

STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YR ENACTED
Enacted	<p>Greenhouse Gas Emissions Reduction Targets</p> <p>26% by 2025 80% by 2050</p> <p>Relative to 2005 levels</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> Executive Order 2019-01 (2019) 	Climate Governance and Equity	Climate Governance	2019
Enacted	<p>Climate Action Plans</p> <p>Pennsylvania Climate Action Plan</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> Act 70 of 2008 (2007) Pennsylvania Climate Action Plan (2021) 	Climate Governance and Equity	Climate Governance	2021
Enacted	<p>State Greenhouse Gas Emissions Inventory</p> <p>The 2005-2021 Greenhouse Inventory was published in June 2024.</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> Act 70 of 2008 (2008) 2005-2021 Greenhouse Inventory (2024) 	Climate Governance and Equity	Climate Governance	2024
Not Enacted	<p>Climate Bureaucracy</p> <p>Climate bureaucracy consists of dedicated climate offices and staff, interagency working groups, task forces, and other bodies made up of government staff. These bodies are often responsible for writing a state's climate plan and implementing the policies and strategies identified to meet its climate targets.</p>	Climate Governance and Equity	Climate Governance	
Enacted	<p>Climate Advisory Bodies</p> <p>Climate Change Advisory Committee</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> Act 70 of 2008 (2008) Climate Change Advisory Committee 	Climate Governance and Equity	Climate Governance	2008

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Enacted	<p>Environmental Justice Community Definitions</p> <p>"Environmental justice areas" are the 20% highest scoring census tracts from PennEnviroScreen, which includes components related to pollution burden, such as environmental exposures and effects, and population characteristics, such as indicators related to health outcomes and socioeconomic factors.</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> Environmental Justice Public Participation <ul style="list-style-type: none"> Policy (2018) ■ 	Climate Governance and Equity	Environmental Justice and Equity	2018
Enacted	<p>Environmental Justice Mapping Tools</p> <p>PennEnviroScreen</p> <p>Environmental Justice Areas Viewer</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> Environmental Justice Areas Viewer <ul style="list-style-type: none"> (2023) ■ 	Climate Governance and Equity	Environmental Justice and Equity	2023
Not Enacted	<p>Environmental Justice Community Investment Requirements</p> <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	
Enacted	<p>Environmental Justice Bureaucracy</p> <p>PA DEP – Office of Environmental Justice</p> <p>Environmental Justice Interagency Council</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> Executive Order 2021-07 (2021) <ul style="list-style-type: none"> ■ PA DEP – Office of Environmental Justice <ul style="list-style-type: none"> ■ Environmental Justice Interagency Council <ul style="list-style-type: none"> ■ 	Climate Governance and Equity	Environmental Justice and Equity	2021

STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YR ENACTED
Enacted	<p>Environmental Justice Advisory Bodies</p> <p>Environmental Justice Advisory Board</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> • Executive Order 2021-07 (2021) • Environmental Justice Advisory Board 	Climate Governance and Equity	Environmental Justice and Equity	2021
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	
Not Enacted	<p>Just Transition Advisory Bodies</p> <p>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.</p>	Climate Governance and Equity	Just Transition	
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	

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Not Enacted	<p>Green Banks</p> <p>Green banks are public, quasi-public, or non-profit entities that use innovative financing to invest in climate solutions and attract private capital across various economic sectors.</p>	Cross-Sector	Climate Finance	
Not Enacted	<p>Carbon Pollution Pricing</p> <p>Carbon pollution pricing establishes a pollution fee or cap-and-trade program on the greenhouse gas emissions associated with each sector/source of emissions within the state. Programs typically cover the electricity, buildings, transportation, and/or industrial sectors.</p>	Cross-Sector	Carbon Valuation	
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	
Enacted	<p>Clean Energy and Renewable Portfolio Standards</p> <p>18% renewable energy by 2020-2021</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> Pa. Cons. Stat. tit. 66 §2814 (2004) 	Electricity	Energy Plans and Targets	2004
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	

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Partially 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 Pennsylvania ■ <p>Policy Components</p> <p>1/5</p>	Electricity	Clean Energy Generation	
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 Pennsylvania <ul style="list-style-type: none"> ■ SPOT - Aggregate Net Metering in Pennsylvania <ul style="list-style-type: none"> Pennsylvania ■ <p>Policy Components</p> <p>10/11</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 Pennsylvania <ul style="list-style-type: none"> Pennsylvania ■ <p>Policy Components</p> <p>2/6</p>	Electricity	Clean Energy Generation	
Not Enacted	<p>Community Choice Aggregation</p> <p>Community choice aggregation allows local governments to procure power on behalf of their residents, businesses, and municipal accounts from an alternative supplier while still receiving transmission and distribution service from their existing utility provider.</p>	Electricity	Clean Energy Generation	

