

STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	Greenhouse Gas Emissions Reduction Targets 28% by 2025 52% by 2030 Carbon neutral by 2050	Climate Governance Climate Governa and Equity	Climate	2020
	Relative to 2005 levels Establishing Policies • Executive Directive 2020- 10 (2020)		Governance	2020
Enacted	Climate Action Plans MI Healthy Climate Plan Establishing Policies • Executive Directive 2020- 10 (2020) • MI Healthy Climate Plan (2022)	Climate Governance and Equity	Climate Governance	2022

State Greenhouse Gas

Emissions Inventory

Not Enacted

State greenhouse gas (GHG) emissions inventories report sector-based GHG emissions in a given year, and often provide historical data on emissions over time. Inventories may also include data on co-pollutant emissions.

Climate Governance

and Equity

Climate Governance







STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	Climate Bureaucracy Office of Climate and Energy Establishing Policies • Executive Order 2019-06 (2019) • Office of Climate and Energy	Climate Governance and Equity	Climate Governance	2019
Enacted	Climate Advisory Bodies Council on Climate Solutions Establishing Policies • Executive Order 2020-182 (2020) • Council on Climate Solutions • Council on Climate Solutions Membership	Climate Governance and Equity	Climate Governance	2020

Environmental Justice

Community Definitions



Environmental justice (EJ) community definitions identify the specific, quantifiable thresholds that designate a geographical area as an EJ community. These definitions account for multiple factors, including both environmental and socioeconomic stressors, that may contribute to persistent environmental health disparities.

Climate Governance and Equity

Environmental Justice and Equity





STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	Environmental Justice Mapping Tools MiEJScreen: Environmental Justice Screening Tool (Version 1.0) Establishing Policies • MiEJScreen: Environmental Justice Screening Tool (Version 1.0) (2024)	Climate Governance and Equity	Environmental Justice and Equity	2024
	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





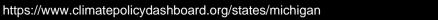


STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
	Environmental Justice Bureaucracy			
	EGLE – Office of the EJ Public Advocate	Governance		
	Michigan Interagency Environmental Justice Response Team		Environmental	
Enacted	Establishing Policies		Justice and Equity	2019
	 Executive Order 2019-06 (2019) EGLE – Office of the EJ Public Advocate Michigan Interagency Environmental Justice Response Team 			
	Environmental Justice			
	Advisory Bodies			
C Enacted	Michigan Advisory Council on Environmental Justice	Climate Governance	Environmental Justice and	0000
	Establishing Policies	and Equity	Equity	2020
	 Michigan Advisory Council on Environmental Justice (2020) 			

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	Climate Governance and Equity	Environmental Justice and Equity
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being denied.



STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
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	
Center Enacted	Just Transition Offices and Staff Community & Worker Economic Transition Office within the Department of Labor and Economic Opportunity (LEO) Establishing Policies • Gov. Whitmer Launches New Office to Help Michiganders Benefit from Transitions in the Auto and Energy Sectors (2024)	Climate Governance and Equity	Just Transition	2024
	Just Transition Advisory Bodies			



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 nongovernment members, or be a mix of government and nongovernment members.

Climate Governance

Just Transition

and Equity

Just Transition





STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
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 Michigan Saves Establishing Policies • Michigan Saves	Cross-Sector	Climate Finance	2009
Not Enacted	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.	Cross-Sector	Carbon Valuation	
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	Cross-Sector	Carbon Valuation	

emitted. The social cost of carbon is used to quantify and monetize climate damages, representing the net economic cost of climate pollution to society.



STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	Clean Energy and Renewable Portfolio Standards 15% renewable energy by 2027 50% by 2030 60% renewable and 80% clean energy by 2035 100% clean energy by 2040 Establishing Policies • SB 271 (2023)	Electricity	Energy Plans and Targets	2023
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	Electricity	Energy Plans and Targets	

Clean Energy Plans

year.

