Climate, Energy, and Air Survey Results

2016 Local Government Surveys

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Metropolitan Washington Air Quality Committee (MWAQC) September 28, 2016

Agenda Item #3

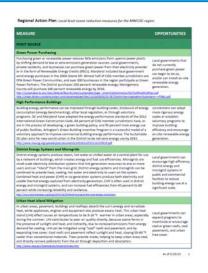


Regional Air Quality Action Plan

MWAQC Adopted May 2015

Purpose:

- Address the current and the future ozone NAAQS and to better protect public health
- Commitment to achieving reductions in air pollutant emissions through a broad range of costeffective control measures across multiple sectors
- Request COG staff to provide periodic updates on the status of implementation of the Plan



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Survey Background

- Annual surveys are designed to consolidate and streamline local government surveying on climate, energy, and air quality actions.
- Expanded 2016 survey to address all local actions in the MWAQC and CEEPC Regional Plans.
- 18 out of 22 surveys returned. Previous responses were used for the jurisdictions that did not respond.



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Point Source Action Progress

Local Government Actions	Goal	Implemented In Progress			
POINT SOURCE					
Green Power Purchasing		200			
Renewable energy system(s) on local government property	100%	86%			
EPA Green Power Partner	75%	50%			
EPA Green Power Community Partner	25%	23%			
High Performance Buildings (Energy Efficiency)					
Adopt green building policy	100%	68%			
Affordable housing green rehab program	50%	41%			
Green building incentives	35%	41%			
Green or "energy-aligned" lease terms	35%	18%			
Track or benchmark government building energy performance	100%	95%			
Disclose government building energy performance	75%	55%			
Energy plan for government facilities	75%	77%			
Conduct walk-through energy audits of government facilities	75%	91%			
District Energy Systems and Microgrids	ogrids				
Community energy planning initiative(s)	27%	23%			
Urban Heat Island Mitigation					
Cool roof on government property		36%			
Green roof on government property	75%	41%			
Adopt a tree canopy/forest cover goal	75%	82%			
Tree City USA	100%	73%			
Plan(s) for ecologically valuable green spaces	75%	82%			
Promote or incentivize heat island mitigation (e.g. green roofs, cool roofs, cool pavements, urban tree cover)	-	45%			
Adopt a green streets policy	50%	36%			

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Mobile Source Action Progress

Local Government Actions	Goal	Implemented In Progress
MOBILE SOURCE	7.	
Eco-Driving		
Eco-driving initiatives (e.g. public awareness campaigns, incentive programs, education or requirements for public fleets and contractors)		32%
Idling and Emission Enforcement		VI.
Idling regulations	100%	73%
Anti-idling and maintenance awareness programs	-	32%
Commute option program for local government workers	75%	77%
Regional employer-based and general public commute option program in all jurisdictions	100%	100%
Bicycle and Pedestrian Programs		
Bicycle/pedestrian plan	75%	86%
Complete streets policy	75%	50%
Electric and Alternative Fuel Vehicles		
Adopt a green fleet policy	75%	68%
Alternative fuel vehicle infrastructure project(s)	75%	64%
Parking Management		
Parking management feasibility/cost-benefit studies to identify options to reduce congestion or motorized trips	-	18%
Parking policies that reduce vehicle miles traveled		27%



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Additional Survey Results – CEEPC

REGIONAL GREENHOUSE GAS REDUCTION

Goal: To reduce the region's greenhouse gas emissions to 20% below 2005 levels by 2020.

c	Greenhouse Gas (GHG) Inventories and Plans		Status**	
Greenhouse Gas (GRG) Inventories and Plans		2013	2016	
1	100% of jurisdictions complete GHG inventories for government operations.	77%	77%	
2	100% of jurisdictions complete community-wide GHG inventories.	68%	1009	
3	100% of jurisdictions adopt GHG emission reduction plans for government operations.	68%	68%	
4	75% of jurisdictions adopt plans to reduce GHG emissions community-wide.	55%	55%	

BUILT ENVIRONMENT AND INFRASTRUCTURE

Goal: To reduce non-transportation energy consumption, which accounts for two thirds of the region's greenhouse gas emissions, by 20% below 2005 levels by 2020.

Implementation Actions:

E	- Filling	Status**	
Energy Efficiency		2013	2016
5	100% of jurisdictions track and/or benchmark energy performance in all government buildings.	95%	95%
6*	75% of jurisdictions participate in a regional <u>EPA Portfolio Manager</u> Master Account Sharing.	N/A	36%
7*	75% of jurisdictions disclose energy performance of all government buildings.	50%	55%
8*	75% of jurisdictions prepare an energy plan for local government facilities.	55%	77%
9*	75% of jurisdictions perform walk-through energy audits of local government facilities.	68%	91%
10*	50% of jurisdictions participate in <u>US DOE Better Buildings Challenge</u> which includes pledging to reduce 20% energy use in building(s).	9%	14%
11*	50% of jurisdictions develop a policy or ordinance to increase the energy efficiency of outdoor lighting in appropriate areas such as streets, parking lots, parks and/or signage.	41%	55%



Fleets for the Future

- F4F supports implementation of MWAQC Action Plan.
- Cooperative procurement of advanced and alternative fuel vehicles.
- Kicking off the initiative with a survey of interested public agencies to identify needs and interests.





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Discussion Questions

- Does this give you an adequate picture on the status of local action?
- Where do we need to inspire local action?



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