted require new emissions limits, set reporting 2022 Waste Regulations requirements, and maintain gas-insulated Management equipment inventories. **Establishing Policies** Title 17, CCR, sections 95350 et. seq. • (2022) **Electricity Transmission and Distribution** Greenhouse Gas Emissions **Fracking Bans** The Department of Conservation's Geologic **Energy Management (CalGEM) Division prohibits** issuing new permits to conduct well stimulation treatments, including fracking, for oil and gas wells. Industry, **Establishing Policies** Materials, and Oil and Gas Executive Order N-79-20 (2020) 2024 Enacted Waste Regulations Management Governor Newsom Takes Action to Phase Out Oil Extraction in California (2021) Division 2, Chapter 4, Subchapter 2, Article 4, section 1780, title 14, California Code of Regulations (2024) Oil and Gas Methane Regulations Industry, Methane emissions must be reduced 40% below 2013 levels by 2030. Materials, and Oil and Gas 2016 Enacted Waste **Establishing Policies** Regulations Management SB 1383 (2016)

POLICY STATUS POLICY **POLICY AREA CATEGORY ENACTED Food Waste Bans and Targets** Food waste target - 50% reduction by 2020 and 75% by 2025, relative to 2014 levels. Food waste ban - The state requires commercial generators of organic waste to either compost or Industry, anaerobically digest organic waste. Materials, and Waste Enacted **Establishing Policies** 2016 Waste Management Management SB 1383 (2016) California Title 14, Natural Resources-Division 7, Ch. 3.1, Articles 1-3, 5-9 (2016) **Landfill Methane Regulations** Municipal solid waste landfills must reduce methane and other air pollutant emissions through emissions monitoring and through capturing Industry, fugitive methane. Materials, and Waste **Establishing Policies** Enacted 2010 Waste Management Methane Emissions from Municipal Solid Management Waste Landfills Regulation (2010) Landfill Methane Regulation **Agriculture Financial Incentives** The Healthy Soils Program (HSP) Incentives Program provides financial assistance for implementation of conservation management Natural and practices that improve soil health, sequester carbon, and reduce greenhouse gas emissions. Working 2021 Enacted Agriculture **Establishing Policies** Lands • SB 129 (2021) Healthy Soils Program (2022) **Agriculture Technical Assistance Programs** The Healthy Soils Program Demonstration Projects showcase California farmers and rancher's implementation of healthy soil practices, and create a platform for promoting adoption of these Natural and practices throughout the state. Working 2021 Enacted Agriculture **Establishing Policies** Lands SB 129 (2021) Healthy Soils Program

STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YR ENACTED