



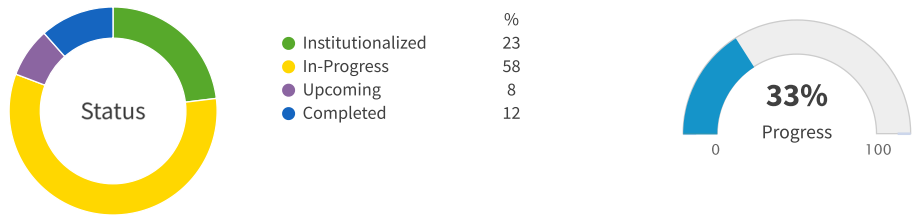
Electric Vehicle Readiness Plan

2025 Annual Report

Report Created On: Apr 08, 2026

4	8	25
Goal	Strategy	Action

Overall Summary



Goal 1

Progress 46%

EV Ready Codes, Policies and Procedures - Update and align codes, policies, guidelines, permitting and inspection processes to reduce barriers, streamline and expedite EV charging infrastructure development.

In-Progress

Completed

%	#
75	6
25	2

Strategy 1.1

Progress 73%

Update City Codes

In-Progress

Completed

%	#
50	2
50	2

Action 1.1.1

Completed

Update the Building Code and Property Maintenance Regulations (Chapter 5)

Updated on Nov 13, 2025 13:59:15

Green and energy building code amendments to the International Energy Conservation Code and other base building codes were adopted in May 2024 and went into effect December 1, 2024. 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.

Action 1.1.2

Completed

Update the Forest and Tree Preservation Ordinance (Chapter 10.5)

Updated on Mar 06, 2026 21:40:15

On January 12, 2026, the Mayor and Council adopted an ordinance to amend Chapter 10.5 to include State mandated changes, native species requirements, and a provision aimed at streamlining the installation of public EV chargers. The ordinance is effective upon adoption.

Action 1.1.3

In-Progress

Progress 25%

Update the Streets, Roads, Rights-of-Way, and Public Improvements Code (Chapter 21)

Updated on Mar 23, 2026 13:19:09

Staff drafted amendments and are planning a worksession for Q1FY27 for revisions to the Streets, Roads, Rights-of-Way, and Public Improvement Code (Chapter 21).

Action 1.1.5

In-Progress

Progress 67%

Update the Zoning Ordinance (Chapter 25)

Updated on Mar 23, 2026 13:29:13

On December 1, 2025, the Rockville Mayor and Council voted to authorize staff to file the Staff Draft Zoning Ordinance and the Staff Draft Zoning Map. Public hearings and work sessions by the Planning Commission and Mayor and Council are anticipated to be held from January through May 2026. The Zoning Ordinance Rewrite (ZOR) includes new standards related to the provision of electric vehicle (EV) parking, electric vehicle supply equipment (EVSE), and parking lot solar canopies. More information is available on the [Zoning Ordinance Rewrite website](#).

Strategy 1.2

Progress 20%

Develop Guidelines and Standards

In-Progress

%	#
100	3

Action 1.2.1

In-Progress

Progress 5%

Develop a simplified EV charging application and guide to streamline plan review, permitting and inspections

Updated on Mar 23, 2026 14:13:55

Public Works and Community Planning and Development Services conducted an initial review of EV charging applications and guidelines in 2024, and the core permitting processes are in place. Following the adoption of the updated Zoning Ordinance, staff will review opportunities to utilize the MGO platform and update applications to improve clarity, streamline processes, and enhance the efficiency of plan reviews.

Action 1.2.2 In-Progress Progress 50%

Develop right-of-way EV charging guidelines and a streamlined approval process to serve residents without access to garages, driveways or dedicated parking spaces

Updated on Mar 23, 2026 14:16:24

Public Works is piloting a program that allows residential property owners to install private EV charging equipment and related improvements in the public right-of-way. This program is intended to support residents who do not have access to a driveway or garage for home charging. To implement this initiative, Public Works worked with members of the Environment Commission and the Office of the City Attorney to draft a template agreement for private EC charging improvements in the right-of-way. On February 2, 2026, the Mayor and Council approved the draft template and delegated authority to the City Manager to approve and execute agreements. The first pilot EV charging sidewalk conduit project is in the process of executing a agreement and working through the permit process. Once the pilot has been installed and inspected, staff will compile lessons learned and develop guidance materials to take a resident through the full process, including permits, agreement execution, inspections, and ongoing operations and maintenance.

