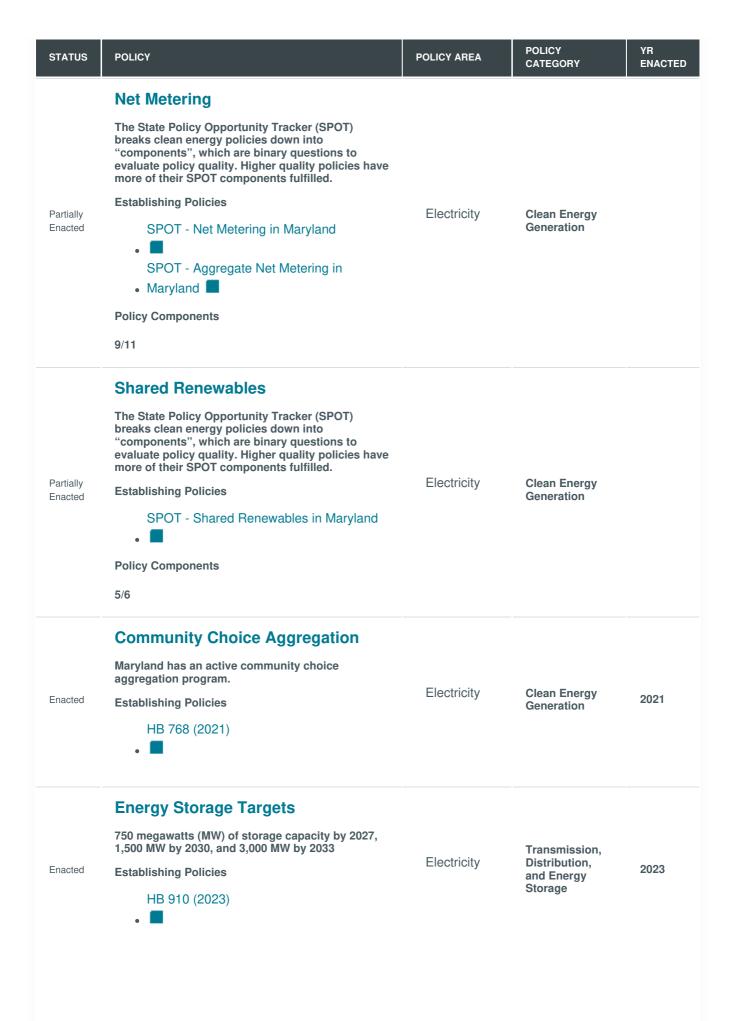
STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YR ENACTED
Enacted	Greenhouse Gas Emissions Reduction Targets  60% by 2031   Net-zero by 2045  Relative to 2006 levels  Establishing Policies  SB 528 - Climate Solutions Now Act of  2022 (2022)	Climate Governance and Equity	Climate Governance	2022
Enacted	Climate Action Plans  Maryland's Climate Pollution Reduction Plan  Establishing Policies  SB 528 - Climate Solutions Now Act of  2022 (2022)  Maryland's Climate Pollution Reduction  Plan (2023)	Climate Governance and Equity	Climate Governance	2023
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

STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YR ENACTED
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
Enacted	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, 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
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 percentage of funds and/or benefits from other policies are allocated to EJ communities.	Climate Governance and Equity	Environmental Justice and Equity	

