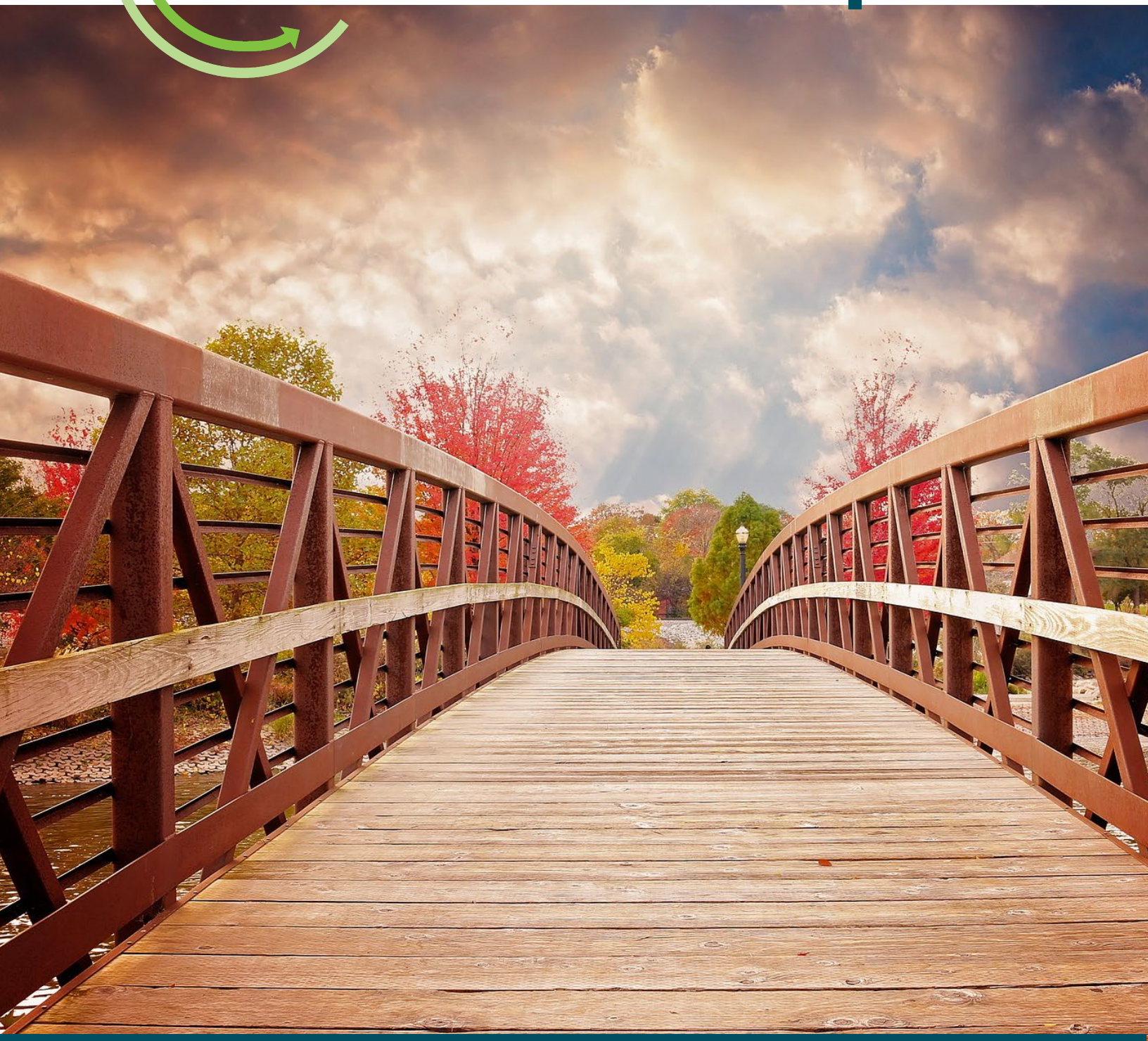
MI HEALTHY CLIMATE PLAN

2025 Report



EGLE MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

DECEMBER 2025

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

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December 2025

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Letter from the Director

Dear fellow Michigan residents:

It is no secret that we faced challenges in 2025, but I am proud to say that our team at the Department of Environment, Great Lakes, and Energy (EGLE) continued to further the goals of Governor Gretchen Whitmer's MI Healthy Climate Plan, while centering action on equity and justice.

The Plan's launch in 2022 marked a critical milestone in Michigan's climate strategy, with the goal of achieving carbon neutrality by 2050, and an intermediate target of reducing greenhouse gas emissions by 52% from 2005 levels by 2030. But this plan is about so much more than emissions reductions; it's a plan to mitigate the negative impacts of climate change while spurring economic opportunity, creating good-paying jobs, improving public health, protecting our air, land, and water, and ensuring an affordable and equitable transition for all Michiganders.

Michigan's continued success in 2025 proves that state action matters. Despite national rollbacks in climate and environmental oversight, we remained steadfast in our goals this past year, and Michigan remains a national leader in clean energy. In 2025, our state committed $129 million to expand the Renewables Ready Community Award program to incentivize local government hosting of utility scale renewables projects; we announced the continuation of an accelerator to support community-based organizations in their capacity building efforts around climate justice; and Lieutenant Governor Garlin Gilchrist II launched the MI Healthy Climate Challenge, a series of grant competitions to drive clean energy deployment and unlock investments across Michigan.

With the strong leadership of Governor Whitmer, collaboration across state departments, and support from local governments, Tribal nations, community organizations, and residents, we are charting our own path forward - embracing clean energy solutions, expanding equitable access to funding, and preparing communities to face a changing climate with resilience. We invite every resident to be part of this journey.

In 2026, EGLE will continue our commitment to realizing the vision of the MI Healthy Climate Plan—a vision we can't realize alone. Together, we can ensure every Michigan resident experiences the benefits of a clean energy future, including lower energy costs, good-paying jobs, and cleaner air. I look forward to working with you as we create a healthier, more equitable future for every Michigander.

Phillip D. Roos, Director
Michigan Department of Environment, Great Lakes, and Energy

Introduction

Released on April 21, 2022, the MI Healthy Climate Plan (Plan) serves as Michigan's action plan to reduce greenhouse gas (GHG) emissions and transition toward a carbon neutral economy. This comprehensive plan aims to protect the health of Michiganders and our environment, while putting Michigan on a path towards carbon neutrality by 2050. The Michigan Department of Environment, Great Lakes, and Energy (EGLE) provides an annual report to the Governor on activities in support of its implementation as required in Governor Gretchen Whitmer's Executive Order 2020-182. This report provides a snapshot of activities undertaken in 2025 to further the goals of the Plan. In addition to the progress and key accomplishments on the pathway to implementing the Plan, this report includes significant initiatives conducted by EGLE through the Office of Climate and Energy (OCE) as well as other state agencies to drive climate action across Michigan.

Governor Whitmer's Executive Directive 2019-12 entered Michigan into the United States (U.S.) Climate Alliance and committed the state to pursue at least a 26-28% reduction below 2005 levels in GHG emissions by 2025. As of 2025 the states in the Alliance collectively reduced net GHG emissions by 24% between 2005 and 2023, which sits within the margin of error to meet its near-term climate goal of reducing collective GHG emissions 26% below 2005 levels by 2025.[1]

Throughout 2025, the state of Michigan continued advancing wide-ranging programs focused on equitable climate action. The state rolled out major grant programs for renewable energy and energy storage, electric vehicles (EV), energy efficiency in buildings, recycling, food waste, and workforce development, among others. Natural and working lands programs strengthened regenerative agriculture, conservation, and water projection. The state continued providing technical assistance and support for local governments and community-based organizations. Together, these actions demonstrate Michigan's ongoing commitment toward an equitable, carbon neutral future.

This annual report is not meant to be exhaustive, but rather illustrative of the many actions being taken across the state toward reaching a carbon neutral Michigan

[1] U.S. Climate Alliance. Pressing Forward: 2025 Annual Report — Governors' Enduring Fight for a Resilient and Sustainable Future. U.S. Climate Alliance, 2025, p. 28. https://usclimatealliance.org/report/2025-annual-report/

Activities of the Council on Climate Solutions

The Council on Climate Solutions was created by Governor Whitmer's Executive Order 2020-182 as an advisory body in EGLE. The Council continues to play a foundational role in the implementation of the Plan. In 2025, the Council on Climate Solutions held three meetings on February 25, August 26, and November 18. Topics included updates on the activities of EGLE's OCE, the Michigan Department of Agriculture and Rural Development's (MDARD) regenerative agriculture program, the MI Mobility Plan of the Office of Future Mobility and Electrification (OFME), and EGLE's ongoing efforts to plug orphan wells.

Legislation to Implement the MI Healthy Climate Plan

The monumental clean energy legislation passed in 2023 positioned Michigan as a national clean energy leader and aimed to address the urgency of the climate crisis. The legislation balanced reliability and affordability while meeting our energy-related climate goals: shore up energy independence, protect private property rights, support good-paying jobs, lower energy costs, and protect Michigan's land, air, and water for current and future generations.

Public Acts 229, 231, 233, 234, and 235 were passed on November 8, 2023, and signed by Governor Whitmer on November 28, 2023. Status updates on legislation implementation can be found at the Michigan Public Service Commission (MPSC) 2023 Energy Legislation webpage. The Community and Worker Economic Transition Office was created as part of the 2023 legislation. The Office's mandate is to ensure that communities, workers, and employers impacted by clean energy transitions in the auto and utility sectors have the support they need to proactively prepare for, benefit from, and shape Michigan's future economy. Additional information about the Office, and recent activities, can be found at the Economic Transition Office's website.

Updates on Activities of EGLE's Office of Climate and Energy

EGLE's OCE was established to coordinate the state's efforts to achieve carbon neutrality by 2050 through the development and implementation of the Plan, as ordered by Governor Whitmer's Executive Order 2020-182 and Executive Directive 2020-10. The OCE provides guidance on reducing GHG emissions, promotes renewable energy and energy efficiency, and advocates for an affordable and equitable transition to a clean energy economy while mobilizing state and non-state resources to help Michigan reach carbon neutrality by 2050.