Not Enacted 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.

percentage relative to a baseline

Electricity

Energy Plans and Targets





STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Not Enacted	 Distributed Generation Carve- out The State Policy Opportunity fracker (SPOT) breaks clean energy policies down into "components", which are binary quality. Higher quality policies have more of their SPOT guality. Higher quality policies have more of their SPOT components fulfilled. Establishing Policies SPOT – Generation Carve- guts in Michigan Policy Components ✓ 	Electricity	Clean Energy Generation	

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.

Partially Enacted

Establishing Policies

- SPOT Net Metering in Michigan
- SPOT Aggregate Net Metering in Michigan

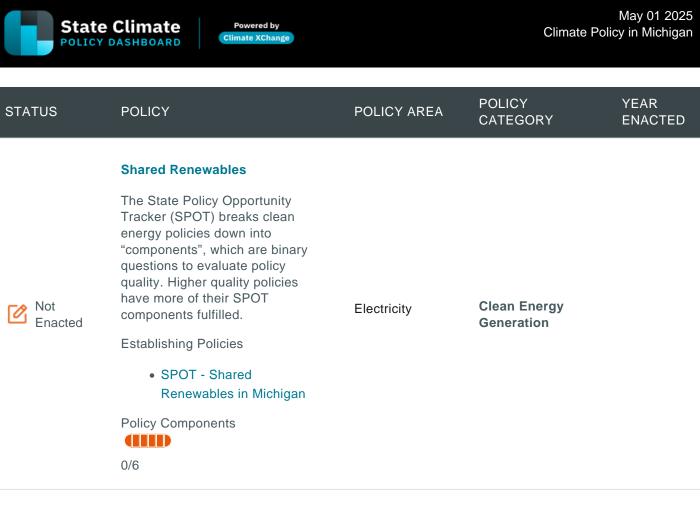
Policy Components

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Electricity

Clean Energy Generation





Community Choice

Aggregation



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.

Electricity

Clean Energy Generation

Transmission,

Distribution, and

Energy Storage

Energy Storage Targets



2,500 megawatts (MW) of energy storage capacity by 2030 Electricity Establishing Policies

• SB 271 (2023)



2023



STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	Interconnection Standards Michigan received a B grade from Freeing the Grid. Establishing Policies • Freeing the Grid Michigan 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	
Enacted	Coal Plant Securitization Securitization is authorized for coal plant retirement Establishing Policies • SB 937 (2000)	Electricity	Coal Retirement	2000
	Residential Energy Codes The statewide energy code for			

Establishing Policies

IECC with amendments.

 Michigan State Energy Code (2015)

residential construction is 2015

Buildings and

Efficiency

Building Codes



2015



STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	Commercial Energy Codes The statewide energy code for commercial building construction is 2015 IECC and ASHRAE 90.1- 2013. Establishing Policies • Michigan State Energy Code (2017)	Buildings and Efficiency	Building Codes	2017
	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

Appliance Standards

Not Enacted Appliance standards set minimum energy and water conservation requirements for appliances and equipment. Buildings and Efficiency

Building Standards





STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Progress	 Building Performance Standards Michigan will receive \$20M to develop and adopt a building performance standard through the federal Inflation Reduction Act's Support for Building Energy Codes and Innovative Codes. Establishing Policies Inflation Reduction Act Support for Building Energy Codes and Innovative Codes – Round Innovative Codes – Round 2 (2024) 	Buildings and Efficiency	Building Standards	

Clean Heat Standards



Clean heat standards establish a performance standard requiring heat providers to deliver a gradually-increasing percentage of low-emission heating services to customers.