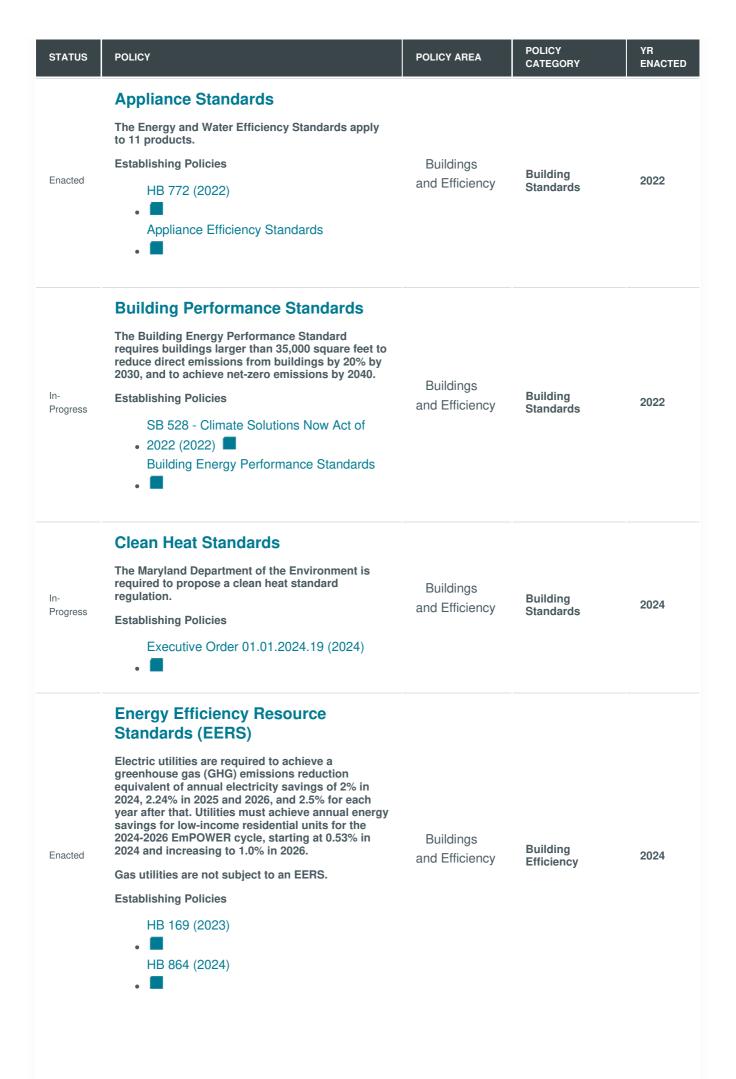
STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YR ENACTED
	Environmental Justice Bureaucracy			
	MDE – EJ Coordinator			
Enacted	The Climate Solutions Now Act of 2022 also requires the Maryland Department of Environment to provide staff for the Commission on Environmental Justice and Sustainable Communities	Climate Governance and Equity	Environmental Justice and Equity	2022
	Establishing Policies	and Equity	Equity	
	SB 528 - Climate Solutions Now Act of 2022 (2022)  MDE – EJ Coordinator			
	Environmental Justice Advisory Bodies			
Enacted	Commission on Environmental Justice and Sustainable Communities	Climate Governance	Environmental Justice and	
	Establishing Policies	and Equity	Equity	
	Commission on Environmental Justice and <ul><li>Sustainable Communities</li></ul>			
	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	YR ENACTED
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
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	YR ENACTED
Enacted	Clean Energy and Renewable Portfolio Standards  30.5% renewable energy by 2020   50% by 2030  Establishing Policies  SB 516 (2019)  •	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	
Not Enacted	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.	Electricity	Energy Plans and Targets	
Enacted	Distributed Generation/Solar 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 - Distributed Generation/Solar  • Carve-out in Maryland  Policy Components  5/5	Electricity	Clean Energy Generation	



STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YR ENACTED
Enacted	Interconnection Standards  Maryland received a C grade from Freeing the Grid.  Establishing Policies  Freeing the Grid Maryland 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	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
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	YR ENACTED
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
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	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
Enacted	Low-Emission Vehicle (LEV) Standards  Maryland Clean Cars Program Establishing Policies  COMAR 26.11.34.00 (2023)  Maryland Clean Cars Program  Maryland Clean Cars Program	Transportation	Light-Duty Vehicles	2023

