

STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YR ENACTED
Enacted	<p>Greenhouse Gas Emissions Reduction Targets</p> <p>60% by 2031 Net-zero by 2045</p> <p>Relative to 2006 levels</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> SB 528 - Climate Solutions Now Act of 2022 (2022) ■ 	Climate Governance and Equity	Climate Governance	2022
Enacted	<p>Climate Action Plans</p> <p>Maryland's Climate Pollution Reduction Plan</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> SB 528 - Climate Solutions Now Act of 2022 (2022) ■ Maryland's Climate Pollution Reduction Plan (2023) ■ 	Climate Governance and Equity	Climate Governance	2023
Enacted	<p>State Greenhouse Gas Emissions Inventory</p> <p>The 2006-2020 Greenhouse Gas Inventory was published in September 2022.</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> SB 323 (2016) ■ 2006-2020 Greenhouse Gas Inventory (2022) ■ 	Climate Governance and Equity	Climate Governance	2022
Enacted	<p>Climate Bureaucracy</p> <p>Climate Change Subcabinet</p> <p>Chief Sustainability Officer</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> Executive Order 01.01.2024.19 (2024) ■ Chief Sustainability Officer (2023) ■ Climate Change Subcabinet ■ 	Climate Governance and Equity	Climate Governance	2024

STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YR ENACTED
	<h2 style="margin: 0;">Climate Advisory Bodies</h2>			
	<p>Maryland Commission on Climate Change</p>			
Enacted	<p>Establishing Policies</p> <ul style="list-style-type: none"> • HB 514 (2015) • Maryland Commission on Climate Change 	Climate Governance and Equity	Climate Governance	2015
	<h2 style="margin: 0;">Environmental Justice Community Definitions</h2>			
	<p>"Overburdened communities" are the 25% highest scoring census tracts in 3 or more of 21 environmental health indicators, related to pollution exposure, proximity to environmental hazards, and health outcomes.</p>			
Enacted	<p>"Underserved communities" are census tracts where at least 25% of residents are low-income, 50% are nonwhite, or 15% have limited English proficiency</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> • SB 528 - Climate Solutions Now Act of 2022 (2022) 	Climate Governance and Equity	Environmental Justice and Equity	2022
	<h2 style="margin: 0;">Environmental Justice Mapping Tools</h2>			
	<p>MD EJSCREEN</p>			
	<p>MD Climate and Health Equity Mapper</p>			
Enacted	<p>Establishing Policies</p> <ul style="list-style-type: none"> • MD EJSCREEN (2021) • MD Climate and Health Equity Mapper (2021) 	Climate Governance and Equity	Environmental Justice and Equity	2021
	<h2 style="margin: 0;">Environmental Justice Community Investment Requirements</h2>			
Not Enacted	<p>Environmental justice (EJ) community investment requirements help ensure communities most impacted by environmental burdens are benefitting equitably from public programs by requiring a certain percentage of funds and/or benefits from other policies are allocated to EJ communities.</p>	Climate Governance and Equity	Environmental Justice and Equity	

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Enacted	<p>Environmental Justice Bureaucracy</p> <p>MDE – EJ Coordinator</p> <p>The Climate Solutions Now Act of 2022 also requires the Maryland Department of Environment to provide staff for the Commission on Environmental Justice and Sustainable Communities</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> SB 528 - Climate Solutions Now Act of 2022 (2022) ■ MDE – EJ Coordinator ■ 	Climate Governance and Equity	Environmental Justice and Equity	2022
Enacted	<p>Environmental Justice Advisory Bodies</p> <p>Commission on Environmental Justice and Sustainable Communities</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> Commission on Environmental Justice and Sustainable Communities ■ 	Climate Governance and Equity	Environmental Justice and Equity	
Not Enacted	<p>Cumulative Impact Assessment</p> <p>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.</p>	Climate Governance and Equity	Environmental Justice and Equity	
Not Enacted	<p>Just Transition Plans</p> <p>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.</p>	Climate Governance and Equity	Just Transition	
Not Enacted	<p>Just Transition Offices and Staff</p> <p>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.</p>	Climate Governance and Equity	Just Transition	

