

METROPOLITAN WASHINGTON CLIMATE, ENERGY, AND ELECTRIC VEHICLE PLANS

Community and government operations plans for climate, energy, and transportation electrification in metropolitan Washington are identified in this document. The sections in this document include Climate and Energy Community Plans, Climate and Energy Government Operations Plans, Electric Vehicle Community Plans, and Electric Vehicle Government Operations Plans. Most community plans also address government operations and most climate and energy plans (community and government operations) address electric vehicles. For those jurisdictions that have separate plans for government operations plans, they are identified in the government operations sections. For those that have separate plans that address electric vehicles, they are identified in the sections on electric vehicle plans.

COG is helping its member governments accelerate climate action by assisting on local climate and energy action plans and electric vehicle fleet policies and plans. Through [Climate and Energy Planning Technical Assistance](#), COG members have contracted COG staff and have used COG's cooperative contract for planning support from consultants. Plans developed in partnership with COG via a MOU and COG climate planning and implementation contracts are identified below with two stars**. Local jurisdictions that leveraged COG climate planning and implementation contracts through the COG Rider Clause to support their plan development are identified below with one star*.

Climate and Energy Community Plans and Goals

REGIONAL

Metropolitan Washington Council of Governments (COG)

- [Metropolitan Washington 2030 Climate and Energy Action Plan](#), 2020
 - 50 percent below 2005 levels by 2030
 - 80 percent by 2050
- [Metropolitan Washington Regional Climate and Energy Action Plans](#), 2010 - 2020
- [National Capital Region Climate Change Report](#), 2008

DISTRICT OF COLUMBIA

Washington D.C. Government

- [Sustainable DC 2.0](#), 2019
 - 50 percent by 2030 below 2006 levels
 - Carbon neutral by 2050
- [Clean Energy DC Plan](#), 2016
 - 50 percent by 2032 below 2006 levels
 - 80 percent by 2050
- [Sustainable DC Plan](#), 2012
- [DC Climate of Opportunity Report](#), 2010

MARYLAND

City of Bowie

- [Updated Climate Action Plan](#), 2020
 - 50 percent by 2030 below 2015 levels

- [Original Climate Action Plan](#), 2015

City of Frederick

- Community climate plan under development in 2023 in partnership with the County**
- [Climate Emergency Resolution](#), 2020

Frederick County

- Community climate plan under development in 2023 in partnership with the City**
- [Hazard Mitigation and Climate Adaptation Plan](#), 2022
- [Climate Emergency Resolution](#), 2020
 - 50 percent from 2010 levels by 2030
 - 100 percent by 2050
- [Sustainable Frederick County](#), 2017
 - 25 percent reduction below 2007 levels by 2025

City of Greenbelt

- [Sustainability Plan Framework](#), 2013
 - Meet State of MD and COG goals (COG goals noted above and MD goal of 25 percent below 2006 levels by 2020)

City of Laurel

- Phase II of developing a Sustainable Community Implementation Framework kicking off early 2023**

Montgomery County

- [Montgomery County Climate Action Plan](#), 2021
 - 80 percent below 2005 levels by 2027
 - 100 percent below 2005 levels by 2035
- [Emergency Climate Mobilization Resolution](#), 2017
- [Montgomery County Climate Protection Plan](#), 2009

Prince George's County

- [Climate Action Plan](#), 2022**
- 80 percent below 2008 levels by 2050
- Climate Action Plan, 2012 Draft

City of Rockville

- [Climate Action Plan](#), 2022**
 - 50 percent reduction below 2005 levels by 2030
 - Zero GHG emissions on or before 2050
- [Rockville 2040: Comprehensive Plan Update](#), 2021
- [Rockville Energy Action Plan](#), 2013
- [Strategy for a Sustainable Rockville](#), 2007

City of Takoma Park

- [Sustainability and Climate Action Plan](#), 2019*
 - Does not establish new GHG goals but instead works towards being consistent with state, County, and COG plans.

- [Climate Emergency Resolution](#), 2019, and [Resolution on 2020 Climate Emergency Response Framework](#)
- [Sustainable Energy Action Plan](#), 2014
 - Does not establish new GHG goals but instead works towards being consistent with state and County plans.
- [Local Action Plan for Reducing Greenhouse Gas Emissions](#), 2000

State of Maryland

- [The 2030 Greenhouse Gas Reduction Act \(GGRA\) Plan](#), 2021
 - The Act established the goals of 40% reduction below 2006 levels by 2030
 - The Plan calls for achieving the target of 50% reduction below 2006 levels by 2030

VIRGINIA

City of Alexandria

- [Energy and Climate Change Action Plan](#), 2023*
 - Does not establish new GHG goals but affirms commitment to Paris Climate Agreement goals.
- [Climate Emergency Resolution](#), 2019
- [Eco-City Alexandria Environmental Action Plan](#), 2019
 - 50 percent below 2005 levels by 2030
 - 80 - 100 percent below 2005 levels by 2050
- [Energy and Climate Change Action Plan](#), 2011

Arlington County

- [Community Energy Plan Roadmap](#), 2022
 - Supports CEP goal of county-wide carbon neutral by 2050
- [Community Energy Plan Update](#), 2019
 - County-wide carbon neutral by 2050, compared to 2007 levels
- [Community Energy Plan](#), 2013

City of Falls Church

- Climate plan development kick-off expected Jan 2023**
- [Resolution](#) Adopting COG Regional GHG Emission Reduction Goals, 2017