Buildings and Efficiency

Building Standards



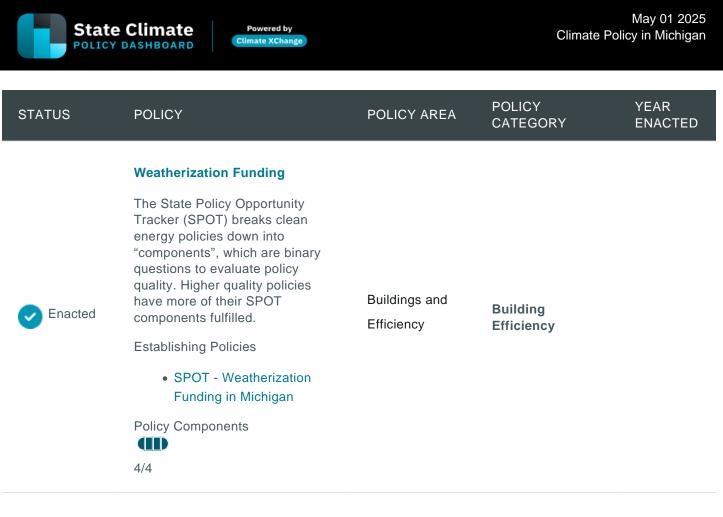


STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	 Energy Efficiency Resource Standards (EERS) Bortric utilities are required to achieve annual energy savings equivalent to 1% of preceding year's sales for electricity for 2017-2025, and 1.5% starting in 2026, with additional incentives for 2% savings or higher. Sas utilities are required to achieve annual energy savings for year's sales for natural gas for 2017-2025, and 0.875% starting in 2017-2025, and 0.875% starting to 2017-2025, and 0.875% starting in 2017-2018 	Buildings and Efficiency	Building Efficiency	2023
Enacted	Property Assessed Clean Energy (PACE) Michigan has enacted commercial PACE-enabling legislation and has active programs.	Buildings and Efficiency	Building Efficiency	2010

Establishing Policies

• HB 5640 (2010)





All-Electric Buildings

Not Enacted 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.

Buildings and Efficiency

Building Electrification

Low-Emission Vehicle (LEV) Standards

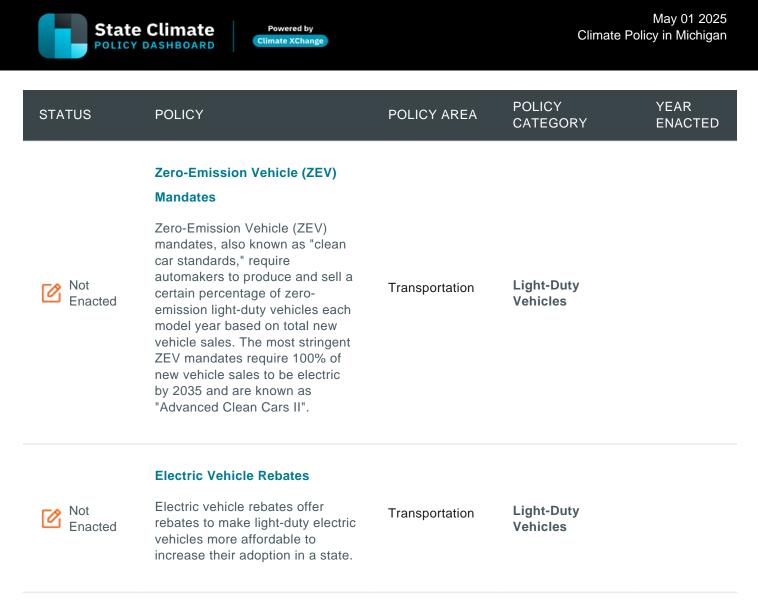


Under Section 177 of the Clean Air Act, California has the unique authority to establish vehicle emission standards more stringent than federal standards, and other states may adopt California's standards. These Low-Emission Vehicle (LEV) standards control tailpipe emissions of criteria pollutants and greenhouse gasses from light-duty vehicles.