Action 1.2.3 In-Progress Progress 5%

Establish design standards for public EV charging stations

Updated on Mar 23, 2026 15:37:12

The city coordinates with Montgomery County, the Metropolitan Washington Transportation Planning Board and Maryland to monitor evolving standards and incorporate the most recent versions into local codes and guidelines. Following the adoption of the updated Zoning Ordinance that will establish basic provisions, staff will proceed to develop design standards for public charging stations.

Strategy 1.3 Progress 17%

Advocate for safe, reliable, affordable and equitable electric mobility



Action 1.3.1 In-Progress Progress 17%

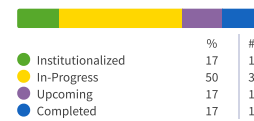
Advocate for government and utility policies and programs to support EVs and e-micromobility opportunities

Updated on Mar 23, 2026 13:34:47

Advocacy for EVs and e-micromobility opportunities is ongoing and coordinated through the Mayor and Council, Maryland, Montgomery County, Maryland Cities and Counties for Climate Action, and the Metropolitan Washington Council of Governments.

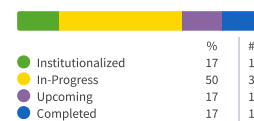
Goal 2 Progress 34%

Robust and Equitable Charging Network - Expand access to EV charging to equitably serve residents, workers, visitors, and the municipal fleet.



Strategy 2.1 Progress 34%

Coordinate with partners to meet charging demands



Action 2.1.1 In-Progress Progress 29%

Engage with residential properties to expand access to home charging

Updated on Mar 23, 2026 16:08:40

Engagement with residential properties occurs in coordination with the Housing Action Team, Rockville Housing Authority, Climate Action Plan outreach, the Environment & Sustainability Newsletter, and the Sustainability Scoop, a new commercial property newsletter.

Action 2.1.2 Upcoming

Engage with commercial properties to expand access for workplace, fleet, and destination charging

Action 2.1.3 In-Progress Progress 9%

Coordinate with Montgomery County to expand public charging

Updated on Mar 23, 2026 16:09:29

Public Works continues to work with the Montgomery County Department of Environmental Protection on the implementation of the Carbon Reduction Program (CRP) grant to expand public EV charging stations. Through the CRP grant partnership, Montgomery County is developing an RFP to expand public charging at approximately 30 sites owned by Montgomery County, the City of Rockville, the City of Takoma Park, and Montgomery County Public Schools. Potential Rockville sites included in this initiative are Civic Center Park, the Senior Center, Elwood Smith Community Center, Congressional Lane right-of-way, Charles Street right-of-way, Yale Place right-of-way, and David Scull/First Street right-of-way.

Action 2.1.4 Completed

Coordinate with Pepco to expand charging infrastructure and ensure grid capacity

Updated on Mar 06, 2026 21:42:42

Pepco installed public EV charging stations at Thomas Farm Community Center, Mattie JT Stepanek Park, Fallsgrave/Prettyman Drive, City Hall/Vinson Street, and 1800 Bouic Avenue. Staff continues to coordinate with Pepco on operations, maintenance and repairs to keep the stations in service.

Action 2.1.5 In-Progress Progress 40%

Identify City-owned properties and rights-of-way in gap areas and leverage outside funding and partnerships to expand public charging infrastructure

Updated on Mar 23, 2026 19:19:05

Appendix H of the EV Readiness Plan identifies several sites on city-owned properties and ROW in public charging gap areas. Several of these sites have been submitted for charging partnerships and grants and are in various stages of development.

- Five sites included in a Pepco partnership have completed installation.
- Seven sites are included for consideration in the Carbon Reduction Program Grant program. Through the CRP grant partnership, Montgomery County is developing an RFP to expand public charging at approximately 30 sites owned by Montgomery County, the City of Rockville, the City of Takoma Park, and Montgomery County Public Schools. Potential Rockville sites included in this initiative are Civic Center Park, the Senior Center, Elwood Smith Community Center, Congressional Lane right-of-way, Charles Street right-of-way, Yale Place right-of-way, and David Scull/First Street right-of-way.

Status updates for EV charging installations are included in M-07 of the Climate Action Plan.

Action 2.1.6 Institutionalized Progress 29%

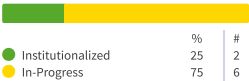
Promote EV infrastructure to support other e-mobility opportunities, such as e-bikes, e-scooters, EV ride-hailing, or EV car-sharing services

Updated on Mar 23, 2026 16:10:36

Promoting e-mobility opportunities is ongoing through the implementation of the Comprehensive Plan and transportation initiatives.

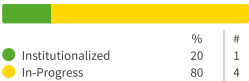
Goal 3 Progress 23%

Clean Municipal Fleet - Implement a multi-year fleet electrification strategy that aligns with fleet vehicle replacement schedules, duty cycles, and EV infrastructure.



