FY 2016 BEEAC Survey Results

Tables 1 and 2 compare FY 2015 and FY 2016 priorities indicated on the BEEAC surveys.
FY 2015 BEEAC Survey included 16 responses from 10 jurisdictions and 1 school district.
FY 2016 BEEAC Survey included 12 responses from 12 jurisdictions.

Table 1: Local Government Priorities Comparison

Focal Measure	Priority Ranking							
	FY 2015				**FY 2016**			
Solar and other RE	(3) Critical	(3) High	(8) Medium	(3) Low	(3) Critical	(7) High	(2) Medium	
Energy Efficiency	(5) Critical	(8) High	(2) Medium		(4) Critical	(8) High		
Benchmarking	(3) Critical	(6) High	(7) Medium		(1) Critical	(2) High	(4) Medium	(5) Low
Energy Infrastructure Financing	(2) Critical	(5) High	(2) Medium	(7) Low	(3) Critical	(2) High	(1) Medium	(6) Low
AFVs/Evs	(1) Critical	(7) High	(8) Medium		(2) Critical	(7) High	(2) Medium	(1) Low
Smart Grid		(2) High	(6) Medium	(7) Low		(1) High	(5) Medium	(6) Low
Microgrids		(1) High	(7) Medium	(6) Low	(1) Critical	(3) High	(1) Medium	(7) Low
Energy Resiliency		(6) High	(5) Medium	(4) Low		(5) High	(6) Medium	(1) Low
Energy Storage		(3) High	(2) Medium	(10) Low	(1) Critical	(1) High	(3) Medium	(7) Low
Utility Programs		(6) High	(4) Medium	(4) Low		(3) High	(5) Medium	(4) Low
Cooperative Purchase		(6) High	(4) Medium	(4) Low	(1) Critical	(4) High	(4) Medium	(3) Low
High Performance Buildings	(1) Critical	(7) High	(5) Medium	(3) Low	(2) Critical	(4) High	(4) Medium	(2) Low

Priority

FY 2016 local government priorities: solar and other renewable energy, energy efficiency, and AFVs/EVs.

Table 2: BEEAC Priorities Comparison

Focal Measure	Priority Ranking						
	FY 2015			FY 2016			
Solar and other RE	(5) High	(9) Medium	(1) Low	(3) Very High	(6) High	(3) Medium	
Energy Efficiency	(10) High	(4) Medium		(5) Very High	(5) High	(2) Medium	
Benchmarking	(7) High	(7) Medium			(4) High	(6) Medium	(2) Low
Energy Infrastructure Financing	(4) High	(5) Medium	(4) Low	(3) Very High	(3) High	(3) Medium	(3) Low
AFVs/Evs	(6) High	(9) Medium		(2) Very High	(6) High	(3) Medium	(1) Low
Smart Grid	(2) High	(7) Medium	(5) Low		(5) High	(5) Medium	(2) Low
Microgrids	(1) High	(7) Medium	(6) Low	(1) Very High	(4) High	(3) Medium	(4) Low
Energy Resiliency	(6) High	(6) Medium	(2) Low	(3) Very High	(5) High	(3) Medium	(1) Low
Energy Storage	(2) High	(8) Medium	(4) Low	(1) Very High	(2) High	(5) Medium	(4) Low
Utility Programs	(3) High	(5) Medium	(5) Low		(3) High	(5) Medium	(3) Low
Cooperative Purchase	(5) High	(6) Medium	(3) Low	(1) Very High	(2) High	(7) Medium	(1) Low
High Performance Buildings	(5) High	(6) Medium	(3) Low	(4) Very High	(3) High	(4) Medium	

Priority

FY2016 BEEAC priorities:
1. Renewable energy and solar - commercial and business community solar,
2. Energy efficiency - upgrades in existing buildings and residential engagement programs,
3. AFVs/EVs - development of regional recommendations regarding EV-ready design,
4. Energy resiliency - COG to assist where local governments have limited ability to act, and
5. High performance buildings.

