

# 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 CO<sub>2</sub> 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 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 CO<sub>2</sub> emissions in 80 percent below 1990 levels by 2010.

## **FREDERICK COUNTY**

- 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**

- 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 CO<sub>2</sub>e per capita per year

### **CITY OF ALEXANDRIA**

- 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**

- 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

### **LOUDOUN COUNTY**

- 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