

STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	Greenhouse Gas Emissions Reduction Targets 60% by 2031 Net-zero by 2045 Relative to 2006 levels Establishing Policies • SB 528 - Climate Solutions Now Act of 2022 (2022)	Climate Governance and Equity	Climate Governance	2022
Enacted	Climate Action Plans Maryland's Climate Pollution Reduction Plan The Maryland Climate Change Subcabinet is required to submit an annual report detailing the progress of implementing Maryland's Climate Pollution Reduction Plan and state agency Climate Implementation Plans, starting December 1, 2024. Establishing Policies • SB 528 - Climate Solutions Now Act of 2022 (2022) • Maryland's Climate Pollution Reduction Plan (2023) • Executive Order 01.01.2024.19 (2024) • Governor's Subcabinet on Climate 2024 Annual Report (2024)	Climate Governance and Equity	Climate Governance	2023







STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	State Greenhouse Gas Emissions Inventory The 2006-2020 Greenhouse Gas Inventory was published in September 2022. Establishing Policies • SB 323 (2016) • 2006-2020 Greenhouse Gas Inventory (2022)	Climate Governance and Equity	Climate Governance	2022
Enacted	Climate Bureaucracy Climate Change Subcabinet Chief Sustainability Officer Establishing Policies • Executive Order 01.01.2024.19 (2024) • Chief Sustainability Officer (2023) • Climate Change Subcabinet •	Climate Governance and Equity	Climate Governance	2024
Enacted	Climate Advisory Bodies Maryland Commission on Climate Change Establishing Policies • HB 514 (2015) • Maryland Commission on Climate Change	Climate Governance and Equity	Climate Governance	2015





POLICY YEAR **STATUS POLICY AREA POLICY CATEGORY ENACTED Environmental Rights Amendments** An Environmental Rights Amendment is an amendment to a Climate state constitution guaranteeing the Climate citizens of that state a right to a Governance Enacted clean and healthy environment. Governance and Equity The right to a clean and healthy environment can help to address climate change and provide a key tool to regulate greenhouse gases and achieve environmental justice goals. **Environmental Justice Community Definitions** "Overburdened communities" are the 25% highest scoring census tracts in 3 or more of 21 environmental health indicators, related to pollution exposure, Climate proximity to environmental **Environmental** hazards, and health outcomes. Governance Enacted Justice and 2022 "Underserved communities" are **Equity** and Equity census tracts where at least 25% of residents are low-income, 50% are nonwhite, or 15% have limited English proficiency **Establishing Policies**

> SB 528 - Climate Solutions Now Act of 2022 (2022)





STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	Environmental Justice Mapping Tools MD EJSCREEN MD Climate and Health Equity Mapper Establishing Policies • MD EJSCREEN (2021) • MD Climate and Health Equity Mapper (2021)	Climate Governance and Equity	Environmental Justice and Equity	2021
Not Enacted	Environmental Justice Community Investment Requirements Environmental justice (EJ) community investment requirements help ensure communities most impacted by environmental burdens are benefitting equitably from public programs by requiring a certain	Climate Governance and Equity	Environmental Justice and Equity	



percentage of funds and/or benefits from other policies are allocated to EJ communities.



POLICY YEAR **STATUS POLICY POLICY AREA CATEGORY ENACTED Environmental Justice Bureaucracy** A newly created Interagency **Environmental Justice and Equity** Advisory Council is made up of state agencies to faciltate interagency collaboration on programs and activities related to environmental justice. Each member agency must designate an Environmental Justice Officer to lead agency planning and implementation of the agency's **Environmental Justice Strategic** Climate **Environmental** Plan. Governance Enacted Justice and 2025 MDE – EJ Coordinator **Equity** and Equity The Climate Solutions Now Act of 2022 also requires MDE to provide staff for the Commission on Environmental Justice and Sustainable Communities. EO 01.01.2025.17 requires MDE to staff the Interagency Council. **Establishing Policies** • SB 528 - Climate Solutions Now Act of 2022 (2022) • Executive Order 01.01.2025.17 (2025) **Environmental Justice Advisory Bodies** Commission on Environmental Climate Justice and Sustainable **Environmental** Communities Governance Enacted Justice and **Equity** and Equity **Establishing Policies** • Commission on **Environmental Justice and**



