

Work Program Areas – Detailed Descriptions				
I.B. Built Environment and Energy Advisory Committee				
PROGRAM AREA	FUNDING SOURCES			
	Regional Environmental Fund	COG Member Fees & Funds	Grants or Other	Total
Climate and Energy	\$99,370	\$71,757	\$0	\$171,127
Committee Oversight: CEEPC Program Manager: Jeff King, Leah Boggs Staff Resources: Isabel Ricker, Maia Davis, Amanda Campbell				
<p>Activity Description Any solution to reduce emissions in the region must address the built environment, which consumes a majority of the energy supplied in the metropolitan Washington region. The Built Environment and Energy Advisory Committee (BEEAC) will focus on serving as the technical committee to CEEPC, providing resources and direct services to members to assist in their efforts to meet work plan goals; providing a forum for networking and sharing best practices; and serving as the Regional Emergency Support Function #12 (Energy).</p> <p>Outcomes/Major Projects</p> <p><u>Policy</u> Identify and recommend state, local, and regional energy policies or programs.</p> <p><u>Implementation</u></p> <ul style="list-style-type: none"> • Support the Built Environment and Energy Advisory Committee (BEEAC): Eleven meetings annually (including conference calls, webinars or tours) <ul style="list-style-type: none"> ○ Review and advance policies and initiatives to CEEPC ○ Assist in preparation and recommendation of annual work program ○ Facilitate annual member survey ○ Provide information for Annual Progress Report ○ Maintain an up-to-date Resource Guide ○ Conduct annual utility data collection and analysis • Support the Regional Emergency Support Function 12 (RESF-12): Subcommittee meetings as required <ul style="list-style-type: none"> ○ Conduct RESF-12 Plans Review and Update • Provide technical reviews and recommendations for the MSWG 				

Work Program Areas – Detailed Descriptions				
I.C. Energy Infrastructure, Efficiency, and Renewables				
PROGRAM AREA	FUNDING SOURCES			
	Regional Environmental Fund	COG Member Fees & Funds	Grants or Other	Total
Climate and Energy	\$166,040	\$119,900	\$81,200	\$367,140
Committee Oversight: CEEPC, BEEAC, EV Workgroup, RESF-12 Program Manager: Jeff King Staff Resources: Maia Davis, Isabel Ricker, Leah Boggs, Amanda Campbell				
<p>Activity Description Working with CEEPC, BEEAC, and stakeholders, staff will explore opportunities to reduce demand for energy, develop clean, alternative energy sources, and improve energy reliability in both the government and private sectors. COG will partner with industry and other stakeholders to explore new technologies and opportunities of implementing them in the metropolitan Washington region.</p> <p>Outcomes/Major Projects</p> <p><u>Policy</u> Identify, recommend, and assist in implementation of state, local, and regional energy infrastructure policies or programs, including alternative fuel vehicles, distributed energy, energy efficiency and renewable energy.</p> <p><u>Implementation</u></p> <ul style="list-style-type: none"> • Foster high performance buildings and promote green building policies. <ul style="list-style-type: none"> ○ Promote best practices in building efficiency and energy use monitoring, benchmarking, using online and software tools ○ Foster energy project financing initiatives, including the PACE workgroup ○ Promote and support efficiency investments, including efficient outdoor lighting retrofits • Evaluate and document efficiency and renewable energy program impacts • Pursue and implement programs and projects that improve or enhance energy infrastructure, including microgrids, smartgrid/smart cities, community energy planning, and distributed generation <ul style="list-style-type: none"> ○ Foster use of microgrid planning tools • Promote and support renewable energy deployment (solar, wind, geothermal) <ul style="list-style-type: none"> ○ Coordinate with regional solar energy initiatives, including the Rooftop Solar Challenge and Solar Market Pathways projects ○ Promote regional consistency and adoption of best practices in solar PV permitting, zoning, financing and market development ○ Support outreach and education for residential solar bulk purchasing programs ○ Identify and foster opportunities to further deploy solar energy systems (e.g., Housing Authorities, Commercial sector) • Support energy planning for critical infrastructure, energy security and energy assurance planning <ul style="list-style-type: none"> ○ Participate in energy emergency and infrastructure protection workgroup meetings • Support the Use of Alternative Fueled Vehicles (AFVs) and the Development of Alternative Fuels 				