

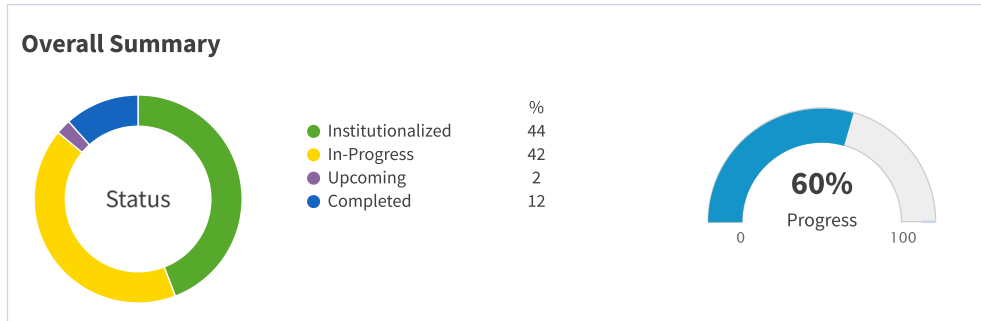


2025 Annual Report



Report Created On: Apr 08, 2026

3 Goal	9 Category	43 Action
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Executive Summary

Background

The Mayor and Council adopted Rockville's first Climate Action Plan (CAP) on January 10, 2022 with goals to reduce greenhouse gas emissions, build resiliency, and incorporate equity in public engagement and oversight. The CAP sets a goal to reduce greenhouse gas emissions by at least 50 percent (from 2005) by 2030 and approach carbon neutrality by 2050. Since plan adoption, the Maryland General Assembly established a more ambitious goal to reduce greenhouse gas emissions by 60 percent (from 2006) by 2031 and net zero by 2045. Montgomery County's goal is even more ambitious -- 80% reduction below 2005 levels by 2027 and carbon neutral by 2035.

Rockville's CAP comprises 42 current actions and 8 actions for future monitoring in categories involving energy efficiency, renewable energy, transportation, land use management, materials and waste management, resiliency, and public engagement and oversight. The annual report fulfills CAP Action C-26: track and report progress to foster public transparency and accountability. Action status categories include:

- **Completed:** Action is completed, no additional action required.
- **Institutionalized:** Action is an institutionalized program with annual implementation throughout the CAP 2030 reporting period.
- **In-Progress:** Action is initiated and expected to be completed/institutionalized by the CAP 2030 reporting period.
- **Upcoming:** Action is planned for upcoming implementation.
- **Disruption:** Action has disruption that is preventing progress or causing a delay.

The following highlights 2025 accomplishments and status within each category. The remainder of the report provides detailed action-level summaries of progress, issues, next steps, equity considerations, grants, and performance metrics, when available. To learn more about the plan and what you can do to address climate change, visit www.rockvillemd.gov/climate.

2025 Highlights

Since the plan was adopted, sustained investment of resources by the city has worked to improve energy efficiency, clean energy, improved resiliency, and equitable outcomes. FY 2023 through FY 2026 operating and capital budget appropriations have averaged more than \$4 million annually to continue to support climate projects and initiatives. This fiscal year, thus far the city has been awarded more than \$500,000 in grants and rebates to support CAP initiatives (not including transportation initiatives tracked separately in Vision Zero).

The city's fiscally responsible approach to execute the plan involves evaluating technology and market conditions, leveraging partnerships, and pursuing grants and innovative funding strategies to serve more residents with expanded programs and advance the following climate initiatives.

Greenhouse Gas Emissions Inventory

- **Community Emissions:** Between 2005 and 2023, Rockville reduced community greenhouse gas emissions by 34 percent, despite increasing population, building square footage, and jobs. Rockville outpaced the Metropolitan Washington region in reductions, which achieved a 20 percent reduction over the same period. Both building and vehicle carbon footprints decreased.
- **Municipal Emissions:** Greenhouse gas emissions from Rockville municipal operations represent approximately 1.1 percent of total community emissions, with the majority of municipal emissions (0.87%) generated from electricity and natural gas consumption and the remainder (0.23%) from fleet fuel consumption. Emissions associated with electricity and natural gas used by Rockville-owned and operated buildings, parks, streetlights, traffic lights, and utilities decreased by 13% between 2022 and 2025 and remained relatively flat between 2024 and 2025 despite increased square footage associated with the opening of the city's newest facility, Taft Center, and increasing in-person events recovering from the COVID-19 pandemic. (M-01)

Energy Efficiency

- Approximately 245 commercial and multifamily buildings in Rockville are required to report building energy benchmarking data annually to Montgomery County and are working towards meeting Building Energy Performance Standards (BEPS). In 2025, the Montgomery County Green Bank facilitated financing for 2 commercial solar loans, 70 subsidies to assist commercial buildings with Building Energy Performance Station (BEPS) compliance, two energy audit subsidies, and two commercial resiliency loans. (C-01)
- 2025 was the first full year that recent energy conservation building code updates with advanced requirements took effect. The codes support EV charging, energy efficiency, grid interactivity, electrification, renewable energy and energy storage in new construction. Updated, above-and-beyond green building code standards with local amendments to the International Green Construction Code (IgCC) were drafted in 2025 and adopted early 2026. (C-03)
- Approximately 2,223 homes participated in Pepco's residential energy efficiency programs, about 400 more homes than last year. (C-05)
- Ten Rockville homes utilized Montgomery County's home electrification incentive program, Electrify MC, to convert 17 appliances to electric from fossil fuels (e.g., cooking, hot water, heating, and cooling, etc.). (C-06)
- Rockville Housing Enterprises coordinated with Habitat for Humanity to provide energy efficient electric appliance upgrades for 8 of their detached homes. (C-02)
- In partnership with the Maryland Energy Administration (MEA) and Pepco, the city completed 1,022 Light Emitting Diode (LED) retrofits at Thomas Farm Community Center, Croydon Creek Nature Center, F. Scott Fitzgerald Theater, and Rothgeb Maintenance Facility leveraging \$186,554 in outside funding. (M-01)
- Rockville converted 650 city-owned streetlights to energy efficient LED with funding from the MEA and Pepco. (M-02)

Renewable Energy

- The Environment Commission dedicated more than 36 hours over 9 events to promote the Capital Area Solar Switch Together (formerly the solar co-op), resulting in 620 registrations from Rockville addresses. (C-09)
- The solar plan review and permitting processes were streamlined with the launch of the Solar APP+ automated permitting system. The city issued 150 solar system permits, bringing the cumulative total to 1,312. (C-09)
- The city issued a request for proposal for the design and installation of a rooftop solar installation on Lincoln Park Community Center gym, funded by the Department of Energy's Energy Efficiency Conservation Block Grant of approximately \$109,900. Contract award is anticipated in early 2026 with installation by early summer 2026 (M-04)

Transportation

- Rockville's first Electric Vehicle Readiness Plan was adopted March 24, 2025, with 26 actions to support electric vehicles and charging through fleet conversion, code updates, outreach, grants, and partnerships. (C-11)
- The number of electric vehicles and plug-in hybrid electric vehicles owned in Rockville zip codes quadrupled in 4 years to 7,266 and the number of EV charging ports available to the public increased from 264 to 326. (C-11)
- Rockville's updated building codes required 2% EVSE-installed in most commercial property parking lots and 10% EVSE-installed in multi-unit properties. (C-12)
- The city's fleet added 5 more EVs from the previous year. The fleet includes 25 battery electric vehicles (BEV), 2 plug-in hybrid electric vehicles (PHEV), and 3 hybrid vehicles. (M-06)
- The Electric Vehicle Charging Infrastructure CIP (GA23) installed 6 additional fleet charging ports at City Hall and one at the Police Station, bringing the total number to 12 installed and 1 portable. (M-07)
- The City supported safer non-motorized travel by constructing new traffic calming devices and crosswalks and installing 2,900 linear feet in 5 new sidewalk segments. (C-14)

Land Management

- Weed Warriors engaged 610 volunteers to remove 101 bags of non-native invasive plants from city parks. (C-17)
- The city achieved Community Wildlife Habitat Recertification through the National Wildlife Foundation that included 9 homes newly certified as Wildlife Habitats. The city earned 83 recertification points, nearly triple the 30 points required. (C-17, C-24)
- The RainScapes Program issued \$44,500 in rebates to support 29 tree canopy, rain barrel, conservation landscaping, and permeable pavement projects at 24 properties. (C-17, C-24)
- The city distributed 400 native trees at the annual Fall Tree Giveaway, gave away 100 wildflower seeds at community events, and sold 915 native plants at the annual native plant sale at Croydon Creek Nature Center. (C-17, C-24)
- Three grants were awarded through the city's partnership with the Chesapeake Bay Trust: Interfaith Partners for the Chesapeake (\$30,073) to expand their engagement of faith-based communities promoting sustainable practices; Izaak Walton League of America (\$26,985) to continue Salt Watch citizen science program; University of Maryland Environmental Finance Center (\$42,101) to support HOAs and civic associations to develop sustainability action plans. (C-17)
- The city purchased all new electric landscaping equipment, chargers, and an electric landscape trailer, and ensured contracts comply with Montgomery County legislation which banned the use of gas-powered leaf blowers as of July 1, 2025. (FM -03)
- Planted 859 trees and shrubs in the northern section of RedGate Park and Arboretum. Planted 298 trees along Rockville streets and 120 trees in other parks. (C-17, C-24)

Materials and Waste

- A fourth food scraps compost drop-off station opened at Potomac Woods Park. The stations collected a total of 242 tons of food scraps, more than double the previous year. (C-18)
- Sustained a household waste landfill diversion rate of 43 percent due to single stream recycling, yard waste and leaf collection composting, food scrap composting, electronics recycling, and bulk metal recycling. (C-19)

Resiliency

- The consultant completed data collection and field surveys for the Flood Resiliency Master Plan (FRMP) and began developing a flooding model to depict both existing and projected flooding conditions in Rockville. The first phase of outreach was completed featuring an interactive flooding map and survey, tabling at community events, 2,212 direct mailings to properties with increased flood risk, two open house events engaging 43 people, and social media posts. (M-13)
- The Flood Resiliency Master Plan is partially funded by a \$75,000 grant from Maryland Department of Natural Resources, \$179,000 in technical support from Army Corps of Engineers (50 percent cost-share) and \$700,000 for Flood Mitigation Assistance Grant from Maryland Department of Emergency Management/FEMA. (M-13)
- Continued to partner with the Montgomery County Green Bank (MCGB) and the Chesapeake Bay Trust to leverage additional funding for the Flood Mitigation Assistance Program (FMAP) and remove the barrier of upfront investment for low- and moderate-income property owners in 2025. The program provides up to 50 percent of the costs of projects up to \$5,000 per property and reimbursed \$24,763 for 14 flood mitigation projects at 10 properties. (C-20)
- Rockville completed a draft of the Emergency Operations Plan (EOP), a multidisciplinary, all-hazards plan that establishes a comprehensive framework for the management of major emergencies and disasters within the city. (M-11)

Public Engagement and Oversight

- In FY 2025 and to date in FY2026, the city was awarded more than \$1.9 million in grants and rebates to support LED streetlight conversions, solar development, electric vehicle charging infrastructure, tree planting at RedGate, electric senior center buses, facility energy upgrades, and flood resiliency master planning. (M-15)
- Published 11 issues of the Environment & Sustainability newsletter, which rose to 3,404 subscribers. Newsletters included flood resiliency planning, rebate opportunities, native habitat and gardening tips, flooding resources, events and general pollution prevention. (C-25)
- Launched a new email newsletter for Rockville commercial property managers. Published 4 issues of the Sustainability Scoop newsletter, with 188 total subscribers, featuring environmental regulation reminders, training opportunities, and environmental news for property managers. (C-25)
- Hosted 4 virtual Climate Solution education sessions attended by 89 participants and participated in 16 in-person outreach events. (C-25)

Definitions and Acronyms

Carbon Dioxide Equivalent: A unit of measure used to compare the emissions from various greenhouse gases based upon their global warming potential. Carbon dioxide equivalents are commonly expressed as "million metric tons of carbon dioxide equivalents (MMTCO₂Eq)." The carbon dioxide equivalent for a gas is derived by multiplying the tons of the gas by the associated global warming potential.

Climate: The "average weather," or the statistical representation of weather patterns over decades to thousands of years described by variables such as temperature, precipitation, and wind.

Climate Change: Climate change refers to any significant change in the measures of climate lasting for an extended period. Climate change includes major changes in temperature regimes, precipitation intensity, or wind patterns, among others, that occur over several decades or longer.

Electric Vehicle (EV): A vehicle that gets all its power from batteries and electric motors. It contains no internal combustion engine (ICE). The electric motor uses batteries that are recharged by plugging in to an electric power source (a wall socket or EV charger).

Electrification: Converting appliances, HVAC equipment, vehicles, or landscaping equipment that run on fossil fuels to electricity-powered or rechargeable battery-powered versions. Due to Maryland's relatively clean energy grid, electric equipment produces fewer greenhouse gas emissions and allow for renewable energy substitution. Sometimes referred to as "decarbonization."

Energy Use Intensity (EUI): The measurement of the energy used per square foot per year. It is calculated by dividing the total energy consumed by the building in one year (measured in thousand Btu, kBtu) by the floor area of the building.

Equity: Meeting people and communities where they are and allocating resources and opportunities as needed to create equitable outcomes for all community members.

Fossil Fuels: A general term for fuels derived from organic materials formed from decayed plants and animals such as coal, methane (natural gas), gasoline, diesel, heating oil, or propane.

Greenhouse Gas Emissions (GHG): The atmospheric gases emitted by human activity (burning or leaking fossil fuels, land use change, and certain chemicals) responsible for causing the majority of recent observed climate change. The main human-caused GHGs are carbon dioxide (CO₂), methane (CH₄) and nitrous oxide (N₂O). Less prevalent -- but powerful -- are hydrofluorocarbons

(HFCs), perfluorocarbons (PFCs) and sulfur hexafluoride (SF6). Greenhouse gas emissions are sometimes referred to as “carbon emissions” since carbon dioxide is the most prevalent.

Heat Island: The tendency for higher air temperatures to persist in urban areas because of heat absorbed and emitted by buildings and asphalt, tending to make cities warmer than the surrounding rural areas.

LED: Light-emitting diode. LEDs are a type of highly energy efficient light bulb that use about 50% less energy than fluorescent bulbs and 1/6th as much energy as incandescent bulbs.

Mitigation: In the context of climate change, a human intervention to reduce the sources or enhance the sinks of greenhouse gases. Examples include energy efficiency for industrial processes or electricity generation, switching to solar energy or wind power, improving the insulation of buildings, reducing leaks and switching to low GWP chemicals, and expanding forests and other "sinks" to remove greater amounts of carbon dioxide from the atmosphere.

Plug-In Hybrid Electric Vehicle (PHEV) or Plug-In Hybrid: Uses an electric motor and gas engine to operate. Its electric motor uses batteries that are recharged by plugging in to an electric power source (a wall socket or EV charger). The gas-powered motor can work together with the electric motor, or separately on its own, to power the powertrain.

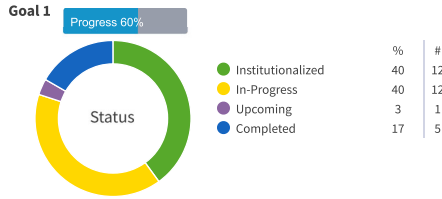
Resilience: Capability to anticipate, prepare for, respond to, and recover from significant multi-hazard threats with minimum damage to social well-being, the economy, and the environment.

Historically Excluded Community: A community that is not represented in City or local leadership proportionately to its demographic percentage of the total City population.

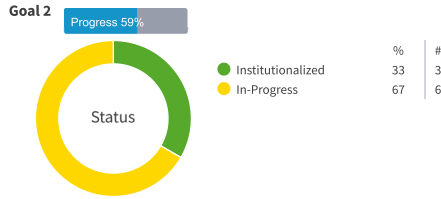
Vulnerability: The degree to which a system is susceptible to, or unable to cope with, adverse effects of climate change, including climate variability and extremes. Vulnerability is a function of the character, magnitude, and rate of climate variation to which a system is exposed, its sensitivity, and its adaptive capacity.

Weather: Atmospheric condition at any given time or place (wind, temperature, humidity, atmospheric pressure, cloudiness, and precipitation). In most places, weather can change from hour-to-hour, day-to-day, and season-to-season.

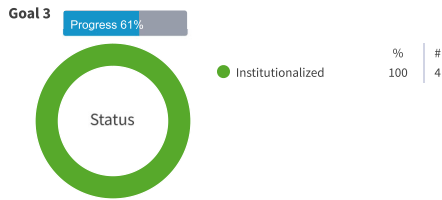
Plan Summary



REDUCE GREENHOUSE (GHG) EMISSIONS Reduce GHG emissions from the community and municipal government operations to at least 50 percent below 2005 levels by 2030 to be on track to reach net zero by or before 2050.



RESILIENCY Improve the capacity of our community, homes, businesses, and natural environment to prevent, withstand, respond to, and recover from climate change impacts such as rising temperatures, more frequent and intense heat waves, heavy rainfall, and severe storms.



PUBLIC ENGAGEMENT AND OVERSIGHT Incorporate equity in implementation and conduct inclusive engagement to reduce environmental disparities and protect and empower vulnerable communities.

REDUCE GREENHOUSE (GHG) EMISSIONS

Reduce GHG emissions from the community and municipal government operations to at least 50 percent below 2005 levels by 2030 to be on track to reach net zero by or before 2050.

