

EPA CLIMATE POLLUTION REDUCTION GRANT PROGRAM

Comprehensive Climate Action Plan Update and Stakeholder Engagement

Deb Harris
ICF

Air and Climate Public Advisory Committee (ACPAC) Meeting
Agenda Item 3

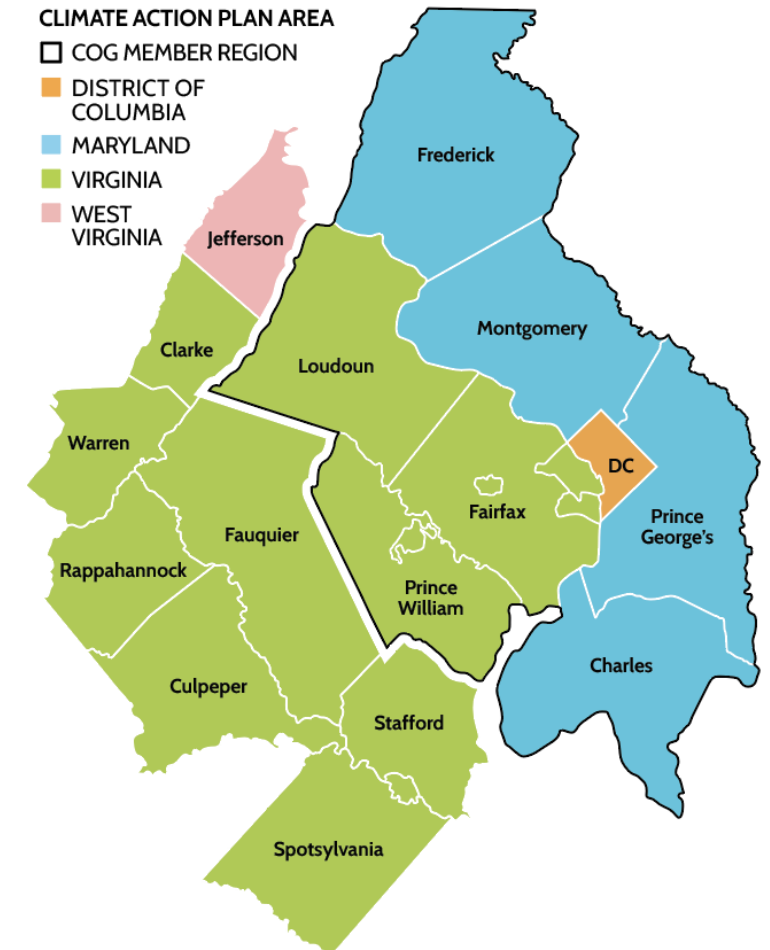
November 18, 2024



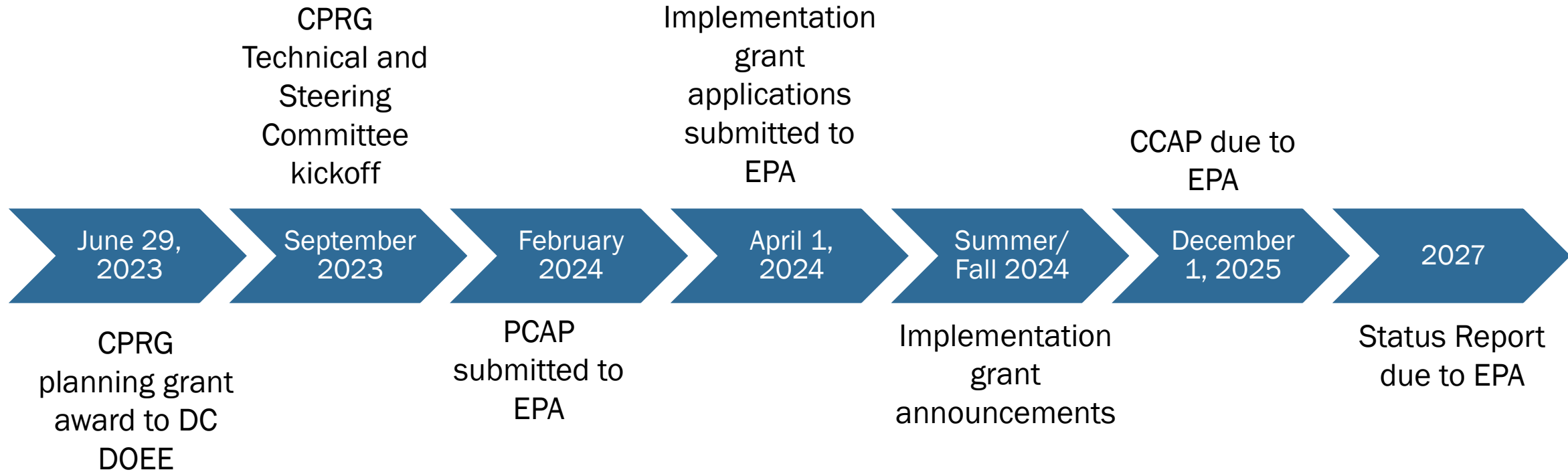
Metropolitan Washington
Council of Governments

