

EPA CLIMATE POLLUTION REDUCTION GRANT (CPRG) PROGRAM UPDATE

Item #6: MWAQC Technical Advisory Committee

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Implementation Grants Competition

Notice of Funding Opportunity (NOFO) Request for Applications:

- Grants **must implement GHG reduction** programs, projects, and measures **identified in a PCAP** developed under CPRG planning grant.
- GHG reduction measures may **reduce GHG emissions or enhance carbon removal**.
- Applications evaluated for **benefits to low-income and disadvantaged communities**.
- Outputs may be quantitative or qualitative.

EPA anticipates grant applications for the following:

- New, independent GHG reduction measures funded by CPRG alone;
- Expansions of ongoing GHG reduction measures funded partly by CPRG; and,
- New GHG reduction measures needing CPRG funding to complete total implementation.

Funding & Expected Awards

For general competition

- EPA anticipates awarding 30 to 115 grants ranging between \$2 million and \$500 million.
- Grants expected to be awarded within 5 tiers, with funds targeted for each tier.
- Total amount requested will determine tier application evaluated at.

Tier	Grant Ranges	Funds Targeted for Each Tier	Anticipated Number of Grants to be Awarded
Tier A	\$200,000,000 – \$500,000,000	\$2 billion	4-10
Tier B	\$100,000,000 – \$199,999,999	\$1.3 billion	6-13
Tier C	\$50,000,000 – \$99,999,999	\$0.6 billion	6-12
Tier D	\$10,000,000 – \$49,999,999	\$0.3 billion	6-30
Tier E	\$2,000,000 – \$9,999,999	\$0.1 billion	10-50

Implementation Grant Eligibility

- Each eligible applicant is limited to submitting two grant applications: one as the individual applicant and one as the lead applicant for a coalition. Applicants may participate in more than one coalition but may only serve as lead applicant for one coalition.
- EPA anticipates awarding no more than two grants to applicants at the same level of government within a single jurisdiction (e.g., a single state, municipality, tribal area, or territory). In addition, EPA will make selections to ensure diverse geographic coverage of CPRG implementation funding across the different funding tiers.
- EPA will not award multiple grants to implement the same measure in the same location; therefore, communication and coordination between entities that may be considering applying to fund similar measures should occur prior to applications being submitted.

PCAP Development

Initial Deliverable: Priority Climate Action Plan (PCAP)

- Narrative report includes focused list of near-term, high-priority, implementation-ready measures
- Initial plans can focus on specific sector or selected sectors
- Implementation schedule and metrics for tracking progress
- Comprehensive list sources of GHG emissions and sinks not required

Planning recipients encouraged to include the following additional analyses:

- GHG emissions projections and reduction targets
- Benefits analysis (for the full geographic scope and population covered by the plan)
- Plan for leveraging other federal funding
- Workforce planning analysis

PCAP Measure Development

Measure Framework

- Priority measures need to be determined for inclusion in the PCAP
- Must reduce GHG emissions in short-term, 2-5 years
- Longterm reduction measures only required for 2nd phase (CCAP)
- Integrate GHG reduction strategies already identified as priorities
- Cost-effectiveness / Demonstrate federal funding gaps if available
- Conduct LIDAC benefits analysis
- Focus on measures with authority to implement*
- Project framework is generally versatile

**Process can include initial necessary planning, studies, assessments, software, etc.*

GHG Reduction Measure Examples

Transportation Sector

- Promotion of electric vehicles and charging infrastructure
- Updating building and zoning codes for sustainable development

Electric Power Sector

- Installation of renewable energy on municipal facilities
- Streamlining permitting for renewable energy projects

Buildings Sector

- Programs to promote building electrification
- Adoption of up-to-date energy codes

Other eligible sectors include **Industrial Sector; Waste, Water, and Sustainable Materials Management Sector; Agricultural Sector; Carbon Removal Measures.**

Strategies Identified

Mitigation Actions Focus

- Planning
- Equity*
- Clean Electricity
- Zero Energy Buildings
- Zero Emission Vehicles
- Zero Waste
- Mode Shift and Travel
- Sequestration

