

Appendix B: Rockville Climate Action Plan Implementation Summary

Appendix B provides a CAP Implementation Summary for each action by type (project, program, policy, etc.) and proposed implementation timeframes, which may be subject to change based on budget appropriation and federal funding opportunities.

Type	Action ID	Action	Proposed Implementation Timeframe
Projects	C-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 (NFIP)	FY 2022 – FY 2023
	C-23	Work with Montgomery County and community partners to measure and map urban heat islands to mitigate exposure to extreme heat	To be determined
	M-01	Complete energy assessments of City facilities and develop a strategic plan to reduce facility energy consumption	Expansion, proposed FY 2023 and beyond
	M-02	Convert City-owned streetlights to energy efficiency LED (light-emitting diode) (CIP TA22)	Proposed FY 2023 - 2025
	M-04	Identify and install feasible solar photovoltaic systems on City property	Proposed FY 2023 and beyond
	M-06	Convert the city fleet to cleaner and more efficient fuel sources	Proposed FY 2023 and beyond
	M-07	Establish a new Capital Improvement Project to expand electric vehicle charging infrastructure on City property to serve employees, fleet and the community	Proposed FY 2023 and beyond
Programs	C-02	Expand the low and moderate income (LMI) home repair and weatherization program to increase energy efficiency, resiliency, and renewable energy opportunities	Expansion, to be determined
	C-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	Expansion, proposed FY 2023 and beyond
	C-18	Develop a food waste composting program for residents	Proposed FY 2023
Policies	C-03	Progressively strengthen green/energy conservation building codes for new construction to reach net zero or equivalent	Coordination with the ICC and Maryland code cycle adoption process
	C-04	Opt into Montgomery County's point of sale energy disclosure (Chapter 40, Real Property, Section 40-13B)	Proposed FY 2023
	C-12	Require new developments and redevelopments to be electric vehicle-ready	To be determined
	C-20	Incorporate climate resilient building and infrastructure design features in new buildings and retrofits	Proposed FY 2023
	C-24	Increase tree planting, green, cool and photovoltaic roofs, and cool pavements on public and private property	Expansion, to be determined

Type	Action ID	Action	Proposed Implementation Timeframe
	M-10	Develop a City sustainable procurement policy	To be determined
Plans	C-11	Develop a Rockville Community Electric Vehicle (EV) Readiness Plan	Proposed FY 2024
	C-15	Adopt and implement a Pedestrian Master Plan	FY 2023 and beyond
	M-09	Develop a Green Space Management Plan for public lands to assess and restore trees, forests, meadows, stream valleys and wetlands	To be determined
	M-11	Continue assessing the vulnerability of Rockville's critical infrastructure, facilities, and services, and prioritize areas for improved climate resiliency	To be determined
	M-13	Assess Rockville's risk of flooding and develop a Flood Resiliency Master Plan to reduce or mitigate flooding impacts	Proposed FY 2023- 2027
	M-14	Develop and implement Heat Illness Prevention Plans for various City services and operations	Expansion, to be determined
Plan Implementation	C-09	Promote private solar and geothermal installations (e.g., solar co-op, streamlined permitting, including expanding access for low-to-moderate income residents)	Expansion, to be determined
	C-10	Work with WMATA, MDOT, and Montgomery County to maximize transit accessibility and ridership and enhance mobility options	Ongoing
	C-14	Expand active transportation and shared micro-mobility network by implementing improvements in the Bicycle Master Plan and Vision Zero Plan	Ongoing
	C-16	Implement Comprehensive Plan to steer the densest development/redevelopment to mixed-use, transit-served locations, reduce VMT and emissions, and conserve/restore environmental areas	Ongoing
	C-22	Work with Montgomery County and community partners to provide cooling centers, resilience hubs, and other services to strengthen community resiliency	To be determined
	C-26	Develop metrics and performance indicators for climate actions to establish a data-driven assessment and reporting process	FY 2023 and beyond
	M-05	Purchase renewable energy certificates (RECs) for municipal electricity	Ongoing
	M-08	Update City teleworking and transportation benefit policies to encourage City employees to reduce vehicle miles traveled (VMT)	FY 2023 and beyond
	M-15	Incorporate climate mitigation, resiliency, and equity considerations into the City's budget prioritization process	FY 2024 and beyond
	M-16	Develop an interdepartmental climate action team to implement and track progress	FY 2023 and beyond
Engagement	C-05	Expand home energy efficiency outreach program to increase participation in utility energy audits and utility rebates	Expansion, to be determined
	C-06	Coordinate with Montgomery County on electrification incentives for existing buildings	To be determined

Type	Action ID	Action	Proposed Implementation Timeframe
	C-13	Promote a regional electric vehicle purchasing cooperative (EVPC)	FY 2023 and beyond
	C-19	Expand residential recycling and waste reduction outreach program to increase compliance and waste diversion	Expansion, to be determined
	C-25	Work with community partners to conduct an inclusive public engagement campaign to reduce emissions and adapt to the impacts from climate change	Expansion, to be determined
Advocacy	C-01	Advocate for Montgomery County to adopt a Building Energy Performance Standard (BEPS) for existing commercial and multifamily buildings	Ongoing
	C-07	Advocate to increase the Maryland Renewable Portfolio Standard by 2030	Ongoing
	C-08	Coordinate with Montgomery County on development of the Community Choice Energy Program to aggregate green power purchasing	Ongoing
	M-03	Advocate for a Pepco-owned streetlight LED conversion agreement that serves the public interest	Ongoing
	M-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	Ongoing