Category: 5 Action: 30

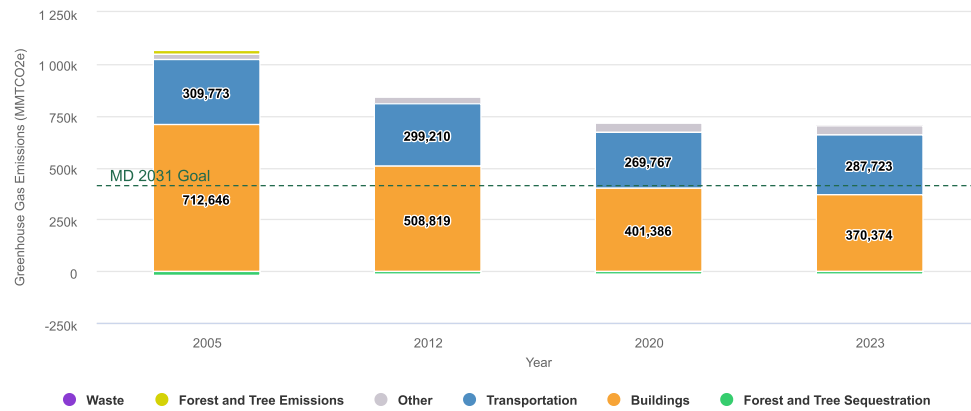
	%	#
Institutionalized	40	12
In-Progress	40	12
Upcoming	3	1
Completed	17	5

Progress Highlights: Although this is Rockville's first official Climate Action Plan, many projects, programs, and policies have been implemented over the past fifteen years to reduce greenhouse gas emissions from community and municipal operations. Since the plan's adoption, the Maryland General Assembly has established a more ambitious goal to reduce greenhouse gas emissions by 60 percent from 2006 levels by 2031, and to achieve net zero by 2045.

- Community Greenhouse Gas (GHG) Emissions:** The Metropolitan Washington Council of Governments (MWCOG) compiles regional data and generates greenhouse gas emissions inventories for 24 local governments. Due to the extensive data and resources required to create these inventories, MWCOG releases them approximately every three years. The most recent inventories, covering 2023 emissions, were released in 2025.
 - Between 2005 and 2023, Rockville reduced its net greenhouse gas emissions by 34 percent—outpacing the overall Metropolitan Washington region, which achieved a 20 percent reduction over the same period. The largest contributors to emissions remain energy use in buildings and transportation.
 - In 2023, Rockville's per capita emissions averaged 10.1 metric tons of carbon dioxide equivalent (MTCO₂e) per person, slightly below the regional average of 10.5 MTCO₂e per person.
- Municipal Building Greenhouse Gas (GHG) Emissions:** Emissions associated with electricity and natural gas used by Rockville-owned and operated buildings, parks, streetlights, traffic lights, and utilities increased by 3% between 2024 and 2025, although emissions decreased by 13% between 2022 and 2025. The slight increase in annual emissions reflects post-pandemic growth in operations and renovations and occupancy of the northern wing of the city's newest facility Taft Center, a three-story office building of approximately 55,350 square feet. Estimates do not include fleet emissions (tracked separately in M-06).

(G-01) Rockville Community Greenhouse Gas Emissions Trends

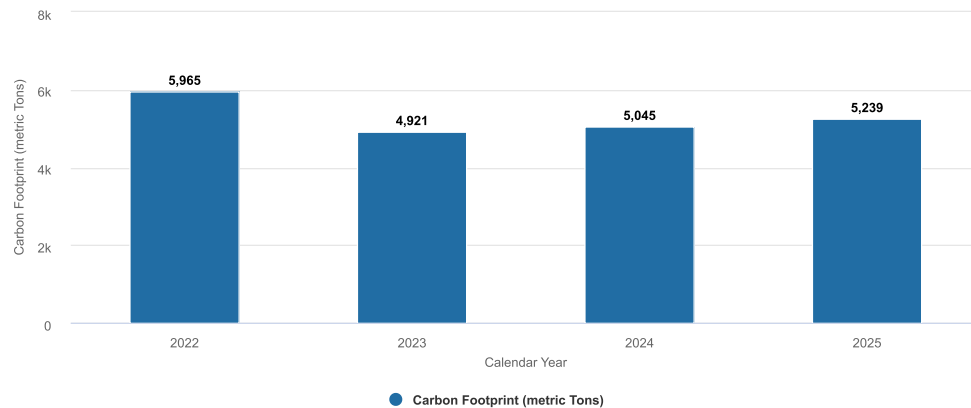
(G-01) Rockville Community Greenhouse Gas Emissions Trends



Estimates from the Metropolitan Washington Council of Governments (MWCOG). Other: Hydrofluorocarbons (89%) and Methane (11%) Fugitive Emissions

(G-01) Rockville Municipal Greenhouse Gas Emissions Trends

Action (G-01): Municipal Building and Property Greenhouse Gas Emissions



Includes emissions from electricity and natural gas accounts for Rockville-owned and operated facilities, parks, streetlights, traffic lights and utilities. Does not include Fleet.

Energy Efficiency

Increase energy conservation and efficiency and reduce fossil fuel use in all existing and new buildings and infrastructure.

Action: 9

	%	#
Institutionalized	22	2
In-Progress	56	5
Completed	22	2

Community - 01

Advocate for Montgomery County to adopt a Building Energy Performance Standard (BEPS) for existing commercial and multifamily buildings.

Progress Highlights: Maryland and Montgomery County have adopted Building Energy Performance Standards (BEPS) regulations that require certain building owners to submit annual energy benchmarking reports and make building improvements over time to meet established performance standards.

- Maryland's Building Energy Performance Standards (BEPS), codified at COMAR 26.28.02, took effect on December 23, 2024. The regulation applies to commercial and multifamily buildings 35,000 square feet and larger statewide. Covered buildings must annually report energy data to the Maryland Department of the Environment and meet statewide energy performance requirements over time.
- Montgomery County's BEPS applies to most buildings 25,000 square feet and larger and requires annual whole-building energy benchmarking, as well as compliance with interim and final energy efficiency standards by specified deadlines. As an alternative, owners may submit a Building Performance Improvement Plan. The Montgomery County Council approved the BEPS regulations on February 25, 2025, establishing building-type-specific performance standards capped at no more than a 30 percent reduction from each building's baseline energy use intensity (EUI), defined as energy used per square foot per year. Buildings that comply with Montgomery County's more stringent, locally adopted BEPS requirements are generally deemed compliant with Maryland's statewide BEPS.

Next Steps: Owners of buildings covered by BEPS will need to make energy improvements to meet site EUI standards by the interim and final deadlines. The city will evaluate the BEPS requirements for covered city-owned buildings and work with energy consultants and contractors to develop and implement strategies to meet compliance deadlines (see Action M-1).

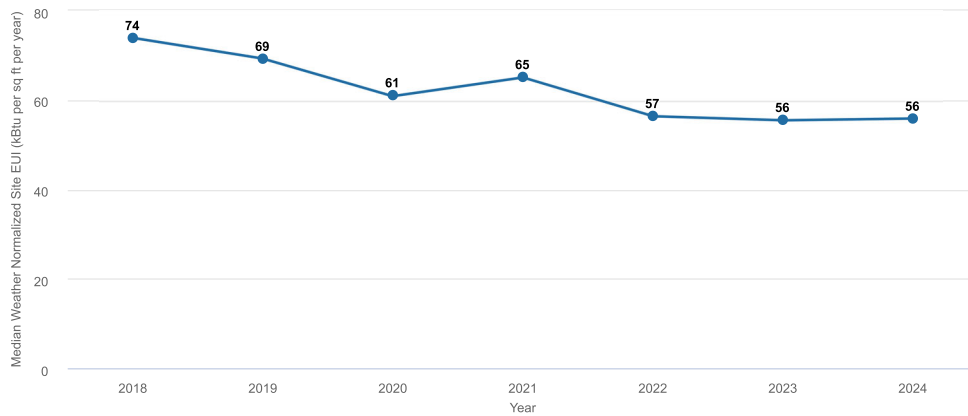
Equity: Montgomery County and Maryland are developing incentive and financing programs to help building owners invest in energy improvements, building on existing programs and leveraging federal funding sources. Programs include but are not limited to the MD PACE program, EmPOWER Maryland, the Department of Housing and Community Development energy programs, and the Montgomery County Green Bank. The Green Bank also provides a Technical Assistance Program to help building owners complete energy benchmarking, data verification, and building energy assessments. The County is exploring additional technical assistance programs as well as direct assistance for under-resourced sectors.

Metric: Approximately 245 buildings in Rockville are required to report building energy benchmarking data annually to Montgomery County to demonstrate energy performance over time. [Montgomery County shares reported data](#), which typically lags by one calendar year. Key metrics for assessing building performance over time include:

- Energy use intensity, or EUI, expressed as energy used per square foot per year. Essentially, the EUI expresses a building's energy use as a function of its size or other characteristics. EUI is calculated by dividing the total energy consumed by a building in one year (including electricity, natural gas, heating oil, etc., measured in kBtu or GJ) by the total gross floor area of the building (measured in square feet or square meters). Weather Normalized Site Energy Use Intensity (EUI) normalizes a building's consumption using 30-year average weather conditions. Lower site EUI equals better performance; however, some property types are more energy intensive by nature of their operations. The median weather normalized site EUI for all reported Rockville buildings decreased by 25% between 2018 and 2024; and 2% over the last year.
- The ENERGY STAR score is a measure of how well a property is performing relative to similar properties, when normalized for local climate and operational characteristics. A higher ENERGY STAR score equals better performance. A score of 50 indicates that a building is performing at the national median, taking into account its size, location, and operating parameters. A score of 75 indicates that a property is performing in the 75th percentile and may be eligible to earn ENERGY STAR Certification (green). The 2024 average ENERGY STAR scores indicate which property types in Rockville are performing above (blue) or below (pink) the national median.
- In 2025, the Montgomery County Green Bank facilitated financing for 2 commercial solar loans, 70 subsidies to assist commercial buildings with BEPS compliance, 2 energy audit subsidies, and 2 commercial resiliency loans.

(C-01) Building Energy Use

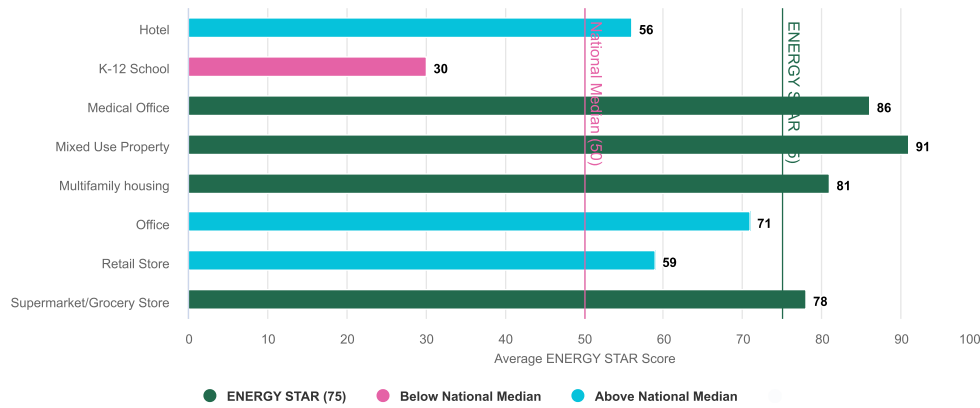
Rockville Benchmarked Buildings - Median Site Energy Use Intensity*



*Energy Use Intensity (EUI) refers to the amount of energy used per square foot annually.

(C-01) Average ENERGY STAR Score by Property Type

Average ENERGY STAR Scores by Property Type (2024)



The ENERGY STAR score is a measure of how well a property is performing relative to similar properties. A higher score indicates better energy performance.

Action 1.1.2 In-Progress Progress 50%

Community - 02

Expand the low and moderate income (LMI) home repair and weatherization program to increase energy efficiency, resiliency, and renewable energy opportunities.

Progress Highlights: Rockville continued to seek and promote services for low- and moderate-income (LMI) residents and small businesses for energy efficiency, electric appliances, solar panels, and electric vehicle charging stations. This work entailed community outreach in coordination with the Department of Housing and Community Development, and assisting Rockville Housing Enterprises to identify available programs and resources.

Projects highlights include:

- Continuing to promote LMI energy efficiency programs through social media, Rockville Reports, the Environment & Sustainability Newsletter, tabling materials, and when working with assistance applicants.
- Continued coordination to support and promote Montgomery County's Healthy, Efficient, Electrified, Climate-Adapted Pilot (HEECAP) Grant Program. The HEECAP program fills a gap by providing funding to implement critical health and safety projects so that low-income homes can be eligible for other energy upgrades. The Mayor and Council submitted letters of support for Montgomery County's application for Congressionally Directed Spending to fund expansion of the HEECAP program. In FY 2025, Building Change, Inc. and Habitat for Humanity Metro Maryland received HEECAP funding to serve homes in Rockville and Montgomery County. HEECAP projects in Rockville accounted for approximately \$78,500, from June 2024 through December 2025. The bulk of the cost was for roof replacements. Other projects included induction stoves, mold remediation and HVAC electrification.
- RHE is coordinating with Habitat to provide energy efficient electric appliance upgrades for 10 of their single unit homes, with 8 completed and another 2 in progress.
- Staff participated in the Housing Action Team to seek ways to educate property owners about discount programs for multi-unit housing.
- Rockville had partnered on the Maryland Clean Energy Center's EPA Solar for All LMI solar grant application which was awarded. Although this grant fund is currently frozen, the Montgomery County Green Bank offers financing through its other funding sources for LMI residents and businesses.

Issues: Federal funding on many clean energy programs is tied up in legal actions, affecting Inflation Reduction Act rebate programs that would have been offered through Maryland - the HOMES Residential Energy efficiency Rebate Program and the High-Efficiency Electric Home Rebate Program, both of which would have offered much higher discounts for low-income residents. Still, Maryland, County, and utility programs are funded and providing services. Solar funding is predicated on conducting an energy audit and sealing drafts and increasing insulation, which is less popular than solar, EV charging, and electric appliances. Higher electricity rates may make energy efficiency work become more urgent and appealing.

Next Steps: Recognizing the barriers for residents to access existing energy efficiency and renewable energy programs, staff is seeking solutions that involve more direct assistance rather than loans and seeking ways to engage landlords and residents and connect them with technical assistance.

Maryland and Pepco have offered state funding for low- and moderate-income energy upgrades at multi-family properties. Rockville will continue to work with partners to connect residents with these ongoing funding opportunities and educate landlords and property owners.

Equity: This action is focused on programs for low- and moderate-income residents, which tend to have disproportionate representation from Black, Hispanic, Indigenous, immigrant, English language learners, seniors, disabled, or other historically excluded groups.

Community - 03

Progressively strengthen green/energy conservation building codes for new construction to reach net zero or equivalent.

Progress Highlights: In 2025, the city drafted amendments to the Green Building Regulations (Article XIV of Chapter 5) which consists of the International Green Construction Code (IgCC) (advancing from the 2015 version to 2021) which applies to commercial buildings, and the National Green Building Standard (NGBS) (2018 to NGBS 2020) which applies to single unit homes to triplexes. These codes were adopted by Mayor and Council in early 2026.

Previously, energy-related local amendments for new construction and major renovations were integrated into the 2021 International Energy Conservation Code (IECC) (Chapter 5, Article VIII) which became effective December 1, 2024. These amendments included:

- Solar-ready wiring and space reserved on commercial rooftops (with exceptions)
- Storage-ready wiring and space reserved in commercial buildings to enable battery energy installation
- Electrification-ready backup electricals, such as stoves, dryers, or HVAC systems to enable low-cost future electrification
- Grid interactive controls for thermostats and commercial water heaters
- Optional performance-based calculation for energy efficiency compliance
- Electric vehicle charger installation requirements:
 - Parking lots serving most new/renovated commercial buildings must install 2% of parking spaces with Level 2 chargers, and 8% with EV-ready wiring (to enable quick and lower-cost expansion if needed)
 - Parking lots serving multi-unit apartments, condominiums, hotels/motels must include EV chargers installed in 10% of parking spaces and EV-ready wiring in 10% of spaces.

Issues: The city provided letters of support to partner with Montgomery County on a net-zero building code grant which they were awarded in 2025. The grant will assist the city and the county in developing codes, training inspectors, and training the development community to prepare for future net zero building codes over the next 7 years. Although the award is still considered active, the process to implement it has been slowed by federal program cuts.

Next Steps: The city will continue to review and adopt updated building codes on a three-year cycle that involves three stages: the national model code publication by the International Code Council (ICC), State of Maryland code adoption, and finally local code adoption. Green/energy conservation building codes are intended to gradually strengthen in each of the amendment cycles that adopt the 2021 (completed), 2024, 2027 and 2030 ICC codes. The City adopts the voluntary above-and-beyond green and energy-related building codes and amends them to tailor locally and strengthen them to improve local building energy modernization.

Equity: Development review permit fees were adjusted to incentivize redevelopment and to ensure equitable application. Additionally, the city waived permit fees directly associated with the residential installation of solar photovoltaic systems, electric vehicle charging stations, and energy-efficiency heating and cooling upgrades in honor of Earth Month in April of 2025. Efforts are ongoing to reduce the burden associated with the permitting process, improve communication of requirements, and provide education to constituents.

Community - 04

Opt into Montgomery County's point of sale energy disclosure (Chapter 40, Real Property, Section 40-13B).

Progress Highlights: Continued implementation of the ordinance requiring Montgomery County's point of sale radon testing and home energy disclosure requirements. This law went into effect on January 1, 2023 and is enforced by Montgomery County's Office of Consumer Protection. The law applies to owner-occupied single-family homes and condos which are individually metered by electricity and natural gas utilities. Before signing a contract, the seller of the home must provide copies of applicable electricity, gas, and home heating bills, or cost and usage history for the twelve months prior to the sale, along with information on residential energy efficiency opportunities.

Next Steps: Continue outreach and education.

Equity: Montgomery County provides [information on residential energy efficiency improvements, incentives and financing options](#).

Community - 05

Expand the home energy efficiency outreach program to increase participation in utility energy audits and rebates.

Progress Highlights: Promoted various home energy incentive programs available to Rockville residents to help them complete energy assessment and upgrades:

- Published multiple social media and Rockville Reports promotions involving Pepco's home energy programs, Montgomery County Energy Connection, and Montgomery County's Electrify MC program for electrification discounts and Help Desk (see Action Community-06).
- Shared information on Tax Credits for solar, electric vehicles, chargers, and home energy efficiency in Rockville Reports and the Environment and Sustainability e-newsletter, available through Dec. 31, 2025.
- Updated Climate Incentives webpage to highlight all of the rebates and incentives available to Rockville residents to adapt to federal residential energy tax credits expiring.
- Pepco also promoted programs at Rockville Science Day, Montgomery County Greenfest and with a multi-cultural campaign on social media.
- Montgomery County Green Bank facilitated 29 residential energy efficiency loans with the Clean Energy Credit Union.