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Enacted	<p>Just Transition Advisory Bodies</p> <p>Just Transition Employment and Retraining Working Group</p> <p>Establishing Policies</p> <p>SB 528 - Climate Solutions Now Act of 2022 (2022) ■</p> <ul style="list-style-type: none"> Just Transition Employment and Retraining Working Group ■ 	Climate Governance and Equity	Just Transition	2022
Not Enacted	<p>Just Transition Funds</p> <p>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.</p>	Climate Governance and Equity	Just Transition	
Enacted	<p>Green Banks</p> <p>Maryland Clean Energy Center, which administers the Climate Catalytic Capital Fund</p> <p>Establishing Policies</p> <p>HB 1337 (2008) ■</p> <ul style="list-style-type: none"> SB 528 - Climate Solutions Now Act of 2022 (2022) ■ Maryland Clean Energy Center ■ 	Cross-Sector	Climate Finance	2008
Enacted	<p>Carbon Pollution Pricing</p> <p>The Regional Greenhouse Gas Initiative (RGGI) covers the electricity sector.</p> <p>Establishing Policies</p> <p>Title 26, Subtitle 9 (2018) ■</p> <ul style="list-style-type: none"> The Regional Greenhouse Gas Initiative (RGGI) (2007) ■ 	Cross-Sector	Carbon Valuation	2007
Not Enacted	<p>Social Cost of Carbon</p> <p>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.</p>	Cross-Sector	Carbon Valuation	

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Enacted	<p>Clean Energy and Renewable Portfolio Standards</p> <p>30.5% renewable energy by 2020 50% by 2030</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> SB 516 (2019) ■ 	Electricity	Energy Plans and Targets	2019
Not Enacted	<p>Electricity Greenhouse Gas Emissions Reduction Targets</p> <p>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.</p>	Electricity	Energy Plans and Targets	
Not Enacted	<p>Clean Energy Plans</p> <p>Clean energy plans are documents that outline the policies and strategies states can implement to meet clean energy targets. Draft plans are often published first, and after a period of public comments and revisions, a final plan is released.</p>	Electricity	Energy Plans and Targets	
Enacted	<p>Distributed Generation/Solar Carve-out</p> <p>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.</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> SPOT - Distributed Generation/Solar <ul style="list-style-type: none"> Carve-out in Maryland ■ <p>Policy Components</p> <p>5/5</p>	Electricity	Clean Energy Generation	

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Partially Enacted	<p>Net Metering</p> <p>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.</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> SPOT - Net Metering in Maryland <input checked="" type="checkbox"/> SPOT - Aggregate Net Metering in Maryland <input checked="" type="checkbox"/> <p>Policy Components</p> <p>9/11</p>	Electricity	Clean Energy Generation	
Partially Enacted	<p>Shared Renewables</p> <p>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.</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> SPOT - Shared Renewables in Maryland <input checked="" type="checkbox"/> <p>Policy Components</p> <p>5/6</p>	Electricity	Clean Energy Generation	
Enacted	<p>Community Choice Aggregation</p> <p>Maryland has an active community choice aggregation program.</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> HB 768 (2021) <input checked="" type="checkbox"/> 	Electricity	Clean Energy Generation	2021
Enacted	<p>Energy Storage Targets</p> <p>750 megawatts (MW) of storage capacity by 2027, 1,500 MW by 2030, and 3,000 MW by 2033</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> HB 910 (2023) <input checked="" type="checkbox"/> 	Electricity	Transmission, Distribution, and Energy Storage	2023

STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YR ENACTED
Enacted	<p>Interconnection Standards</p> <p>Maryland received a C grade from Freeing the Grid.</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> Freeing the Grid Maryland Grade (2023) 	Electricity	Transmission, Distribution, and Energy Storage	2023
Not Enacted	<p>Coal Phaseouts</p> <p>Coal phaseouts establish a target year by which states must end coal-fired power generation.</p>	Electricity	Coal Retirement	
Not Enacted	<p>Coal Plant Securitization</p> <p>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.</p>	Electricity	Coal Retirement	
Enacted	<p>Residential Energy Codes</p> <p>The statewide energy code for residential construction is 2021 IECC with amendments.</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> Maryland State Energy Code (2023) 	Buildings and Efficiency	Building Codes	2023
Enacted	<p>Commercial Energy Codes</p> <p>The statewide energy code for commercial building construction is 2021 IECC with amendments and ASHRAE 90.1-2019.</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> Maryland State Energy Code (2023) 	Buildings and Efficiency	Building Codes	2023
Not Enacted	<p>Stretch Building Energy Codes</p> <p>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.</p>	Buildings and Efficiency	Building Codes	