CPRG Overview

- The [Climate Pollution Reduction Grants \(CPRG\)](#) program provides grants to States, regions, and local governments to develop and implement plans for reducing greenhouse gas emissions and other harmful air pollution.
- Section 60114 of the [Inflation Reduction Act](#) provides an investment of \$5 billion to support these efforts.
- This two-staged grant program provides funding of \$250 million for noncompetitive planning grants, and [\\$4.6 billion for competitive implementation grants](#). Mostly all funds have been obligated at this point in time.
- Non-competitive allocations include - States, District of Columbia, Puerto Rico: \$3 million; Metropolitan Statistical Areas (MSAs): \$1 million each.
- COG, via DC's allocation, is managing [\\$1 million for MSA climate planning](#), which includes communities from VA and WV.



CPRG Status Update



CCAP Requirements

- Updating GHG inventories and projections (e.g., load growth)
- Understanding pathways to achieve or exceed COG’s GHG reduction goals.
- Developing more robust implementation information.
- Conducting more extensive analytics for air quality, LIDACs and workforce.
- Re-engaging with existing stakeholders and expanding reach.

Plan Element	Priority Climate Action Plan	Comprehensive Climate Action Plan	Status Report
GHG Inventory	Required	Required	Update Encouraged
GHG Emissions Projections	Not Required	Required	Update Encouraged
GHG Reduction Targets	Not Required	Required	Not Required
Quantified GHG Reduction Measures	Required (priority measures only)	Required (comprehensive)	Status and Updates Required
Benefits Analysis	Encouraged	Required	Required
Low Income/ Disadvantaged Communities Benefits Analysis	Required	Required	Required
Review of Authority to Implement	Required	Required	Update Required
Intersection with Other Funding Availability	Encouraged	Required	Required
Workforce Planning Analysis	Encouraged	Required	Required
Next Steps/Future Budget and Staffing Needs	Not Required	Not Required	Required

CCAP Goals and Measures

- Meet or exceed COG goals of:
 - 50% GHG emission reductions below 2005 levels by 2030
 - 80% GHG emission reductions below 2005 levels by 2050
 - 250,000 solar rooftops in the region by 2030
- Build out implementation information (e.g., workforce needs, actions and milestones) for already identified GHG reduction strategies
- Expand planning reach into more Western VA counties to understand broader regional impact
- Consider additional measures to add

Draft Measures (from the PCAP)

Buildings and Clean Energy	Accelerate the deployment of energy efficiency solutions and decarbonization of residential, institutional, municipal, and commercial buildings.
Buildings and Clean Energy	Accelerate the deployment of clean and renewable energy.
Buildings and Clean Energy	Study, plan for, and deploy district energy and microgrid opportunities.
Transportation	Provide and promote new and expanded opportunities to reduce VMT through public transportation, non-motorized travel, micromobility, shared travel options, and development.
Transportation	Accelerate the deployment of low- and zero- emission transportation, fuels, and vehicles.
Transportation	Accelerate the deployment of off-road/non-road electric equipment.
Waste	Reduce GHG emissions from waste and wastewater treatment.
Land Use	Accelerate the expansion of the regional tree canopy and reduce tree canopy loss.