Fairfax County

- Resilient Fairfax [Climate Adaptation and Resilience Plan](#), 2022*
- [Community-wide Energy and Climate Action Plan](#), 2021**
 - By 2030, 50 percent below 2005 levels
 - By 2040, 75 percent below 2005 levels
 - By 2050, carbon neutral

Loudoun County

- [Loudoun County Energy Strategy](#), 2023**
 - Supports state goal to become net-zero by 2045 and achieve a carbon-free grid by 2050
- [Loudoun County Energy Strategy](#), 2009

- County-wide goal to reduce GHGs from 3.85 million metric ton to 3.0 million metric ton by 2040
- Government operations goal to reduce emissions 15 percent between 2007 and 2012

City of Manassas

- Sustainability plan is currently under development

Prince William County

- [Community Energy and Sustainability Master Plan, 2023*](#)
 - By 2030, 50 percent below 2005 levels
 - By 2035, use 100 percent renewable electricity county-wide
 - By 2050, achieve carbon neutrality in government operations
- Green Guiding Principles, 2009

Commonwealth of Virginia

- [Virginia 2018 Energy Plan](#)
 - Plan mentions state commitment to Under2Coalition goal of reducing pollution and keeping global temperature rise under 2 °C.
- [Virginia 2007 Energy Plan](#)

Climate and Energy Government Operations Plans

REGIONAL

Metropolitan Washington Council of Governments (COG)

- COG Sustainability Strategy, 2018 and 2019 Drafts

Washington Metropolitan Area Transit Authority (WMATA)

- [2025 Energy Action Plan](#)

MARYLAND

City of Frederick

- [Climate Action Plan Government Operations, 2021**](#)

Frederick County

- [Climate and Energy Action Plan for Internal Government Operations, 2023**](#)
- [Frederick County Government Comprehensive Energy Plan, 2021](#)
- [Sustainable Action Plan for County Operations, 2011](#)

City of Laurel

- Phase II of developing a Sustainable Organization Implementation Plan kicking off early 2023**

Montgomery County

- [Green Government Report, 2023](#)

Prince George's County

- [Smart Energy Communities Policy and Petroleum Reduction and Renewable Energy Action Plan](#), 2014

VIRGINIA

Arlington County

- [County Operations Energy Plan](#), 2016

City of Falls Church

- [Government Operations Energy Action Plan](#), 2023**

Fairfax County

- [Operational Energy Strategy](#), 2021

Electric Vehicle Community Plans

REGIONAL

Metropolitan Washington Council of Governments (COG)

- [Electric Vehicles in Metropolitan Washington](#), 2012

DISTRICT OF COLUMBIA

Washington D.C. Government

- District of Columbia [National Electric Vehicle Infrastructure \(NEVI\) Plan](#), 2022
- The District of Columbia [Transportation Electrification Roadmap](#), 2022

MARYLAND

City of Frederick

- [Plug-In Electric Vehicle Charging Infrastructure Implementation Plan for the City of Frederick](#), 2018

City of Greenbelt

- [Electric Vehicle Infrastructure: A Plan for Greenbelt, MD](#), 2021

Frederick County

- Draft Community-wide EV Readiness Plan, moving toward final early 2023**

Montgomery County

- MCDOT Division of Parking Management [Electric Vehicle Infrastructure Overview Plan](#), 2019

City of Rockville

- EV Readiness Community Plan, currently under development**

State of Maryland

- Maryland [NEVI Plan, 2022](#)

VIRGINIA

City of Alexandria

- [Electric Vehicle Charging Infrastructure Readiness Strategy](#), 2021

Commonwealth of Virginia

- Virginia [NEVI Plan, 2022](#)

Electric Vehicle Operations Plans

REGIONAL

Washington Metropolitan Area Transit Authority (WMATA)

- [WMATA Metrobus Fleet Management Plan](#), 2021

DISTRICT OF COLUMBIA

Washington D.C. Government

- Vision Fleet-COG City Clean Fuel Vehicles Fleet Assessment, 2015

MARYLAND

Frederick County

- Alternative Fuel Vehicle Fleet Transition Plan, 2023
- Vision Fleet-COG County Clean Fuel Vehicles Fleet Assessment, 2015

City of Laurel

- The Maryland Energy Administration (MEA) Clean Fuels Technology Assistance Program (CFTA) [City of Laurel Electrification Analysis](#), 2021

Montgomery County

- [Ride on Bus Fleet Management Plan](#), 2021

Prince George's County

- [Prince George's County Government Operations: Electric Vehicle & Charging Infrastructure Action Plan](#), 2021**

City of Rockville

- EV Readiness Municipal Plan, currently under development**
- [Resolution to Transition the City Fleet](#), 2022
- The MEA CFTA [City of Rockville Electrification Analysis](#), 2021

State of Maryland

- [Maryland Statewide Transit Plan](#), 2022
- [Zero Emission Bus Transition Act Legislative Report](#), 2022

VIRGINIA

Arlington County

- VEIC [Comparative Transportation Electrification Analysis](#), 2022 (Includes community)

City of Alexandria

- [FY22-27 Transit Development Plan](#), 2022
- [Alexandria Mobility Plan](#), 2021
- [DASH Zero-Emission Bus Feasibility Study](#), 2019

Loudoun County

- [Administrative Zero Emission Fleet Feasibility Plan](#), 2022