

# EPA CLIMATE POLLUTION REDUCTION GRANT PROGRAM

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## Comprehensive Climate Action Plan Update and Stakeholder Engagement

Deb Harris  
ICF

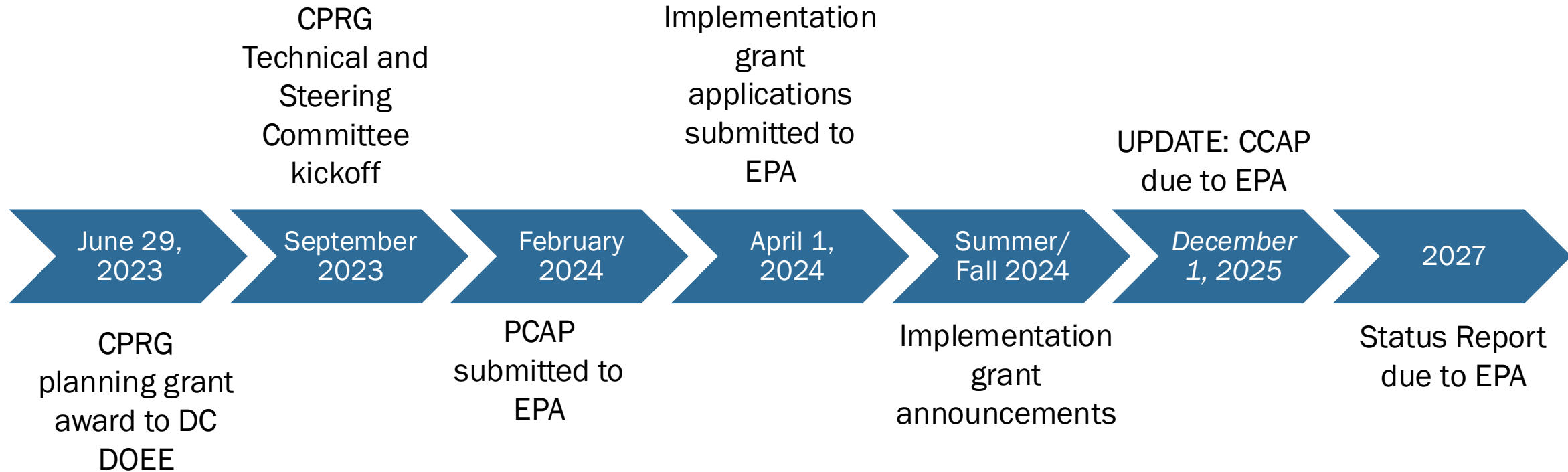
Climate Energy and Environment Policy (CEEPC) Meeting  
Agenda Item 5

November 20, 2024



Metropolitan Washington  
**Council of Governments**

# 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

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- 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.

# The CCAP Ask for CEEPC Members

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- Is there anything missing, do you have any edits or additions to the PCAP measures and actions that we should consider for the CCAP?

<https://www.mwcog.org/documents/2024/03/01/priority-climate-action-plan/>

- The final list of measures will inform our greenhouse gas and air quality benefits, LIDAC, and workforce development analyses, which are the next steps in the CCAP planning process that we will coordinate with you on in 2025.
- Please send input by December 13<sup>th</sup> to **Jeff King ([jking@mwcog.org](mailto:jking@mwcog.org))** and **Deb Harris ([deb.harris@icf.com](mailto:deb.harris@icf.com))**

# 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/>





# Solar Forum - Learning From Regional Successes

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- 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

## Solar Forum 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

# CCAP Ongoing and Immediate Next Steps

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## 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](mailto:jking@mwcog.org)) and Deb Harris ([deb.harris@icf.com](mailto:deb.harris@icf.com))**
- Kick off CCAP engagement

## 2025 Steps

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

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