

WORKPLAN REVIEW PART 1																		
2009-2012 Regional Climate Action Workplan																		
COMMITTEE REVIEW DRAFT DO NOT CITE OR QUOTE		Target Date for Completion																
		2009				2010				2011				2012				Emission Impact
		4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th				
Recommendations	Performance Measures	Responsible Parties														Emission Impact		
Legend																		
Orange Proposed Deletion																		
Blue Proposed Addition or Revision																		
ROW ID	I. Regional Greenhouse Gas Reduction Goals/Plans																	
1	1. 2012: Reduce Emissions to 2005 Levels																	
2	a) Reduce emissions of greenhouse gases in the region to 2005 levels by 2012.	Local Governments, COG, Community (Business and Individuals)														X		
3	b) CEEPC identifies work program priorities for the year.	CEEPC														Yes		
4	b) COG prepares progress report with annual updates on meeting the 2012 goal.	COG																
5	c) 50% of jurisdictions prepare government and community wide greenhouse gas inventories.	Local Governments																
6	d) 100% of jurisdictions prepare government and community wide greenhouse gas inventories.	Local Governments																
7	e) 50% of jurisdictions prepare plan to reduce greenhouse gas emissions from government operations, including adopting a reduction target.	Local Governments														Yes		
8	f) 100% of jurisdictions prepare plan to reduce greenhouse gas emissions from government operations, including adopting a reduction target.	Local Governments														Yes		
9	g) 50% of jurisdictions prepare community-wide plans to reduce greenhouse gas emissions.	Local Governments																
10	h) 100% of jurisdictions prepare community-wide plans to reduce greenhouse gas emissions.	Local Governments														Yes		
11	2. 2020: Reduce 20% below 2005																	
12	a) COG prepares plan to meet 2020 Goal.	COG														Yes		
13	3. 2050: Reduce 80% below 2005																	
14	II. Energy																	
15	Local/Regional Strategies for Government and Business																	
16	A. Improve Energy Efficiency in Buildings																	
17	1. Implement COG Green Building Policy																	
18	a) 100% of jurisdictions adopt and implement COG Green Building Policy for achievement of goal that all new public-sector buildings achieve at least LEED Silver levels and all private-sector commercial buildings meet a regional LEED-certified plus standard or equivalent.	Local Governments, IGBG, USGBC														Yes		
19	b) Intergovernmental Green Building Group (IGBG) proposes COG Green Building Policy Recommendations for schools and residential buildings.	IGBG																
20	2. Set energy performance goals for govt buildings, new and existing																	
21	a) 80% of jurisdictions benchmark energy performance in all government buildings.	Local Governments																
22	b) 60% of jurisdictions disclose energy performance in all government buildings.	Local Governments																
23	3. Identify best practices to reduce local govt energy use by 15% by 2012 MOVE TO SECTION B BELOW																	
24	a) 100% of jurisdictions reduce energy use by 10% below business-as-usual by 2012.	Local Governments														Yes		
25	b) 100% of jurisdictions submit data to COG regarding energy efficiency program implementation.	Local Governments, COG																

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26	4. Develop incentives for retrofitting existing buildings, commercial and residential															
27	<i>a) 60% of jurisdictions have programs in place to support home energy retrofits, such as financing incentives, grants, or technical assistance.</i>	Local Governments, State Energy Offices, Weatherization Programs, Maryland Clean Energy Center, COG										X				Yes
28	<i>b) All three states standardize training and certification of auditors and contractors, facilitating reciprocity across the region.</i>	State Energy Offices, Weatherization Programs, Community Colleges, Building Performance Institute, RESNET			X											
29	<i>c) 35% of jurisdictions develop and implement Home Energy Loan Programs.</i>	Local Governments, COG, Maryland Clean Energy Center, State Energy Offices, Private Sector										X				Yes
30	<i>d) COG prepares a feasibility study on a regional financing option to support Home Energy Loan Program.</i>	COG			X											
31	<i>e) 10,000 residential units retrofitted annually to achieve a 5-10 percent energy saving.</i>	Community					X								X	Yes
32	<i>f) 500-1000 residential units retrofitted annually to achieve a 10-30 percent energy saving.</i>	Community					X								X	Yes
33	<i>g) 50% of jurisdictions have commercial building energy usage benchmarking requirements.</i>	Local Governments													X	
34	<i>h) 250 buildings retrofitted annually to achieve a 5-10 percent energy savings.</i>	Community					X								X	Yes
35	<i>i) 100 buildings retrofitted annually to achieve a 10-30 percent energy savings.</i>	Community					X								X	Yes
36	5. Develop affordable energy efficiency programs for homeowners and businesses															
37	6. Promote use of energy efficient appliances															
38	<i>a) 30% of jurisdictions implement incentive programs to encourage purchase of new energy efficient appliances.</i>	State or Local Governments, Utilities											X			Yes
39	7. Revise state and local building codes to promote energy efficiency															
40	<i>a) IGBG evaluates and develops recommendations for enhancements to building codes for energy efficiency.</i>	IGBG, Local Govts												X		
41	8. Develop green affordable housing policies/programs															
42	<i>a) IGBG evaluates and develops recommendations for development of green affordable housing policies/programs.</i>	IGBG, Local Govts												X		
43	9. Identify best practices for improving efficiency for public and private buildings															
44	<i>a) 3 regional pilots implemented for LEED-EB Operations and Maintenance.</i>	Local Governments, Private Sector												X		Yes
45	B. Reduce Demand for Energy															
46	1. Identify best practices to reduce local govt energy use by 15% by 2012 (RELOCATED)															
47	<i>a) 100% of jurisdictions reduce energy use by 10% below business-as-usual by 2012.</i>	Local Governments													X	Yes
48	<i>b) 100% of jurisdictions submit data to COG regarding energy efficiency program implementation.</i>	Local Governments, COG		X				X				X				
49	2. Partner with electric, gas and water utilities on regional energy conservation															
50	<i>a) 30% of jurisdictions partner with utilities to implement smart grid technology.</i>	State or Local Governments, Utilities					X									Yes
51	<i>b) COG partners with utilities and government to track home energy retrofits and smart grid implementation.</i>	COG, State and Local Government, Utilities					X							X		
52	3. Expand recycling programs															