Sustainable Communities



STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
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	
Not Enacted	Just Transition Plans Just transition plans are documents that outline policies and recommendations aimed at supporting communities, workers, and industries affected by the transition away from fossil fuels. The plans often focus on workforce development and retraining, job creation, and economic diversification.	Climate Governance and Equity	Just Transition	
Not Enacted	Just Transition Offices and Staff Just transition offices and staff assist workers and communities transitioning away from fossil fuel extraction and use, typically through retraining programs and support with relocation and economic diversification. Offices and staff also coordinate with other state agencies to effectively design policy to achieve a just transition.	Climate Governance and Equity	Just Transition	





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Enacted	Just Transition Advisory Bodies Just Transition Employment and Retraining Working Group Establishing Policies SB 528 - Climate Solutions Now Act of 2022 (2022) Just Transition Employment and Retraining Working Group	Climate Governance and Equity	Just Transition	2022
Not 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 Governance and Equity	Just Transition	
Enacted	Green Banks Maryland Clean Energy Center, which administers the Climate Catalytic Capital Fund Establishing Policies • HB 1337 (2008) • SB 528 - Climate Solutions Now Act of 2022 (2022) • Maryland Clean Energy Center	Cross-Sector	Climate Finance	2008



STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	Divestment The Maryland State Retirement and Pension System (SRPS) Board of Trustees established a Climate Advisory Panel to advise the board on climate risk when considering investments for the pension and retirement system. Establishing Policies HB 740 (2022) Charter for the Climate Advisory Panel (2024)	Cross-Sector	Climate Finance	2024
Enacted	Carbon Pollution Pricing The Regional Greenhouse Gas Initiative (RGGI) covers the electricity sector. Establishing Policies • Title 26, Subtitle 9 (2018) • The Regional Greenhouse Gas Initiative (RGGI) (2007)	Cross-Sector	Carbon Valuation	2007
Not Enacted	Social Cost of Carbon The social cost of carbon is a monetary estimate of the damage of each ton of greenhouse gases emitted. The social cost of carbon is used to quantify and monetize climate damages, representing the net economic cost of climate pollution to society.	Cross-Sector	Carbon Valuation	







STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	Clean Energy and Renewable Portfolio Standards 30.5% renewable energy by 2020 50% by 2030 Executive Order 01.01.2024.19 directs the Maryland Energy Administration to "establish a framework for a clean energy standard to achieve 100% clean electricity in Maryland by 2035." Establishing Policies • SB 516 (2019) • Executive Order 01.01.2024.19 (2024)	Electricity	Energy Plans and Targets	2019
Not Enacted	Electricity Greenhouse Gas Emissions Reduction Targets Electricity greenhouse gas (GHG) emissions reduction targets are set by a state to limit GHG emissions in the electricity sector. These targets aim to reduce emissions by different amounts over time, often expressed as percentage relative to a baseline year.	Electricity	Energy Plans and Targets	
Enacted	Clean Energy Plans Reaching 100 Percent Net Carbon-Free Electricity in Maryland Establishing Policies • Executive Order 01.01.2024.19 (2024) • Reaching 100 Percent Net Carbon-Free Electricity in Maryland (2025)	Electricity	Energy Plans and Targets	2025

STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	Consolidated State Siting and Permitting Authority Siting authority is primarily under the jurisdiction of the Maryland Public Service Commission (MPSC) for projects over 2MW. The MPSC must grant a certificate of public convenience and necessity (CPCN) before any construction can commence. Local government recommendations must be considered, but are not binding. Establishing Policies • Executive Order 01.01.2024.39 (2024)	Electricity	Permitting and Grid Integration	2024
Enacted	Interconnection Standards Maryland received a C grade from Freeing the Grid. Establishing Policies • Freeing the Grid Maryland Grade (2023)	Electricity	Permitting and Grid Integration	2023
Not Enacted	Enabling ATTs and GETs Advanced transmission technologies (ATTs) and grid enhancing technologies (GETs) are a family of technologies that can enhance the capacity of the existing electrical transmission and distribution system. State policies that promote ATTs and GETs can be key to unlocking renewable energy development at lower cost and with shorter wait times.	Electricity	Permitting and Grid Integration	

STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Partially Enacted	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 • SPOT - Net Metering in Maryland • SPOT - Aggregate Net Metering in Maryland Policy Components • 11	Electricity	Permitting and Grid Integration	