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Enacted	<p>Appliance Standards</p> <p>The Energy and Water Efficiency Standards apply to 11 products.</p> <p>Establishing Policies</p> <p>HB 772 (2022)</p> <ul style="list-style-type: none"> ■ Appliance Efficiency Standards 	Buildings and Efficiency	Building Standards	2022
In-Progress	<p>Building Performance Standards</p> <p>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.</p> <p>Establishing Policies</p> <p>SB 528 - Climate Solutions Now Act of 2022 (2022)</p> <ul style="list-style-type: none"> ■ Building Energy Performance Standards 	Buildings and Efficiency	Building Standards	2022
In-Progress	<p>Clean Heat Standards</p> <p>The Maryland Department of the Environment is required to propose a clean heat standard regulation.</p> <p>Establishing Policies</p> <p>Executive Order 01.01.2024.19 (2024)</p> <ul style="list-style-type: none"> ■ 	Buildings and Efficiency	Building Standards	2024
Enacted	<p>Energy Efficiency Resource Standards (EERS)</p> <p>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.</p> <p>Gas utilities are not subject to an EERS.</p> <p>Establishing Policies</p> <p>HB 169 (2023)</p> <ul style="list-style-type: none"> ■ <p>HB 864 (2024)</p> <ul style="list-style-type: none"> ■ 	Buildings and Efficiency	Building Efficiency	2024

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Enacted	<p>Property Assessed Clean Energy (PACE)</p> <p>Maryland has enacted commercial PACE-enabling legislation and has active programs.</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> SB 186 (2014) 	Buildings and Efficiency	Building Efficiency	2014
Partially Enacted	<p>Weatherization Funding</p> <p>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.</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> SPOT - Weatherization Funding in Maryland <p>Policy Components</p> <p>3/4</p>	Buildings and Efficiency	Building Efficiency	
In-Progress	<p>All-Electric Buildings</p> <p>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.</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> Executive Order 01.01.2024.19 (2024) 	Buildings and Efficiency	Building Electrification	2024
Enacted	<p>Low-Emission Vehicle (LEV) Standards</p> <p>Maryland Clean Cars Program</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> COMAR 26.11.34.00 (2023) Maryland Clean Cars Program 	Transportation	Light-Duty Vehicles	2023

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Enacted	<p>Zero-Emission Vehicle (ZEV) Mandates</p> <p>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 hydrogen-powered vehicles.</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> • Advanced Clean Cars II (2023) • Advanced Clean Cars II Program 	Transportation	Light-Duty Vehicles	2023
Not Enacted	<p>Electric Vehicle Rebates</p> <p>Electric vehicle rebates offer rebates to make light-duty electric vehicles more affordable to increase their adoption in a state.</p>	Transportation	Light-Duty Vehicles	
Not Enacted	<p>Low NOx Omnibus Rules</p> <p>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.</p>	Transportation	Medium- and Heavy-Duty Vehicles	
Enacted	<p>Medium- and Heavy-Duty (MHD) Zero-Emission Vehicle (ZEV) Mandates</p> <p>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.</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> • HB 230 (2023) • Advanced Clean Trucks Rule (2023) 	Transportation	Medium- and Heavy-Duty Vehicles	2023

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Enacted	<p>Medium- and Heavy-Duty Electric Vehicle (EV) Rebates</p> <p>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.</p> <p>Establishing Policies</p> <p>HB 1391 (2022)</p> <ul style="list-style-type: none"> Medium-Duty and Heavy-Duty Zero-Emission Vehicle Grant Program 	Transportation	Medium- and Heavy-Duty Vehicles	2022
Enacted	<p>Public Fleet Electric Vehicle (EV) Procurement Targets</p> <p>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</p> <p>Establishing Policies</p> <p>SB 528 - Climate Solutions Now Act of 2022 (2022)</p>	Transportation	Lead by Example	2022
Enacted	<p>Electric Bus Procurement Targets</p> <p>25% of annual bus procurements by the Maryland Transit Administration are zero-emission by FY25</p> <p>Establishing Policies</p> <p>SB 362 (2024)</p>	Transportation	Lead by Example	2024
Enacted	<p>Electric Vehicle (EV) Charging Infrastructure Requirements</p> <p>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.</p> <p>Establishing Policies</p> <p>HB 830 (2023)</p>	Transportation	EV Charging Infrastructure	2023