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53	a) Region increases diversion rate (percent of waste diverted from landfills/incinerators) from 30 to 40%.	Local Governments, Residents, Businesses												X		Yes
54	4. Reduce energy use at area water and wastewater treatment plants and landfills															
55	5. Promote energy efficient streetlights across the region															
56	a) 60% of jurisdictions implement a program to replace older street lights with new more efficient technology.	Local Governments, COG, Clinton Climate Foundation, Utilities, Vendors											X			Yes
57	6. Promote regional energy performance contracting and expand through cooperative purchasing															
58	b) 50% of jurisdictions have experience with energy performance contracting.	Local Governments, ESCOs											X			Yes
59	7. Explore opportunities to remove the disincentive for utilities to invest in energy conservation				X											
60	C. Promote Clean Energy Sources															
61	1. Adopt a goal of 20 percent renewable energy purchase by local governments by 2015															
62	a) 100% of jurisdictions purchase or consume 10 percent renewable energy by 2012.	Local Governments, Power Purchase Groups, COG, Utilities, Green Power Providers										X				Yes
63	b) 75% of local governments install renewable energy system on government buildings.	Local Governments, Green Power Companies							X							Yes
64	c) 50% of jurisdictions assist or incentivize consumer purchase of renewable energy, such as Clean Energy Rewards Program.	Local Governments										X				
65	d) 25% of consumers purchase renewable energy.	Consumers, Utilities, Green Power Providers													X	Yes
66	d) 50% of consumers purchase a portion of their electricity from renewable energy.	Consumers, Utilities, Green Power Providers													X	Yes
67	2. Evaluate regional cooperative purchase to meet the 20% renewable purchase goal															
68	3. Examine options for removing non-financial barriers to implementing renewable energy, e.g., solar panels															
69	a) 75% of jurisdictions prepare plans, employ incentives, and implement government projects to increase deployment of renewable energy technology.	Local Governments										X				Yes
70	b) All state and local jurisdictions remove barriers to implementing renewable energy by the private sector, e.g., solar panels.	Federal, State, and Local Government													X	
71	c) 1000 residential, commercial, or govt buildings have renewable energy systems installed.	Federal, State, and Local Government, Private Sector					X									Yes
72	d) 5000 residential, commercial, or govt buildings have renewable energy systems installed.	Federal, State, and Local Government, Private Sector								X						Yes
73	e) 10000 residential, commercial, or govt buildings have renewable energy systems installed.	Federal, State, and Local Government, Private Sector													X	Yes
74	4. Explore the possibility of implementing a community energy planning process in the region															
75	a) Northern Virginia Regional Commission completes pilot community energy strategy in Northern Virginia.	NVRC, Local Government					X									
76	5. Develop a regional inventory of renewable energy capacity and production, including solar, geothermal, district heating/cooling, wind, and biofuels						X									
77	D. Reduce Non-CO ₂ Greenhouse Gas Emissions															
78	1. Best practices to reduce methane and biosolids from wastewater treatment facilities															
79	a) 100% of wastewater facilities identify and implement best practices to reduce methane and biosolids from wastewater treatment facilities. Evaluate the potential for reducing greenhouse gas emissions through methane recapture.	Wastewater Utilities, Water Resources Technical Committee										X				Yes
80	2. Adopt industry standard protocols to quantify greenhouse gas emissions and reductions for water and wastewater utilities															