Shared Renewables

The State Policy Opportunity
Tracker (SPOT) breaks clean
energy policies down into
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Establishing Policies

• SPOT - Shared Renewables in Maryland

Policy Components



5/6

Partially

Enacted

Electricity

Incentivizing Clean Energy Resources







STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	Community Choice Aggregation Maryland has an active community choice aggregation program. Establishing Policies • HB 768 (2021)	Electricity	Incentivizing Clean Energy Resources	2021
Enacted	Distributed Generation Carveout 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 • SPOT – Generation Carveouts in Maryland Policy Components • SPOT – Generation Carveouts in Maryland	Electricity	Incentivizing Clean Energy Resources	
Enacted	Energy Storage Targets 750 megawatts (MW) of storage capacity by 2027, 1,500 MW by 2030, and 3,000 MW by 2033 HB 1035 requires the procurement of up 1.75 GW of battery storage Establishing Policies • HB 910 (2023) • HB 1035 (2025)	Electricity	Incentivizing Clean Energy Resources	2023







STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
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	Residential Energy Codes The statewide energy code for residential construction is 2021 IECC with amendments. Establishing Policies • Maryland State Energy Code (2023)	Buildings and Efficiency	Building Codes	2023
Enacted	Commercial Energy Codes The statewide energy code for commercial building construction is 2021 IECC with amendments and ASHRAE 90.1-2019. Establishing Policies • Maryland State Energy Code (2023)	Buildings and Efficiency	Building Codes	2023







STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
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 Energy and Water Efficiency Standards apply to 11 products. Establishing Policies • HB 772 (2022) • Appliance Efficiency Standards	Buildings and Efficiency	Building Standards	2022
Enacted	Building Performance Standards The Building Energy Performance Standard requires buildings larger than 35,000 square feet to reduce direct emissions from buildings by 20% by 2030, and to achieve net- zero emissions by 2040. Establishing Policies SB 528 - Climate Solutions Now Act of 2022 (2022) COMAR 26.28.0104 (2024) Building Energy Performance Standards	Buildings and Efficiency	Building Standards	2024





STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
☑ In- Progress	Clean Heat Standards The Maryland Department of the Environment is required to propose a clean heat standard regulation. Establishing Policies • Executive Order 01.01.2024.19 (2024)	Buildings and Efficiency	Building Standards	2024
Enacted	Energy Efficiency Resource Standards (EERS) Electric utilities are required to achieve a greenhouse gas (GHG) emissions reduction equivalent of annual electricity savings of 2% in 2024, 2.24% in 2025 and 2026, and 2.5% for each year after that. Utilities must achieve annual energy savings for low-income residential units for the 2024-2026 EmPOWER cycle, starting at 0.53% in 2024 and increasing to 1.0% in 2026. Gas utilities are not subject to an EERS. Establishing Policies • HB 169 (2023) • HB 864 (2024)	Buildings and Efficiency	Building Efficiency	2024
Enacted	Property Assessed Clean Energy (PACE) Maryland has enacted commercial PACE-enabling legislation and has active programs. Establishing Policies • SB 186 (2014)	Buildings and Efficiency	Building Efficiency	2014







STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Partially Enacted	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. Establishing Policies SPOT - Weatherization Funding in Maryland Policy Components Policy Components	Buildings and Efficiency	Building Efficiency	
☑ In- Progress	All-Electric Buildings The Maryland Department of the Environment is required to propose a zero-emission heating equipment standard that will phase-in zero-emissions standards for heating equipment. Establishing Policies • Executive Order 01.01.2024.19 (2024)	Buildings and Efficiency	Building Electrification	2024





STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	Thermal Energy Networks Gas, water, and electric utilities are allowed to own thermal energy networks, and can recover costs associated with TENs, if approved by the PUC. Gas utilities serving >75,000 customers must develop 1-2 proposals for network geothermal pilot projects by July 1, 2025. The proposals must ensure that at least 80 percent of the pilot projects' customers are from low-or moderate-income households. Gas utilities serving <75,000 customers are able propose one pilot. Establishing Policies • HB 397 (2024)	Buildings and Efficiency	Building Electrification	2024
Enacted	Low-Emission Vehicle (LEV) Standards Maryland Clean Cars Program Establishing Policies • COMAR 26.11.34.00 (2023) • Maryland Clean Cars Program	Transportation	Light-Duty Vehicles	2023