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Enacted	<p>Electric Vehicle (EV) Charging Infrastructure Rebates</p> <p>The Electric Vehicle Supply Equipment (EVSE) Rebate 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.</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> Electric Vehicle Supply Equipment (EVSE) <ul style="list-style-type: none"> Rebate Program ■ 	Transportation	EV Charging Infrastructure	
Not Enacted	<p>Electric Vehicle (EV) and EV Charging Infrastructure Plans</p> <p>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.</p>	Transportation	Transportation Plans and Targets	
In-Progress	<p>Transportation Greenhouse Gas Emissions Reduction Targets</p> <p>The Maryland Department of Transportation is required to establish specific annual greenhouse gas and vehicle miles traveled reduction targets for the transportation sector.</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> Executive Order 01.01.2024.19 (2024) <ul style="list-style-type: none"> ■ 	Transportation	Transportation Plans and Targets	2024
Not Enacted	<p>Low Carbon Fuel Standards</p> <p>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.</p>	Transportation	Transportation Plans and Targets	
Enacted	<p>Bicycle Friendly States</p> <p>Maryland is ranked 14th out of 50 in the 2022 Bicycle Friendly State rankings by the League of American Bicyclists.</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> Maryland Bicycle Friendly State Scorecard <ul style="list-style-type: none"> ■ <p>Policy Components</p> <p>5/5</p>	Transportation	Public and Active Transportation	

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Not Enacted	<p>Buy Clean Requirements</p> <p>Buy clean requirements mandate or incentivize the use of low-carbon construction materials, such as concrete and steel, in public projects to address embodied carbon.</p>	Industry, Materials, and Waste Management	Industrial Decarbonization	
Enacted	<p>Hydrofluorocarbon (HFC) Regulations</p> <p>The state prohibits certain HFCs in specific stationary refrigeration and air-conditioning end-uses.</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> Chapter 26.11.33 (2020) 	Industry, Materials, and Waste Management	F-gas Regulations	2020
Not Enacted	<p>Sulfur Hexafluoride (SF6) Regulations</p> <p>Sulfur hexafluoride (SF6) regulations include phasedown commitments, reporting requirements, bans, or other measures that reduce SF6 usage and emissions.</p>	Industry, Materials, and Waste Management	F-gas Regulations	
Enacted	<p>Oil and Gas Methane Regulations</p> <p>Operators must reduce vented and fugitive emissions of methane from both new and existing natural gas transmission and storage facilities.</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> COMAR 26.11.41 (2020) 	Industry, Materials, and Waste Management	Oil and Gas Regulations	2020
Enacted	<p>Fracking Bans</p> <p>Hydraulic fracking for the exploration and production of natural gas is banned.</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> HB 1325 (2017) 	Industry, Materials, and Waste Management	Oil and Gas Regulations	2017
Enacted	<p>Landfill Methane Regulations</p> <p>Reporting and control of methane emissions from municipal solid waste (MSW) landfills are required.</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> COMAR 26.11.42 (2023) 	Industry, Materials, and Waste Management	Waste Management	2023

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Enacted	<p>Food Waste Bans and Targets</p> <p>Food waste ban – The state requires businesses and institutions that generate at least 2 tons of food waste per week to dispose of food residuals via composting or anaerobic digestion.</p> <p>Establishing Policies</p> <p>Article II, Section 17(c) of the Maryland Constitution - Chapter 439 (2021) ■</p>	Industry, Materials, and Waste Management	Waste Management	2021
Enacted	<p>Agriculture Financial Incentives</p> <p>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.</p> <p>Maryland's Cover Crop Program offers grants to help pay for seed, labor, and equipment costs to plant cover crops.</p> <p>Establishing Policies</p> <p>HB 1063 (2017) ■</p> <ul style="list-style-type: none"> ■ Maryland Healthy Soils Program ■ Cover Crop Program 	Natural and Working Lands	Agriculture	2017
Not Enacted	<p>Agriculture Technical Assistance Programs</p> <p>Agriculture technical assistance programs provide state-driven technical assistance, apprenticeship and mentorship programs, and support securing additional funding for farmers to increase uptake of soil health practices.</p>	Natural and Working Lands	Agriculture	