Example actions from PCAP

- Expand the reach of existing programs, such as Solarize NoVA, SUN-Switch, and Capital Area Solar Switch programs.
- Map solar opportunities across the MSA to determine potential priorities and investments.
- Provide clean energy and microgrid feasibility assessments at key facilities (e.g., university campuses, hospitals).
- Incorporate community energy infrastructure needs, goals, and strategies in master plans, comprehensive plans, and small area plans.
- Adopt new solar-ready construction ordinances, building codes, and/or incentive programs.

CCAP Engagement

Goals

- Build support for the CCAP and inform the plan with key stakeholders' projects and programs
- Build regional collaboration and active participation throughout the CCAP process
- Effectively incorporate LIDAC members' input in the CCAP through meaningful engagement
- Incorporate and support jurisdictions' ongoing community engagement efforts
- Inform and create awareness with community members throughout COG members' jurisdictions and the MSA

Tools

- Website, Project Materials and Summary Sheet, Listening Sessions, Interviews/Small Group Discussions, Webinars, and options for social media, special workshops/forums/public meetings.

Key Audiences

- COG CPRG technical and steering committees
- Other COG committees
- Local, state, and regional government partners and industry partners
- Tribes
- Community members, Energy/Climate Advisory Committees, and Community-based organizations (CBOs)
- Advocacy groups representing and providing direct services to LIDAC, Equity Emphasis Areas (EEA), and Environmental Justice populations (EJ)

Indicators to Drive Approaches for LIDAC Engagement

- Limited English Proficiency
- Race
- Unemployment
- Low Income
- Education level

Engagement Update: Solar Forum Overview

- Hosted with the Mason Energy, a George Mason University Initiative
- One-day workshop October 28
- ~75 attendees



<https://www.mwcog.org/events/2024/10/28/clean-energy-forum-focus-on-solar/>



Learning From Regional Successes

- Rev. Jon Strand, Church of the Holy Comforter
- Jennifer Rokasky, Prince William County Schools
- Robert Lazaro, Northern Virginia Regional Commission
- Joshua Schimpf, Stafford County Schools
- John Morrill, Fairfax County



Active Work Sessions for Key Deliverables

Key Deliverables

- Memo that captures the challenges and what works and what does not work, including an overview of case studies with key relevant information
- Start of an Action Plan Framework (“*Solar Roofmap*”) that will map out workstreams and actions to address key challenges that need to be overcome to accelerate solar deployment in the region

Session 1: Project Economics and Funding

- Vote on which project type(s) to focus on
- Rank key challenges for discussion (based on pre-event survey)
- Identify solutions

Session 2: Permitting and Interconnection

- Vote on which project type(s) to focus on
- Rank key challenges for discussion (based on pre-event survey)
- Identify solutions

Session 3: Action Framework Planning

- For key solutions, identify supporting short term actions
- Confirm the who, the what and the when
- Commit to action and continued discussion

Ongoing and Immediate Next Steps

Ongoing

- Finalize draft CCAP engagement plan, will seek input from COG members
- Updating GHG inventories and projections
- Revisiting measures list/actions seeking input from ACPAC, CEEPC, BEEAC and TBP
- Solar Forum Deliverables
- Planning for EV Forum in January 2025

Immediate Next Steps - 2024

- Take any feedback on draft measures and actions from PCAP:
<https://www.mwcog.org/documents/2024/03/01/priority-climate-action-plan/> - **Share with Jeff King (jking@mwcog.org) and Deb Harris (deb.harris@icf.com)**
- Kick off CCAP engagement

2025 Steps

- Technical Analysis
- Continued Public, LIDAC, and Stakeholder Engagement
- Plan drafting

Jeff King

Director, Climate, Energy, and Air Programs

(202) 962-3238

jking@mwkog.org

mwkog.org

777 North Capitol Street NE, Suite 300

Washington, DC 20002