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Not Enacted	<p>Energy Storage Targets</p> <p>Energy storage targets establish procurement targets for energy storage systems by a certain date, often with interim targets. Targets can vary from broad megawatt (MW) requirements to more specific mandates that focus on the adoption of certain storage technologies.</p>	Electricity	Transmission, Distribution, and Energy Storage	
Enacted	<p>Interconnection Standards</p> <p>Pennsylvania received a D grade from Freeing the Grid.</p> <p>Establishing Policies</p> <p>Freeing the Grid Pennsylvania Grade</p> <ul style="list-style-type: none"> (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 2018 IECC.</p> <p>Establishing Policies</p> <p>Pennsylvania State Energy Code (2021)</p> <ul style="list-style-type: none"> ■ 	Buildings and Efficiency	Building Codes	2021
Enacted	<p>Commercial Energy Codes</p> <p>The statewide energy code is 2018 IECC and ASHRAE 90.1-2016</p> <p>Establishing Policies</p> <p>Pennsylvania State Energy Code (2021)</p> <ul style="list-style-type: none"> ■ 	Buildings and Efficiency	Building Codes	2021

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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	
Not Enacted	<p>Appliance Standards</p> <p>Appliance standards set minimum energy and water conservation requirements for appliances and equipment.</p>	Buildings and Efficiency	Building Standards	
Not Enacted	<p>Building Performance Standards</p> <p>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.</p>	Buildings and Efficiency	Building Standards	
Not Enacted	<p>Clean Heat Standards</p> <p>Clean heat standards establish a performance standard requiring heat providers to deliver a gradually-increasing percentage of low-emission heating services to customers.</p>	Buildings and Efficiency	Building Standards	
Enacted	<p>Energy Efficiency Resource Standards (EERS)</p> <p>Electric utilities are required to achieve a statewide energy savings target for 2021-2016 that is equivalent to 3.1% of 2009-2010 statewide energy sales. Energy savings targets vary by utility, ranging from 2.4% to 3.5%.</p> <p>Gas utilities are not subject to an EERS.</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> • Pa. Cons. Stat. Ann. tit. 66, § 2806.1. (2008) ■ • Docket No. M-2020-3015228 (2020) ■ 	Buildings and Efficiency	Building Efficiency	2020
Enacted	<p>Property Assessed Clean Energy (PACE)</p> <p>Pennsylvania has enacted commercial PACE-enabling legislation and has active programs.</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> • SB 234 (2018) ■ 	Buildings and Efficiency	Building Efficiency	2018

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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 <ul style="list-style-type: none"> Pennsylvania ■ <p>Policy Components</p> <p>2/4</p>	Buildings and Efficiency	Building Efficiency	
Not Enacted	<p>All-Electric Buildings</p> <p>All-electric buildings policies require new buildings to be constructed with all-electric heating, cooling, and cooking systems to transition away from fossil-fuel use in buildings.</p>	Buildings and Efficiency	Building Electrification	
Enacted	<p>Low-Emission Vehicle (LEV) Standards</p> <p>Pennsylvania Clean Vehicles Program</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> 25 Pa. Code Chapters 121 and 126 (2008) <ul style="list-style-type: none"> ■ Pennsylvania Clean Vehicles Program <ul style="list-style-type: none"> ■ 	Transportation	Light-Duty Vehicles	2008
Not Enacted	<p>Zero-Emission Vehicle (ZEV) Mandates</p> <p>Zero-Emission Vehicle (ZEV) mandates, also known as "clean car standards," require automakers to produce and sell a certain percentage of zero-emission light-duty vehicles each model year based on total new vehicle sales. The most stringent ZEV mandates require 100% of new vehicle sales to be electric by 2035 and are known as "Advanced Clean Cars II".</p>	Transportation	Light-Duty Vehicles	
Enacted	<p>Electric Vehicle Rebates</p> <p>The Alternative Fuel Vehicle Rebate program offers rebates for new and pre-owned EVs: up to \$2,000 for battery EVs, \$1,500 for plug-in hybrid EVs, and \$500 for electric motorcycles, with an additional \$1,000 rebate for low-income applicants.</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> Alternative Fuel Vehicle Rebate Program <ul style="list-style-type: none"> ■ 	Transportation	Light-Duty Vehicles	

STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YR ENACTED
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	
Not Enacted	<p>Medium- and Heavy-Duty (MHD) Zero-Emission Vehicle (ZEV) Mandates</p> <p>Medium- and heavy-duty (MHD) zero-emission vehicle mandates, also known as "Advanced Clean Trucks", require automakers to produce and sell a certain number of zero-emission MHD vehicles to fulfill a quota based on a percentage of total sales in states.</p>	Transportation	Medium- and Heavy-Duty Vehicles	
Not Enacted	<p>Medium- and Heavy-Duty Electric Vehicle (EV) Rebates</p> <p>Medium- and heavy-duty (MHD) electric vehicle rebates consist of programs and policies that offer rebates to make MHD electric vehicles more affordable to increase their adoption in a state.</p>	Transportation	Medium- and Heavy-Duty Vehicles	
Enacted	<p>Public Fleet Electric Vehicle (EV) Procurement Targets</p> <p>State agencies must replace 25% of passenger car fleet with EVs and PHEVs by 2025</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> Executive Order 2019-01 (2019) 	Transportation	Lead by Example	2019
Not Enacted	<p>Electric Bus Procurement Targets</p> <p>Electric bus procurement targets require that a certain percentage or number of school buses and/or transit buses purchased or leased by the state, transit authorities, and/or school districts must be electric or zero-emissions.</p>	Transportation	Lead by Example	
Not Enacted	<p>Electric Vehicle (EV) Charging Infrastructure Requirements</p> <p>Electric vehicle (EV) charging infrastructure requirements establish mandates for the installation of EV charging infrastructure in new construction or developments, such as residential or commercial buildings, and public parking lots.</p>	Transportation	EV Charging Infrastructure	

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Not Enacted	<p>Electric Vehicle (EV) Charging Infrastructure Rebates</p> <p>Electric vehicle (EV) charging infrastructure rebates offer rebates to make the purchase and/or installation costs of EV charging infrastructure more affordable.</p>	Transportation	EV Charging Infrastructure	
Enacted	<p>Electric Vehicle (EV) and EV Charging Infrastructure Plans</p> <p>Pennsylvania Electric Vehicle Roadmap</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> Pennsylvania Electric Vehicle Roadmap <ul style="list-style-type: none"> (2019) ■ 	Transportation	Transportation Plans and Targets	2019
Not Enacted	<p>Transportation Greenhouse Gas Emissions Reduction Targets</p> <p>Transportation greenhouse gas (GHG) emissions reduction targets are set by a state to limit emissions in the transportation sector. These targets aim to reduce emissions by specific amounts over time, often expressed as a percentage reduction from a baseline year.</p>	Transportation	Transportation Plans and Targets	
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>Pennsylvania is ranked 12th 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"> Pennsylvania Bicycle Friendly State <ul style="list-style-type: none"> Scorecard ■ <p>Policy Components</p> <p>5/5</p>	Transportation	Public and Active Transportation	
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	

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Not Enacted	<p>Hydrofluorocarbon (HFC) Regulations</p> <p>Hydrofluorocarbon (HFC) regulations include phasedown commitments, rulemakings, disclosure requirements, bans, or other measures that reduce HFC usage and emissions.</p>	Industry, Materials, and Waste Management	F-gas Regulations	
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 adhere to reasonably available control technology (RACT) requirements and RACT emission limitations for conventional oil and natural gas sources of volatile organic compounds (VOCs).</p> <p>Establishing Policies</p> <ul style="list-style-type: none"> Regulation #7-580 (2022) 	Industry, Materials, and Waste Management	Oil and Gas Regulations	2022
Not Enacted	<p>Fracking Bans</p> <p>Fracking bans prohibit the practice of hydraulic fracking for the production of oil and/or natural gas by a certain year. Legislation often requires an environmental agency or department to promulgate regulations.</p>	Industry, Materials, and Waste Management	Oil and Gas Regulations	
Not Enacted	<p>Landfill Methane Regulations</p> <p>Landfill methane regulations include rulemakings, emissions monitoring, emissions control, or other measures that reduce methane emissions from decaying organic waste in landfills.</p>	Industry, Materials, and Waste Management	Waste Management	
Not Enacted	<p>Food Waste Bans and Targets</p> <p>Food waste bans and targets include policies that prohibit certain entities that generate specified amounts of food waste (typically commercial businesses and larger institutions) from sending this waste to landfills. Targets aim to reduce total food waste by a certain percentage each target year.</p>	Industry, Materials, and Waste Management	Waste Management	

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Agriculture Financial Incentives

The Conservation Excellence Grant Program provides grants, loans, and tax credits for soil management practices, including soil health measures.

The Agriculture-Linked low Interest Loan (AgriLink) Program provides low-interest loans to implement best management practices (BMPs), including soil health measures.

Enacted

Establishing Policies

- [2019 Act 39 \(2019\)](#) ■
- [2019 Act 37 \(2019\)](#) ■
- [Conservation Excellence Grant Program \(2019\)](#) ■
- [Agriculture-linked low Interest Loan \(AgriLink\) Program \(2019\)](#) ■

Natural and Working Lands

Agriculture

2019

Agriculture Technical Assistance Programs

The Conservation Excellence Grant Program provides financial and technical assistance to implement soil management practices, including soil health measures.

Enacted

Establishing Policies

- [2019 Act 39 \(2019\)](#) ■
- [Conservation Excellence Grant Program \(2019\)](#) ■

Natural and Working Lands

Agriculture

2019