Issues: While County and Pepco programs are continuing, federal tax credits ended December 31, 2025, and there is uncertainty regarding other programs going into the future. The federal Inflation Reduction Act rebates administered by the state for electric appliances, panel upgrades and deep home energy efficiency are on hold. Regardless, energy efficiency is always a good economic investment and is made even more accessible by state and utility discount programs.

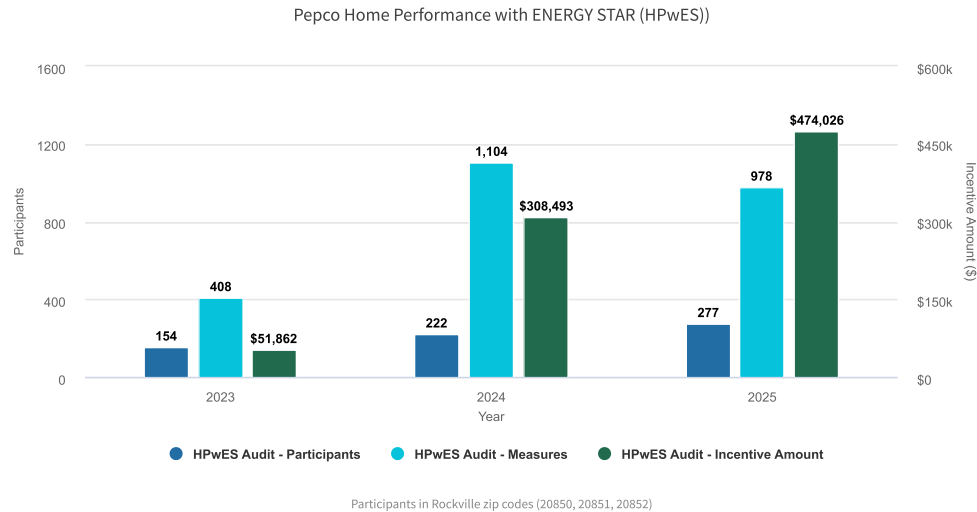
Next Steps: Continue to monitor new programs and promote electrification, utility home programs, rebates and tax credits programs.

Equity: Energy program outreach materials feature information for Income Eligible Energy Efficiency Programs to assist low-to-moderate income (LMI) households. See Action C-02 for a special emphasis on LMI energy programs. Reducing energy use will help address energy burden and climate change which disproportionately impacts low-income residents, the those with disabilities, seniors, and Black, Indigenous, and People of Color.

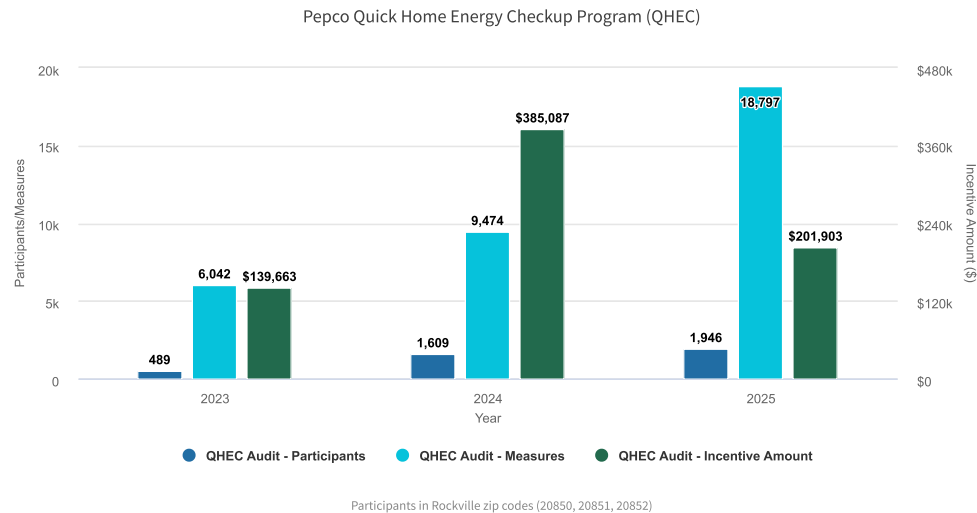
Metric: Pepco reports zip-code level information for their residential energy efficiency incentive programs. Data reported for zip codes primarily serving Rockville (20850, 20851, 20852) includes:

- Home Performance with ENERGY STAR Program (HPWES) provides a detailed home energy assessment and diagnostic testing with up to \$10,000 in rebates for completing eligible projects. 2025 participation included 277 households (23% increase), which implemented 978 energy efficiency measures, receiving \$474,026 in incentives with an estimated lifecycle greenhouse gas savings of 858 metric tons CO2 equivalent.
- Quick Home Energy Check-up Program (QHEC) provides visual inspections and installation of energy-savings projects at no cost to Pepco customers. Participation included 1,604 households (21% increase), which implemented 18,797 energy efficiency measures, receiving \$201,903 in incentives with an estimated lifecycle greenhouse gas savings of 1,266 metric tons CO2 equivalent.

(C-05) Pepco Home Performance with ENERGY STAR Program - Overview



(C-05) Pepco Quick Home Energy Checkup Program - Overview



Action 1.1.6 Institutionalized Progress 50%

Community - 06

Coordinate with Montgomery County on electrification incentives for existing building systems.

Progress Highlights: Montgomery County continued to administer the pilot home electrification program, **Electrify MC**. Rockville residents are eligible for County technical assistance via a "Help Desk" and incentives to help transition home systems from fossil fuels to electricity (e.g., cooking, hot water, heating, and cooling, etc.). The program provides convenient up-front discounts on equipment. Participants are also guided to conduct an energy audit through Pepco's Home Performance with ENERGY STAR and to pursue Pepco energy efficiency rebates. The program received additional funding in 2025.

The city and the Environment Commission hosted a table at Electrify DC's Healthy Homes Fair to conduct outreach regarding the benefits of energy efficient electric appliances. The event was advertised on the city website and social media.

Issues: Electrify MC currently only has one contractor and incentives require that the new electric appliances replace fossil fuel-powered appliances. Inflation Reduction Act (IRA) Tax Credits and MEA's IRA rebate programs are no longer available.

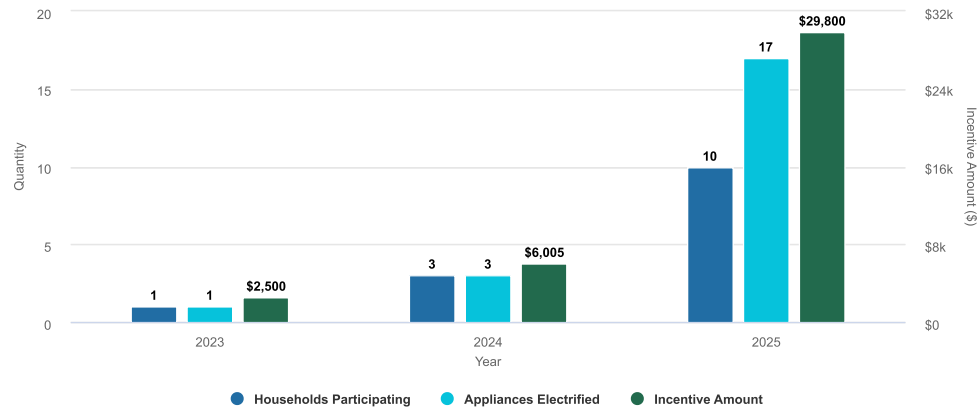
Next Steps: Continue to promote the County's and IRA programs to reach new diverse participants.

Equity: Electrify MC provides upfront discounts which reduces the upfront cost and hassle of rebates. Materials are also provided in Spanish. Electric appliances particularly benefit the health of those living in smaller dwellings and people with asthma or other health problems.

Metric: Ten Rockville homes electrified 17 appliances and received a total of discounts valued at \$29,800, nearly 5 times higher than in 2024, through the Electrify MC program in 2025.

(C-06) Electrify MC Participation

Electrify MC Program Participation in Rockville



Electrify MC program began in June 2023.

Action 1.1.7 In-Progress Progress 40%

Municipal - 01

Complete energy assessments of City facilities and develop a strategic plan to reduce facility energy consumption.

Progress Highlights: The city has been making incremental energy improvements over time, prioritizing the largest and highest energy-consuming facilities to maximize energy savings and greenhouse gas reductions. In 2025, the city completed the following energy efficiency projects:

- A consultant completed an energy audit and Building Efficiency Performance Standards (BEPS) Compliance Report of the Swim and Fitness Center. Findings will be utilized to help the facility meet Montgomery County’ interim standard for the building.
- As required by Montgomery County’s Building Energy Benchmarking and Performance Standards Law, the city submitted building energy benchmarking data for City Hall, Rockville Swim and Fitness Center, and the Senior Center. The County granted a benchmarking waiver to 6 Taft because the building was not occupied for the full year.
- In partnership with Pepco and MEA, the City completed Light Emitting Diode (LED) retrofits across four facilities, totaling 1,022 LED upgrades and leveraging \$188,266 of outside funding:
 - Thomas Farm Community Center: Replaced 222 lights with energy efficient LED’s leveraging \$9,823 from MEA and \$52,988 from Pepco. The upgrades include improved gymnasium and parking lot lighting.
 - Croydon Creek Nature Center: Replaced 130 lights with energy efficient LED’s leveraging \$5,262 from MEA and \$20,869 from Pepco. The lighting upgrades include energy saving occupancy sensors throughout the facility and improved outdoor lighting conditions for the public.
 - F. Scott Fitzgerald Theatre: Replaced 395 lights with energy efficient LED’s leveraging \$9,915 from MEA and \$35,454 from Pepco. The lighting upgrades improve lighting conditions throughout the facility for staff and the public.
 - Rothgeb Maintenance Facility: Replaced 275 lights with energy efficient LED’s leveraging \$16,365 from MEA and \$37,590 from Pepco. The lighting upgrades include significantly improved lighting conditions for staff across the City’s vehicle maintenance shop bays where fleet vehicles undergo routine and emergency maintenance.
 - These projects were made possible in part through funding provided by MEA under its FY24 Maryland Smart Energy Communities (MSEC) Grant Program - Clean Energy for Local Governments (CELG). The MSEC CELG program supports Maryland municipalities and counties in implementing long-term, smart energy policies and infrastructure investments. Grants help local governments reduce energy consumption, improve operational efficiency, increase renewable energy adoption, and lower greenhouse gas emissions. The program advances MEA’s mission to promote affordable, reliable, and cleaner energy for all Marylanders.

Issues: Staff monitored proposed building energy regulations and outside funding opportunities to strategically plan future audits and improvements. Montgomery County’s BEPS regulation was adopted in February of 2025. BEPS establishes the net direct greenhouse gas emissions and/or site Energy Use Intensity (EUI) standards for different building types in excess of 25,000 sq. ft. to be achieved by interim and final deadlines. The city will work with energy consultants and contractors to develop BEPS facility energy assessments and compliance plans for covered facilities.

Next Steps: Continue the different phases of facility energy audits and improvements; including developing a BEPS compliance strategy, seeking grant funding for future energy efficiency audits and projects, and implementing projects at the following locations:

- Police Station: Replace approximately 416 interior CFL fixtures with energy efficient LED fixtures and tubes. Replaced fixtures will be paired with occupancy sensors to modernize and improve occupant light controls for maximized energy savings. (Project completed in February 2026)
- Monitor opportunities to leverage grant funding and Pepco rebates to implement energy efficiency improvements at other facilities.
- City Hall: Conduct an energy audit and BEPS compliance report.
- Swim and Fitness Center: Develop a BEPS Building Performance Improvement Plan (BPIP) based on completed energy audit and compliance report to meet interim Montgomery County standard.
- 6 Taft: Continue benchmarking for future BEPS compliance.
- Senior Center: Monitor and maintain energy performance. The facility meets final Montgomery County BEPS standard presently.

Metric: The table summarizes the largest, highest energy-consuming facilities, the status of energy efficient lighting assessments and upgrades, and the status of energy audits and plans for future BEPS compliance

(M-01) Facility Energy Audits and Projects

Facility	Size (sf)	Lighting Audit	LED Lighting Conversion	Building Energy Audit	Lighting Conversion Status
City Hall	51,848	Complete	Completed 2023- Floors 1 and 3 Completed 2022- Floor 2 Completed 2018 - Parking lot	Pepco Tune-up (2022) Energy Audit (2026-2027) Planning for BEPS compliance (Interim 2028)	Complete
Swim and Fitness Center	46,171	Phased	Future- Other interior spaces Planned - outdoor pool Completed 2020 - Locker room Completed 2016 - Indoor pools Completed 2016- Parking lot	Energy Audit (2024-2025); Planning for BEPS compliance (Interim 2030)	Phased
Senior Center	39,170	Complete	Completed 2024 - Interior and Exterior	BEPS Compliant - (Final 2035)	Complete
6 Taft Court	55,350	Phased	Completed 2025 (North Wing) Future (South Wing)	Planning for BEPS compliance (Benchmarking)	Phased
Water Treatment Plant (main building)	8,100	Complete	Completed 2024 (facility renovation)	Completed in 2018 as part of building renovation	Complete
Lincoln Park Community Center	12,516	Complete	Completed 2021		Complete
Twinbrook Community Center	15,740	Complete	Completed 2024 (Interior and Parking lot)		Complete
Thomas Farm Community Center	18,086	Complete	Completed 2025 (Interior and Parking lot)		Complete
F. Scott Fitzgerald Theatre	24,100	Complete	Completed 2025		Complete
Rothgeb Maintenance Facility (multiple structures,)	62,400	Phased	Phased Completed 2024 - Fleet exterior Completed 2025 - Fleet interior		Phased
Glenview Mansion	24,483	Phased	Phased with renovations (pending availability of historic fixtures)		Phased
Recreation Services Building	17,000	Future	Future renovation (2033)		Future
Police Station - Annex + Old Post Office	26,198	Complete	Completed 2026		Complete
Croydon Creek Nature Center	7,250	Complete	Completed 2025 (Interior and Parking Lot)		Complete

Action 1.1.8 In-Progress Progress 81%

Municipal - 02

Convert City-owned streetlights to energy efficient LED (light-emitting diode) (CIP TA22).

Progress Highlights: The LED Streetlight Conversion Program (CIP TA22) replaces approximately 3,200 city-owned streetlights with energy efficient LED in three phases. Phase 1 was completed in October 2024, replacing approximately 1,900 lights with LED fixtures. The Phase 2 project converted 647 lights and was completed in September 2025.

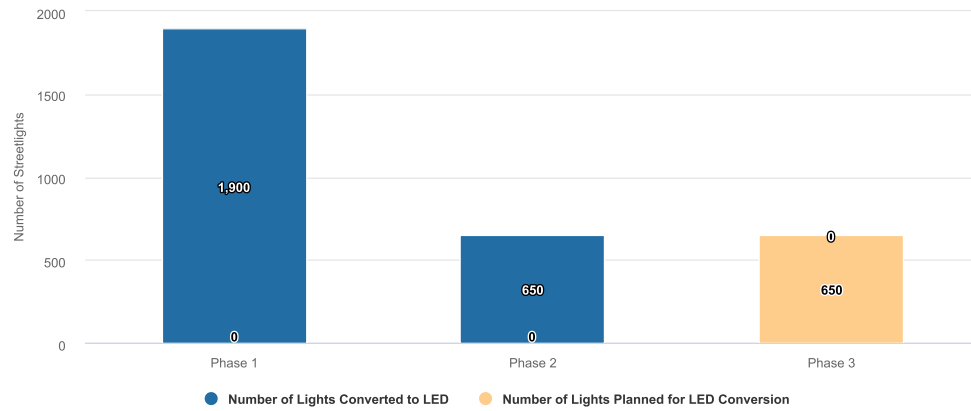
Next Steps: The contract for Phase 3 is expected to be awarded with the work expected to be completed by the end of 2026. Phase 3 will replace approximately 650 lights.

Grants: Phase 1 received a \$445,750 Streetlight and Outdoor Lighting Efficiency grant from the Maryland Energy Administration (MEA) and \$224,875 in Pepco EmPowerMD rebates. Phase 2 received a \$124,600 grant from MEA and \$97,050 in Pepco rebate funds. The Phase 3 project also has an MEA grant with awarded value of \$130,600, and it is expected this phase will also receive EmPowerMD rebates.

Metric: The number of streetlights converted during each phase is tracked over time to assess progress. By the end of 2025, approximately 2,550 streetlights (100% of phases 1 and 2) were converted to LED.

(M-02) LED Streetlight Replacement Status

Phased Plan for Converting City-Owned Streetlights to LED



Action 1.1.9 In-Progress Progress 25%

Municipal - 03

Advocate for a Pepco-owned streetlight LED conversion agreement that serves the public interest.

Progress Highlights: Rockville staff continues to monitor any progress and advocate for LED streetlight conversion of Pepco owned lights in the City. Close to half of Rockville's more than 6,000 streetlights are owned and maintained by Pepco and their electricity use is billed to the City. These streetlights are primarily overhead cobra-style fixtures with mercury vapor or high-pressure sodium light sources. Pepco had inquired in early 2025 to jurisdictions about preferences for billing associated with an LED conversion of their lights. Option 1 that they offered would be to pay for the conversion through monthly invoicing while the other option is to pay through a onetime contribution in aid of construction. Currently, no resolution or planned implementation period has been finalized.

Next Steps: Coordinate with Pepco to further understand their proposed tariff schedules and estimate budget implications for the different options. Continue to track Pepco's developing plans, Maryland legislation, and Public Service Commission actions and comment when appropriate. It is worth noting that Pepco staff has been engaging with all jurisdictions in their service areas on assignment of existing lights for each of its customer's inventories. This was a directive of the PSC and has taken much effort from all parties involved.

Category 1.2 Progress 52%

Renewable Energy

Increase the generation, use and access to affordable, reliable, and clean energy systems.