In July 2025, the OCE welcomed Alessandra Carreon as the new Chief Climate Officer. Alessandra comes to EGLE from the MPSC and brings experience in clean energy, sustainability, and public engagement. Under her leadership, the Office continues to implement the goals of the Plan and work towards a healthier future for Michigan.

EGLE and the OCE are grateful for the trailblazing work and enduring impact of Cory Connolly, who served as the Chief Climate Officer from December 2021 through June 2025.

Implementing the Plan: Michigan's Comprehensive Climate Action Plan

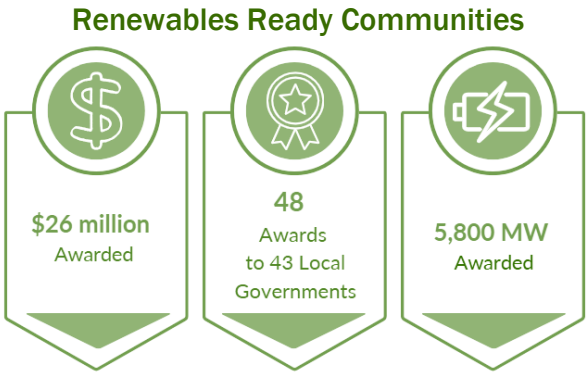
The report, Implementing the MI Healthy Climate Plan: Michigan's Comprehensive Climate Action Plan (CCAP), is a deliverable for the U.S. Environmental Protection Agency (EPA) Climate Pollution Reduction Grant (CPRG) Program. Finalized in 2025, the CCAP provides additional analysis for emission targets laid out by the Plan, identifies GHG emission reduction measures across all sectors of the economy, and incorporates feedback from public and key partner engagements. The Grand Valley Metropolitan Council and the Southeast Michigan Council of Governments also published CCAPs through the CPRG Program and coordinated closely with EGLE. Tribes in Michigan with CPRGs will publish their CCAPs in the spring of 2026.

Renewables Ready Communities Program

The EPA awarded EGLE $129.1 million in October 2024 for the Renewables Ready Communities (RRC) Program. The RRC Program expands a state funded pilot, the Renewables Ready Communities Award (RRCA), and will develop a brownfield renewable energy pilot.

The RRCA program aims to accelerate the buildout of large-scale renewable energy projects, including wind, solar, and storage, by providing flexible incentives to local units of government that permit and host the projects. These incentives provide funds for communities to make improvements and offer additional services to their residents, including road and bridge repairs, fire department upgrades, park and playground enhancements, accessibility accommodations and grounds improvements, and energy upgrades. The RRCA incentives are additional to the tax revenue and community benefits already received by host communities.

As of September 2025, EGLE has awarded more than $26 million out of its initial $30 million budget allocation to 43 counties, cities, and townships across the state's two peninsulas that are hosting enough solar and battery storage projects to power more than 5 million households.



Example: Coldwater Township received three RRCAs as of September 2025, with plans to fund tornado sirens, fire department upgrades, roads, playgrounds, parks, and a Town Hall expansion.

100 Megawatt (MW) of battery storage in Coldwater Township incentivized by the RRCA.

"These awards will significantly enhance our financial bottom line. It was very important to work with the renewable energy companies to have these projects in our township, keeping in mind the impact they may have on our residents." - ***Donald E. Rogers, Coldwater Township Supervisor***

Strategic Initiatives

Michigan Climate Investment Accelerator

On November 1, 2024, the state of Michigan launched the Michigan Climate Investment Accelerator to advance the development and deployment of climate-focused investments in Michigan. The accelerator is a strategy to unlock federal and private investments. As a part of the Accelerator, the Michigan Climate Investment Hub (Hub) officially launched in 2025.

Michigan Climate Investment Hub

The Hub officially launched in 2025 to support the mobilization of climate capital to power clean energy projects across the state. Located in Newlab at Michigan Central in Detroit, the Hub is a public-private partnership developed to increase the availability and access to climate capital in Michigan. The Hub was created through philanthropic support from the Kresge Foundation and in partnership with EGLE, Michigan Central, and 5 Lakes Energy to position Michigan as a priority market for climate investment. In April, the Hub welcomed Ben Dueweke as Director.

In summer 2025 the Hub space at Newlab welcomed Michigan Saves, the nation's first nonprofit green bank, and Lean and Green Michigan to collaboratively engage in creative climate financing solutions.

In December, the Hub and the University of Michigan Erb Institute co-hosted "Catalyst Michigan: Powering Investment and Innovation," in Ann Arbor, Michigan. The event celebrated strategies to finance the shift to a more efficient, resilient, and competitive economy, and opportunities to align capital, policy, and partnerships that will continue to strengthen Michigan as a national leader in deploying climate projects.

Coalition for Green Capital's 'Participatory Governance Summit' hosted in September 2025

MI Healthy Climate Challenge

The MI Healthy Climate Challenge is a series of grant competitions throughout 2025 and 2026 to drive clean energy deployment and unlock investments across Michigan.

Challenge #1: Solar for Savings – MI Solar for All Pilot Projects launched in April 2025 to support MI Solar for All pilot projects. The pilot projects were designed to bring solar energy savings to low-income households, boost energy resiliency, and help shape the future of clean energy across Michigan. The Challenge aimed to support eligible pilot projects in qualified low-income communities, including residential rooftop solar and residential-serving community solar projects. This Challenge was designed to accept three rounds of applications, but the program was forced to pause due to a termination letter from the EPA in August 2025, for the MI Solar for All program.

Prior to the cancelation, EGLE announced $13.9 million in awards to 13 pilot projects across the state including projects in Berrien, Chippewa, Delta, Kent, Oakland, Ottawa, Washtenaw, Wayne, and Wexford counties.

Challenge #2: Unlocking Elective Pay launched in August 2025 in partnership with the Michigan Infrastructure Office Technical Assistance Center to help tax exempt entities across Michigan access federal clean energy tax credits. This Challenge will provide grants to develop and deploy strategies that help nonprofits, local and Tribal governments, public school districts, electric cooperatives, houses of worship, and other tax-exempt entities access and utilize federal clean energy tax credits, specifically by using Elective Pay. Elective Pay is a mechanism that allows tax-exempt entities to claim federal clean energy tax credits in the form of cash payments, unlocking significant savings for community-driven clean energy projects. These funds can be used for a range of eligible projects, including solar, energy storage, geothermal installations, and electric vehicles and charging infrastructure. Awardees will be selected in December 2025.

Additional Challenges coming in 2026!

Communicate and Inspire

The MI Healthy Climate Conference

The third annual MI Healthy Climate Conference took place on April 22 and 23 at Huntington Place in Detroit. Governor Whitmer delivered the keynote address to a record-breaking 900+ attendees, emphasizing Michigan's continued commitment to bold climate action. Lieutenant Governor Garlin Gilchrist II announced the launch of the MI Healthy Climate Challenge.

"I'm not abandoning our climate goals, and I know you're not either."

- Governor Gretchen Whitmer during her address at the 2025 MI Healthy Climate Conference

Under the theme "Road to 2030," the conference celebrated the work being done across the state of Michigan to achieve the climate goals set by the Plan. Mainstage speakers and panelists shared success stories, challenges, and highlighted funding opportunities and best practices for implementing climate action.

Communications and Engagements

Communication and engagement are integral to communicating the goals and progress of the Plan. In 2025, the OCE hosted five engagement sessions, three webinars, seven virtual listening sessions, and reached over 7,411 people through its listserv. There are many ways to get involved in advancing our Plan goals! Learn more at MI Healthy Climate Plan: get involved.

Organize and Mobilize

MI Healthy Climate Fellows

The OCE launched the MI Healthy Climate (MHC) Fellows program in 2024 as part of Michigan's innovative strategy to implement the Plan, support local communities, build local capacity for climate action, and foster the next generation of climate leaders. The MHC Fellows serve at organizations across Michigan, providing critical support to communities tackling climate change.

The second cohort of the MHC Fellows started in November 2024 and continued into 2025, placing 31 fellows across the state working in government, non-profits, universities, and community-based organizations. As ambassadors for climate action in Michigan, the MHC Fellows receive training in community and relational organizing and are encouraged to conduct one-on-one meetings and host community engagement events. The infographic below details the impact of the MI Healthy Climate Fellows Cohort 2.

A third cohort of MHC Fellows will begin an 11-month service with 15 organizations starting in January 2026. The Community Economic Development Association of Michigan operates the MHC Fellows program, in partnership with EGLE.

MI Healthy Climate Fellows Cohort 2 Impact

Impact Story: Advancing Climate Action in Michigan's Upper Peninsula

Paola Rivera Gonzalez, Michigan Environmental Council

Originally from Utuado, Puerto Rico, Paola Rivera Gonzalez moved to the Upper Peninsula (UP) in 2020 to pursue a graduate program at Michigan Technological University. She served her 11-month fellowship with the Michigan Environmental Council (MEC) as the UP Clean Energy Organizer, helping to build organizational capacity for local renewable energy initiatives and supporting the growth of a collaborative clean energy network in the UP. Through thoughtfully planned events and quarterly engagement meetings, Paola convened a diverse group of academics, Tribal representatives, regional planners, and local officials around a shared goal – advancing clean energy solutions in alignment with Marquette County's Climate Action Plan and the Plan. These gatherings fostered connection, built trust, and helped mobilize regional action around environmental resilience.

Paola's interest in climate work and her passion for preserving natural lands made her an excellent candidate for her role with the MEC. The organization works closely with industry and state and local governments to ensure continued environmental protection and best practices throughout the state, believing that as Michiganders, we have a shared responsibility to enact bold policies that protect our people and preserve our state for generations to come. During her fellowship, Paola helped to revitalize the UP Clean Energy Coalition, convening key partners on advancing clean energy projects in the UP.

When asked why this fellowship was important to her, Paola explained that "Michigan has become my home in the contiguous U.S. and has sparked my passion for all the outdoor activities and natural communities that I now know. Michigan taught me to snowshoe, camp, snowboard, paddleboard, and admire the northern lights. It also taught me the resiliency of Michiganders advocating to keep their land and water clean."