Transportation

Light-Duty Vehicles





Low NOx Omnibus Rules

Not

Enacted

Low NOx Omnibus Rules establish stringent tailpipe emission standards for heavy duty vehicles, updated testing procedures, and technologyneutral 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
Not Enacted	Medium- and Heavy-Duty (MHD) Zero-Emission Vehicle (ZEV) Mandates 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.	Transportation	Medium- and Heavy-Duty Vehicles	
Not Enacted	Medium- and Heavy-Duty Electric Vehicle (EV) Rebates 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.	Transportation	Medium- and Heavy-Duty Vehicles	
Enacted	Public Fleet Electric Vehicle (EV) Procurement Targets 100% of light-duty vehicles in the state fleet are ZEVs by 2033, and 100% medium- and heavy-duty vehicles in the state fleet are ZEVs by 2040 Establishing Policies • Executive Directive 2023-5 (2023)	Transportation	Lead by Example	2023





STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Not Enacted	Electric Bus Procurement Targets 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.	Transportation	Lead by Example	
Not Enacted	Electric Vehicle (EV) Charging Infrastructure Requirements 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.	Transportation	EV Charging Infrastructure	

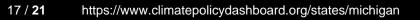
Electric Vehicle (EV) Charging

Infrastructure Rebates

Not Enacted Electric vehicle (EV) charging infrastructure rebates offer rebates to make the purchase and/or installation costs of EV charging infrastructure more affordable.

Transportation

EV Charging Infrastructure







STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	Electric Vehicle (EV) and EV Charging Infrastructure Plans Optimized EV Charger Placement Plan Establishing Policies • Optimized EV Charger Placement Plan (2019)	Transportation	Transportation Plans and Targets	2019
Not Enacted	Transportation Greenhouse Gas Emissions Reduction Targets 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.	Transportation	Transportation Plans and Targets	

Low Carbon Fuel Standards

Not Enacted 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





STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
	Bicycle Friendly States			
	Michigan is ranked 10th out of 50 in the 2024 Bicycle Friendly State rankings by the League of American Bicyclists.			
Partially Enacted	Establishing Policies	Transportation	Public and Active	
	 Michigan Bicycle Friendly State Scorecard 		Transportation	
	Policy Components			
	3/5			
	Buy Clean Requirements	Industry,		
Not Enacted	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.	Materials, and Waste Management	Industrial Decarbonization	
	Hydrofluorocarbon (HFC)			
	Regulations	Industry,		
Not Enacted	Hydrofluorocarbon (HFC) regulations include phasedown commitments, rulemakings, disclosure requirements, bans, or other measures that reduce HFC usage and emissions.	Materials, and Waste Management	F-gas Regulations	
	Sulfur Hexafluoride (SF6)			
	Regulations	Industry,		
Not	Sulfur hexafluoride (SF6)	Materials, and	F-gas	
Enacted	regulations include phasedown commitments, reporting	Waste	Regulations	
	requirements, bans, or other	Management		

measures that reduce SF6 usage

and emissions.





			POLICY YEAR
STATUS	POLICY	POLICY AREA	CATEGORY ENACTED
Not Enacted	Oil and Gas Methane Regulations Oil and gas methane regulations include phasedown commitments, reporting requirements, leak detection and repair, or other measures that reduce methane emissions from oil and gas production.	Industry, Materials, and Waste Management	Oil and Gas Regulations
Not Enacted	Fracking Bans 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.	Industry, Materials, and Waste Management	Oil and Gas Regulations
Not Enacted	Landfill Methane Regulations Landfill methane regulations include rulemakings, emissions monitoring, emissions control, or other measures that reduce methane emissions from decaying organic waste in landfills.	Industry, Materials, and Waste Management	Waste Management
Not Enacted	Food Waste Bans and Targets 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	Industry, Materials, and Waste Management	Waste Management



each target year.





STATUS	POLICY	POLICY AREA	POLICY CATEGORY	YEAR ENACTED
Enacted	Agriculture Financial Incentives Michigan has passed legislation that creates and funds an agricultural resiliency program to promote soil health and regenerative agriculture. Establishing Policies • HB 4437 (2023)	Natural and Working Lands	Agriculture	2023
	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