Action: 5

	%	#
● Institutionalized	40	2
● In-Progress	60	3

Action 1.2.1 In-Progress Progress 50%

Community - 07

Advocate to increase the Maryland Renewable Portfolio Standard by 2030.

Progress Highlights: Maryland's Renewable Portfolio Standard (RPS) was established to capture the economic, environmental, and security benefits of renewable energy. The RPS seeks to establish a market for renewable energy in Maryland and lower the cost of obtaining electricity generated from renewable sources. The program does this by gradually increasing the amount of renewable energy electricity suppliers must procure from renewable sources by 2030 to 50 percent. The Mayor and Council continued to advocate for legislation in the 2025 Maryland General Assembly that would strengthen the RPS and renewable energy production. The Mayor and Council provided testimony in support of the Abundant, Affordable Clean Energy Act of 2025 which ultimately was not enacted; however, the battery storage provisions were included in a separate bill, the Next Generation Energy Act, which was enacted.

Next Steps: Continue to advocate for energy efficiency, renewable energy, and storage to support a clean-powered electric grid.

Equity: This action to reduce greenhouse gas emissions protects historically excluded communities since they bear higher burdens from climate change and air pollution.

Action 1.2.2 In-Progress Progress 67%

Community - 08

Coordinate with Montgomery County on development of the Community Choice Energy Program to aggregate green power purchasing.

Progress Highlights: After supporting the initiation of the Community Choice Energy (CCA) program, the city has been monitoring the program development progress. The County Council approved Bill 27-25 to establish Community Choice Aggregation (CCA) on October 21, 2025. The County's Community Choice Aggregator program will allow the County to negotiate a "greener" electricity contract in bulk on behalf of all account holders. The legislation calls for the County Department of Environmental Protection (DEP) to develop the details of the program and to prioritize sustainability, availability, and affordability in doing so.

Issues: This is a complex program that impacts many customers that requires thoughtful program design.

Next Steps: The next steps are for the County to develop policies and procedures to run the program. The program will need to be approved by the Maryland Public Service Commission. The City will continue to monitor the program's development and coordinate as needed.

Equity: A county-wide purchase on behalf of customers would reduce supplier choice misinformation and simplify participation in green power programs. Any cost changes should consider equity in their structure. The County intends to conduct extensive outreach during the development of the CCE to ensure that it is informed by community values and that special attention is given to the needs to vulnerable communities.

Community - 09

Promote private solar and geothermal installations through the solar co-op program, streamlined permitting, and expanding access to low-to-moderate income residents.

Progress Highlights: Rockville expanded efforts to promote private solar and geothermal installations through the following:

- Promoted the Capital Area Solar Switch Together program, the solar co-op hosted by the nonprofit Solar United Neighbors. The program leverages the power of groups to help residents and businesses throughout the Washington metropolitan area learn about and install rooftop solar panels, battery storage, and electric vehicle charging stations. In 2025, the Environment Commission invested more than 36 volunteer hours over 9 weekends at the Rockville Farmer’s Market promoting the Solar Co-op. The city hosted an information session about installing solar with the Solar Switch Together program in May 2025.
- The Mayor and Council reduced permit fees for the installation of solar and EV chargers and streamlined the permitting process using an online application. As part of the Earth Month observance in April, the city waived all fees assessed by the Inspections Services Division that are directly associated with the residential installation of solar photovoltaic systems, electric vehicle charging stations and energy efficient heating and cooling systems, such as heat pumps.
- MEA and DHCD offer grant funds to install free solar on low income single residences and multi-family residents after conducting energy efficiency work.
- Staff provided technical assistance to Rockville Housing Enterprises to connect them to available resources for solar through state grantees such as Building Change, Inc. and Habitat for Humanity Metro Maryland.
- Plan review and permitting processes were streamlined with the SolarAPP+ automated permitting system launched in 2025.

Issues: Federal funding freezes and uncertainty in global markets due to tariffs are contributing to uncertainty in the solar market. Federal tax credits expired at the end of 2025. The funding awarded to Montgomery County Green Bank and the Maryland Clean Energy Center for EPA’s Solar For All grant which offers special financing for solar systems and community solar for low-income residents remains paused.

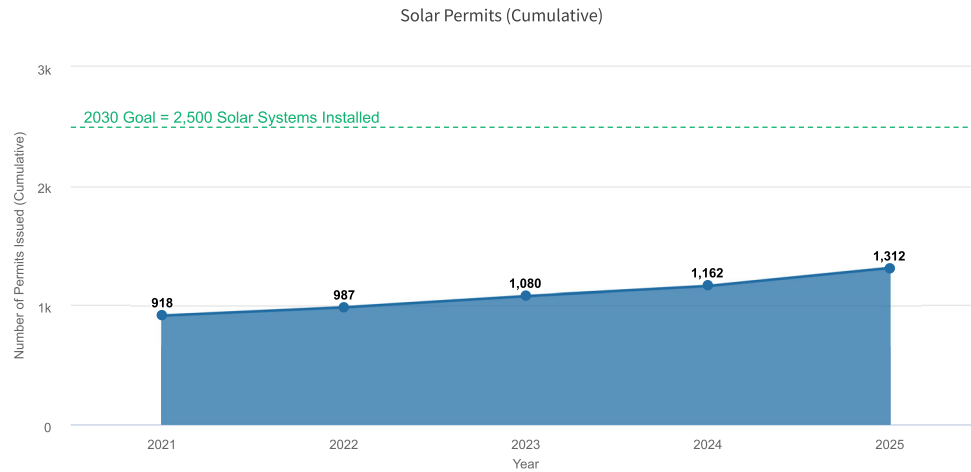
Next Steps: The 2026 Solar Switch will launch in March and outreach will highlight Maryland solar rebate, solar renewable energy credit revenue, and low- and moderate-income solar opportunities through the Green Bank and community solar. Staff will continue ongoing coordination with Housing and Community Services to support RHE and other low income residences to support solar development on their properties.

Equity: The Montgomery County Green Bank offers a special financing program for low- and moderate-income homeowners. Several community solar projects available to Rockville offer special discounted electricity rates for low-income subscribers. These programs were advertised through social media, Rockville Reports, and in-person throughout the year and specifically promoted during the Solar Switch outreach campaign. MEA and DHCD offer grant funds to install free solar on low-income single residences and multi-family residents.

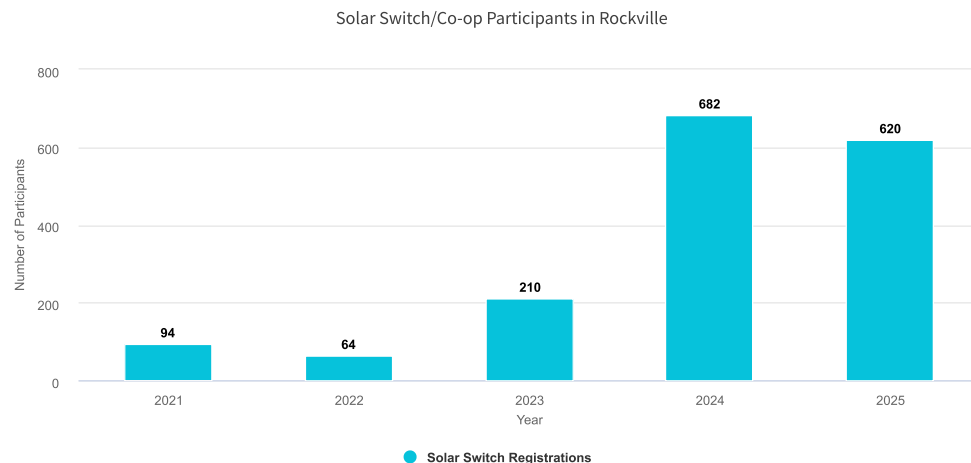
Metrics: Interest in solar continued to grow. The 2025 Solar Switch Together program recruited 620 participants with a Rockville address that are interested in solar, but are not required to enter into a contract. The cumulative total number of solar permits issued in Rockville rose to approximately 1,312.

The Montgomery County Green Bank facilitated 33 residential solar loans in 2025.

(C-09) Solar Permits



(C-09) Solar Switch



Municipal - 04

Identify and install feasible solar photovoltaic systems on City property.

Progress Highlights: As part of the Maryland Smart Energy Communities (MSEC) program, the Mayor and Council adopted a Resolution 12-13 establishing 20 percent renewable energy goal for city facilities. The existing geothermal system at Thomas Farm Community Center contributes to this renewable energy goal. The city has worked with a variety of consultants to evaluate solar feasibility across multiple facilities to develop Solar PV deployment strategies. The solar projects referenced in the FY 2025 budget were delayed due to procurement barriers with utilizing a Montgomery County Public Schools solar power purchase contract for solar canopies. In preparation for the FY 2026 budget, staff revised the solar strategy to incorporate the results of a Maryland Energy Administration (MEA)-funded solar feasibility assessment for rooftop and solar canopies, federal and state grant requirements and timelines, evolving solar market conditions, and scheduled roof replacements in 2025. The revised solar strategy includes two phases:

- Lincoln Park Community Center (LPCC) Rooftop Solar: This is a small rooftop system funded through the U.S. Department of Energy's (DOE) Energy Efficiency and Conservation Block Grant Program (EECBG). This project was approved by DOE on July 11, 2024, and included in the first FY 2025 operating budget amendment. However, staff were unable to submit a requisition by the April 2025 procurement deadline due to staff vacancies, uncertainty related to federal funding, and additional time needed to complete the roof replacement to prepare the facility for solar. The RFP was posted in October of 2025. The RFP was awarded in March of 2026 and installation is anticipated to be completed by early summer of 2026.
- Multi-Site Rooftop and Carport Solar RFP (7 sites): This RFP includes potential solar rooftop and canopies with bundled pricing for City Hall, the Swim and Fitness Center, the F. Scott Fitzgerald Theatre, 6 Taft Court, Rothgeb Maintenance Facility, Recreation Services and the Senior Center. These projects will require more experienced solar developers that offer Solar Power Purchase Agreement (SPPA) and capital investment options and can manage our site plan and permitting processes. The intent of the RFP is to obtain proposals for the seven sites through either a SPPA or city capital investment for the best long-term value for the city. Following proposal evaluation and negotiations, staff will determine the appropriate financing approach (SPPA vs. capital purchase), how many sites and the associated next steps and timeline. In anticipation of rising solar costs, staff submitted a grant application on December 1, 2025, for funding for one solar project from the Maryland Local Government Energy Modernization (L-GEM). MEA anticipates award notices to be issued in May 2026. The RFP is drafted and submitted to Procurement. Following notice of grant awards, the RFP will be revised, if needed, and posted.

Issues:

- Federal funding from the Department of Energy (DOE) was paused in the first quarter of 2025, impacting the implementation of the solar rooftop at Lincoln Park Community Center.
- MCPS contract delays and uncertainty in federal tariffs and tax credits have delayed the finalization of SPPAs to implement solar canopy projects through a cooperative contract at Rothgeb and 6 Taft Court. The City will explore a direct SPPA through a standard RFP process, bypassing the originally planned MCPS cooperative contractive.
- Other building and site conditions: The city has several low-rise facilities that are shaded by tree cover and/or contain rooftop mechanical equipment that require maintenance access paths and fall protection for safety. These systems compete for limited roof space for solar photovoltaic and solar thermal systems. The city explored solar feasibility with assistance from the U.S. Environmental Protection Agency, MEA, and other private contractors and have identified limited opportunities, as summarized in the table. As sites change, roofs are replaced, and technology changes, feasibility may change. For example, the solar contractor evaluated the roof of the north wing of 6 Taft Court and did not recommend rooftop solar because of orientation, space constraints, and conflicts with rooftop mechanical equipment, maintenance access and fall protection safety equipment. The roof of the main building of the Water Treatment Plant was evaluated and not recommended for solar by a consultant because of orientation, space constraints and conflicts with rooftop mechanical equipment, maintenance access and fall protection safety equipment, and the risk a roof leak could damage the electrical equipment and switchgear located on the third floor.

Next Steps:

- Park Lot Canopies: Staff will explore an RFP for SPPA solar canopies at 6 Taft Court and the Rothgeb Maintenance Facility. Staff will continue to explore the feasibility of installations at other facilities with large, unshaded parking lots.
- Rooftop: One rooftop solar installation is targeted for completion in 2026 at Lincoln Park Community Center. Additional rooftop installations would be coordinated with the roof replacement cycle. The city's roofing contractor can evaluate the structural capacity of a roof to determine if a solar rooftop system can be installed, however, they do not conduct solar feasibility studies that consider other factors like the orientation, system sizing, electrical feasibility, shading from trees, location of mechanical equipment, economics, etc. As the city proceeds through the roof replacement cycle, staff will first assess the buildings for critical limiting factors that would prevent solar installations, such as orientation, shade by trees or mechanical equipment, future building changes, historic designation, presence of a curved/barrel or green roof, and restrictions from fall protection devices.

Metric: The MSEC renewable energy goal translates to a generation capacity target of approximately 3,200 MWh per year. The City's geothermal system at Thomas Farm Community Center accounts for 461 MWh/yr, approximately one-seventh of this goal. Targeted Solar PV Conceptual designs developed to date account for 2,995 MWh/yr, bringing the City's potential total renewable energy generation to 3,456 MWh/yr once the Solar PV projects are implemented. The table summarizes solar feasibility assessments and plans for evaluating solar installations at other facilities.

(M-04) Table of Municipal Renewable Energy

Municipal Solar

Location	Solar Screening	Status	Rooftop Solar	Parking Solar Canopy	Notes
Rothgeb Maintenance Facility	Contractor Solar Assessment (Standard Solar, 2023)	Concept Design: 960 kW DC Rooftop and Parking Lot Canopy, 1,200 MWh/yr	Feasible for Fleet Services Building and Stockroom/Heated Storage Building	Feasible	MEA awarded Solar Canopy and Dual Use Technology Grant (\$250,000) Planning for Solar PV RFP
6 Taft Court	Contractor Solar Assessment (Standard Solar, 2023)	Concept Design: 220 kW DC Parking Lot Canopy, 275 MWh/yr	N/A (Conflicts with orientation, rooftop equipment, maintenance access, fall protection and size)	Feasible	MEA awarded Solar Canopy and Dual Use Technology Grant (\$144,000) Planning for Solar RFP
Lincoln Park Community Center	Rooftop Solar Evaluation (Solar Energy Services, 2024). Roof replacement (Gale Associates, 2024).	Completed in 2025 - Gymnasium Roof Replacement (Phase 1) Underway - Gymnasium Roof Solar PV Installation (Phase 2) Concept Design: 35 kW DC Rooftop, 42 MWh/yr	Feasible for Gymnasium Roof	N/A (Conflicts with Sizing and Shading)	Planned project for Department of Energy (DOE) Energy Efficiency Community Block Grant (EECBG) (\$109,900) RFP issued in 2025 for Rooftop Solar PV design and installation. Installation anticipated in 2026
Swim and Fitness Center	Contractor feasibility assessment for rooftop and parking lot completed (The SEMCAS Group, LLC, 2025)	Concept Design: 340 kW DC Parking Lot Canopy, 470 MWh/yr	Patchy framework of feasibility due to roof age, size and conflict with rooftop equipment, maintenance access and fall protection	Feasible	Planning for Solar RFP
City Hall	Contractor feasibility assessment for rooftop and parking lot completed (The SEMCAS Group, LLC, 2025)	Concept Design: 312 kW DC Rooftop and Parking Lot Canopy, 425 MWh/yr	Feasible	Feasible	Pending Maryland Energy Administration Solar PV Grant determination (Anticipated Spring 2026) Planning for Solar RFP
Recreation Services Building	Contractor feasibility assessment for rooftop completed (The SEMCAS Group, LLC, 2025)	Concept Design: 75 kW DC Rooftop, 104.85 MWh/yr	Feasible for two roofs at complex due to age of last replacement	N/A	Planning for Solar RFP
Senior Center	Contractor feasibility assessment for rooftop and parking lot completed (The SEMCAS Group, LLC, 2025)	Concept Design: 130 kW DC Parking Lot Canopy, 179 MWh/yr	N/A (Conflicts with orientation, rooftop equipment, maintenance access, fall protection and size)	Feasible	Planning for Solar RFP
F. Scott Fitzgerald Theatre	Contractor feasibility assessment for rooftop and parking lot completed (The SEMCAS Group, LLC, 2025)	Concept Design: 216 kW DC Parking Lot Canopy, 300 MWh/yr	N/A (Conflicts with orientation, rooftop equipment, maintenance access, fall protection and size)	Feasible	Planning for Solar RFP

Twinbrook Community Center	USEPA Contractor Screening (2012), Standard Solar Screening (2024)	Reviewed - Not recommended	N/A (Conflicts with tree shading, roof orientation, mechanical equipment and fall protection)	N/A (Conflicts with tree shading, floodplain, and utilities)	
Thomas Farm Community Center	USEPA Contractor Screening (2012), Standard Solar Screening (2024)	Reviewed - Not recommended	N/A (Conflicts with curved roof and flat roof orientation, shading and size)	N/A (Conflicts with natural gas easement under parking lot and permeable pavement)	Building features geothermal heating and cooling system
Police Station	Standard Solar Screening (2024)	Reviewed - Not recommended	N/A (Conflicts with green roof, mechanical equipment and historic designation)	N/A (Conflicts with sizing and shading)	
Glenview Mansion	Standard Solar Screening (2024)	Reviewed - not recommended, property has historic designation	N/A (Historic designation)	N/A (Historic designated environmental setting, large parking lot with some tree shading)	
Croydon Creek Nature Center	Standard Solar Screening (2024)	Reviewed - not recommended	N/A (Conflicts with tree shading, roof orientation, small building)	N/A (Small parking lot, tree shading, historic designated environmental setting)	
Water Treatment Plant	Contractor Assessment (CDM Smith, 2018)	Reviewed - Not recommended	N/A (Limited space, conflicts with mechanical equipment, maintenance	N/A (Limited parking, forest shading)	

Action 1.2.5 Institutionalized Progress 50%

Municipal - 05

Purchase renewable energy certificates (RECs) for municipal electricity.