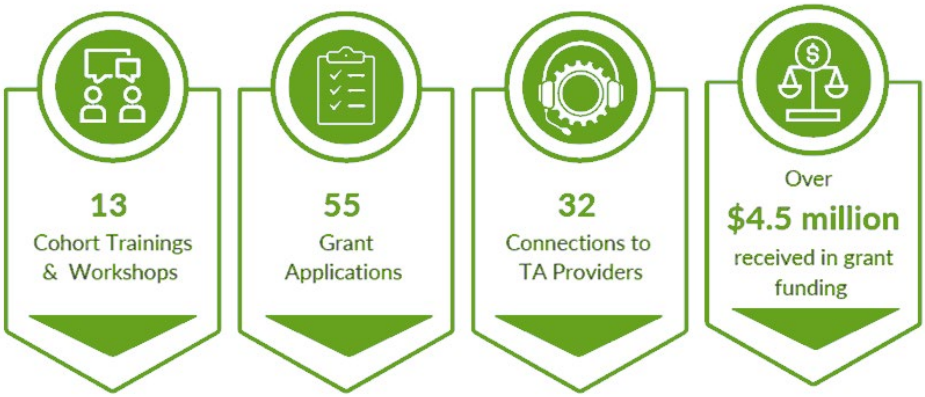
Climate Justice Challenge

To encourage state applicants for the EPA's Community Change Grant program, Michigan launched the Climate Justice Challenge with $11 million from the "Make it in Michigan Competitiveness Fund" to provide successful federal funding recipients 5% in matching grants and technical assistance support for federal grant management, compliance, and reporting. Five entities with projects in Michigan were awarded EPA Community Change Grants for a total of $87.9 million in grant awards for community-driven projects across the state. Projects included supporting home repair and energy-efficiency improvements, deployment of clean energy technologies, and development of resiliency hubs in communities.

In May 2025 the EPA moved to terminate the awarded Community Change Grants, leading to a pause in project implementation. During this time, EGLE continues to provide technical assistance support and funding to the awarded organizations through the MI Climate Justice Challenge.

Michigan Justice40 Accelerator

Michigan's Justice40 Accelerator program launched in October 2024 to help build capacity and support communities and organizations facing significant barriers to applying for federal and state funding and advancing clean energy and resilience. There were 25 community-based organizations selected to join the cohort, each receiving $25,000 participation stipends, one-on-one support from Accelerator staff, technical assistance tailored to the organization's needs, workshops regarding public grant opportunities, peer-to-peer learning sessions, and informational sessions with government agency officials. Throughout 2025, the program held 13 trainings and workshops, supported 55 grant applications for participants, made 32 connections to technical assistance providers, and as a result, program participants received over $4.5 million in grant funding.



In October 2025, EGLE announced that the current cohort would be invited to participate in a second year. Organizations will set tangible goals to advance their climate-related mission or project(s), connect to available resources, and build stronger partnerships across Michigan communities and sectors.

> *"Governor Whitmer and I are committed to building a healthier Michigan where everyone can succeed…Thanks to our work on clean energy, we're creating good paying jobs and protecting our environment…[this program] will help us build on that progress and continue supporting community-based organizations who are working on the frontlines of the future to grow our economy, achieve our climate goals, and invest in our cities and towns. Let's keep standing tall so every Michigander can thrive."* **– Lieutenant Governor Garlin Gilchrist II**

The Accelerator is a partnership of EGLE's OCE, the EGLE Office of the Environmental Justice Public Advocate, contracted nongovernmental organizations, Elevate Energy, and the Michigan Environmental Justice Coalition.

Building Climate Capacity in Communities and Local Governments

Catalyst Communities

Through the Catalyst Communities program, EGLE works with local governments across the state on sustainability goals, and to align priorities around the Plan. Webinars in 2025 included a focus on food waste and materials management planning. EGLE's 2025 Michigan Sustainability Conference, held on November 6 and 7 at the L.V. Eberhard Center in Grand Rapids, included topics and sessions related to food waste reduction and diversion, sustainability practices, an Exhibitor Expo, and opportunities and strategies for professional networking. The event also included a post-conference workshop on November 7, including a walking tour for local government leaders to discuss sustainability challenges and successes.

Michigan Green Communities

The EGLE-backed Michigan Green Communities (MGC) Challenge is a free program open to all local governments in the state of Michigan, serving as an annual recognition program for communities to measure progress toward sustainability, including climate mitigation and adaptation goals. The program also helps communities to protect infrastructure and to improve the quality of life for residents, ultimately creating a more environmentally and economically sustainable future for Michigan.

Applications for the 2024 Challenge were accepted between January 1 and May 15, 2025. The program saw a nearly 8% increase from 2023, recognizing 68 Michigan communities for sustainability accomplishments, and representing 5.5 million Michiganders. Local governments participating in the Challenge receive free technical assistance and peer learning opportunities through the MGC Accelerator Cohort and Catalyst Leadership Circle. The 2025 Challenge, for actions taken throughout 2025, will be open from January 1 to May 1, 2026.

Michigan Climate and Health Adaptation Planning Guide

In 2025, the Michigan Department of Health and Human Services' (MDHHS) Michigan Climate and Health Adaptation Program (MICHAP) partnered with the Michigan State University (MSU) Extension and MSU School of Planning, Design, and Construction to offer technical assistance for the implementation of the Climate and Health Adaptation Planning Guide for Michigan Communities. The goal is to use a Health-in-All Policies approach to climate planning to help communities engage diverse groups to identify current and future impacts from climate change, build a consensus vision around built environment adaptation, and provide specific recommendations for enacting adaptation strategies.

Coordinated Climate Action at EGLE

EGLE Climate Liaisons

Each of EGLE's 15 offices and divisions have identified at least one "Climate Liaison" from their team to help the OCE coordinate the implementation of the Plan. Facilitated by the OCE, the Climate Liaisons met quarterly throughout 2025 to share information, align activities with the priorities articulated in the Plan, and identify areas for coordination across EGLE.

A sampling of how EGLE Divisions and Offices advanced climate actions in 2025 include:

Air Quality Division

- Developed Standard Operating Procedures for monitoring and detecting leaks at marginal oil and gas wells.
- Supplemental Environmental Projects associated with enforcement actions contributed to community climate mitigation and adaptation projects.
- Continued work to inspect and identify fugitive methane leaks at landfills using handheld monitors and staff expertise to reduce methane emissions.

Materials Management Division

- Operated many grants and technical assistance opportunities related to recycling, composting, and clean energy.
- Launched the MI Home Energy Rebate (MiHER) program, part of the U.S. Department of Energy (DOE) Home Efficiency Rebates and Home Electrification and Appliance Rebates.

Geologic Resources Management Division

- Received operator's well nominations for marginal well plugging grants to support the DOE grant award, Methane Emissions Reduction Program.
- Continued mitigation of methane emissions through plugging of orphan oil and gas wells.
- Conducted engagement activities and reviewed legislation to advance climate-aligned and environmentally protective carbon-sequestration bills.

Drinking Water and Environmental Health Division

- Worked to incorporate climate considerations into curriculum at drinking water plants.

Finance Division

- Supported Michigan Justice40 programs and initiatives.

Information Management Division

- Developed the Renewables Ready Communities Award Summary Dashboard to visualize and map awarded municipalities, the eligible renewable energy projects, and intended use of their award.

Office of the Clean Water Public Advocate

- Hosted "Fix a Leak Week" in March to raise awareness about water leaks and provide resources to find and address common household leaks, which can reduce energy waste.

Office of the Environmental Justice Public Advocate

- Launched a $20 million Environmental Justice Impact Grant program with 43 grantees across the state focused on reducing environmental health challenges, increasing climate resilience in homes and buildings, improving indoor air quality in schools, increasing green spaces, and implementing community-based air quality projects.
- Led the Community Resiliency Planning Pilot in southwest Detroit/48217 to develop a strategy to Survive and Thrive in the face of climate change impacts and poor environmental conditions, designed to help community members become more resilient and develop both short-term and long-term actions to facilitate change.

Office of the Great Lakes

- Continued work underway for the EPA Clean Ports planning grant to support clean port equipment and infrastructure, climate and air quality planning, and zero emissions technology deployment.
- In partnership with the University of Michigan, drafted a maritime strategy that encompasses decarbonization.

Office of Legislative Affairs

- Supported clean energy and climate related policy analysis at EGLE.

Remediation and Redevelopment Division

- Partnered with EPA's Technical Assistance to Brownfields, RMI, and the University of Michigan to develop recommendations to design and implement a renewable energy pilot program on brownfield sites.

Water Resources Division

- Incorporated public comment into the Infrastructure Resilience Plan.
- Awarded 11 grants through the Michigan Coastal Management Program to support resilient and sustainable coastal economies.

Environmental Support Division

- Led planning and coordination for the MI Healthy Climate Conference.
- Developed a MI Green School Guide and launched the MI Climate Education Hub.
- Held the MI Student Sustainability Summit, which highlighted youth-led climate action.

Greenhouse Gas Inventory

The 2021 Michigan Greenhouse Gas Inventory was developed for the "Implementing the MI Healthy Climate Plan: Michigan's Comprehensive Climate Action Plan." The inventory used the EPA's State Inventory Tool (SIT), and other EPA data sources such as the Greenhouse Gas Reporting Program. Due to data confidentiality and modeling limitations, the EPA's SIT typically runs 2-3 years behind, which is why the 2024 report presents the 2021 inventory year.

In 2021, 181.18 million metric tons of carbon dioxide equivalent (MMTCO2e) were emitted statewide. The pie chart below illustrates the proportion of total emissions from each of Michigan's economic sectors. Overall, emissions fell 20% since the baseline year of 2005.

