

LIST OF METROPOLITAN WASHINGTON GHG EMISSION REDUCTION 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
- Region Forward Goals, 2010
 - We seek a significant decrease in greenhouse gas emissions, with substantial reductions from the built environment and transportation sector.
- National Capital Region Climate Change Report, 2008
 - 10 percent below business-as-usual projections by 2012 (back down to 2005 levels)
 - 20 percent below the 2005 levels by 2020
 - 80 percent below 2005 levels by 2050

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY (WMATA)

- Energy Action Plan, 2025
 - 160,000 metric tons of avoided CO₂ emissions annually by 2025

District of Columbia

WASHINGTON D.C. GOVERNMENT

- Sustainable DC 2.0, 2019
 - 50 percent by 2032 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
 - 50 percent by 2032 below 2006 levels
- DC Climate of Opportunity Report, 2010
 - 20 percent below 2006 levels by 2012
 - 30 percent below 2006 levels by 2020
 - 80 percent below 2006 levels by 2050

Maryland

CITY OF BOWIE

- Updated Climate Action Plan, 2020
 - 50 percent by 2030 below 2015 levels
- Original Climate Action Plan, 2015
 - 20 percent by 2020 below 2007 levels

CITY OF FREDERICK

- Climate plan adoption expected Jan 2022
- Climate Emergency Resolution, 2020
 - 50 percent by 2030 below 2010 levels
 - 100 percent by 2050

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 ROCKVILLE

- Rockville 2040: Comprehensive Plan Update (DRAFT), 2019
 - Meet mandated Maryland level of 40 percent below 2006 levels by 2030
- Rockville Energy Action Plan, 2013
- Strategy for a Sustainable Rockville, 2007
 - Identifies Rockville as a signatory to the US Mayor's Climate Protection Agreement. It is a commitment to meet or beat Kyoto protocols in their community (e.g. 7 percent below 1990 levels by 2012).

CITY OF TAKOMA PARK

- Climate Emergency Resolution, 2019, and Resolution on 2020 Climate Emergency Response Framework – From Nuclear Free to Fossil Fuel Free to Build a Healthy and Livable Community for All
 - Zero GHG emissions by 2035
- Sustainable Energy Action Plan, 2014
 - Does not establish new GHG goals but instead works towards being consistent with state, County, and COG plans.
- Local Action Plan for Reducing Greenhouse Gas Emissions, 2000
 - Reduce CO₂ emissions in 80 percent below 1990 levels by 2010.

FREDERICK COUNTY

- Climate plan process underway
- Climate Emergency Resolution, 2020
 - 50 percent from 2010 levels by 2030
 - 100 percent by 2050
- Sustainable Frederick County, 2017
- Sustainable Action Plan for County Operations, 2011
 - 25 percent reduction by 2025 below 2007 levels

MONTGOMERY COUNTY

- Montgomery County Climate Action Plan, 2021
- Emergency Climate Mobilization Resolution, 2017, and Climate Mobilization Report, 2018
 - Reduce County GHG emissions to 80 percent below 2005 levels by 2027 and to 100 percent below 2005 levels by 2035.
- Montgomery County Climate Protection Plan, 2009

- Reduce GHG emissions to 80 percent below 2005 levels by 2050. Stop increasing County wide GHGs by 2010 and achieve 10 percent reduction every 5 years through 2050.

PRINCE GEORGE'S COUNTY

- Climate plan adoption expected Jan 2022
- 80 percent below 2008 levels by 2050

WASHINGTON SUBURBAN SANITARY COMMISSION (WSSC)

- GHG Action Plan, originally adopted in 2012, latest update is 2018
 - 10 percent reduction in emissions every 5 years through 2050, for a total reduction of 80 percent below the baseline year of 2005
 - Adopted these to be consistent with the Montgomery County, Prince George's County and COG goals.

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

ARLINGTON COUNTY

- Community Energy Plan Update, 2019
 - County-wide carbon neutral by 2050
- Community Energy Plan, 2013
 - County-wide > 70 percent below 2007 levels by 2050, down to 3.0 mt CO₂e per capita per year

CITY OF ALEXANDRIA

- Climate plan update kick off expected Jan 2022
- 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
 - By 2012, reduce GHG emissions to 2005 levels;
 - By 2020, reduce GHG emissions by 20 percent below 2005 levels
 - By 2050, reduce GHG emissions by 80 percent below 2005 levels

CITY OF FALLS CHURCH

- Climate plan adoption expected Jan 2022
- Resolution Adopting COG Regional GHG Emission Reduction Goals, 2017

FAIRFAX COUNTY

- 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
- Resilient Fairfax Plan under development

LOUDOUN COUNTY

- Energy strategy update kick off expected Jan 2022
- 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

PRINCE WILLIAM COUNTY

- County Energy Plan, 2007, and the Green Guiding Principles, 2009
 - 30 percent by 2025, bringing emissions back to 2000 levels

VIRGINIA COMMONWEALTH

- Virginia's 2018 Energy Plan
- Virginia's 2007 Energy Plan