**POLICY** 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 hydrogen-powered vehicles. **Light-Duty** Enacted 2023 Transportation **Vehicles Establishing Policies** Advanced Clean Cars II (2023) Advanced Clean Cars II Program **Electric Vehicle Rebates Light-Duty** Not Electric vehicle rebates offer rebates to make light-Transportation **Vehicles** Enacted duty electric vehicles more affordable to increase their adoption in a state. Low NOx Omnibus Rules Low NOx Omnibus Rules establish stringent tailpipe emission standards for heavy duty Medium- and vehicles, updated testing procedures, and Not **Heavy-Duty** technology-neutral compliance mechanisms to Transportation Enacted **Vehicles** 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. 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 Medium- and are zero-emissions. Enacted **Heavy-Duty** 2023 Transportation Vehicles **Establishing Policies** HB 230 (2023) Advanced Clean Trucks Rule (2023)

**POLICY** STATUS **POLICY POLICY AREA CATEGORY 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. Medium- and **Establishing Policies** Enacted **Heavy-Duty** 2022 Transportation **Vehicles** HB 1391 (2022) Medium-Duty and Heavy-Duty Zero- Emission Vehicle Grant Program **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 Lead by vehicle fleet are ZEVs by 2036 2022 Enacted Transportation Example **Establishing Policies** SB 528 - Climate Solutions Now Act of 2022 (2022) **Electric Bus Procurement Targets** 25% of annual bus procurements by the Maryland Transit Administration are zero-emission by FY25 Lead by Enacted 2024 **Establishing Policies** Transportation **Example** SB 362 (2024) **Electric Vehicle (EV) Charging Infrastructure Requirements** Requires that new construction of detached singlefamily homes, duplexes, and townhouses with a separate garage or driveway have one parking **EV Charging** space that is EV-ready or has EV supply 2023 Enacted Transportation Infrastructure equipment (EVSE) installed. **Establishing Policies** HB 830 (2023)

POLICY STATUS POLICY **POLICY AREA CATEGORY ENACTED Electric Vehicle (EV) Charging Infrastructure Rebates** 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 **EV Charging** Enacted Transportation Infrastructure and up to \$5,000 for commercial chargers. **Establishing Policies** Electric Vehicle Supply Equipment (EVSE) Rebate Program Electric Vehicle (EV) and EV **Charging Infrastructure Plans Transportation** Electric vehicle (EV) and EV charging Not Plans and Transportation infrastructure plans are documents that provide a Enacted **Targets** framework to guide the development, coordination, and adoption of EVs and EV charging infrastructure. **Transportation Greenhouse Gas Emissions Reduction Targets** The Maryland Department of Transportation is required to establish specific annual greenhouse **Transportation** gas and vehicle miles traveled reduction targets In-Plans and 2024 for the transportation sector. Transportation Progress **Targets Establishing Policies** Executive Order 01.01.2024.19 (2024) **Low Carbon Fuel Standards Transportation** A low carbon fuel standard (LCFS) is a market-Not Plans and based mechanism to reduce the carbon intensity of Transportation Enacted **Targets** transportation fuels and account for the fuel's life cycle greenhouse gas emissions. **Bicycle Friendly States** Maryland is ranked 14th out of 50 in the 2022 Bicycle Friendly State rankings by the League of American Bicyclists. Public and **Establishing Policies** Active Enacted Transportation **Transportation** Maryland Bicycle Friendly State Scorecard **Policy Components** 5/5

STATUS	POLICY	POLICY AREA	POLICY YR CATEGORY ENACTED
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
Enacted	Hydrofluorocarbon (HFC) Regulations  The state prohibits certain HFCs in specific stationary refrigeration and air-conditioning enduses.  Establishing Policies  Chapter 26.11.33 (2020)	Industry, Materials, and Waste Management	F-gas 2020 Regulations
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  COMAR 26.11.41 (2020)	Industry, Materials, and Waste Management	Oil and Gas 2020 Regulations
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 2017 Regulations
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 2023 Management

STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YR ENACTED
Enacted	Food Waste Bans and Targets  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.  Establishing Policies  Article II, Section 17(c) of the Maryland  • Constitution - Chapter 439 (2021)	Industry, Materials, and Waste Management	Waste Management	2021
Enacted	Agriculture 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
Not Enacted	Agriculture Technical Assistance Programs  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	