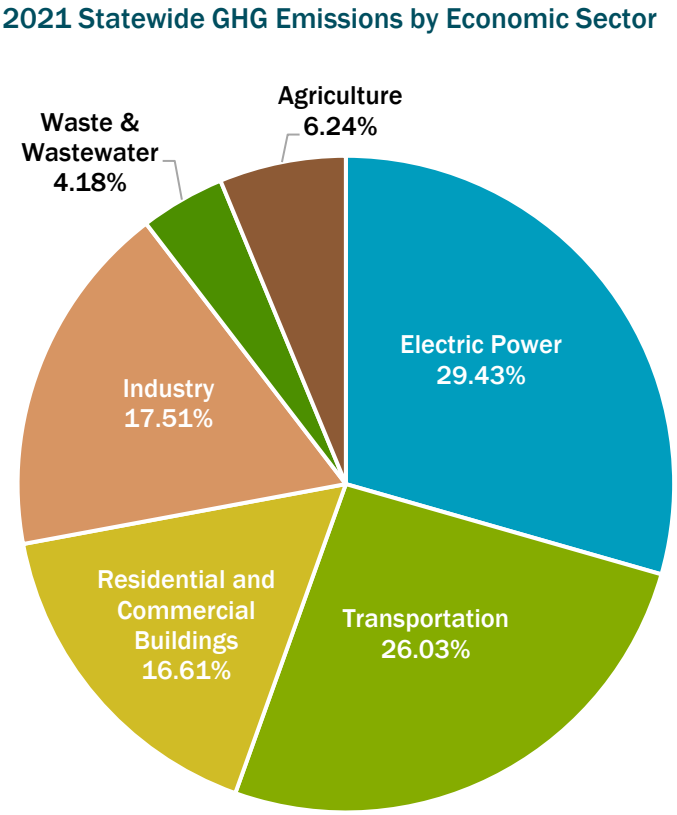


Figure 1. 2021 Statewide GHG Emissions by Economic Sector
Source: EPA SIT and EGLE analysis
Note: Totals do not include sinks from natural lands

Greenhouse Gas: atmospheric gas that absorbs radiation emitted by Earth, trapping heat and raising temperatures. The most relevant greenhouse gases to Michigan's decarbonization plan are carbon dioxide, methane, nitrous oxide, hydrofluorocarbons, chlorofluorocarbons, and sulfur hexafluoride.

Greenhouse Gas Inventory: a list of greenhouse gas emission sources and sinks and the associated emissions quantified using standard methods.

Tracking Progress by Plan Pillar

Commit to Environmental Justice and Pursue a Just Transition

Plan Goal: Ensure at least 40% of state funding for climate-related initiatives benefit low-income communities.

- Announced on May 1, 2025, the Michigan Statewide Infrastructure Workforce Plan is a framework for creating and enhancing job opportunities and training programs to meet Michigan's critical infrastructure needs. The strategic plan, developed by the Michigan Department of Labor and Economic Opportunity (LEO) in partnership with the Michigan Department of Transportation (MDOT), EGLE, and Michigan Infrastructure Office, will help facilitate the training of at least 5,000 new infrastructure workers by January 1, 2030.

- Michigan is the co-lead, alongside New Jersey, on the Clean Energy, Fuels, and Technologies Cohort as part of the State's participation in the U.S. Climate Alliance. In 2025 the cohort continued work on the Governors' Climate-Ready Workforce Initiative, initially launched in 2024, to grow career pathways in climate and clean energy fields, strengthen workforce diversity, and jointly train 1 million new registered apprentices by 2035 across the Alliance's states and territories.

- The MDHHS supports Michigan's preparedness and resilience to extreme weather events. In 2025, MICHAP led the MDHHS response to 14 extreme weather events, safeguarding communities by providing seasonal climate outlooks to partners that inform planning and response readiness, rapid communication with over 6,000 contacts in every county before and during events and monitoring real-time emergency department data to ensure response activities are addressing impacts.

Data on Pursuing a Just Transition

The 2025 Clean Jobs America Report shows Michigan continues as a leader in clean energy job creation and employment. The report analyzes 2024 data, which shows 127,771 Michiganders work in the clean energy sector, representing steady employment levels compared to 2023 (Figure 3). According to the report, 61% of total clean energy jobs in 2024 were in the energy efficiency sector, representing 78,442 Michiganders, which is a 2.5% increase from 2023 (Figure 4). The clean vehicles sector remained a significant employer with 31,771 jobs, though the sector experienced a 6.4% decline from 2023. The renewable energy sector continued its steady growth trajectory, increasing 0.6% from 2023 to create 12,479 jobs in 2024. Additionally, the grid and storage sector showed robust growth of 5.7%, adding 234 jobs to reach 4,337 total positions, highlighting Michigan's expanding role in energy infrastructure modernization. The clean fuels sector employed 742 workers, up 3.3% from the previous year.

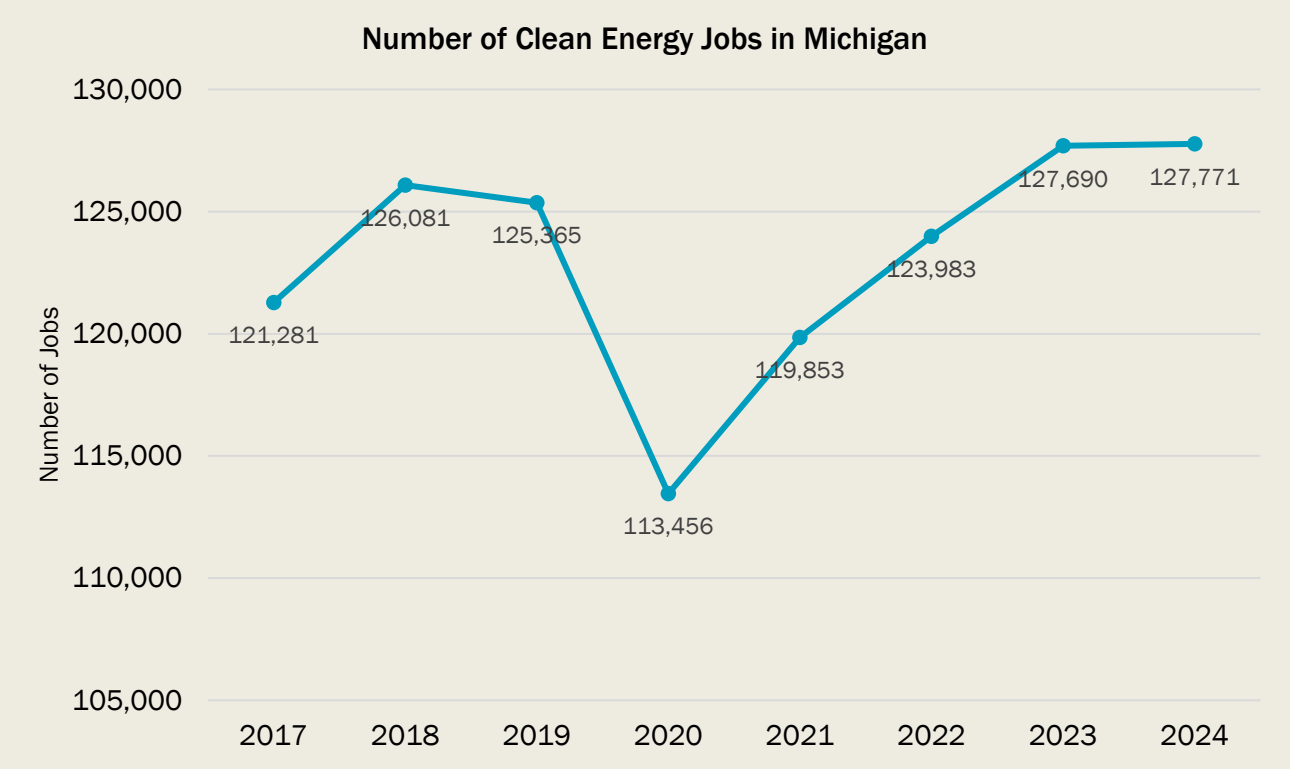


Figure 2: Number of Clean Energy Jobs in Michigan, 2024, Source: Clean Jobs Midwest Annual Report 2025

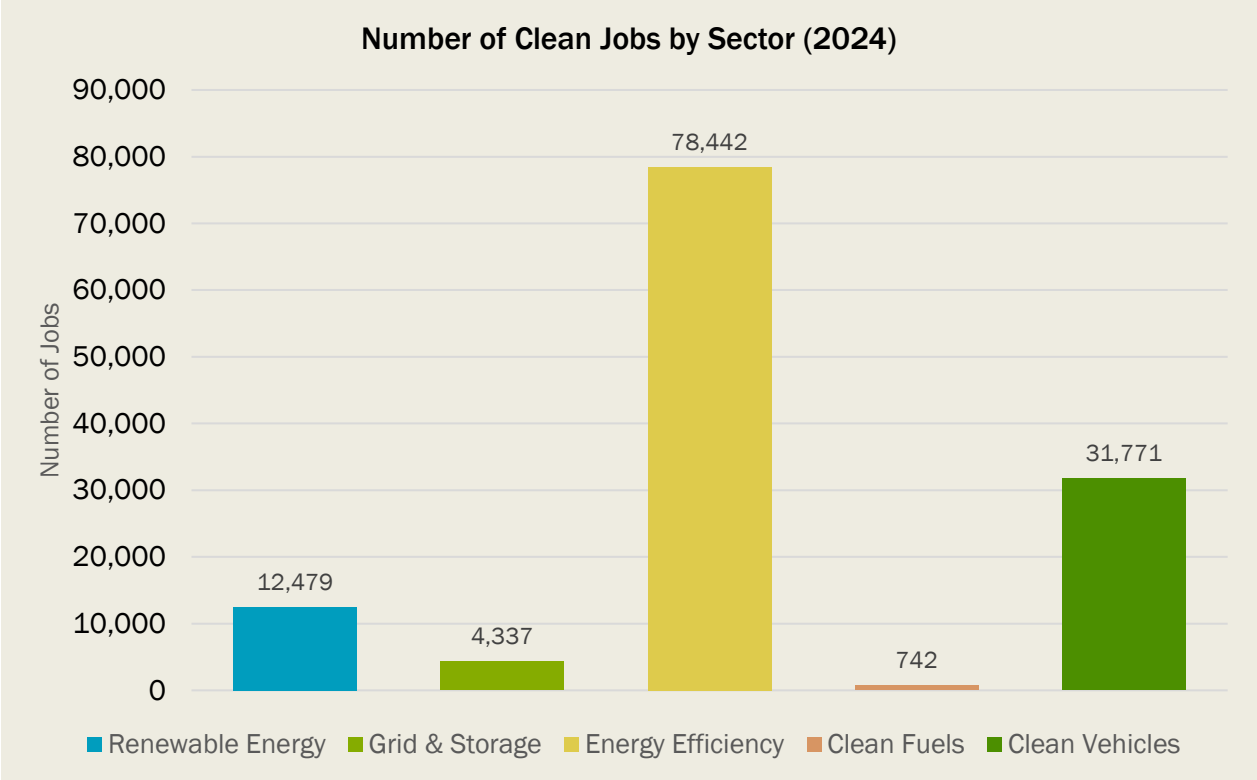


Figure 3: Clean Energy Jobs By Sector, 2024 Source: Clean Jobs Midwest Annual Report 2025

Electricity: Clean the Electric Grid

Nearly 30% of Michigan's statewide GHG emissions come from the electric power sector.