**All measures require low-income and disadvantaged communities benefit analysis for PCAP and CCAP*

Table ES-1: Metropolitan Washington Priority Collaborative Mitigation Actions

Climate Action Area	Action ID	Priority Collaborative Action
Planning	PL - 1	Advance Climate Planning and Track Progress
Equity	EQ - 1	Enable Equitable Planning Practices
	EQ - 2	Prioritize Sustainable Energy Access for All
Clean Electricity	CE - 1	Advocate for Aggressive Renewable Portfolio Standards
	CE - 2	Accelerate Development of On-Site Renewables
	CE - 3	Accelerate Deployment of Battery Storage
	CE - 4	Accelerate Development of Microgrids for Critical Infrastructure
	CE - 5	Accelerate Development of Large-Scale Off-Site Renewables
	CE - 6	Advocate for and Implement Community Choice Aggregation
Zero Energy Buildings	ZEB - 1	Expand Building Benchmarking Requirements
	ZEB - 2	Accelerate Deep Building Retrofits
	ZEB - 3	Enhance Green Building Codes and Policies to Facilitate Net Zero Energy Building Development
	ZEB - 4	Expand Proper Disposal and Leak Detection of Refrigerants
Zero Emission Vehicles	ZEV - 1	Expand Light-Duty Electric Vehicle Deployment
	ZEV - 2	Accelerate Electrification of Medium- and Heavy-Duty Vehicles
	ZEV - 3	Build Out Regional Electric Vehicle Charging Network
Mode Shift and Travel Behavior	MSTB - 1	Invest in Infrastructure that Increases Transit, Carpooling, and Non-Motorized Travel
	MSTB - 2	Bring Jobs and Housing Closer Together
	MSTB - 3	Enhance Options for Commuters
Zero Waste	ZW - 1	Implement Curbside Organics Recycling Programs
	ZW - 2	Reduce Solid Waste Generation
	ZW - 3	Build Markets for Circularity
Sequestration	SQ - 1	Strategically Plant New Trees on Publicly Owned Land
	SQ - 2	Enhance Regulatory Capacity to Manage Tree Canopy and Forest Protection
	SQ - 3	Enhance Incentives and Financing Mechanisms for Tree Planting and Preservation on Privately Owned Lands

Source: Metropolitan Washington 2030 Climate and Energy Plan

Project Template Proposal Preview

Expect to include the following information:

- Project concept title, description, and sector(s)
- Strategy title (from identified strategies)
- Direct project/program or supportive of other?
- Policy requirements, is project currently feasible?
- Approach to implementation
- Lead agency and legal authority (include collaborating agencies)
- Budget/Cost and how funding to be leveraged
- Details on GHG, LIDAC, equity, and workforce impacts (plan to assess)
- Expected outputs and outcomes (results and effects of program/project)

Project/Program Proposal Example

Project Title: *Expand Solarize Programs*

Project Description: Expand Solarize Programs to more households across the region.

Strategy Title: Expand deployment of on-site renewables. Prioritize Sustainable Energy Access for All. Accelerate Deep Building Retrofits.

Sector: Residential Built Environment, Renewable Energy/Solar

New or Expand Existing: Expansion of existing program. Could also launch new programs.

Policy Requirements: No new policies are required.

Implementation Approach: Lead applicant will directly fund the existing program through an Agreement with Project Partners. Procurement to on-board a Contractor(s). Home-owners and businesses would be eligible for direct payment for hardware and installation of solar systems and efficiency upgrades. Include funding for marketing, education, and training.

Lead Agency: TBD

Partners, Subrecipients, other program beneficiaries: TBD

Budget/Cost: Goal of 300 system installed in 3 years, workforce program, outreach \$4.5 million

Example Proposal Continued

EXAMPLE Project Title: *Expand Solarize Programs*

Leverage Funding Sources: The CPRG funding would leverage existing utility program funding to rapidly expand the program offering. Other funding sources could include the Solar For All Program under the EPA GGRF. EECEBG funds may be eligible to fund program as well.

GHG Impact: Use PJM emission factor to estimate GHG reduction for every KWH of on-site solar generated. Energy efficiency component of this program also results in emission reductions. Programmatic outputs and outcomes to be determined.

LIDAC Impact: The program will directly impact designated LIDAC communities for project implementation. See attachment for details of specific LIDAC locations identified.

Equity Impact: The program will positively contribute toward equity in the area by making renewable, solar energy more affordable for all, consequently lowering energy costs for households who spent a disproportionate amount of their income on energy costs.

Workforce Impact: The program will provide new training opportunities for workforce development to install and provide solar technology. Workforce analysis TBD.

Overall Timeline

Schedule

- November 13 - Kickoff meeting of Steering and Technical Committees
- December 1 - Members provide feedback on strategies and inputs for projects/measures
- December TBD – Special Engagement with CBOs, key stakeholders
- December TBD – Technical Committee meeting – Discuss Projects/Measures
- December TBD – Mid-course check in with Steering Committee – Review list of Projects/Measures
- January TPB – Technical Committee meeting – Review Draft PCAP
- January TPB – Steering Committee meeting – Approve Final Draft PCAP
- February – COG and ICF Complete PCAP and submit by March 1, 2024

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