Strategy 3.1 Progress 17%

Electrify eligible vehicles and equipment



Action 3.1.1 In-Progress Progress 38%

Replace eligible non-emergency light-duty fleet with electric vehicles

Updated on Mar 23, 2026 17:21:41

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 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). For full fleet conversion plan see CAP Action M-06 and M-07.

Action 3.1.2 In-Progress Progress 5%

Monitor and pilot clean technologies for medium-duty and heavy-duty vehicles

Updated on Mar 23, 2026 16:18:42

In 2025, the Maryland Energy Administration (MEA) awarded Rockville a Medium-Duty and Heavy-Duty Zero-Emission Vehicle (MHD ZEV) Grant to support the purchase of two electric senior shuttle buses, with procurement planned across 2026 and 2027.

Action 3.1.3 In-Progress Progress 5%

Monitor and pilot clean vehicle technologies for police vehicles

Updated on Mar 23, 2026 16:19:16

One Level 2 charger was installed at the Police Station to serve electric vehicle utilized by Parking Enforcement. The city continues to monitor technologies and seek opportunities to electrify additional police vehicles.

Action 3.1.4 In-Progress Progress 10%

Monitor and pilot clean technologies for off-road equipment

Updated on Mar 23, 2026 14:19:53

In 2025, the city transitioned landscaping equipment and contracts to comply with Montgomery County's noise ordinance. This includes the purchase of electric leaf blowers, batteries, charging stations and an electric charging landscape trailer.

Action 3.1.5 Institutionalized Progress 29%

Coordinate an interdepartmental clean fleet team for training and management

Updated on Mar 24, 2026 18:35:22

An interdepartmental EV Fleet Teams group has been formed to support city employees with fleet EVs. The group shares updates on charging station rollout, training on EV use, and gathers feedback to improve the fleet EV conversion process.

Strategy 3.2 Progress 33%

Deploy electric charging infrastructure

	%	#
Institutionalized	33	1
In-Progress	67	2

Action 3.2.1 In-Progress Progress 50%

Implement the Electric Vehicle Charging Infrastructure Capital Improvement Program (CIP GA23)

Updated on Mar 23, 2026 19:36:38

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 I 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 port is available at the Water Treatment Plant. In 2025, staff installed 6 ports at City Hall and 1 port at 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 continues to explore grants and partnerships to expand community charging.

Action 3.2.2 In-Progress Progress 20%

Leverage outside funding and resources to support fleet EV electrification and infrastructure planning, design and installation

Updated on Mar 23, 2026 19:30:33

- 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 Rebate: 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.

Action 3.2.3 Institutionalized Progress 29%

Operate, maintain and manage EV charging infrastructure

Updated on Jan 21, 2026 15:55:38

- The City is operating, maintaining, and managing 13 EV charging ports on City property. 13,088 kWh was dispensed to Fleet PHEV's and EV's in 2025 from the following Charging Station locations:
- City Hall (Bouc House): 9 Level 2 Fleet Ports
 - Police Station: 1 Level 2 Fleet Port
 - Rothgeb Maintenance Facility: 2 Level 2 Fleet Ports
 - Water Treatment Plant: 1 Portable Level 1 Port

Goal 4 Progress 29%

Inclusive Public Engagement and Oversight - Conduct inclusive and equitable public engagement to support EV adoption and monitor plan implementation.

	%	#
Institutionalized	100	3

Strategy 4.1 Progress 29%

Outreach and Engagement

	%	#
Institutionalized	100	2

Action 4.1.1 Institutionalized Progress 29%

Coordinate with community partners to conduct an inclusive public education and engagement campaign on electric vehicles and charging infrastructure

Updated on Mar 23, 2026 17:18:07

Public engagement and outreach for the EV Readiness Plan is achieved through multiple venues including Rockville Reports, social media, two email newsletters, Climate Solutions virtual sessions, in-person community events, and the [EV Readiness Plan's website resources section](#) . Highlights of 2025 public engagement are included in CAP C-25.

Action 4.1.2 Institutionalized Progress 29%

Promote the regional electric vehicle purchasing cooperative (EVPC) to increase the scale and rate of EV adoption

Updated on Mar 24, 2026 18:27:06

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.

Strategy 4.2 Progress 29%

Execute plan and monitor progress

	%	#
Institutionalized	100	1

Action 4.2.1

Institutionalized

Progress 29%

Monitor and report plan progress through the Climate Action Plan annual report

Updated on Mar 23, 2026 19:32:14

This is the first annual report developed in the software platform, Envisio, to communicate progress. The [transportation section of the Climate Action Plan](#) interactive public dashboard also includes measures to report progress updates and performance measures.