Plan Goal: By 2030, generate 60% of state's electricity from renewable resources, phase out coal-fired power plants, and achieve 2,500 MW of energy storage. Limit energy burden from powering and heating homes to not more than 6 percent of annual income for low-income households.

- The MPSC's Low-Income Energy Policy Board met 8 times in 2025, covering topics including updates to the Michigan Energy Assistance Program, the implementation of Social Determinants of Health Hubs pilots, Renewable Energy and Electrification Projects, weatherization, energy affordability, home energy security, and energy and grid equity, among others.
- The MPSC awarded nearly $5 million in grants for renewable energy and electrification projects in 2025. The 14 awardees range from units of local, state, and Tribal governments to businesses and nonprofit organizations.

Data on Cleaning the Electric Grid

The 2025 MPSC's Status of Renewable Energy, Distributed Generation, and Legacy Net Metering report shows continued growth in the state's renewable energy and distributed generation programs, with significantly more in the works. As shown in Figure 4, the report finds that electric utilities regulated by the MPSC had more than 7,500 MW of renewable capacity at the end of 2024 and more than 8,300 MW expected by the end of 2025, based on contracts approved by the MPSC. Utilities added 1,698 MW of renewable energy in 2024, an increase of 28.9% from the 5,882 MW of renewable capacity that was online at the end of 2023. That figure is expected to reach 17,800 MW by 2030 as renewable energy expands to meet the standards set in Michigan's energy laws and commitments made in utility resource plans.

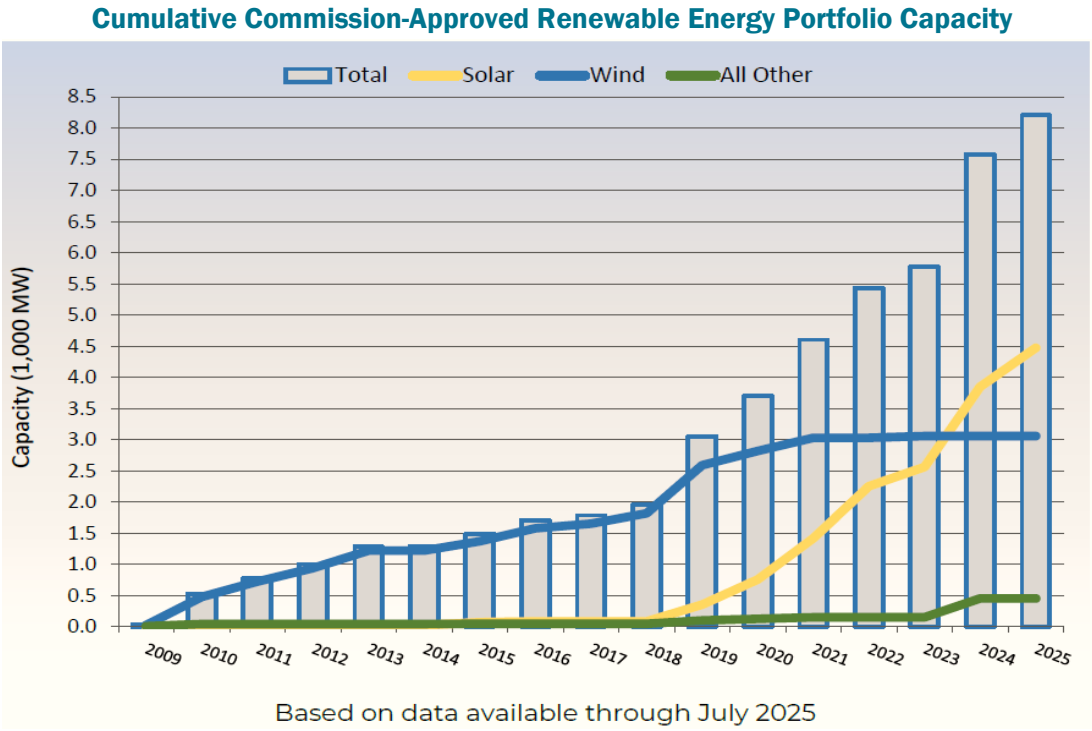


Figure 4: Current growth of renewable capacity based on contracts filed for approval with the MPSC (Source: MPSC's Status of Renewable Energy, Distributed Generation, and Legacy Net Metering in Michigan 2025)

The average energy burden, or the percentage of a household's income spent on energy costs, is 3% across Michigan. However, for Michigan households making 100% or less of the Federal Poverty Level (FPL), the average energy burden is 23% despite average annual energy costs being relatively consistent across income levels.

Figure 5 below shows the average energy burden in Michigan by FPL, along with the average annual energy costs by FPL. Although households at 400% or more of the FPL have slightly higher average annual energy costs ($2,748), their average annual energy burden is significantly lower than those at 0-100% FPL ($2,347). The data reveals a clear gradient in energy burden across income categories: households at 100-150% of FPL face a 9% energy burden, those at 150-200% of FPL experience a 7% burden, households at 200-400% of FPL see a 4% burden, and higher income households, or those above 400% of FPL, have a 2% energy burden.

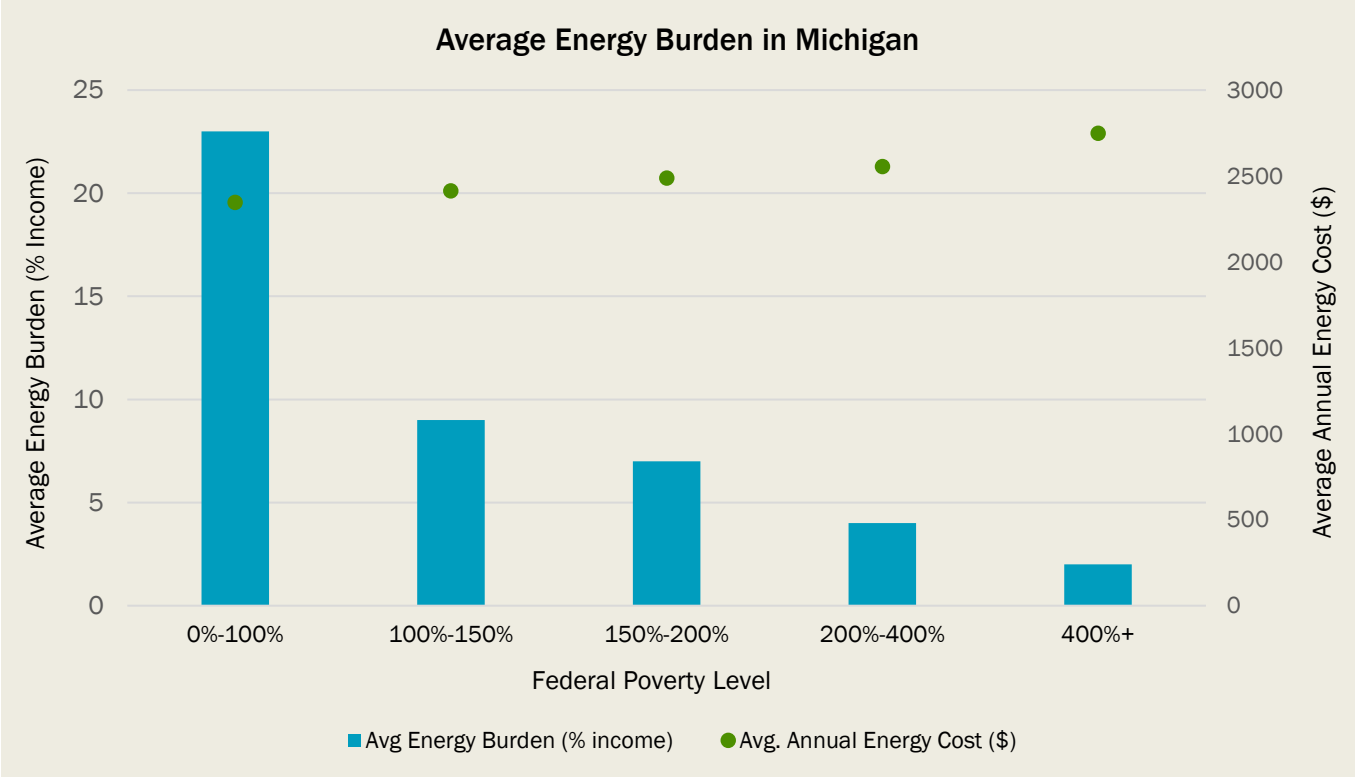


Figure 5: Average Energy Burden in Michigan, Source: DOE's Low-Income Energy Affordability Data Tool

Transportation and Mobility: Electrify Vehicles and Increase Public Transit

Currently 26% of Michigan's GHG come from transportation.

Plan Goal: Build the infrastructure to support 2 million EVs in Michigan by 2030. Increase access to clean transportation options – including public transit – by 15 percent each year.

