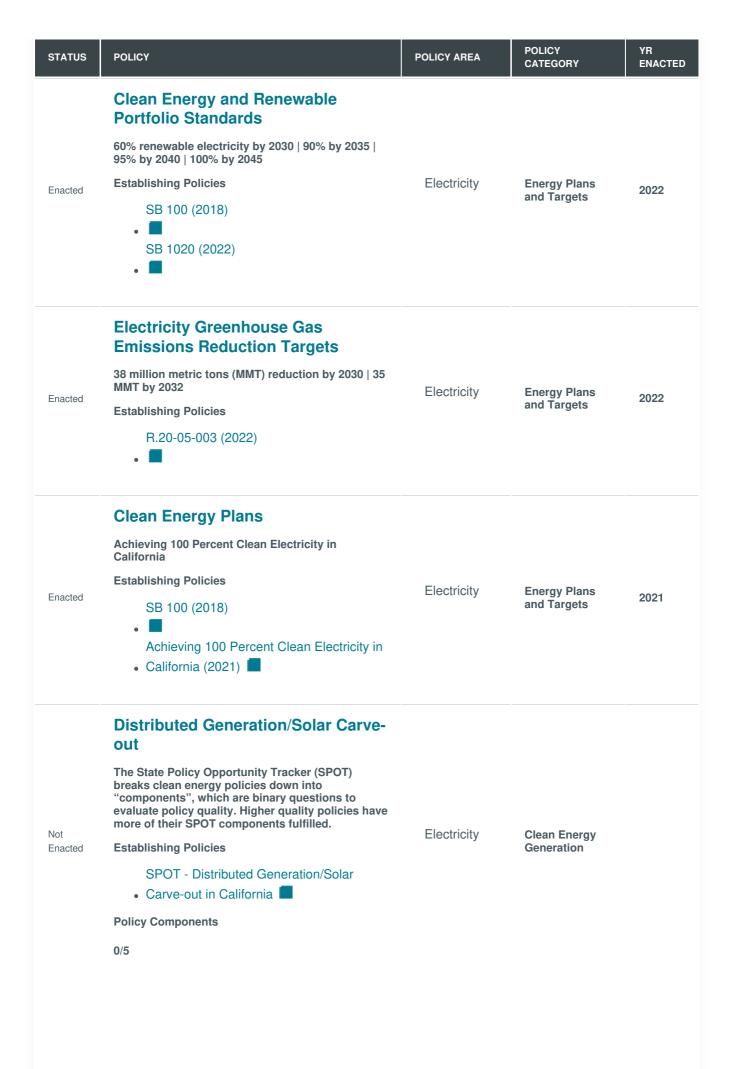
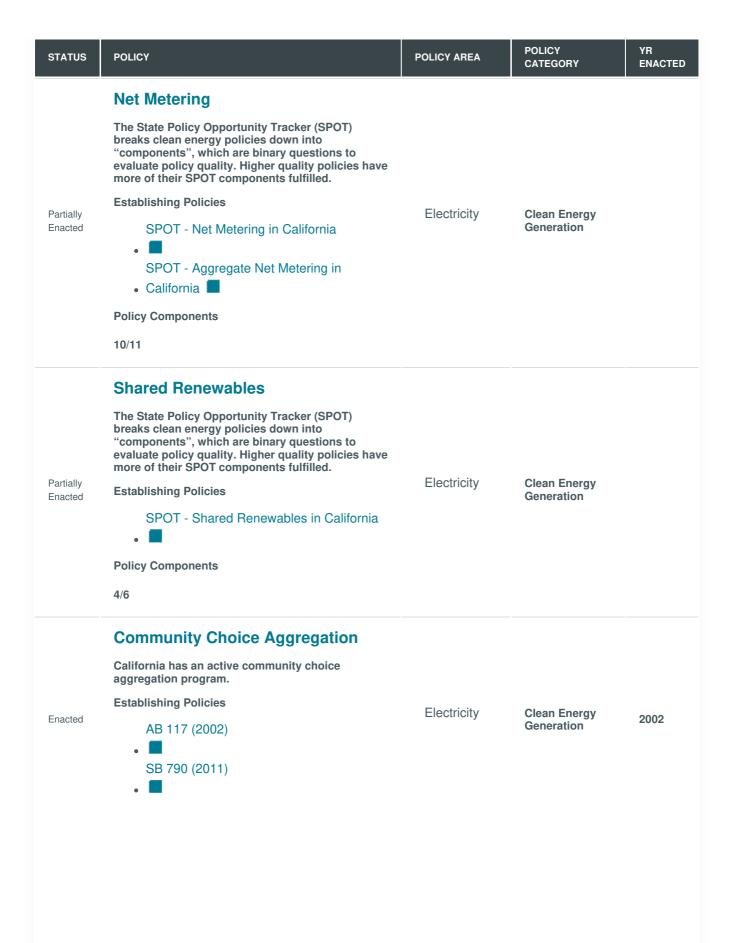