Progress Highlights: Since 2004, Montgomery County has led a coalition of County agencies and municipalities to cooperatively purchase wind Renewable Energy Credits (RECs) to support clean energy. Rockville continued to participate in this partnership in fiscal year 2025. Rockville's annual wind RECs purchase offsets approximately 40% of electricity consumption used for all municipal facilities, parks, streetlights, traffic lights and utilities.

Issues: Increased demand for renewable energy, as well as renewable energy project development challenges (such as unpredictable equipment prices, rising interest rates, permitting delays, congested interconnection queues, and supply chain constraints) raised the price of Green-e Certified renewable energy credits substantially. Higher REC prices make it harder for jurisdictions with a fixed budget to source their power with renewable energy. Rockville will continue to coordinate with Montgomery County to explore affordable ways to increase the portion of clean energy purchased.

Category 1.3 Progress 72%

Transportation

Expand safe, efficient, affordable, and equitable multi-modal transportation options that utilize clean and efficient energy sources.

Action: 9

	%	#
Institutionalized	44	4
In-Progress	33	3
Completed	22	2

Action 1.3.1 Institutionalized Progress 55%

Community - 10

Work with WMATA, MDOT, and Montgomery County to maximize transit accessibility and ridership and enhance mobility options.

Progress Highlights: Public Works continues to evaluate sidewalk gaps and has advanced several different gap segments to the final design and/or construction phase. Public Works also constructed a Complete Streets and Asphalt Art project along Beall Avenue, providing separated bicycle lanes, a bus boarding platform, and an asphalt art mural.

Next Steps: The third group of sidewalk feasibility studies is anticipated to be completed in fall 2025. Multiple traffic calming improvements are under design and planned for construction in 2025. Shared roadways with traffic calming measures along Mannakee Street and bicycle lanes along Martins Lane are anticipated to be constructed in 2025 and 2026, respectively. The city continues to coordinate with the developer and MCDOT on the Great Seneca Transit Network to link the Shady Grove corridor with the Life Science Center and ensure connectivity. The city also continues to coordinate with MCDOT and MDOT SHA on MD 355 Bus Rapid Transit. Lastly, Public Works is evaluating Congressional Lane, Halpine Road, and E. Jefferson Street for multimodal improvements.

Equity: Public transportation provides mobility options and access to everyone in Rockville and serves several marginalized groups including low-income, elderly, youth, and people with disabilities, as well as those who do not have access to an automobile or cannot drive because of cost, age, or physical ability. Public transportation also produces fewer impacts to the environment compared to privately owned automobiles, including transportation related emissions, noise, and vibration which are frequently felt most directly in disadvantaged communities.

Community - 11

Develop a Rockville Community Electric Vehicle (EV) Readiness Plan.

Progress Highlights: The Mayor and Council adopted Rockville's first [Electric Vehicle \(EV\) Readiness Plan](#) on March 24, 2025. The plan contains 26 actions in four categories to help support the conversion from combustion engine vehicles to electric vehicles in City of Rockville for residents, workers, and visitors.

Progress on the EV Plan implementation is tracked on the [EV Readiness Plan online dashboard](#).

Issues: The EV charging needs assessment revealed a deficit of reliable public charging. Many residents lack home charging, especially those that rent or reside in multiunit residential buildings. Additional work with the private sector and the public is needed to expand charging. Permitting processes offer opportunities for improvement, clarity, and streamlining.

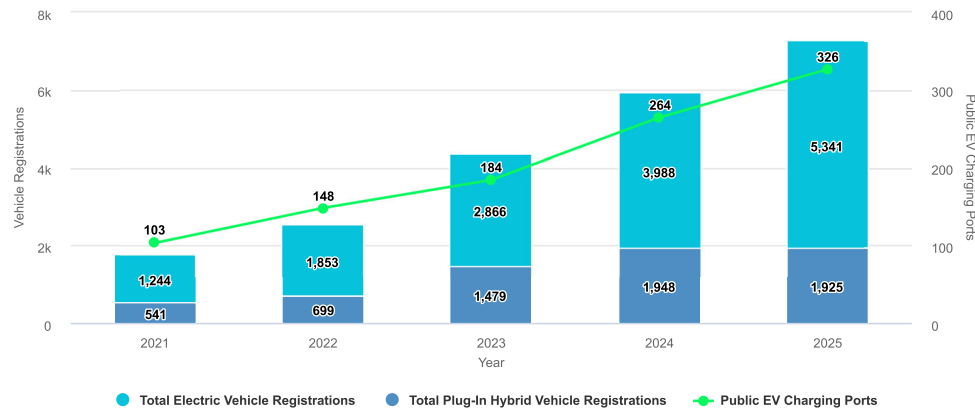
Next Steps: Implementation of fleet electrification, EV charger projects on city property, grant participation, and community engagement is ongoing.

Equity: The plan includes actions to develop requirements for publicly accessible electric vehicle charging stations and establish locations for grant-sponsored stations on City property to serve residents that do not have easy access to home charging. Streamlining permitting reduces burdens on under-resourced applicants.

Metric: In Montgomery County, electric vehicles and plug-in hybrids account for **4.8%** of all registered light-duty vehicles. In Rockville zip codes, the number of electric vehicles and plug-in hybrids has grown from 5,936 to 7,266, more than quadruple in 4 years. Electric vehicle chargers open to the public grew from 264 to 326. Public chargers included in the count does not include restricted access chargers at private residences, for fleets, residents, or employees, so the actual count of total chargers is much higher.

(C-11) Electric Vehicles and Charging Stations

Electric Vehicle Registrations and Public EV Charging Ports in Rockville Zip Codes



Quantities are cumulative.

MD MDOT/MVA Electric and Plug-in Hybrid Vehicle Registrations by main Rockville Zip Codes (20580, 20851, 20852). <https://opendata.maryland.gov/Transportation/MD-MDOT-MVA-Electric-and-Plug-in-Hybrid-Vehicle-Registrations/>
 Public EV charging ports (<https://chargehub.com/en/countries/united-states/maryland/rockville.html>)

Community - 12

Require new developments and redevelopments to be electric vehicle-ready.

Progress Highlights: Green and energy building code amendments to the International Energy Conservation Code and other base building codes were adopted in May and went into effect December 1, 2024 (see Community - 03). Amendments require a percentage of parking spaces in commercial developments and redevelopments to have EV chargers installed, have electrical capacity and wiring to enable quick expansion of charging if/when needed (EV charger-ready), and enable longer term increases in chargers if needed (EV-capable) to provide a flexible way to expand existing stations for visitors and residents. Emphasis is placed on residential charging followed by workplace and visitor charging. The following provides a simplified overview of the base percentage of parking spaces within a newly constructed or renovated parking lot that need to meet each EV readiness category by building occupancy type. There are several exceptions, reductions and specific conditions detailed in the full city code listed online.

- Parking lots serving most new/renovated commercial buildings must install 2% of parking spaces with Level 2 chargers, and 8% with EV-ready wiring (to enable quick and lower-cost expansion if needed).
- Parking lots serving multi-unit apartments, condominiums, hotels/motels must include EV chargers installed in 10% of parking spaces and EV-ready wiring in 10% of spaces.

Next Steps: Implementation and enforcement of the codes and monitoring over time to determine if changes are warranted in the next building code update cycle which occurs every three years. The Zoning Code Rewrite was launched in 2023. Electric vehicle charging considerations will need to be included consistent with the EV Readiness Plan recommendations.

Equity: Publicly accessible charging stations and chargers that are available to multi-family residents benefit those who do not have garages and driveways, including low-income residents and those without designated parking spaces. New federal electric vehicle discounts for used EVs and lowered maintenance and fueling costs assist drivers with lower means to access clean fuel transportation.

Community - 13

Promote a regional electric vehicle purchasing cooperative (EVPC).

Progress Highlights: First launched in 2022, the Montgomery County EV Purchasing Co-op (EVPC) continues to work with local dealerships to provide incentives and discounts that will save residents money to purchase or lease new and pre-owned electric vehicles (EVs). In 2025, local dealers participated in the program to provide monthly incentives, which include incentives for purchase, leases, and charging. Rockville continued to promote the program and the monthly EV Purchasing Co-op newsletter.

Action 1.3.5 Institutionalized Progress 80%

Community - 14

Expand active transportation and shared micro-mobility network by implementing improvements in the Bicycle Master Plan and Vision Zero Plan.

Progress Highlights: Implementation of the Bicycle Master Plan and Vision Zero Plan are tracked as a separate initiative. More information is available on the [Vision Zero project page](#) and the [Vision Zero dashboard](#) which reports 80% of the actions are complete.

Public Works continues to evaluate sidewalk gaps and built 5 new sidewalk segments in 2025 totaling approximately 2,900 linear feet. Public Works is currently designing five more sidewalk segments for construction in the upcoming fiscal years. Moreover, Public Works has begun to prepare a sidewalk gap inventory, which will be used in conjunction with the sidewalk gap prioritization, and helps assess the cost and level of effort to construct each gap city-wide. Public Works has also developed a process to identify ADA non-compliant curb ramps and driveway aprons through the ongoing concrete rehabilitation program. When non-compliant ramps or aprons are identified, they are reconstructed during the roadway repairs. In 2025, Public Works replaced 211 curb ramps and 625 driveway aprons. New sidewalks and ADA-compliant sidewalks help increase access to transit facilities in Rockville.

Public Works also constructed several traffic calming devices and new crosswalks in Rockville. These included high-visibility crosswalks, a raised crossing, curb extensions, and pedestrian refuge medians. Traffic calming improvements and crosswalks help encourage motorists to travel at posted speed and more safely through neighborhoods.

Public works currently working to design complete street facilities along N. Stonestreet Avenue and Park Road.

Next Steps: Public Works is preparing to undertake a Vision Zero intersection safety audit for 30 intersections in the City. These audits will identify possible safety concerns and propose potential solutions. Additionally, Public Works will soon start a study to evaluate a pedestrian and bicycle bridge across the railroad tracks in the Twinbrook neighborhood. This project will identify feasible crossing locations and whether those locations would result in a positive benefit-cost ratio. Lastly, there are two shared use path projects in Rockville that will soon begin design; the Fleet and Monroe Complete Streets, and the Scott-Veirs Drive Shared use path. These projects will further extend the City's separated pedestrian and bicycle network and connect it to Transit.

Equity: Public transportation provides mobility options and access to everyone in Rockville and serves several marginalized groups including low-income, elderly, youth, and people with disabilities, as well as those who do not have access to an automobile or cannot drive because of cost, age, or physical ability. Public transportation also produces fewer impacts to the environment compared to privately owned automobiles, including transportation related emissions, noise, and vibration which are frequently felt most directly in disadvantaged communities. Improvements to, and additions of, pedestrian and bicycle infrastructure not only help residents and visitors better access transit more safely, conveniently, and directly, but also increase opportunity to for pedestrian and bicycle transportation modes to supplement transit used and reduce automobile dependency.

Action 1.3.6 Completed Progress 100%

Community - 15

Adopt and implement a Pedestrian Master Plan.

Progress Highlights: The Mayor and Council adopted Rockville's first [Pedestrian Master Plan](#) in October 2023, which is tracked separately, through the [Vision Zero dashboard](#) and the [Comprehensive Plan dashboard](#) for transportation element.

Action 1.3.7 In-Progress Progress 68%

Municipal - 06

Convert the City fleet to cleaner and more efficient fuel sources.

Progress Highlights: The Mayor and Council adopted Resolution 02-22 to transition the city's on-road fleet to cleaner, more efficient vehicles. Since the adoption of the resolution, all leased vehicles up for replacement are evaluated for electric conversion with the exception of police vehicles or those used in snow/ice operations that must be available 24-hours per day. In 2025, the Maryland Energy Administration (MEA) awarded a Medium-Duty and Heavy-Duty Zero-Emission Vehicle Grant to Rockville to be applied to the purchase of two Electric Senior Shuttle Buses across 2026 and 2027. The total number of vehicles currently leased in 2025 was 164 out of 207. Of the 187 vehicles scheduled for the lease program, approximately 70 are currently suitable for electrification (37%). Other vehicles that are purchased by the City, including heavy-duty vehicles, dump trucks and refuse trucks currently do not have electrified models available on the market that suit the vehicle's duty cycle. When those purchases are made, the Fleet Manager investigates available options and includes an explanation in the staff report as to feasibility of the conversion to an electrified model.

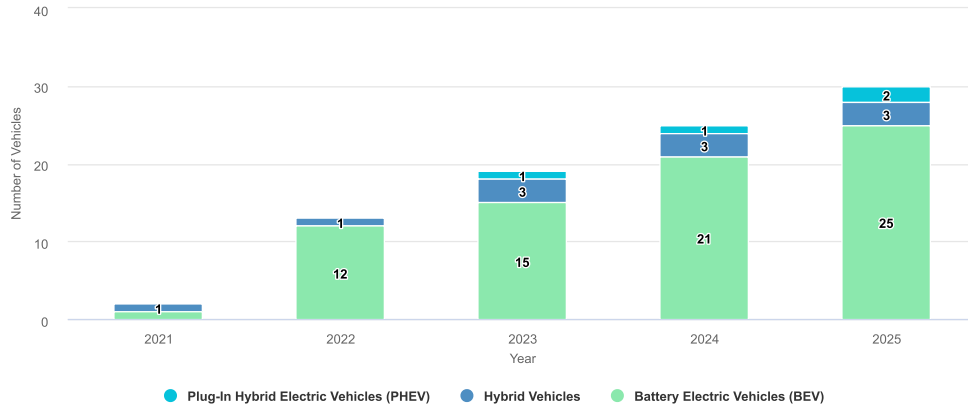
Issues: Staff continues to coordinate the planning and installation of EV charging infrastructure with the vehicle replacement cycle. Work continues to award contracts, amend site plans, and obtain permits for the installation of electric vehicle charging stations to serve fleet at Recreation Services, 6 Taft Court and the Rothgeb Maintenance Facility (see M-07).

Next Steps: The city will continue electric vehicle replacements for Phase 1 Light Duty - FY 2026 and FY 2027 leases, install EV charging stations to serve the fleet, and monitor bus and heavy-duty opportunities and charging infrastructure needs. The city will continue to monitor opportunities to move towards the goal of electrifying more of the total fleet as more options become available.

Metric: In 2025, the city fleet included 25 battery electric vehicles (BEV), 2 plug-in hybrid electric vehicle (PHEV), and 3 hybrid vehicles. Of the 70 leased vehicles currently suitable for electrification, currently 38% (up from 31% in 2024) have been converted to an electric version (BEV or PHEV). As the City's fleet electrification is ongoing and the majority of fuel is used by vehicles serving the police, refuse and snow/ice operations, a significant reduction in gasoline and diesel consumption has not yet been realized. Many factors influence total fuel consumption, including the number of snow and ice events occurring per year and the use of diesel fuel consumption for heavy duty operations. One measure to assess total fuel consumption is Gasoline Gallon Equivalents (GGE), this metric can be used to determine the amount of energy produced by alternative fuels as they compare to the energy produced by one gallon of gasoline (114,100 BTUs). GGE includes fleet's use of gasoline, diesel and electricity. Using fuel energy equivalents provides a comparison tool for gauging the consumption of various fuels based on an energy equivalent basis.

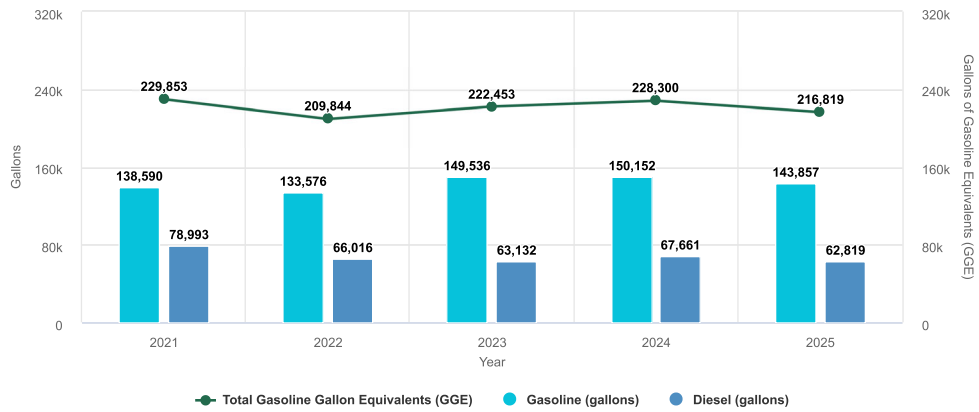
(M-06) Rockville Fleet

Rockville Fleet - Alternative Fueled Vehicles



(M-06) Fleet Fuel

Fleet Fuel Usage



Gasoline Gallon Equivalents (GGE) provides a comparison tool for gauging the consumption of various fuels (e.g., gasoline, diesel and electricity) based on an energy equivalent basis.

Municipal - 07

Establish a new Capital Improvement Project to expand electric vehicle charging infrastructure on City property to serve employees, fleet and the community.

Progress Highlights: The Electric Vehicle Infrastructure CIP (GA23) strategically plans, designs and installs charging station ports at city facilities and rights-of-way in coordination with the fleet electric vehicle acquisition and replacement cycle and Rockville's Electrical Vehicle Readiness Plan. The project expands the network of electrical vehicle charging infrastructure on city property to serve the fleet and potentially employees and the community. Phase 1 involves the purchase and installation of charging infrastructure to serve light duty fleet as aligned with the vehicle replacement schedules. Phase II involves planning for heavy duty fleet, such as buses and refuse, as available models come on the market that meet duty cycles. In support of Phase 1, nine Level 2 ports are installed at City Hall, two Level 2 ports are installed at the Rothgeb Maintenance facility, one Level 2 port is installed at the Police Station, and one portable Level 2 charger is available at the Water Treatment Plant. In 2025, staff installed ports at City Hall and the Police Station. Staff also coordinated with contractors for designs and cost estimates to expand charging infrastructure to serve, Recreation Services Building, 6 Taft Court and the Rothgeb Maintenance Facility. The city continued to explore grants and partnerships to expand community charging and was awarded several, as described below.