- The MDOT continues to advance the implementation of the National Electric Vehicle Infrastructure (NEVI) Formula Program. As of the end of 2025, three NEVI stations with a total of 12 charging ports are now open for public use, six additional stations (24 ports) are nearing completion, and 21 stations are currently in the design phase. Fifty-two more stations are in various stages of contract execution. In total, 82 NEVI sites are in progress along Michigan's Alternative Fuel Corridors (AFC). The status of NEVI site installations can be tracked at Michigan NEVI Awarded Sites: Current Status.
- In September 2025, Michigan received approval from the Federal Highway Administration (FHWA) for its FY2026 Electric Vehicle Infrastructure Deployment Plan, unlocking the remaining $50 million in NEVI formula funding. In October, Michigan also received Fully Built Out Certification from FHWA, allowing the state to use NEVI funds beyond the AFCs. Michigan was the third state to achieve this certification and is now actively planning EV infrastructure deployment beyond the designated corridors.
- The OFME launched the MI Future Mobility Plan 2.0 which maps out a comprehensive strategy to address future mobility challenges by: growing the mobility workforce, providing more accessible transportation infrastructure, and developing innovative mobility policies. Developed by the OFME, the Council on Future Mobility and Electrification and other state of Michigan partners, the plan is an actionable next step to address the opportunities and challenges that Michigan faces in remaining a leader in the mobility and electrification revolution.
- The Michigan Department of Technology, Management and Budget updated the Zero Emissions Plan in 2025, as required by the Executive Directive 2023-5: Conversion of State Fleet. The 2025 update includes information on milestones reached, barriers to implementation, and project plans for 2026. One highlight of 2025 is a new solar-powered EV charger at the Secretary of State building in Escanaba.
- The LEO's Community and Worker Economic Transition Office launched the MI Auto Workforce Hub in 2024 to identify shared problems and develop stakeholder-informed, consensus-based solutions to build – and sustain – a robust and resilient workforce for Michigan's automotive sector. Rather than relying on top-down directives, the Hub enables partners to lead the way, ensuring that training, curricula, and workforce development strategies are shaped by those closest to workforce needs and opportunities. This year, the Hub's workgroups are developing resources to document expected occupational changes and skills needs for Michigan's automotive employers, address structural barriers such as transportation that impact employment, and expand partnerships for implementing relevant manufacturing programs in high schools.

- The Michigan Economic Development Corporation (MEDC) funds part of the Michigan Translational Research and Commercialization for Advanced Transportation Innovation Hub. In 2025, the Hub partnered with the University of Michigan's Electric Vehicle Center, to award $2 million to support 13 promising research projects. Selected projects aim to advance a variety of cutting-edge technologies, including solar cells, radar systems, simulation software and lithium batteries.
- In October 2025, a $125 million investment from the Michigan Department of Education's Clean Bus Energy Grant program added 87 electric school buses to school districts in Michigan. The new grants are the latest step in a clean-power transition for Michigan school transportation.
- EGLE continued to implement a number of EV charging infrastructure grant programs, including an announcement in October of $5 million in funding available under the Clean Fuel and Charging Infrastructure Program. The funding will support the deployment of non-public Level 2 alternating current EV charging stations and expand Michigan's growing EV charging network at multifamily complexes, increasing equitable access to charging solutions across the state.

Data on Electrifying Vehicles

Michigan's electric vehicle and plug-in hybrid electric vehicle (PHEV) fleet experienced remarkable growth, more than doubling from 53,386 registered EVs and PHEVs in 2023 to 120,917 as of November 2025, shown in Figure 6. This 126% increase from 2023 reflects accelerating consumer adoption, with particularly strong growth in battery EVs, which surged from 39,893 to 101,779 registrations over the two-year period. PHEVs also showed steady growth, increasing from 13,493 in 2023 to 19,138 registrations in 2025. The addition of over 41,000 EVs and PHEVs in 2025 alone marks the strongest single-year increase to date, positioning Michigan as a leader in the transition to clean transportation.

Michigan's EV charging infrastructure continues to expand rapidly as well. As of November 2025, there are 1,912 EV charging stations with 5,129 charging ports split between DC Fast Chargers (DCFC) and public Level 2 stations, as shown in Figure 7. DCFCs increased 84% nearly from 773 ports in 2024 to 1,427 ports in 2025. Public Level 2 charging ports increased 40% from 2,645 to 3,702 ports over the same period. Since 2020, Michigan's charging infrastructure has grown by over 470%, reflecting coordinated investments from state programs, federal funding through the NEVI program, and private sector expansion. The rapid deployment of DCFCs is particularly significant for enabling long-distance travel and reducing range anxiety, with the 2025 DCFC network now nearly six times larger than it was just five years ago.

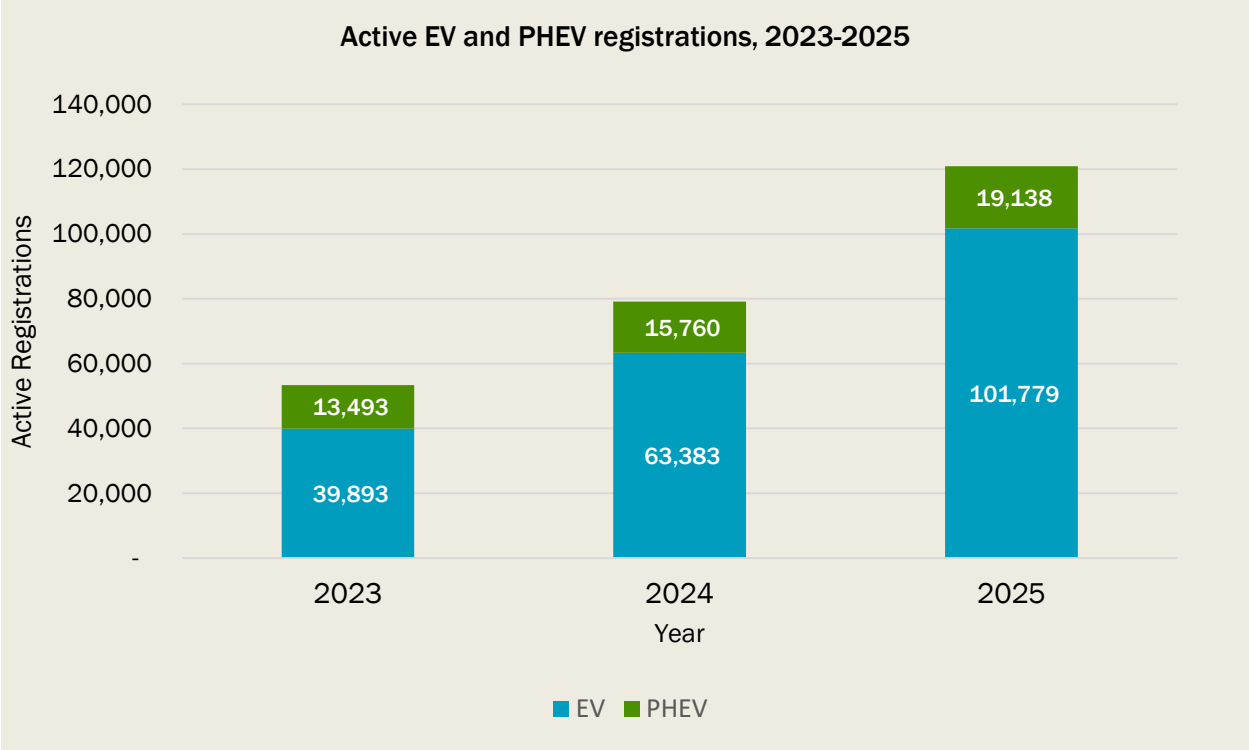


Figure 6: Number of Electric and Plug-In Hybrid Electric Vehicles on the road in Michigan

Source: Michigan Department of State

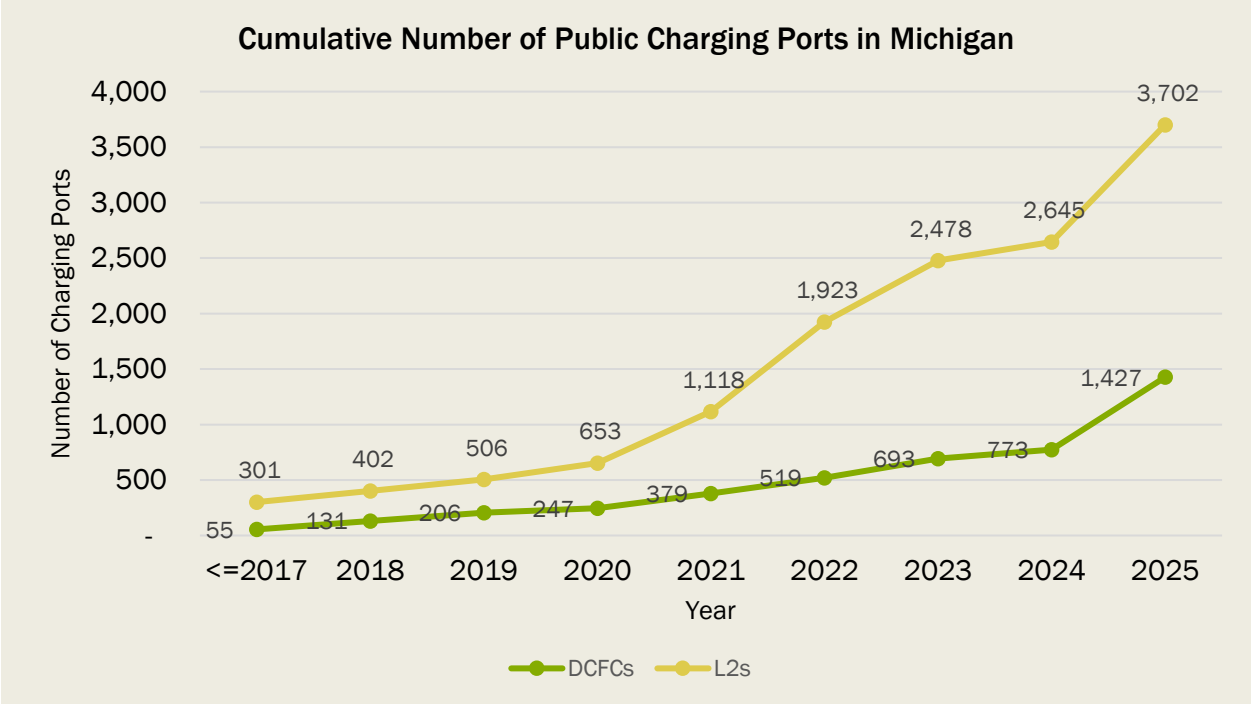


Figure 7: Cumulative Number of Public Charging Ports in Michigan

Source: Alternative Fuels Data Center and EGLE, Materials Management Division

Built Environment: Repair and Decarbonize Homes and Businesses

Currently 16.6% of Michigan GHG emissions come from the built environment.