POLICY YEAR **STATUS POLICY POLICY AREA CATEGORY ENACTED** Zero-Emission Vehicle (ZEV) **Mandates** Model Year (MY) 2027: 43% 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 hydrogenpowered vehicles. The state will delay penalty enforcement against manufacturers that fail to meet ZEV sale requirements for model years 2027 and 2028, unless **Light-Duty** Transportation Enacted 2023 certain conditions are met. A **Vehicles** "Maryland ACC II and ACT Working Group" must offer recommendations for how the Advanced Clean Cars II (ACC II) program can be implemented in Maryland. **Establishing Policies** Advanced Clean Cars II (2023) Executive Order 01.01.2025.10 (2025) Advanced Clean Cars II Program **Electric Vehicle Rebates** Electric vehicle rebates offer **Light-Duty** Not Transportation rebates to make light-duty electric Enacted **Vehicles** vehicles more affordable to increase their adoption in a state.



STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Not Enacted	Low NOx Omnibus Rules Low NOx Omnibus Rules establish stringent tailpipe emission standards for heavy duty vehicles, updated testing procedures, and technology-neutral compliance mechanisms to reduce nitrous oxide (NOx) pollution. The regulation must be adopted first by California, and other states may adopt the regulation under the federal Clean Air Act.	Transportation	Medium- and Heavy-Duty Vehicles	
Enacted	Medium- and Heavy-Duty (MHD) Zero-Emission Vehicle (ZEV) Mandates By 2035: 55% of Class 2b-3 truck sales are zero-emissions 75% of Class 4-8 straight truck sales are zero-emissions 40% of Class 7-8 tractor sales are zero-emissions. The state will delay penalty enforcement against manufacturers that fail to meet ZEV sale requirements for model years 2027 and 2028, unless certain conditions are met. A "Maryland ACC II and ACT Working Group" must offer recommendations for how the Advanced Clean Trucks (ACT) program can be implemented in Maryland. Establishing Policies • HB 230 (2023) • Advanced Clean Trucks Rule (2023) • Executive Order 01.01.2025.10 (2025)	Transportation	Medium- and Heavy-Duty Vehicles	2023



STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	Medium- and Heavy-Duty Electric Vehicle (EV) Rebates The Medium-Duty and Heavy-Duty Zero-Emission Vehicle Grant Program provides grants to cover up to 75% of the incremental cost of new medium- and heavy-duty battery and hydrogen fuel cell vehicles. Establishing Policies • HB 1391 (2022) • Medium-Duty and Heavy- Duty Zero-Emission Vehicle Grant Program	Transportation	Medium- and Heavy-Duty Vehicles	2022
Enacted	Public Fleet Electric Vehicle (EV) Procurement Targets 100% of the state's passenger vehicle fleet are ZEVs by 2031, and 100% of the state's light-duty vehicle fleet are ZEVs by 2036 Establishing Policies • SB 528 - Climate Solutions Now Act of 2022 (2022)	Transportation	Lead by Example	2022
Enacted	Electric Bus Procurement Targets 25% of annual bus procurements by the Maryland Transit Administration are zero-emission by FY25 Establishing Policies • SB 362 (2024)	Transportation	Lead by Example	2024







STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
	Electric Vehicle (EV) Charging Infrastructure Requirements			
Enacted	Requires that new construction of detached single-family homes, duplexes, and townhouses with a separate garage or driveway have one parking space that is EV-ready or has EV supply equipment (EVSE) installed.	Transportation	EV Charging Infrastructure	2023
	Establishing PoliciesHB 830 (2023)			
	Electric Vehicle (EV) Charging Infrastructure Rebates The Electric Vehicle Supply Equipment (EVSE) Rebate			
Enacted	Program offers rebates for the purchase and installation of Level 2 and direct current (DC) fast chargers, up to \$700 for residential chargers and up to \$5,000 for commercial chargers.	Transportation	EV Charging Infrastructure	
	 Establishing Policies Electric Vehicle Supply Equipment (EVSE) Rebate Program 			
	Electric Vehicle (EV) and EV Charging Infrastructure Plans			
Not Enacted	Electric vehicle (EV) and EV charging infrastructure plans are documents that provide a framework to guide the development, coordination, and adoption of EVs and EV charging infrastructure.	Transportation	Transportation Plans and Targets	



STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	Transportation Greenhouse Gas Emissions Reduction Targets The Maryland Department of Transportation (MDOT) aims to reduce on-road transportation sector GHG emissions by 40% by 2031, and set a 4% reduction target from 2022 levels by the 2025 performance year Establishing Policies • Executive Order 01.01.2024.19 (2024) • Maryland Department of Transportation Climate Implementation Plan (2024)	Transportation	Transportation Plans and Targets	2024
Not Enacted	Low Carbon Fuel Standards A low carbon fuel standard (LCFS) is a market-based mechanism to reduce the carbon intensity of transportation fuels and account for the fuel's life cycle greenhouse gas emissions.	Transportation	Transportation Plans and Targets	
Enacted	Bicycle Friendly States Maryland is ranked 9th out of 50 in the 2024 Bicycle Friendly State rankings by the League of American Bicyclists. Establishing Policies • Maryland Bicycle Friendly State Scorecard Policy Components	Transportation	Public and Active Transportation	

STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	Buy Clean Requirements By January 1, 2026, the Department of General Services (DGS), in consultation with the Maryland Department of Transportation (MDOT), must establish a maximum acceptable global warming potential (GWP) for each category of cement or concrete mixture used in the construction of an eligible project. Beginning July 1, 2026, state agencies must specify the cement or concrete mixture that will be used in construction projects, and requires contractors to submit environmental product declarations before installing any cement or concrete mixture. Establishing Policies • SB 424 (2023) • HB 261 (2023)	Industry, Materials, and Waste Management	Industrial Decarbonization	2023
Enacted	Hydrofluorocarbon (HFC) Regulations The state prohibits certain HFCs in specific stationary refrigeration and air-conditioning end-uses. Establishing Policies • Chapter 26.11.33 (2020)	Industry, Materials, and Waste Management	F-gas Regulations	2020
Not Enacted	Sulfur Hexafluoride (SF6) Regulations Sulfur hexafluoride (SF6) regulations include phasedown commitments, reporting requirements, bans, or other measures that reduce SF6 usage and emissions.	Industry, Materials, and Waste Management	F-gas Regulations	





STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	Oil and Gas Methane Regulations Operators must reduce vented and fugitive emissions of methane from both new and existing natural gas transmission and storage facilities. Establishing Policies • COMAR 26.11.41 (2020)	Industry, Materials, and Waste Management	Oil and Gas Regulations	2020
Enacted	Fracking Bans Hydraulic fracking for the exploration and production of natural gas is banned. Establishing Policies • HB 1325 (2017)	Industry, Materials, and Waste Management	Oil and Gas Regulations	2017
Enacted	Landfill Methane Regulations Reporting and control of methane emissions from municipal solid waste (MSW) landfills are required. Establishing Policies • COMAR 26.11.42 (2023)	Industry, Materials, and Waste Management	Waste Management	2023





STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	Food Waste Bans and Targets Food waste ban – The state requires businesses and institutions that generate at least 1 ton of food waste per week and are within 30 miles of a composting facility to dispose of food residuals via composting or anaerobic digestion. Establishing Policies • Article II, Section 17(c) of the Maryland Constitution - Chapter 439 (2021) • Md. Code Ann. Env't §9–1724.1 (2022) • COMAR 26.04.13 (2023)	Industry, Materials, and Waste Management	Waste Management	2021

Healthy Soils Financial

Incentives

The Maryland Healthy Soils Program provides financial assistance to manage conservation practices in new and innovative ways that improve soil health, yield, and profitability and capture carbon.



Maryland's Cover Crop Program offers grants to help pay for seed, labor, and equipment costs to plant cover crops.

Establishing Policies

- HB 1063 (2017)
- Maryland Healthy Soils Program
- Cover Crop Program

Natural and

Working Lands Agriculture 2017







POLICY YEAR STATUS **POLICY POLICY AREA CATEGORY ENACTED Healthy Soils Technical Assistance Programs** Agriculture technical assistance Natural and programs provide state-driven Not technical assistance, Agriculture Enacted Working Lands apprenticeship and mentorship programs, and support securing additional funding for farmers to increase uptake of soil health practices.