Issues: The Charging and Fueling Infrastructure (CFI) Discretionary Grant, under the Infrastructure Investment and Jobs Act, was put on hold in 2025 resulting in delay of the previously planned 6 port public DCFC stations installation at the Swim and Fitness Center. The next phase of EV charging station installation requires a mixture of technical site assessments, right-of-way agreements, minor site plan amendments, electric infrastructure upgrades, and changes to parking configurations to support charging accessibility. Time is needed to assess, plan, design, capture permit approval, and install the stations.

Grants: The city is strategically planning to take advantage of outside funding or the third-party provision of charging infrastructure to reduce installation and operational costs.

- Pepco Rebates: Rockville participated in Pepco's EVSmart Fleet program and was awarded a \$22,461 rebate for 6 fleet charging station ports installed at City Hall in 2025 and will receive an additional rebate once the 4 port Recreation Services Complex project is completed.
- Maryland Energy Administration (MEA) Grants and Rebates: The City received a \$15,000 rebate from MEA for the 6 fleet charging station ports installed at City Hall. \$48,000 in grants from MEA's Smart Energy Community Clean Energy for Local Governments (CELG) program will be utilized to install 4 fleet charging station ports at Recreation Services Complex and 5 mixed use (Fleet and Public) ports at 6 Taft.
- Maryland NEVI Program Round 2 Grant: On October 28, 2025, the Maryland Department of Transportation (MDOT) issued a press release to announce conditional awards under Round 2 of the National Electric Vehicle Infrastructure (NEVI) Program. Conditional awards have been issued for 12 project sites in 12 counties within Maryland. These projects will use over \$9.5 million in federal investments to install 48 public, convenient, and reliable Direct Current Fast Charging (DCFC) stations along the state's designated EV Alternative Fuel Corridors. Swift efforts by staff to repurpose documentation previously developed for the cancelled Charging and Fueling Infrastructure (CFI) Discretionary Grant, led to Rockville Swim and Fitness Center's selection as one of the NEVI 2.0 project sites. The Swim and Fitness Center would receive 4 public DCFC ports (up to a \$787,807 value) through a partnership with Francis Energy, who will manage the grant and design, install and operate the stations.
- Maryland's IJJA-funded Carbon Reduction Program Grant: Montgomery County and the City progressed with site assessments and draft RFP development for up to 28 grant funded public charging station ports on City property and rights-of-way. After the County's RFP is posted, and a lease agreement with the City is approved, design and installation can proceed.

Next Steps: Continue to design and install EV charging stations to serve light duty fleet replacements planned at 6 Taft Court, Rothgeb Maintenance Facility, and Recreations Services. Staff will continue to implement the plan and monitor additional opportunities to apply for funding for future needs when projects align with funding requirements and schedules.

Equity: As grant opportunities arise, the city will continue to submit sites or right-of-way (ROW) locations to support charging opportunities for underserved communities (see also Community - 11).

Metric: The table summarizes the locations and status of electric vehicle charging infrastructure planned at city facilities and rights-of-way. Staff will continue to assess charging station needs and locations.

(M-07) Table of Electric Vehicle Charging Stations on City Property

Location	EV Charger Type	Ports	Service Type	Status	Location Type
City Hall	Level 2	3	Fleet	Complete	Facility/Park
Rothgeb Maintenance Facility	Level 2	2	Fleet	Complete	Facility/Park
Rothgeb Maintenance Facility	Level 1 - Portable	1	Fleet	Complete	Facility/Park
Water Treatment Plant	Level 1 - Portable	1	Fleet	Complete	Facility/Park
Thomas Farm Community Center	Level 2	2	Public (Pepco)	Complete	Facility/Park
Thomas Farm Community Center	Level 3 - DC Fast Charger	2	Public (Pepco)	Complete	Facility/Park
City Hall (Vinson Street)	Level 2	2	Public (Pepco)	Complete	Right-of-Way
Falls Grove (Prettyman Drive)	Level 2	3	Public (Pepco)	Complete	Right-of-Way
Twinbrook Station (Bouic St)	Level 2	4	Public (Pepco)	Complete	Right-of-Way
Mattie Stepanek Park	Level 2	4	Public (Pepco)	Complete	Facility/Park
Police Station	Level 2	1	Fleet	Complete	Facility/Park
City Hall	Level 2	6	Fleet	Complete	Facility/Park
Recreation Services Building	Level 2	4	Fleet	Design	Facility/Park
6 Taft Court	Level 2	5	Public (Rockville)	Design	Facility/Park
Rothgeb Maintenance Facility	Level 2	2	Fleet	Feasibility	Facility/Park
Swim and Fitness Center	Level 3 - DC Fast Charger	4	Public (Other Vendor)	Planning	Facility/Park
Senior Center	Level 2	4	Public (Other Vendor)	Planning	Facility/Park
Civic Center Park	Level 2	4	Public (Other Vendor)	Planning	Facility/Park
Elwood Smith Community Center	Level 2	4	Public (Other Vendor)	Planning	Facility/Park
Congressional Ln ROW	Level 2	4	Public (Other Vendor)	Planning	Right-of-Way
Charles St/McArthur Dr ROW	Level 2	4	Public (Other Vendor)	Planning	Right-of-Way
College Pkwy/Yale Pl ROW	Level 2	4	Public (Other Vendor)	Planning	Right-of-Way
David Skull Park/1st St ROW (RHE)	Level 2	4	Public (Other Vendor)	Planning	Right-of-Way

Action 1.3.9 Institutionalized Progress 50%

Municipal - 08

Update City teleworking and transportation benefit policies to encourage City employees to reduce vehicle miles traveled (VMT).

Progress Highlights: Continued implementing the telework policy and request form. Pepco completed the installation of charging stations at Thomas Farm Community Center and in the right-of-way along Vinson Street that are available to the public and employees to charge, as part of the Pepco Public Charging Network.

Next Steps: Explore additional steps to reduce emissions from employee commutes, such as advanced incentives or benefits for cleaner transportation choices. Additional public chargers are being planned for 6 Taft Court, Swim and Fitness Center, Senior Center and Rothgeb Maintenance Facility.

Category 1.4 Progress 58%

Land Management

Maximize the economic and social benefits of land while maintaining or enhancing natural systems and ecological health to ensure resiliency.

Action: 4

	%	#
Institutionalized	50	2
In-Progress	25	1
Completed	25	1

Action 1.4.1 Institutionalized Progress 58%

Community - 16

Implement the Comprehensive Plan to steer the densest development/ redevelopment to mixed-use, transit-served locations, reduce VMT and emissions, and conserve/restore environmental areas.

Progress Highlights: Implementation of the Comprehensive Plan is tracked as a separate plan. See <https://performance.envivio.com/dashboard/rockvillemd3021> for details.

Action 1.4.2 Institutionalized Progress 50%

Community - 17

Expand education and incentives to support tree planting and maintenance, environmentally friendly landscape conversions, and management of non-native invasive plants on private property.

Progress Highlights: In 2025, the city continued the Stormwater Incentive Program, a comprehensive program with a total budget of \$300,000 that allocates funds for the [RainScapes Program](#), [Flood Mitigation Assistance Program](#), and competitive water quality grants program in partnership with the Chesapeake Bay Trust. By implementing this innovative and broader funding strategy and leveraging the expertise of the Trust to manage and administer these incentive programs, the city is better able to meet the growing demand for environmentally friendly landscape incentives on private property. The city also collaborated with community volunteers to promote environmentally friendly landscapes and management of non-native invasive species, highlights include:

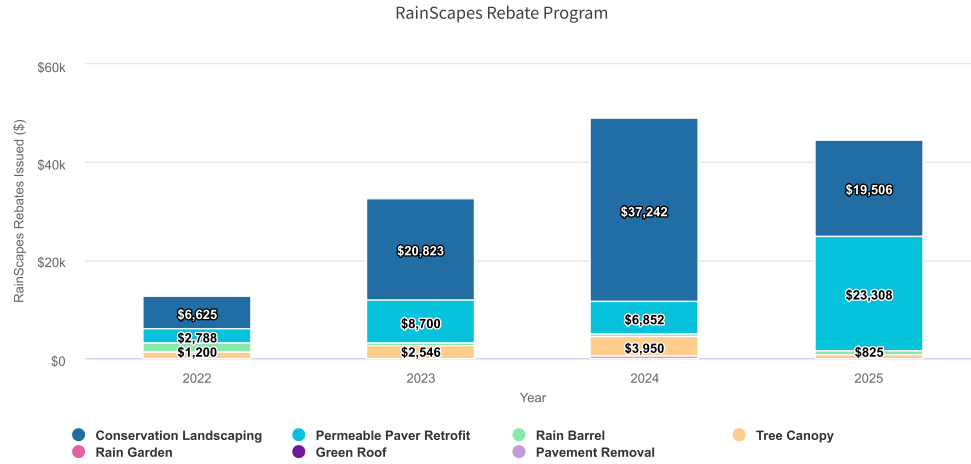
- In 2025, the RainScapes Program issued \$44,539 in rebates to support 29 tree canopy, rain barrel, conservation landscaping, and permeable pavement projects at 24 properties.
- Three grant applications were selected to receive a total of \$99,159 in grant funds through the city's competitive watershed grants partnership with the Chesapeake Bay Trust. The Interfaith Partners for the Chesapeake was awarded \$30,073 to expand their engagement of faith-based communities located in the City in reducing stormwater pollution and promoting sustainable practices on private property. The Izaak Walton League of America was awarded \$26,985 to continue the Salt Watch citizen science and outreach program in Rockville and expand road salt pollution training to salt applicators in the city. The University of Maryland Environmental Finance Center was awarded \$42,101 to support Rockville HOAs, civic associations, and community associations in developing sustainable action plans.
- The city distributed 400 native trees at the annual Fall Tree Giveaway, gave away 100 wildflower seeds at community events, sold 915 native plants at the annual native plant sale at Croydon Creek Nature Center, hosted two native garden tours attended by 49 people, and hosted a hybrid virtual and in person information session on RainScapes and flood prevention rebates attended by 30 people.
- The city achieved Community Wildlife Habitat Recertification through the National Wildlife Foundation that included 9 homes newly certified as Wildlife Habitats. The city earned 83 recertification points, nearly triple the 30 points required.

Next Steps: Staff will continue to promote environmentally friendly landscaping through incentives programs, giveaways, and Climate Solutions education sessions.

Equity: The Competitive Water Quality grant program provides up-front funding to expand or launch water quality restoration and outreach projects within the city. This helps reduce the cost barriers and build capacity in local organizations to deliver programs to residents.

Metric: RainScapes rebates are tracked by the Chesapeake Bay Trust. Eligible properties include single-family and townhome residences, homeowners' associations and other nonprofits.

(C-17) RainScapes Rebates



Properties may receive up to \$5,000 in rebates to implement small-scale stormwater projects to reduce pollution and runoff. Eligible projects include conservation landscaping, permeable paver retrofit, rain barrel, tree canopy, rain garden, green roof, and pavement removal.

Action 1.4.3 In-Progress Progress 22%

Municipal-09

Develop a Green Space Management Plan for public lands to assess and restore trees, forests, meadows, stream valleys and wetlands.

Progress Highlights: Rockville owns and maintains more than 1,100 acres of parkland, including approximately 765 acres of tree canopy. Parkland uses vary from actively maintained ball fields, playgrounds, community gardens, and landscaped parks to passively managed forests, stream corridors, meadows and wetlands.

The FY 2026 adopted budget commits \$280,000 for consulting support to develop a Green Space Management Plan, a collaborative initiative between the Departments of Public Works and Recreation and Parks. The plan supports the Climate Action Plan, Comprehensive Plan, and the Recreation and Parks Strategic Plan and is needed to create a strategic approach for the effective deployment of resources in city green spaces to mitigate the negative impacts of non-native invasive species and climate change. Elements of the plan are anticipated to include a coordinated community engagement campaign, an environmental inventory and GIS analysis to evaluate and map existing plant communities and habitat, a habitat vulnerability assessment, equity assessment, non-native invasive plant management strategy, forest stewardship and habitat restoration strategy, and maintenance and restoration resource recommendations.

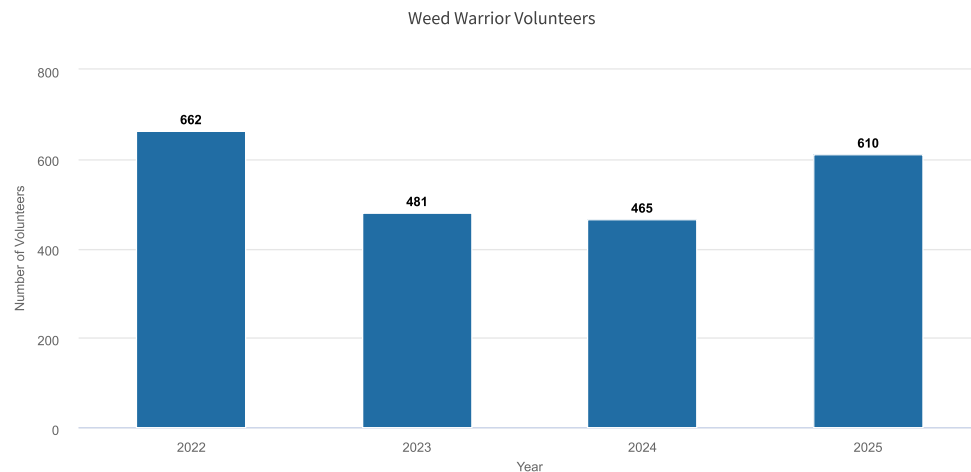
Grant: The city was awarded a \$1.5 million grant from the Maryland Department of Natural Resources' Land and Water Conservation Fund to support investments in RedGate Park and Arboretum. Also in 2025, the city utilized funding awarded by the Chesapeake Bay Trust in 2024 to plant 859 trees in the southern section of RedGate Park and Arboretum. These funds helped to address the reforestation and arboretum components of the RedGate Park Master Plan. Approximately 29 acres of new forest is included in the Habitat Areas Plan, primarily along the southern, eastern, and northern perimeters of the park where it can most effectively connect existing (but fragmented) forest stands, fill gaps in the forest habitat, and increase riparian buffers along drainage systems. The new forest will also help connect the natural habitats of RedGate Park with forested areas associated with the adjacent Rock Creek Regional Park to the west and with Croydon Creek Nature Center/John G. Hayes Forest Preserve to the south.

Next Steps: Develop a Request for Proposals for consulting services to develop the Green Space Management Plan and award contract, continue to manage the Weed Warrior Volunteer Program and maintain the RedGate reforestation project.

Metrics: Highlights of planting and management practices from 2025 include:

- Planted 859 trees and shrubs in the northern section of RedGate Park and Arboretum.
- Planted 298 street trees and 120 trees in other city parks.
- Rockville Weed Warrior Program engaged 610 volunteers to remove non-native invasive plants from Rockville parks, including a city-wide event that engaged over 130 volunteers in removing 50 bags of non-native invasive garlic mustard from 11 city parks.

(M-09) Weed Warrior Volunteers



Action 1.4.4 Completed Progress 100%

Future Monitoring - 03

Monitor opportunities to reduce air and noise pollution from leaf blowers and yard equipment.

Progress Highlights: Montgomery County Bill 18-22, Noise Control- Leaf Removal Equipment - Amendments, applies in the City of Rockville and is enforced by Montgomery County Department of Environmental Protection (DEP) as part of the noise ordinance. The bill prohibited the sale (starting July 1, 2024) and use (starting July 1, 2025) of handheld, backpack, and walk-behind gas-powered leaf blowers and leaf vacuums. To aid in the transition, Montgomery County created an [electric leaf blower rebate program](#) for businesses and residents with Montgomery County addresses. In 2025, the city transitioned landscaping equipment and contracts to comply with the new legislation. This includes the purchase of electric leaf blowers, batteries, charging stations and an electric charging landscape trailer.

Next Steps: The city will continue to coordinate with Montgomery County to help inform the community about the leaf blower legislation and available incentives through the Environment & Sustainability Newsletter, Rockville Reports, and social media.

Equity: Montgomery County's rebate program help offset the potential financial burden of converting from gas-powered leaf blowers to electric leaf blowers for residents and landscaping companies.

Category 1.5 Progress 33%

Materials and Waste

Manage solid waste by reducing, reusing, recycling, composting, and sustainable purchasing.

Action: 3

	%	#
Institutionalized	67	2
Upcoming	33	1

Action 1.5.1 Institutionalized Progress 50%

Community - 18

Develop a food waste composting program for residents.

Progress Highlights: Rockville expanded the [food scraps compost program](#) to include four drop-off sites to make composting easy, keep valuable materials out of landfills, and reduce excessive greenhouse gas emissions. The following sites are accessible 24/7 and the service is free of charge to Rockville residents:

- Rothgeb Maintenance Facility (14625 Rothgeb Drive)
- Senior Center (1150 Carnation Drive)
- Twinbrook Community Recreation Center (12920 Twinbrook Parkway)
- Potomac Woods Park (1380 Stratton Drive)

The drop-off station at Potomac Woods Park opened November 2025.

Issues: Rockville does not currently have access to a local commercial compost facility that processes food scraps. Montgomery County only accepts yard waste at the Transfer Station for composting. Therefore, the city uses a private contractor to transport the food scraps from the drop-off sites to the Prince George's County compost facility. Due to the high costs of collection and transportation and infrastructure limitations, curbside compost collections are currently not financially feasible. Therefore, the City has first pursued the drop-off model to gauge overall community interest, begin education on this waste diversion opportunity, and build a market for more local commercial food waste compost opportunities.

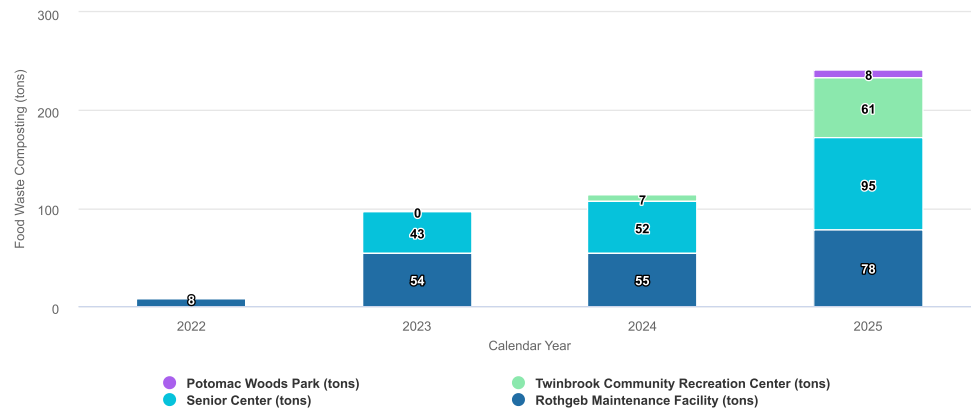
Next Steps: To close the loop on organic waste, residents will have the option to purchase bagged compost from the program at Croydon Creek Nature Center's Native Plant Sale in May of 2026. Continue to operate drop-off stations and monitor the growth of food waste composting infrastructure and service opportunities.