| STATUS  | POLICY   | POLICY AREA                         | POLICY<br>CATEGORY                     | YR<br>ENACTED |
|---------|--|-------------------------------------|--|---------------|
| Enacted | Climate Advisory Bodies Independent Emissions Market Advisory Committee  Establishing Policies  AB 398 (2017)  Independent Emissions Market Advisory Committee   | Climate<br>Governance<br>and Equity | Climate<br>Governance                  | 2017          |
| 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 pollution, presence of hazardous wastes, and/or high incidence of asthma and heart disease, as well as all Tribal lands.  Establishing Policies  SB 535 (2012)  SB 535 Disadvantaged Communities | Climate<br>Governance<br>and Equity | Environmental<br>Justice and<br>Equity | 2012          |
| Enacted | Environmental Justice Mapping Tools  CalEnviroScreen  Establishing Policies  CalEnviroScreen (2014)  | Climate<br>Governance<br>and Equity | Environmental<br>Justice and<br>Equity | 2014          |
| Enacted | Environmental Justice Community Investment Requirements  At least 25% of investments from cap-and-trade revenue must go to disadvantaged communities and 10% to low-income communities, individuals, and households.  Establishing Policies  AB 1550 (2016)  | Climate<br>Governance<br>and Equity | Environmental<br>Justice and<br>Equity | 2016          |

POLICY STATUS **POLICY POLICY AREA CATEGORY ENACTED Environmental Justice Bureaucracy** Office of the Attorney General - Bureau of **Environmental Justice** CalEPA - Environmental Justice Task Force **CARB - Environmental Justice Section** Climate **Establishing Policies Environmental** Governance Enacted Justice and and Equity **Equity** Office of the Attorney General - Bureau of Environmental Justice CalEPA - Environmental Justice Task Force CARB - Environmental Justice Section **Environmental Justice Advisory Bodies Environmental Justice Advisory Committee** Climate **Disadvantaged Community Advisory Group Environmental** Governance **Establishing Policies** Enacted Justice and and Equity **Equity Environmental Justice Advisory**  Committee Disadvantaged Community Advisory Group **Cumulative Impact Assessment** Climate Cumulative impact assessments determine the **Environmental** health and environmental impacts of renewing or Not Governance Justice and granting a permit for certain pollution-generating Enacted and Equity **Equity** facilities in environmental justice communities. Increased pollution burdens in communities may result in the permit application being denied. **Just Transition Plans** Just transition plans are documents that outline Climate policies and recommendations aimed at supporting Governance 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. **Just Transition Offices and Staff** Just transition offices and staff assist workers and Climate communities transitioning away from fossil fuel Governance Not 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.