Plan Goal: Reduce GHG emissions from buildings by 17% by 2030.

- The Michigan State Housing Development Authority (MSHDA) enacted a new, two-year Qualified Allocation Plan that includes prioritizing healthy and energy efficient projects through green building certification requirements and incentives. In 2025, MSHDA received over $30 million in tax credits (generating over $300 million in funding) in the Low Income Housing Tax Credit program. MSHDA also launched a third $60 million round of the MI Neighborhood program, which supports housing projects for rehabilitation and new unit construction. Some eligible activities for housing rehabilitation include energy efficiency upgrades, accessibility improvements, and exterior/interior rehabilitation.

- EGLE launched the MiHER program to assist Michigan residents in making their homes more energy efficient and affordable. The program aims to fund energy efficiency and electrification upgrades for approximately 15,000 Michigan homes, helping to reduce monthly utility costs, reduce energy use, and enhance indoor air quality.

- The MDHHS Weatherization Assistance Program (WAP) improves home energy efficiency for low-income households through insulation, air sealing, and heating system upgrades. From July 2024 through September 2025, the Michigan WAP weatherized 2,553 homes. Additionally, supplemental funding and Weatherization Readiness funds that support deferral reduction efforts have allowed the program to weatherize the 40% of homes that previously would have been deferred. With continued support of the WAP and supplemental funding, the program, when fully expanded would lead to 3,000-4,000 homes being weatherized annually.

Data on Repairing and Decarbonizing Homes and Businesses

The MPSC's latest Annual Report on the Implementation of PA 295 2024 Utility Energy Waste Reduction Programs shows Michigan as a national leader in energy waste reduction (EWR) efforts. Michigan's EWR programs for residential customers include upgrades to lighting, heating, ventilation and cooling, weatherization, energy education, appliance recycling, and other ways to use energy more efficiently and save money on utility bills. According to the MPSC report, EWR programs resulted in savings of 1.73 million megawatt hours (MWh) of electricity and 6.44 million thousand cubic feet of natural gas last year. It is estimated that investments made in 2024 will save Michiganders about $1.4 billion.

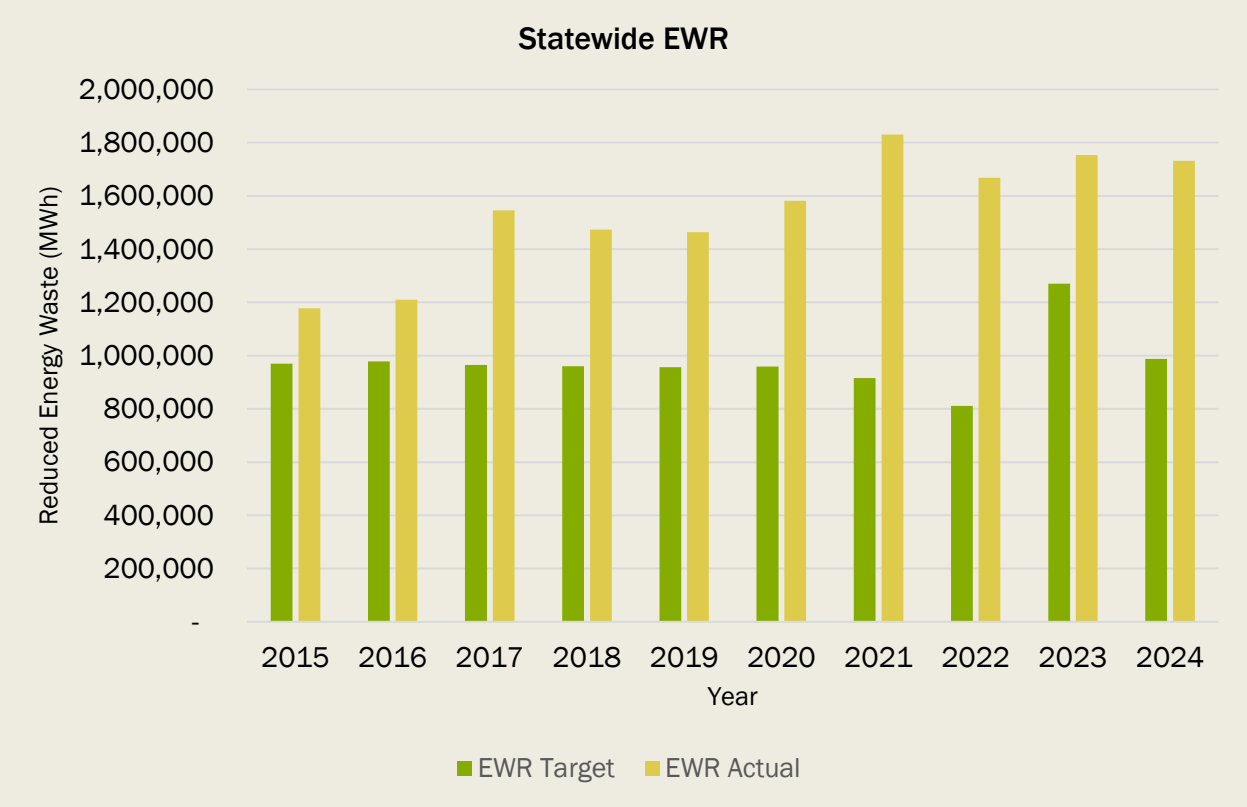


Figure 8: Statewide Electricity Waste Reduction

Source: MPSC Annual Report on the Implementation of PA 295: 2024 Utility Energy Waste Reduction Programs

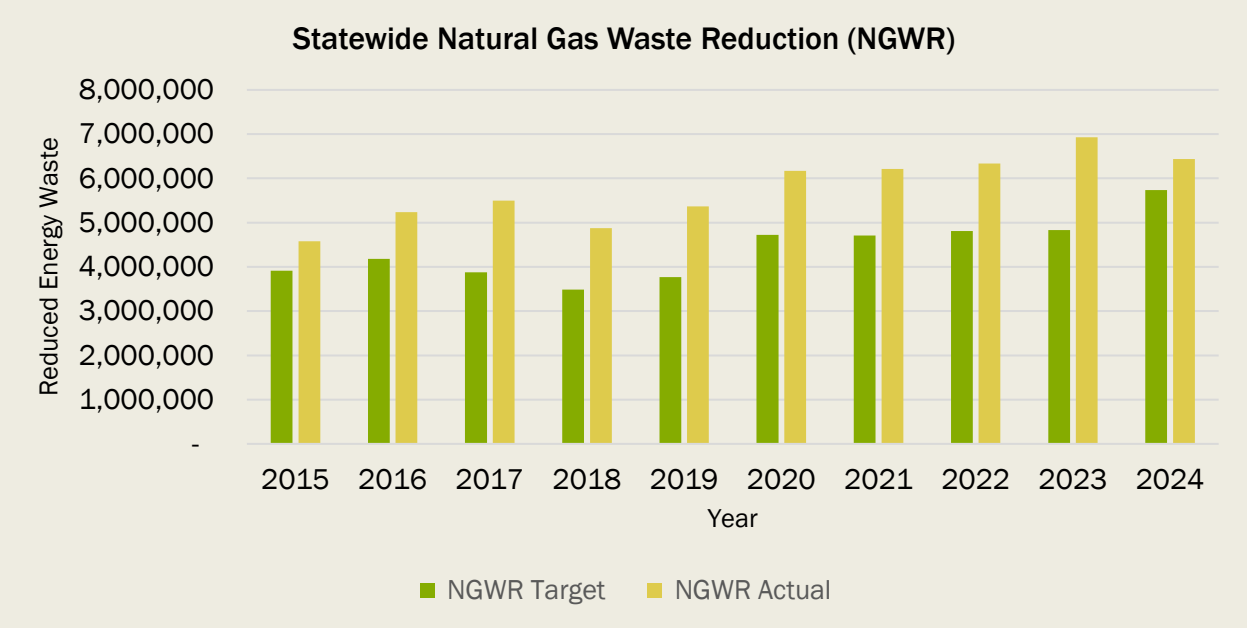


Figure 9: Statewide Natural Gas Waste Reduction

Source: MPSC Annual Report on the Implementation of PA 295: 2024 Utility Energy Waste Reduction Programs

Michigan committed to reducing emissions from heating homes and businesses by 17% by 2030. As shown in Figure 10, by 2021 commercial and residential building sector emissions have already declined 14% from baseline levels in 2005, demonstrating substantial progress. With continued investment, Michigan is well-positioned to achieve its 2030 building emissions reduction goal while simultaneously reducing energy burden for the state's most vulnerable households.