Table 3: FY2016 Benchmarking Status

JURISDICTION	PRIORITY LEVEL	TRACKING AND/OR BENCHMARKING STATUS	DETAILS
DC	High	Government: 🟢 (Implemented)	Reporting deadline: April 1st of each year
		Commercial: 🟢 (Implemented)	Benchmarking help center
MARYLAND			
Bowie	Medium	Government: 🔵 (In Progress)	Energy benchmarking started for government facilities
		Commercial: 🟡 (Not Implemented)	Investigating Portfolio Manager for businesses as an item in City's Climate Action Plan
Frederick County	Low	Government: 🟢 (Implemented)	Tracking through Portfolio Manager but not benchmarking
		Commercial: 🟡 (Not Implemented)	
Greenbelt	Low	Government: 🟢 (Implemented)	Uses ICLEI's CACP
		Commercial: 🟡 (Not Implemented)	
Gaithersburg	Low	Government: 🟡 (Not Implemented)	Benchmarking expected to start soon
		Commercial: 🟡 (Not Implemented)	
Montgomery County	Critical	Government: 🟢 (Implemented)	23 facilities by June 1, 2015
		Commercial: 🟢 (Implemented)	Requires non-residential buildings (> = 250,000 sq. ft. by Dec. 2016) to benchmark and report to the County for disclosure.
Prince George's County	Low	Government: 🟢 (Implemented)	Reports to Portfolio Manager using EnergyCap
		Commercial: 🟡 (Not Implemented)	
Rockville	?	Government: 🟢 (Implemented)	Tracks energy consumption by all City utility accounts; In the process of entering data in Portfolio Manager
		Commercial: 🟡 (Not Implemented)	
Takoma Park	?	Government: 🔵 (In Progress)	Benchmarking through Portfolio Manager
		Commercial: 🟡 (Not Implemented)	
VIRGINIA			
Alexandria	Medium	Goverment: 🟢 (Implemented)	Completed portfolio-wide energy benchmarking of local government facilities
		Commercial: 🟡 (Not Implemented)	
Arlington County	High	Government: 🟢 (Implemented)	Transitioning Building Energy Report Cards to automatically link with EnergyCAP database in County's Open Data platform
		Commercial: 🟡 (Not Implemented)	
Fairfax County	Medium	Government: 🟢 (Implemented)	Reports to Portfolio Manager using EnergyCap
		Commercial: 🟡 (Not Implemented)	Under consideration
Loudoun County	Medium	Government: 🟢 (Implemented)	Reports to Portfolio Manager through EnergyCap; working towards data purification
		Commercial: 🟡 (Not Implemented)	

Implemented	🟢
In Progress	🔵
Not Implemented	🟡

Benchmarking status results included 13 responses from jurisdictions. Results taken from FY2016 BEEAC survey and email questionnaire.

2013-2016 Climate Action Plan (CAP) Goal

To reduce to reduce non-transportation energy consumption, which accounts for two thirds of the region's greenhouse gas emissions.

The CAP Goal Implementation Actions:

1. **100%** of jurisdictions track and/or benchmark energy performance in all government,
2. **75%** of jurisdictions participate in a regional EPA Portfolio Manager Master Account Sharing, and
3. **75%** of jurisdictions disclose energy performance of all government buildings.

CAP Goal Status

Benchmarking
54% or 12 out of 22 jurisdictions are tracking and/or benchmarking government facilities

MWCOG CAP Master Account
407 properties
5 jurisdictions and 1 school: DC, Alexandria, Arlington, Greenbelt, Rockville, and Loudoun County Public Schools

BEEAC FY2016 Legislative Priorities

1. Energy conservation
2. District/renewable energy
3. Emission reductions and tracking GHG regulation efforts
4. Solar
   a. Community solar regulation crafted in Maryland
   b. Renewal of federal tax credits for energy efficiency and solar
   c. Solar in the commercial market solar
5. Electric vehicles
6. Energy infrastructure
7. Energy storage
8. Energy resiliency
9. Smart grid
10. Regional energy financing market development

Recommended linkages to CEEPC and MSWG Outcomes

1. Energy storage
2. Micro-grids and energy resiliency
3. GHG emission reduction
4. Commercial benchmarking
5. Alternative vehicles
6. Energy infrastructure
7. Smart grid
8. Efforts to reach 2% reduction in existing buildings
9. Residential engagement