| STATUS         | POLICY   | POLICY AREA                         | POLICY<br>CATEGORY  | YR<br>ENACTED |
|----------------|--|-------------------------------------|---------------------|---------------|
| Not<br>Enacted | Just Transition Advisory Bodies  Just transition advisory bodies write or advise on a state's just transition plan or report, and make recommendations on ways to support affected workers, communities, and industries. The bodies can consist of all non-government members, or be a mix of government and non-government members. | Climate<br>Governance<br>and Equity | Just Transition     |               |
| Not<br>Enacted | Just Transition Funds  Just transition funds support initiatives and investments aimed at facilitating the equitable transition of workers and communities affected by shifts in industries or policies that transition from fossil fuels.   | Climate<br>Governance<br>and Equity | Just Transition     |               |
| Enacted        | Green Banks  California Infrastructure and Economic Development Bank  Establishing Policies  California Government Code Title 6.7, Division 1, Chapter 1 section 63002  • (1944) AB 78 (2020)  California Infrastructure and Economic  Development Bank  | Cross-<br>Sector                    | Climate Finance     | 1944          |
| Enacted        | Carbon Pollution Pricing  California's Cap-and-Trade Program covers the electricity, buildings, transportation, and industrial sectors, covering around 80% of state emissions.  Establishing Policies  Title 17, CCR, sections 95801-96022  • (2018) California's Cap-and-Trade Program  •  | Cross-<br>Sector                    | Carbon<br>Valuation | 2012          |
| Enacted        | Social Cost of Carbon  The California Air Resources Board (CARB) must incorporate the social cost of carbon when adopting rules and regulations around emissions reductions.  Establishing Policies  AB 197 (2016)   | Cross-<br>Sector                    | Carbon<br>Valuation | 2016          |





| STATUS         | POLICY  | POLICY AREA                 | POLICY<br>CATEGORY                                      | YR<br>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,<br>Distribution,<br>and Energy<br>Storage | 2021          |
| Enacted        | Interconnection Standards California received a B grade from Freeing the Grid. Establishing Policies Freeing the Grid California Grade (2023)   | Electricity                 | Transmission,<br>Distribution,<br>and Energy<br>Storage | 2023          |
| Not<br>Enacted | Coal Phaseouts  Coal phaseouts establish a target year by which states must end coal-fired power generation.  | Electricity                 | Coal Retirement   |               |
| Not<br>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        | Residential Energy Codes  The statewide energy code for residential construction is the California 2022 Energy Code.  Establishing Policies  California State Energy Code (2021)  | Buildings<br>and Efficiency | Building Codes  | 2021          |

| STATUS         | POLICY  | POLICY AREA                 | POLICY<br>CATEGORY    | YR<br>ENACTED |
|----------------|---|-----------------------------|-----------------------|---------------|
| 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<br>and Efficiency | Building Codes        | 2021          |
| Not<br>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<br>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<br>and Efficiency | Building<br>Standards | 2019          |
| Not<br>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<br>and Efficiency | Building<br>Standards |               |
| Not<br>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<br>and Efficiency | Building<br>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<br>CATEGORY                    | YR<br>ENACTED |
|---------|---|----------------|---------------------------------------|---------------|
| 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<br>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<br>Vehicles                | 2022          |
| 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<br>Vehicles                | 2009          |
| 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<br>Heavy-Duty<br>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. **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)

| STATUS  | POLICY  | POLICY AREA    | POLICY<br>CATEGORY                     | YR<br>ENACTED |
|---------|---|----------------|--|---------------|
| Enacted | 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  Establishing Policies  Innovative Clean Transit regulation (2018)  AB 579 (2023)   | Transportation | Lead by<br>Example                     | 2023          |
| Enacted | 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 the required number of EV spaces incrementally up to 200 spaces; for developments with 200+ spaces, at least 6% of total spaces must be designated for EVs.  Establishing Policies  AB 2097 (2022) | Transportation | EV Charging<br>Infrastructure          | 2022          |
| Enacted | 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 direct current (DC) fast chargers.  Establishing Policies  California Electric Vehicle Infrastructure  • Project (CALeVIP)   | Transportation | EV Charging<br>Infrastructure          |               |
| Enacted | Electric Vehicle (EV) and EV Charging Infrastructure Plans  2018 Zero-Emission Vehicle Action Plan Priorities Update  Establishing Policies  2018 Zero-Emission Vehicle Action Plan  • Priorities Update (2018)   | Transportation | Transportation<br>Plans and<br>Targets | 2018          |