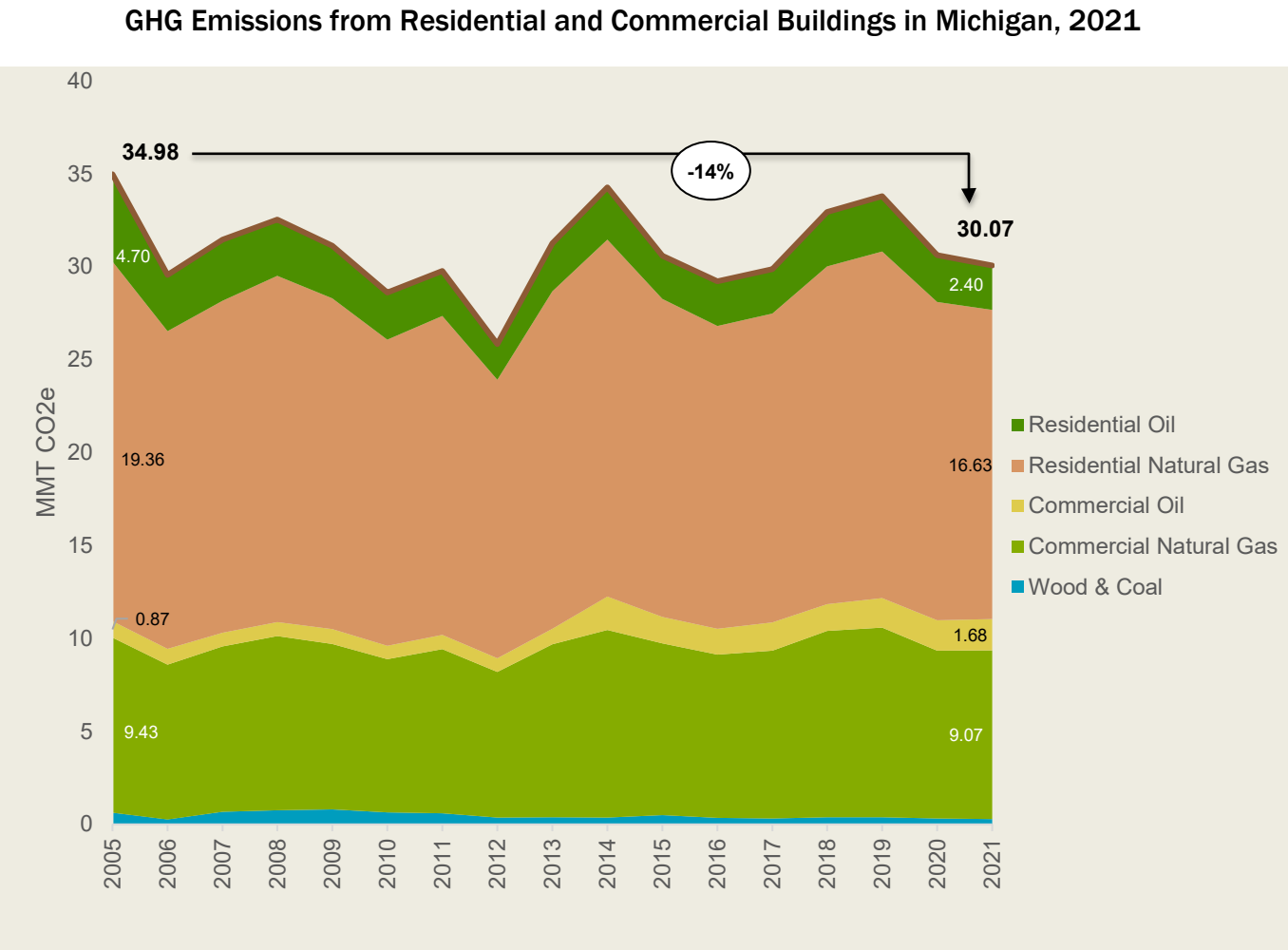


Figure 10: MMTCO_2e emitted by Building Classification, Fuel Type, and Year; from the Michigan Statewide 2021 GHG inventory

Industry: Drive Clean Innovation in Industry

Currently 17.5% of Michigan's GHG emissions come from industry and 4% come from waste and wastewater.

Plan Goal: Encourage clean innovation hubs, increase recycling rate to 45%, and halve food waste by 2030.

- Michigan's recycling rate increased for the fourth consecutive year, reaching just over 25%. In February 2025, $5.6 million in Circular Economy Grants were awarded to advance recycling and develop Michigan's circular supply chain involving waste material streams through material reuse, repair, remanufacturing, recycling, organics recovery, composting, and increasing markets for recovered materials.

- In May, NextCycle Michigan launched a new round of programming, bringing together public, private, and nonprofit entities to advance the state's circular economy. In 2025, the initiative featured 4 cohorts, supporting 33 project teams focused on innovative solutions in organic materials management and recycling technologies.

- NextCycle Michigan includes accelerator tracks to increase recycling access and services to build a resilient and circular economy in Michigan. Tracks focus on various types of projects including: organic materials solutions, recycling technology innovations, public entity led solutions, supply chain solutions, and sustainable packaging.

- To accelerate impact, EGLE and NextCycle Michigan awarded $38,000 in Showcase Awards across two public events and distributed $165,000 in Harvest Grants to help promising projects scale. In addition, $5.3 million in Circular Economy Grant awards were announced to further strengthen Michigan's materials management infrastructure. EGLE continues to support food waste reduction through food rescue, composting, and other strategies—leveraging grants, technical assistance, and the Materials Management Planning process.

- The 2025 PitchMI startup competition, co-hosted by the Michigan State University Research Foundation and the MEDC, selected four winners, including Electric Outdoors, Inc., which builds portable canopy systems supplying off-grid power. This year, the competition drew 375 applications from startups based in 108 Michigan cities, with strong representation across all four regional sectors—healthcare and life sciences, CleanTech and outdoor innovation, mobility and advanced manufacturing, and AI and software.

- In September, LEO's Economic Transition Office announced the Michigan Supplier Conversion Grant Program, which has allocated $31.8 million through federal funding and state support to help small- and medium-sized automotive manufacturers retool their facilities and retrain their workforce to enter electric vehicle supply chains. In June, the Office also launched the MI Hub for Manufacturers: a digital platform offering targeted support and resource navigation to help local businesses grow, access funding, and stay competitive.

Natural and Working Lands: Protect Michigan's Land and Water

Currently 6% of Michigan's GHG emissions come from the agriculture sector. However, Michigan's forests and natural lands serve as a substantial carbon sink, sequestering approximately 12.4 million metric tons of CO2 equivalent annually (2021), offsetting nearly all agricultural emissions and demonstrating the critical role of land conservation in Michigan's climate strategy.

Plan Goal: Protect 30% of Michigan's land and water by 2030.

- The MDARD's Regenerative Agriculture Program released a strategic plan that emphasizes a regenerative approach to agriculture, resulting in greater farmer prosperity, improved farm ecosystems, increased community health, and support for food systems in the Great Lakes region. The program supports practices like soil cover maintenance, crop diversity, and livestock integration to mitigate climate impacts and build soil health.

- In November, the MDARD also awarded over $3.1 million to 34 Michigan entities through the U.S. Department of Agriculture's Resilient Food System Infrastructure Program. The 34 awards invest in Michigan food hubs, farm stops, fruit and vegetable farmers, regenerative agriculture practitioners, fish hatcheries, food processors, and more. In January, the MDARD's Farm to Family Program awarded $730,000 to Michigan food hubs and farm stops. Governor Whitmer has championed the Farm to Family Program, which continues to receive bipartisan support to invest in regional food systems to ensure producers and growers can feed their communities while improving Michiganders' access to healthy, locally grown food.

- The Department of Natural Resources (DNR) and the Nature Conservancy (TNC) are leading Michigan the Beautiful, the state's effort to conserve, restore, and connect 30% of Michigan's land and waters by 2030 to naturally capture GHG emissions, maintain and improve access to recreational opportunities for all Michiganders, and protect biodiversity. Throughout 2025, the DNR and TNC drafted the Michigan the Beautiful Pathways report and Michigan Conservation Assessment.

- The state released an update to the Domestic Action Plan (DAP) for combatting harmful algal blooms in western Lake Erie in May. The DNR, MDARD, and EGLE review and revise the DAP every five years based on progress and changing needs. The DAP includes measures to reduce phosphorus runoff into Western Lake Erie Basin that drives algal blooms, including actions such as supporting regenerative agriculture, enhanced water quality monitoring, and wetland restoration, enhancement, and protection.

- In June, The DNR's Urban and Community Forestry Program announced $1 million in grants to help 15 Michigan communities improve their tree canopies. The grants will collectively plant and care for more than 1,700 trees, train 500 city staff, students, and residents through 33 workshops and events, and create inventories and develop plans to sustainably manage more than 32,000 public trees benefiting more than 285,000 Michigan residents. These grants are one of several initiatives at the DNR to support community tree canopies.

- In November, the MDARD awarded more than $1.3 million toward forestry assistance to support an additional 18 conservation districts maintain foresters as part of the Forestry Assistance Program.

- The DNR officially opened the doors of its new Newberry Customer Service Center, a 10,000-square-foot facility built with Michigan-sourced mass timber. Mass timber is a term for engineered wood products, which offer an alternative to traditional steel and concrete. Designed to reflect the DNR's commitment to sustainability and innovation, the building brings nature indoors with expansive windows and exposed wood beams.

- In October, the DNR, MassTimber@MSU, the Michigan Green Building Collaborative, and WoodWorks launched the Michigan Mass Timber Catalyst Program, a forward-thinking initiative aimed at accelerating the use of mass timber in construction across the state. The program provides financial incentives, technical assistance, and peer-learning opportunities to encourage developers to adopt mass timber in their design and construction.

- In 2025, MDHHS' MICHAP partnered with Great Lakes Integrated Sciences Assessments (GLISA) to integrate health into FloodWise, GLISA's stormwater vulnerability assessment program. Throughout the year, MICHAP and GLISA supported the implementation of the FloodWise process in Sterling Heights, Kalamazoo, Troy, and Plymouth. The goal is to increase the consideration of public health issues by using a Health-in-All Policies approach to assessing flood vulnerability and stormwater infrastructure adaptation planning.

Conclusion

The MI Healthy Climate Plan lays out a pathway for Michigan to reach carbon neutrality by 2050 to avert the worst impacts of the climate crisis, create good-paying jobs, and build a healthier and more prosperous, equitable, and sustainable state for all Michiganders. Michigan is committed to the implementation of the Plan, working towards the 2030 goal of reducing GHG emissions by 52% from a 2005 baseline in an equitable manner. EGLE, through the OCE, continues to coordinate its implementation in concert with state departments and agencies, Tribal and local governments, industrial partners, and other key entities. The Council on Climate Solutions and Michigan Advisory Council on Environmental Justice will continue to provide advice, feedback, and guidance along the way. Together, we will continue to build a more equitable, just, healthy, and prosperous future and ensure that the benefits of this energy transition are enjoyed by all Michiganders.