Equity: Unlike curbside collections that would only serve single-unit attached and detached homes, the drop-off station model is open to all Rockville residents that live in multi-unit or single-unit homes.

Metric: The four drop-off stations composted a total of 242 tons of food scraps in 2025 (112% increase from 2024).

(C-18) Food Waste Composting

Food Waste Composting (tons)



Food waste compost drop-off stations opened at the Rothgeb Maintenance Facility in October of 2022, the Senior Center in April of 2023, Twinbrook Community and Recreation Center in November of 2024, and Potomac Woods Park in November of 2025.

Community - 19

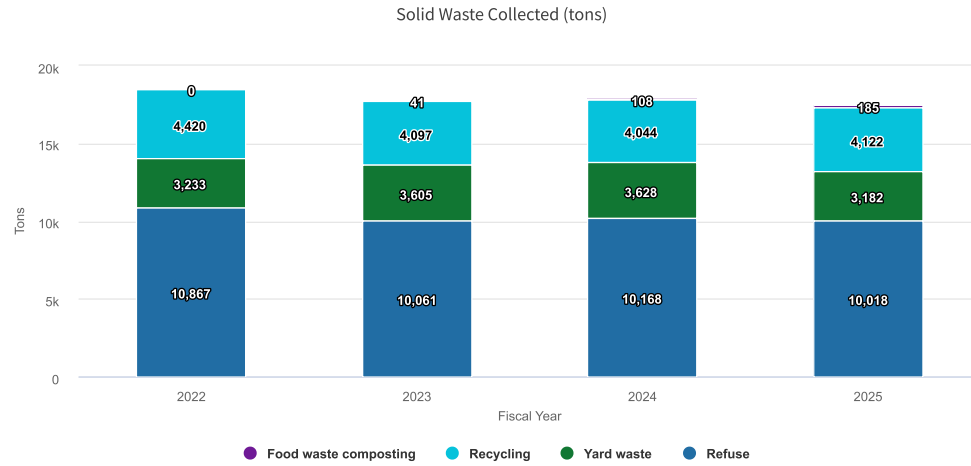
Expand residential recycling and waste reduction outreach program to increase compliance and waste diversion.

Progress Highlights: On November 10, 2025, the Mayor and Council adopted an ordinance to opt in to the plastic bag ban section of the County's Bring Your Own Bag bill to reduce single-use plastic bags and plastic waste in waterways. The ban applies to most retail purchases, with exceptions, and went into effect on January 1, 2026. Staff coordinated with Montgomery County Department of Environmental Protection (DEP) on outreach in Rockville Reports, social media and in-person events. DEP provided 500 reusable bags to be distributed to residents at centralized locations, such as City Hall, the Senior Center, community centers and other special events. Staff also distributed multilingual recycling education postcards and included recycling tips in Rockville Reports, social media and the Public Works Equipment Show.

Next Steps: Continue to target recycling outreach to homes with reported recycling compliance issues.

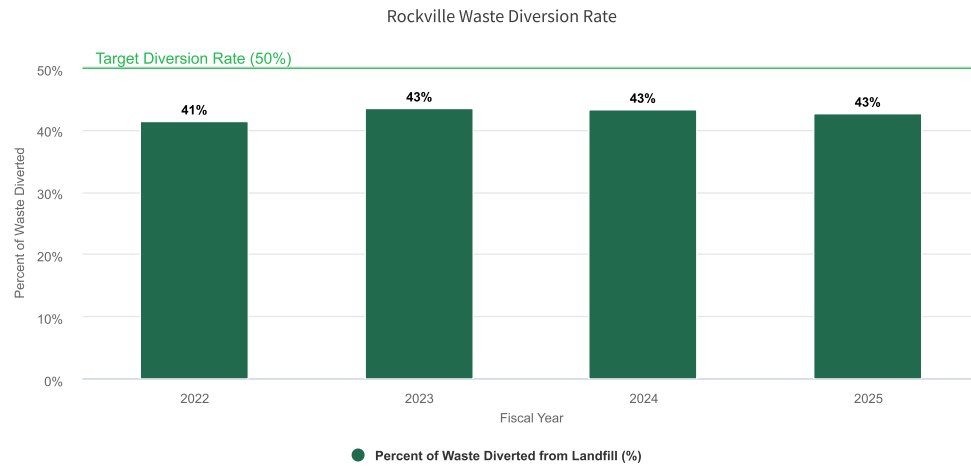
Metric: The percent of waste recycled/diverted from the landfill remained at 43% in 2025. Diversion includes single stream recycling, yard waste and leaf collection composting, food scrap composting, electronics recycling, and bulk metal recycling. The metric reflects City of Rockville collections from single-family homes and most townhouses; it does not include commercial or multi-unit properties.

(C-19) Solid Waste Collected



Includes City of Rockville collections from single family detached and attached homes and some facilities (does not include commercial or multiunit properties).

(C-19) Waste Diversion Rate



Percent of waste diverted from the landfill; includes single stream recycling, yard waste and leaf collection composting, food scraps composting, electronics recycling, and bulk metal recycling.

Municipal - 10

Develop a City sustainable procurement policy.

Progress Highlights: While the city has evaluated and improved many purchasing policies, the development of a sustainable procurement policy is still pending. The City hired a new procurement position that will be focusing on sustainable procurement part time

Goal 2 Progress 59%

RESILIENCY

Improve the capacity of our community, homes, businesses, and natural environment to prevent, withstand, respond to, and recover from climate change impacts such as rising temperatures, more frequent and intense heat waves, heavy rainfall, and severe storms.

Category: 2 Action: 9

		%	#
●	Institutionalized	33	3
●	In-Progress	67	6

Category 2.1 Progress 54%

Flood Resiliency

Reduce vulnerability and enhance flood resiliency.

Action: 3

		%	#
●	In-Progress	100	3

Action 2.1.1 In-Progress Progress 57%

Community - 21

Partner with Federal Emergency Management Agency (FEMA) to update the Flood Insurance Rate Maps (100-year floodplain maps) used to implement the National Flood Insurance Program.

Progress Highlights: Staff coordinated with FEMA and provided assistance to residents on the appeal process for the FEMA [Flood Insurance Rate Map \(FIRM\) update](#). One appeal application was submitted by a Rockville property owner during the appeal period that began on Jan. 17, 2025 and closed on April 17, 2025. This appeal period provided property owners with the opportunity to review and provide feedback on the preliminary flood hazard maps. Staff began updates to the Floodplain Management ordinance (Chapter 10) of the city code to meet the requirements to participate in the National Flood Insurance Program and enhance floodplain management.

Next Steps: The preliminary FEMA Flood Insurance Rate Maps are expected to become effective in 2026. Staff will continue working on updates to update the Floodplain Management ordinance (Chapter 10) of the city code to meet the requirements to participate in the National Flood Insurance Program (NFIP) and enhance floodplain management.

Equity: Participation in the National Flood Insurance Program (NFIP) advances equity in Rockville by improving access to affordable flood insurance, reducing financial risk for vulnerable populations, and supporting safer development in flood-prone areas across the city.

Action 2.1.2 In-Progress Progress 58%

Municipal - 12

Advocate for state and federal authorities to update stormwater infrastructure design, operations and maintenance standards to accommodate new rainfall/ storm event projections and help reduce projected flooding issues.

Progress Highlights: To address how climate change is impacting Maryland's rainfall patterns, stormwater runoff and urban flooding, the Maryland General Assembly enacted 2021 Senate Bill 227. The Bill tasks the Maryland Department of the Environment (MDE) with developing plans to evaluate current flood risks and update regulations to improve urban stormwater and flood management. MDE worked with a stakeholder advisory group and the public on the [Advancing Stormwater Resiliency in Maryland \(A-StoRM\) initiative](#). A-StoRM looks to update Maryland stormwater regulations to incorporate recent precipitation data more effectively and to address urban flooding events. Rockville engineering staff participated in stakeholder advisory group meetings.

MDE invited public comments for the Advanced Notice of Proposed Rulemaking to update Maryland's stormwater regulations and the Maryland Stormwater Design Manual from September 2025 through February 2026.

Next Steps: Public Works submitted comments in 2026 and will monitor the regulatory update. MDE anticipates the proposed regulations will be published in the Maryland Register in Spring 2026. Following formal notice, comment and review, MDE anticipates adopting the final regulations in Fall 2026. Following adoption, local municipal and county ordinances would need to be updated with the new regulations. MDE will provide a Model Ordinance, updated Design Manual, and examples to help local governments in updating their ordinances.

Municipal - 13

Assess Rockville's risk of flooding and develop a Flood Resiliency Master Plan to reduce or mitigate flooding impacts.

Progress Highlights: In 2025, the City's consultant completed data collection and field surveys for the [Flood Resiliency Master Plan \(FRMP\)](#) and began developing a flooding model to depict both existing and projected flooding conditions in Rockville. Field survey, model refinement and calibration of the model are ongoing, with completion of the draft existing conditions model expected in late 2026. Staff also completed the first phase of the stakeholder engagement for the FRMP. Engagement began in August 2025 with the launch of the project website at engagerockville.com/floodplan that features an interactive flooding map and a survey to collect resident experiences, concerns, and priorities. Highlights of outreach and engagement activities include:

- In-person outreach tables at five neighborhoods during National Night Out.
- Two community flooding open houses, one in-person and one virtual, engaging 43 residents.
- 52 survey submissions and 21 pins on the interactive flooding map.
- 2,212 mailed postcards to properties identified as having increased flood risk.
- 233 direct emails to residents who previously reported flooding.
- Posters and flyers at 13 community centers, coverage in Rockville Reports, social media posts and promotion through various city email newsletters.
- Direct outreach to City boards and commissions.
- Ongoing coordination with Montgomery County's Comprehensive Flood Management Plan including sharing city data for the Rock Creek and Cabin John watersheds.

Additionally, the United States Army Corps of Engineers (USACE) Planning Assistance to States (PAS) program provided preliminary flooding models for two subwatersheds (Twinbrook and Congressional Towers). These models are currently being refined based on City feedback.

Next Steps: The FRMP consultant will continue refinement of the flood modeling and develop projections for various climate scenarios. Staff and the consultant will begin implementation of the second phase of stakeholder engagement to share flood model results and gather resident feedback in fall 2026. The final USACE models, which will be incorporated into the FRMP, are expected in 2026.

Equity: Engagement efforts included direct outreach to residents in areas most at risk of flooding which includes many properties located in Equity Focus Areas designated by Montgomery County. Mailed postcards and flyers were provided in multiple languages. Both in-person and virtual open houses were offered to ensure participation was accessible for residents with different schedules, mobility needs, or technological access. The online flooding survey collects both residents' flooding experiences and optional demographic information to highlight where risk and vulnerability overlap. Questions about impacts, priorities, and how people heard about the survey help identify populations that may be disproportionately affected or underrepresented.

Grants: The Flood Resiliency Master Plan was awarded a \$75,000 grant from Maryland Department of Natural Resources, \$179,000 in technical support from Army Corps of Engineers (50 percent cost-share) and \$700,000 for Flood Mitigation Assistance Grant from FEMA.

Community Resiliency

Reduce vulnerability and enhance community resiliency.

Action: 6

	%	#
● Institutionalized	50	3
● In-Progress	50	3

Community - 20

Incorporate climate resilient building and infrastructure design features in new buildings and retrofits.

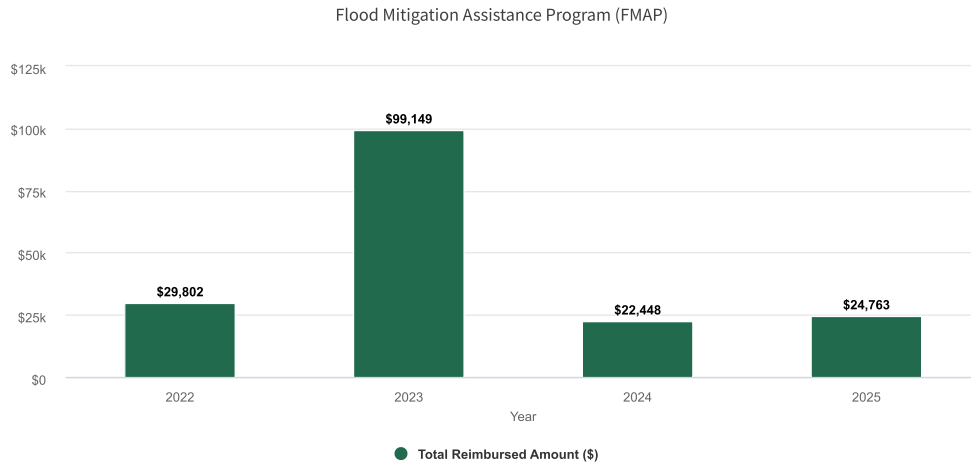
Progress Highlights: In 2025, Rockville continued partnering with the Chesapeake Bay Trust to administer the city's [Flood Mitigation Assistance Program \(FMAP\)](#). The program is part of the city's comprehensive Stormwater Incentive Program that also includes the RainScapes rebates and competitive water quality grants. FMAP provides up to 50% of the total costs for approved flood mitigation measures, up to a maximum amount of \$5,000 per property. Reimbursements are open to both residential and commercial properties, as well as homeowner associations and condominium associations to help promote community flood resiliency. Examples of approved practices include custom window wells, quick dams, sump pumps with battery backup, utility protection, basement floodproofing, and surface drainage improvements. Other program highlights include:

- *Montgomery County Green Bank Flood Resilience Partnership.* The city partnered with the Montgomery County Green Bank and the Chesapeake Bay Trust Community Based Organization-Capacity Building Initiative (CBO-CBI) to implement a flood resiliency assistance program for Rockville residents. Two contractors were selected to engage Rockville property owners in flood resiliency projects, provide technical assistance in evaluating and designing flooding solutions, and support property owners with applying for reimbursements, grants, and other financial assistance. The program prioritizes assistance to low-to-moderate income residents, homeowners' associations and individual properties with a high risk of flooding and will continue in 2026.

Next Steps: Continue to implement the Flood Mitigation Assistance Program and monitor trends. Consider flood resiliency measures in future building code and floodplain ordinance updates. Monitor needs and opportunities to incorporate other resiliency measures for heat, severe weather, power outages, etc. Continue to partner with the Montgomery County Green Bank and the Chesapeake Bay Trust to provide professional assistance to Rockville property owners.

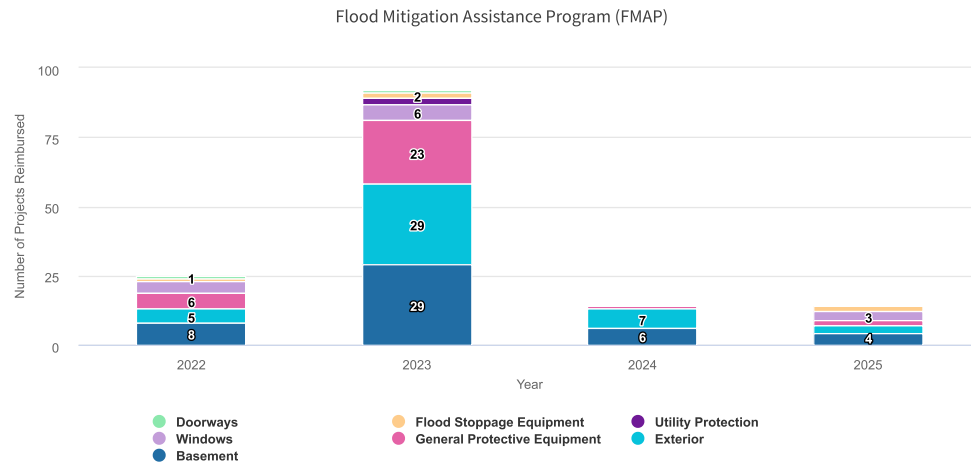
Metric: The Flood Mitigation Assistance Program reimbursed a total of \$24,763 for 14 flood mitigation projects at 10 properties.

(C-20) Flood Mitigation Assistance Program Reimbursements



The Flood Mitigation Assistance Program (FMAP) provides up to 50% of the total costs for approved practices, up to a maximum amount of \$5,000.

(C-20) Flood Mitigation Assistance Program Projects



The Flood Mitigation Assistance Program (FMAP) offers reimbursement funds to residents and property owners who make improvements to their properties to mitigate future flood damage.

Action 2.2.2 In-Progress Progress 60%

Community -22

Work with Montgomery County and state agencies to provide cooling centers, resilience hubs, and other services to strengthen community resiliency.

Progress Highlights: Rockville coordinates with Montgomery County, state agencies and members of the community on a variety of programs and projects to strengthen community resiliency.

- Rockville operates four cooling centers when the temperature hits 95-plus degrees, or when a code red air quality alert is issued for Montgomery County. The centers are located at Lincoln Park Community Center, Thomas Farm Community Center, Twinbrook Community Recreation Center and the Rockville Senior Center.
- The "Alert Rockville" emergency communications system sends time-sensitive emergency alerts, notification and updates to devices.
- The "villages" program includes multigenerational and multicultural neighbor support networks. The program fosters social connections through activities and events, and coordinates volunteer help at home using a neighbor-helping-neighbor model. A Villages Facilitator provides monthly newsletters on upcoming events, news and resources. The Villages program has grown with the formation of twelve villages in East Rockville, Fallsgrove, Hungerford, King Farm, Lincoln Park, New Mark Commons, Orchard Falls, Rockville Town Center, Twinbrook, West Rockville, Woodmont and Wooton's Mill. The program coordinate friendly visits, check-in phone calls, social events, health and safety events, grocery and pharmacy pickups and delivery and transportation to medical appointments. These volunteer networks can be used to ensure that vulnerable neighbors are checked upon during snowstorms, severe weather or heat waves to strengthen community resiliency.
- To further expand resiliency, the renovation of 6 Taft Court includes plans to install and operate a City multi-purpose operational Emergency Operations Center (EOC) facility.