**POLICY** STATUS **POLICY POLICY AREA CATEGORY 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 **Transportation** emissions levels. Enacted Plans and 2018 Transportation **Establishing Policies Targets** SB 375 (2008) SB 375 Regional Plan Climate Targets • (2018) **Low Carbon Fuel Standards** California Low Carbon Fuel Standard Program **Establishing Policies Transportation** Enacted Plans and 2010 Title 17, CCR, sections 95480-95503 Transportation **Targets** • (2010) California Low Carbon Fuel Standard Program **Bicycle Friendly States** California is ranked 4th out of 50 in the 2022 Bicycle Friendly State rankings by the League of American Bicyclists. **Public and Establishing Policies** Enacted **Active** Transportation **Transportation** California Bicycle Friendly State Scorecard **Policy Components** 5/5

**POLICY** STATUS **POLICY POLICY AREA CATEGORY ENACTED Buy Clean Requirements** 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)

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)

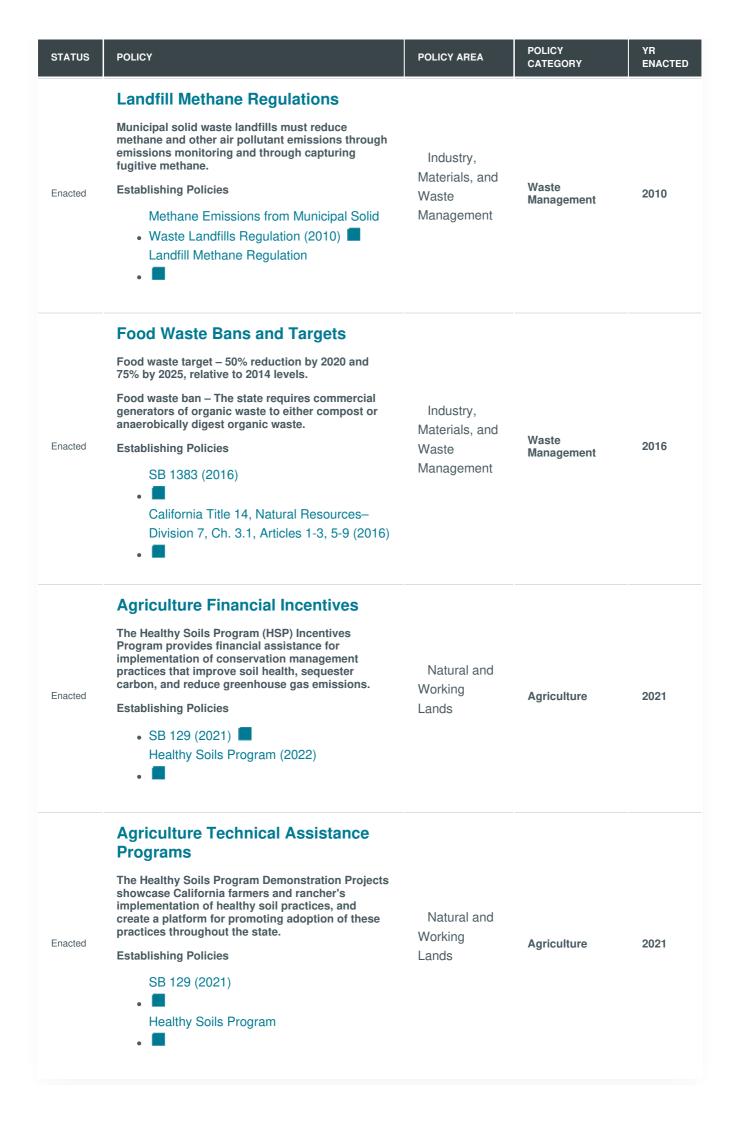
SB 1013 (2018)

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 Oil and Gas Methane Regulations Methane emissions must be reduced 40% below Industry, 2013 levels by 2030. Materials, and Oil and Gas 2016 Enacted **Establishing Policies** Waste Regulations Management SB 1383 (2016) **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 2024 Enacted Executive Order N-79-20 (2020) 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)



STATUS POLICY POLICY AREA POLICY YR ENACTED