




STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Greenhouse Gas Emissions Reduction Targets				
 Enacted	60% by 2031 Net-zero by 2045 Relative to 2006 levels Establishing Policies <ul style="list-style-type: none"> SB 528 - Climate Solutions Now Act of 2022 (2022) 	Climate Governance and Equity	Climate Governance	2022
Climate Action Plans				
 Enacted	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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> • SB 323 (2016) • 2006-2020 Greenhouse Gas Inventory (2022) 	Climate Governance and Equity	Climate Governance	2022
	Climate Bureaucracy Climate Change Subcabinet Chief Sustainability Officer Establishing Policies <ul style="list-style-type: none"> • Executive Order 01.01.2024.19 (2024) • Chief Sustainability Officer (2023) • Climate Change Subcabinet • 			
	Climate Advisory Bodies Maryland Commission on Climate Change Establishing Policies <ul style="list-style-type: none"> • HB 514 (2015) • Maryland Commission on Climate Change 			



STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
--------	--------	-------------	-----------------	--------------

Environmental Justice

Community Definitions



Enacted

"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.

"Underserved communities" are 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)

Climate
Governance
and Equity

**Environmental
Justice and
Equity**

2022

Environmental Justice Mapping

Tools



Enacted

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



STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
 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 percentage of funds and/or benefits from other policies are allocated to EJ communities.	Climate Governance and Equity	Environmental Justice and Equity	
 Enacted	Environmental Justice Bureaucracy MDE – EJ Coordinator 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 Establishing Policies <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	Environmental Justice Advisory Bodies Commission on Environmental Justice and Sustainable Communities Establishing Policies <ul style="list-style-type: none">• Commission on Environmental Justice and Sustainable Communities	Climate Governance and Equity	Environmental Justice and Equity	



STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
--------	--------	-------------	-----------------	--------------

Cumulative Impact Assessment



Not
Enacted

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**

Just Transition Plans



Not
Enacted

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

Just Transition Offices and Staff






Not
Enacted

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









STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Just Transition Advisory Bodies				
 Enacted	<p>Just Transition Employment and Retraining Working Group</p> <p>Establishing Policies</p> <ul style="list-style-type: none">• SB 528 - Climate Solutions Now Act of 2022 (2022)• Just Transition Employment and Retraining Working Group	<p>Climate Governance and Equity</p>	Just Transition	2022
Just Transition Funds				
 Not Enacted	<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>	<p>Climate Governance and Equity</p>	Just Transition	
Green Banks				
 Enacted	<p>Maryland Clean Energy Center, which administers the Climate Catalytic Capital Fund</p> <p>Establishing Policies</p> <ul style="list-style-type: none">• HB 1337 (2008)• SB 528 - Climate Solutions Now Act of 2022 (2022)• Maryland Clean Energy Center	<p>Cross-Sector</p>	Climate Finance	2008







STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Carbon Pollution Pricing				
<div><div>✓</div><div>Enacted</div></div>	<p>The Regional Greenhouse Gas Initiative (RGGI) covers the electricity sector.</p> <p>Establishing Policies</p> <ul style="list-style-type: none">Title 26, Subtitle 9 (2018)The Regional Greenhouse Gas Initiative (RGGI) (2007)	Cross-Sector	Carbon Valuation	2007
Social Cost of Carbon				
<div><div>✎</div><div>Not Enacted</div></div>	<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	
Clean Energy and Renewable Portfolio Standards				
<div><div>✓</div><div>Enacted</div></div>	<p>30.5% renewable energy by 2020 50% by 2030</p> <p>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."</p> <p>Establishing Policies</p> <ul style="list-style-type: none">SB 516 (2019)Executive Order 01.01.2024.19 (2024)	Electricity	Energy Plans and Targets	2019







STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
 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	
	Clean Energy Plans 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.			
	Distributed Generation Carve-out 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 <ul style="list-style-type: none">• SPOT – Generation Carve-outs in Maryland Policy Components  5/5	Electricity	Clean Energy Generation	

STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
 Partially Enacted	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.	Electricity	Clean Energy Generation	
	Establishing Policies <ul style="list-style-type: none"> • SPOT - Net Metering in Maryland • SPOT - Aggregate Net Metering in Maryland Policy Components  9/11			
 Partially Enacted	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.	Electricity	Clean Energy Generation	
	Establishing Policies <ul style="list-style-type: none"> • SPOT - Shared Renewables in Maryland Policy Components  5/6			








STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Community Choice Aggregation				
 Enacted	<p>Maryland has an active community choice aggregation program.</p> <p>Establishing Policies</p> <ul style="list-style-type: none">• HB 768 (2021)	Electricity	Clean Energy Generation	2021
Energy Storage Targets				
 Enacted	<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)	Electricity	Transmission, Distribution, and Energy Storage	2023
Interconnection Standards				
 Enacted	<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
Coal Phaseouts				
 Not Enacted	<p>Coal phaseouts establish a target year by which states must end coal-fired power generation.</p>	Electricity	Coal Retirement	










STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
 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 <ul style="list-style-type: none">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 <ul style="list-style-type: none">Maryland State Energy Code (2023)	Buildings and Efficiency	Building Codes	2023
 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	





STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Appliance Standards				
 Enacted	<p>The Energy and Water Efficiency Standards apply to 11 products.</p> <p>Establishing Policies</p> <ul style="list-style-type: none">• HB 772 (2022)• Appliance Efficiency Standards	Buildings and Efficiency	Building Standards	2022
Building Performance Standards				
 Enacted	<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> <ul style="list-style-type: none">• SB 528 - Climate Solutions Now Act of 2022 (2022)• COMAR 26.28.01 - .04 (2024)• Building Energy Performance Standards	Buildings and Efficiency	Building Standards	2024
Clean Heat Standards				
 In-Progress	<p>The Maryland Department of the Environment is required to propose a clean heat standard regulation.</p> <p>Establishing Policies</p> <ul style="list-style-type: none">• Executive Order 01.01.2024.19 (2024)	Buildings and Efficiency	Building Standards	2024




STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
 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 <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • SPOT - Weatherization Funding in Maryland Policy Components  3/4	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 <ul style="list-style-type: none"> • Executive Order 01.01.2024.19 (2024) 	Buildings and Efficiency	Building Electrification	2024
 Enacted	Low-Emission Vehicle (LEV) Standards Maryland Clean Cars Program Establishing Policies <ul style="list-style-type: none"> • COMAR 26.11.34.00 (2023) • Maryland Clean Cars Program 	Transportation	Light-Duty Vehicles	2023

STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
 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 hydrogen-powered vehicles. Establishing Policies <ul style="list-style-type: none"> • Advanced Clean Cars II (2023) • Advanced Clean Cars II Program 	Transportation	Light-Duty Vehicles	2023
 Not Enacted	Electric Vehicle Rebates Electric vehicle rebates offer rebates to make light-duty electric vehicles more affordable to increase their adoption in a state.	Transportation	Light-Duty Vehicles	
 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	







STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
 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
 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> <ul style="list-style-type: none">• HB 1391 (2022)• Medium-Duty and Heavy-Duty Zero-Emission Vehicle Grant Program	Transportation	Medium- and Heavy-Duty Vehicles	2022





STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
 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 <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • SB 362 (2024) 	Transportation	Lead by Example	2024
 Enacted	Electric Vehicle (EV) Charging Infrastructure Requirements 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. Establishing Policies <ul style="list-style-type: none"> • HB 830 (2023) 	Transportation	EV Charging Infrastructure	2023



STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
 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) 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)	Transportation	Transportation Plans and Targets	2024

STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
 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	
	Bicycle Friendly States Maryland is ranked 9th out of 50 in the 2024 Bicycle Friendly State rankings by the League of American Bicyclists.	Transportation	Public and Active Transportation	
	Establishing Policies <ul style="list-style-type: none"> Maryland Bicycle Friendly State Scorecard Policy Components  5/5			
 Not Enacted	Buy Clean Requirements 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.	Industry, Materials, and Waste Management	Industrial Decarbonization	
	Hydrofluorocarbon (HFC) Regulations The state prohibits certain HFCs in specific stationary refrigeration and air-conditioning end-uses.	Industry, Materials, and Waste Management	F-gas Regulations	2020
 Enacted	Establishing Policies <ul style="list-style-type: none"> Chapter 26.11.33 (2020) 			



STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
 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	
 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 <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• COMAR 26.11.42 (2023)	Industry, Materials, and Waste Management	Waste Management	2023



STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Food Waste Bans and Targets				
✓ Enacted	<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> <ul style="list-style-type: none">Article II, Section 17(c) of the Maryland Constitution - Chapter 439 (2021)	Industry, Materials, and Waste Management	Waste Management	2021
Agriculture Financial Incentives				
✓ Enacted	<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> <ul style="list-style-type: none">HB 1063 (2017)Maryland Healthy Soils ProgramCover Crop Program	Natural and Working Lands	Agriculture	2017



STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
--------	--------	-------------	-----------------	--------------

Agriculture Technical

Assistance Programs



Not
Enacted

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.

Natural and
Working Lands

Agriculture