Next Steps: Rockville will continue to evaluate community needs and partnership opportunities for community resiliency support. Results from the updates to Montgomery County's Hazard Mitigation Plan and Rockville's Continuity of Operations Plan (COOP) will inform future endeavors.

Equity: To better serve vulnerable populations, Rockville's Housing and Community Development coordinates with Montgomery County to provide comprehensive and wraparound social services that include counseling and mental health services, referral services to food supply, mentoring, emergency assistance for eviction prevention, prescription medications, home energy programs, electric/gas/water utility assistance, and other self-sufficiency programming for residents.

Community - 23

Work with Montgomery County and community partners to measure and map urban heat islands to mitigate exposure to extreme heat.

Progress Highlights: The results of the 2022 urban heat mapping study are published in Montgomery County's Community Heat Mapping Story Map. The study was funded by a National Oceanic and Atmospheric Administration (NOAA) grant award to Montgomery County. Almost 600 community volunteers used heat sensors mounted onto their cars to record and map temperatures as they traveled their neighborhoods on one of the hottest days of the year. Mapping efforts encompassed densely populated areas like Gaithersburg, Germantown, Rockville, Silver Spring, Bethesda, Fairland, and Olney.

Next Steps: Montgomery County's Office of Emergency Management and Homeland Security (OEMHS) continues to work with the Thriving Earth Exchange team to develop a tool to integrate mapping of the County's tree canopy, land use and land cover, impervious surfaces, and heat maps. The mapping tool can be utilized in concert with maps of vulnerable or high-risk communities to determine areas at highest risk of urban heat island effect for mitigation efforts and resource prioritization.

Equity: Extreme heat can cause dangerous health outcomes for those exposed, especially for seniors, infants, outdoor workers, people with preexisting health conditions, and people without access to air conditioning. Mitigation measures should address vulnerable or high-risk communities.

Community - 24

Increase tree planting, green, cool and photovoltaic roofs, and cool pavements on public and private property.

Progress Highlights: Rockville provides a variety of programs to increase tree planting, green, cool and photovoltaic roofs, and cool pavements on public and private property.

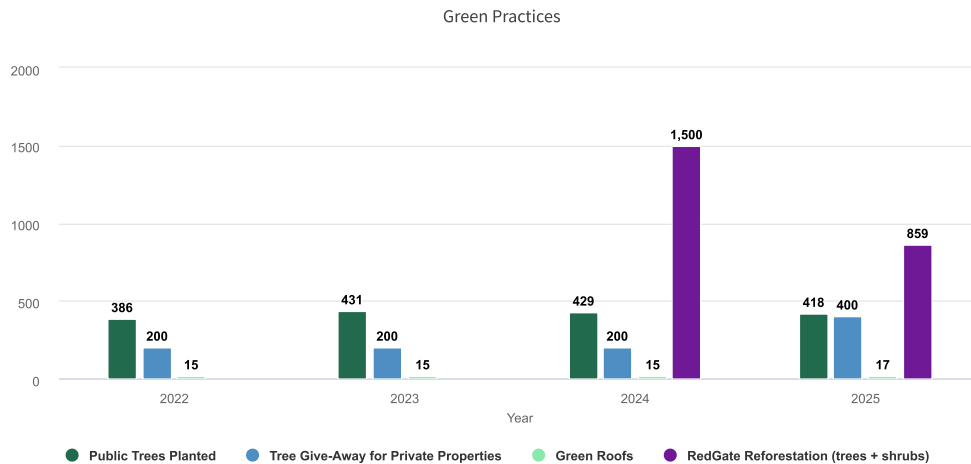
- The city continues to partner with the Chesapeake Bay Trust to administer the RainScapes Rebate Program and competitive water quality grant program to include incentives for the installation of tree plantings and green roofs. Residents and non-profits can receive a rebate for green roof installation at a rate of \$9 per square foot and \$150 per native tree. Eligible properties can receive up to \$5,000 per property across all RainScapes rebate options. Green roofs are also eligible for grant funding under the competitive water quality grant program, which is open to organizations including non-profits, faith-based organizations, community and homeowners' associations, and educational institutions.
- In 2025, the city provided rebates for 6 trees planted on private property through the RainScapes Rebate Program.
- The city distributed 400 native trees to residents during the Fall Tree Giveaway and provided tree care educational information.
- The city planted 418 trees on public property.
- The city planted 859 trees and shrubs in the northern section of RedGate Park and Arboretum, funded by a Chesapeake Bay Trust grant (see M-09)
- See Community - 02 and Community - 09 for solar progress highlights.

Next Steps: Continue to promote incentives for green roofs and tree plantings through the RainScapes Rebate Program and new competitive water quality grants. Continue to improve methods to track green roof installations, solar permits, and tree plantings on public and private property.

Equity: Doubling the number of native trees available through the Fall Tree Giveaway allowed more residents to plant native trees without the initial upfront cost of purchasing the tree. Initial data shows a wide distribution of trees distributed to homes from the Fall Tree Giveaway and RainScapes projects across Rockville in all neighborhoods. The expanded RainScapes programs are available to more non-profits and multi-unit residences, expanding the program beyond single-unit homes. The City continues to seek grants to benefit low-income households and to work with Rockville Housing Enterprises to expand funding for green investments.

Metric: Data on green roof installations is available through the city's internal stormwater facility GIS database. Data on tree planting on public property is tracked by the city's Forestry division. Comprehensive data on tree plantings and cool pavement on private property is not currently available.

(C-24) Green Practices



Action 2.2.5 In-Progress Progress 88%

Municipal - 11

Continue assessing the vulnerability of Rockville's critical infrastructure, facilities, and services, and prioritize areas for improved climate resiliency.

Progress Highlights: Rockville continued emergency planning updates and coordination with Montgomery County, including:

- Rockville's new Emergency Manager attended Montgomery County Office of Emergency Management and Homeland Security (OEMHS) Extreme Temperature Plan training in October 2025. Annual representation aids with identification of potential gaps between the County plan and that of partner municipalities to ensure alignment.
- The City conducted routine evaluation of the Continuity of Operations Plan (COOP). Continuity planning facilitates the performance of essential government functions during all-hazards emergencies or other situations that may disrupt normal operations.
- Rockville completed a draft of the Emergency Operations Plan (EOP), which is a multidisciplinary, all-hazards plan that establishes a comprehensive framework for the management of major emergencies and disasters within the city. The EOP is implemented when it becomes necessary to mobilize the resources of city departments, offices, and cooperating organizations to save lives and protect property and infrastructure. The EOP serves as a complimentary plan to the Montgomery County Emergency Operations Plan (MCEOP).

Next Steps: A tabletop exercise for the City Emergency Operations Plan (EOP) is planned in 2026 with City staff and the Montgomery County Office of Emergency Management. After review of the result of the exercise, the final document is published.

Equity: Montgomery County's Hazardous Mitigation Plan includes a social vulnerability assessment and incorporates the Climate and Economic Justice Screening Tool (CEJST). CEJST uses datasets that are indicators of burdens in eight categories: climate change, energy, health, housing, legacy pollution, transportation, water and wastewater, and workforce development to help identify disadvantaged communities at the census tract level (from 2010 Census). Routine evaluation of the COOP also ensures that essential functions of City government operate to support vulnerable communities.

Action 2.2.6 Institutionalized Progress 50%

Municipal - 14

Develop and implement Heat Illness Prevention Plans for various City services and operations.

Progress Highlights: Human Resources implements the city-wide Heat-Related Illness Prevention and Management Plan to comply with the Maryland Occupational Safety and Health (MOSH) new heat stress standards. The standard applies to all workplaces where the heat index is 80° F or higher. The regulation went into effect on September 30, 2024. The standard includes requirements related to heat illness prevention and management plans, acclimatization, access to shade and drinking water, emergency response, and training. Also outlined in the regulation are high-heat procedures, which employers are required to implement when the workplace reaches a heat index of 90° F or higher.

Next Steps: Ongoing plan implementation.

Equity: The plans are designed to protect the health and safety of employees working outdoors, who are disproportionately socially vulnerable populations, from exposure to high heat conditions during the summer.

Goal 3 Progress 61%

PUBLIC ENGAGEMENT AND OVERSIGHT

Incorporate equity in implementation and conduct inclusive engagement to reduce environmental disparities and protect and empower vulnerable communities.

Category: 2 Action: 4

	%	#
Institutionalized	100	4

Category 3.1 Progress 73%

Public Engagement

Promote public engagement and empowerment.

Action: 2

	%	#
Institutionalized	100	2

Community - 25

Work with community partners to conduct an inclusive public engagement campaign to reduce emissions and adapt to the impacts from climate change.

Progress Highlights: Public engagement and outreach for the Climate Action Plan is achieved through multiple venues including Rockville Reports, social media, two email newsletters, Climate Solutions virtual sessions, and in-person community events. Highlights of 2025 public engagement include:

- Published 11 issues of the Environment & Sustainability newsletter for residents with an average open rate of 51% and increased email subscriptions to 3,404. The newsletter shares sustainability events, volunteer opportunities, Climate Action Plan updates, and environmental news and tips within the Rockville community. 2025 newsletters featured information on flood resiliency planning, rebate opportunities, native habitat and gardening tips, flooding resources, events and general pollution prevention. Residents opt in to receive the Environment and Sustainability email newsletter through an online form linked on the city website, in-person sign-up sheets at community events, and through various program and giveaway forms.
- Published 4 issues of Sustainability Scoop, a new email newsletter for Rockville property managers with 188 total subscribers and an open rate of 44.5%. The newsletter shares environmental regulation reminders, training opportunities, and environmental news for property Managers within the Rockville community. 2025 newsletters featured information on property maintenance and pollution prevention, sustainable winter salt use, electric lawn equipment laws and resources and flood resiliency. Property managers opt in to receive the email newsletter through an online form linked on the city website.
- Hosted four Climate Solutions education sessions attended by 89 participants.
- Hosted two Community Flood Resiliency Open Houses attended by a total of 43 residents, gathered 52 community flood resiliency survey submissions and 21 pins on the interactive flooding map at engagerockville.com/floodplan. The open houses, surveys and maps were shared with the public via 2,212 mailed postcards to Rockville properties in flood prone areas and direct emails to 233 residents who have reported flooding to the city. Posters and flyers for Flood Resiliency Master Plan were provided in English and Spanish.
- Approved by Chesapeake Bay Trust to host a Chesapeake Conservation Corps Member and successfully matched with a recent University of Maryland college graduate who began serving a full-time year of service with the city on August 19, 2025. The Corps Member is assisting in implement the Electric Vehicles Readiness Plan, Flood Resiliency Master Plan and supporting outreach and engagement efforts for the Climate Action Plan. Corps Members are supported via a \$31,200 stipend from the Chesapeake Bay Trust.
- Hosted or participated in 16 in-person community outreach events.
- The Rockville Environment Commission hosted an outreach booth at 9 Farmers Market events.

In support of many of these initiatives, the City launched a new upgraded logo and branding and a new upgraded website in 2025. These changes improve our ability to connect with the public and make information more intuitive to find on the webpage.

Issues: Recent actions by the federal government have made community engagement of many non-White communities more challenging. Rockville continues to struggle to create more events and materials in other languages to meet the needs of our diverse residents.

Next Steps: Continue to engage and educate community members in climate topics through the two email newsletters, Climate Solutions virtual sessions, and in-person and virtual events. Explore opportunities to partner across departments and agencies on new community engagement opportunities.

Metric: Staff track coordination and participation in community events and how many impressions, or the number of community members engaged, are made at each event. The two email newsletters and subscriptions are created and managed in MailChimp, which provides detailed analytics that allow staff to track subscriptions and evaluate the interest in various issues and topics through open rates and click rates.

(C-25) Outreach and Community Events

Outreach and Community Events

Year	Resident News	Resident Newsletter Subscriptic	Property Manager Newsletters	Property Manager Newsletter Subscr	Events	Event Impressions
2022	16	2,629	N/A	N/A	25	757
2023	12	3,115	N/A	N/A	17	1,056
2024	10	3,243	N/A	N/A	12	1,065
2025	11	3,404	4	188	16	1,771

Municipal - 16

Develop partnerships and interdepartmental climate action teams to implement and track plan progress.

Progress Highlights: CAP implementation involved a combination of internal and external partnerships and coordination. Interdepartmental teams involved electric vehicle planning and permitting, fleet electric vehicle use, Justice Equity Diversity and Inclusion (JEDI), building codes, Rockville Housing Enterprises and low-to-moderate income housing, and budget action items. Additionally, Rockville participated in several external policy and implementation partnerships, including Montgomery County Climate Leadership meetings, MWCOG Climate and Energy Policy Committee, MWCOG and Montgomery County EV Workgroups, the Maryland Coalition of Counties and Cities for Climate Action, and the Maryland Environmental Finance Center and the Maryland Clean Energy Center.

Issues: Changing federal budget landscape meant that some initiatives involving grant award implementation (Solar for All, Maryland Clean Energy Center EV charger grant) teams were paused while others ultimately continued (Montgomery County Carbon Reduction Program EV charger grants, Energy Efficiency Conservation Block Grant, Montgomery County Net Zero Building Codes Grant, FEMA grant).

Next Steps: Continue to coordinate with potential external partners and interdepartmental workgroups as they evolve to focus on CAP implementation projects. Continue partnering on city and community projects, implement electric vehicle curbside charging guidance, work with Rockville Housing Enterprises, and explore other avenues to increase outreach to landlords, and multi-family buildings on solar, electric vehicles, electric appliances, and energy efficiency.

Metrics: The exhibit highlights some of the of external partnerships (Federal, state, regional and county agencies) and interdepartmental working groups needed to implement and track the CAP's 42 actions.

(M-16) Partnership and Coordination

Climate Action Plan Partnerships and Coordination



Category 3.2 Progress 50%

Oversight

Execute, plan and monitor progress.

Action: 2

	%	#
Institutionalized	100	2

Action 3.2.1 Institutionalized Progress 50%

Community - 26

Develop metrics and performance indicators for climate actions to establish a data-driven assessment and reporting process.

Progress Highlights: The Environment Commission provides ongoing feedback for improvements to the annual report, the Climate Action Plan (CAP) project website, and performance metrics. The CAP annual report utilizes the software platform, Envisio, to help provide meaningful visual data representations of metrics to communicate progress in an annual report and an interactive public dashboard to report progress.

Next Steps: Continue to compile annual reports to monitor and demonstrate CAP progress.

Equity: Envisio public dashboard is ADA compliant and conforms with WCAG 2.1 AA guidelines.

Action 3.2.2 Institutionalized Progress 50%

Municipal - 15

Incorporate climate mitigation, resiliency, and equity considerations into the City's budget prioritization process.

Progress Highlights: The FY 2026 budget continued to incorporate climate resiliency and equity considerations as part of the internal budget development process. Climate sustainability and resiliency resources are provided to staff to assist in documenting climate considerations and new fields for staff to identify climate considerations were added to all capital project and operating enhancement submissions. These fields allow staff to better document climate impacts and provide the City Manager with clearer information to support funding recommendations. Staff provides annual training on prioritizing sustainability and equity in the City budget.

The FY 2026 budget included more than \$3.14 million for CAP initiatives, such as continued food waste composting program, facility energy audits and improvements, consultant support to develop a Green Space Management Plan, Lincoln Park Community Center solar rooftop, LED streetlight replacement, storm drain rehabilitation, stormwater management facility improvements, stream restoration, EV charging infrastructure, and the comprehensive stormwater incentive program that includes the Flood Mitigation Assistance Program, RainScapes Rebates, and competitive watershed grants.

Next Steps: Continue to prioritize CAP measures in the FY 2027 budget process, when feasible. Continue to monitor and seek outside funding to implement CAP projects and programs.

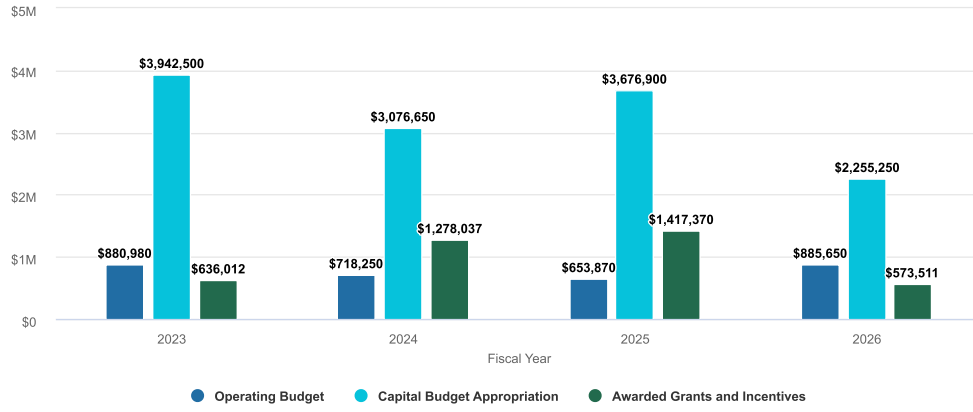
Equity: The operating and capital budgets include equity criteria for prioritization.

Grants: The City continued to leverage outside funding sources to implement CAP projects. In FY 2025, the city was awarded more than \$1.4 million in grants and rebates to support LED streetlight conversions, facility energy retrofits, solar on Lincoln Park Community Center, electric vehicle charging infrastructure, tree planting at RedGate, electric senior center buses, and flood resiliency master planning. To date in FY 2026, the city has been awarded approximately \$509,511 in external grants and rebates.

Issues: Uncertainty with federal policies, tax credits and grants may impact plan implementation and projects. Staff will continue to monitor federal policies for local impacts.

(M-15) CAP Budget

(M-15) Climate Action Plan Budget



* Includes new capital appropriations. Does not include transportation appropriations and grants that are summarized in Vision Zero progress reports.