

**City of Cumberland**  
- Maryland -  
**RESOLUTION NO. R2015-09**

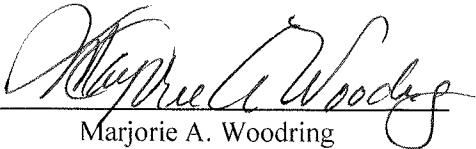
A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF CUMBERLAND TO ADOPT A POLICY CONCERNING THE USE OF RENEWABLE ENERGY SOURCES AS PART OF THE MARYLAND ENERGY ADMINISTRATION'S SMART ENERGY COMMUNITIES PROGRAM.

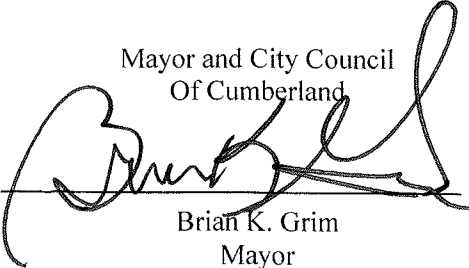
- WHEREAS,** in 2015, the **MAYOR AND CITY COUNCIL OF CUMBERLAND** ("City") applied for acceptance into the Maryland Smart Energy Communities program administered by the Maryland Energy Administration; and
- WHEREAS,** in June 2015, the City entered into an agreement with the Maryland Energy Administration under which the City was awarded a grant of \$45,452.00 for energy efficiency and conservation projects; and
- WHEREAS,** the goal of the Maryland Smart Energy Communities program is for local governments to adopt policies and commit to them for the long term, leading to sustained energy savings and additional opportunities for renewable energy development ; and
- WHEREAS,** through its participation in the Maryland Smart Energy Communities program, the City may receive grants to fund energy efficiency, renewable energy, or clean transportation projects, and may realize cost savings, improve its environmental performance, and stimulate better energy decisions among City departments; and
- WHEREAS,** both the program application and the grant agreement obligate the City to adopt certain policies, including a policy to utilize distributed, renewable sources to generate or displace at least 20% of its electricity (or electricity equivalent) by the year 2022; and
- WHEREAS,** the **MAYOR AND CITY COUNCIL OF CUMBERLAND** believes that by adhering to the Maryland Smart Energy Communities program, the City will demonstrate its commitment to being a socially responsible leader by decreasing its electricity consumption; and that investing in energy efficiency may result in significant monetary savings in the long term.

**NOW, THEREFORE, BE IT RESOLVED** by the **MAYOR AND CITY COUNCIL OF CUMBERLAND** that the Policy Concerning the Use of Renewable Energy Source, attached hereto as Exhibit A and incorporated herein by this reference, is hereby approved.

Given under our Hands and Seals this 20th day of October, 2015, with the Corporate Seal of the City of Cumberland hereto attached and duly attested by the City Clerk.

Attest:

  
\_\_\_\_\_  
Marjorie A. Woodring  
City Clerk

Mayor and City Council  
Of Cumberland  
  
\_\_\_\_\_  
Brian K. Grim  
Mayor

## EXHIBIT A

### CITY OF CUMBERLAND RENEWABLE ENERGY POLICY

**A POLICY DECLARING THE MAYOR AND CITY COUNCIL OF CUMBERLAND'S INTENT TO TAKE A LEADERSHIP ROLE IN RENEWABLE ENERGY GENERATION WITHIN THE CITY OF CUMBERLAND, PARTNERING WITH THE MARYLAND ENERGY ADMINISTRATION, AND ENROLLING AS A MARYLAND SMART ENERGY COMMUNITY.**

#### **I. PURPOSE**

- a) To become a Maryland Smart Energy Community by enrolling within the program and following the instructions provided by the State of Maryland.
- b) To reduce conventional centralized electricity generation serving local government buildings to meet 20% of those buildings' electricity demand with distributed, renewable energy generation by 2022.
- c) To develop and initiate a Renewable Energy Action Plan to map out how the community will work reach its Renewable Energy Goal.
- d) To report renewable energy action efforts, electricity consumption and renewable generation capacity annually to the Maryland Energy Administration in order to assure that the City of Cumberland accomplishes said goals in a timely fashion.

#### **II. DEFINITION**

- a) *Baseline* – Total electricity consumption (kWhs) in a pre-determined baseline year. May include streetlights, but is not mandatory. Must include all buildings as well as sewer and water facilities.
- b) *City* – The City of Cumberland, Maryland.
- c) *Electricity Consumption* – The amount of kilowatt-hours (kWhs) consumed by the City of Cumberland on an annual basis including electricity generated and used on-site and electricity purchased from a utility.
- d) *Renewable Energy* – Energy generated from anyone of the following sources: solar, wind, biomass (excluding saw dust), methane from anaerobic digestion of organic materials, geothermal, ocean, fuel cells powered by methane or biomass, poultry litter, and waste-to-energy facilities.
- e) *Renewable Energy Action Plan* – Provides details on current and future electricity consumption, estimates required renewable energy production to meet 20% of said energy consumption, and designs plans with detailed installation measures and time tables that enable the City of Cumberland to reach its 2022 goal.

### **III. BASELINE DOCUMENTATION**

- a) The baseline including data related to the specific time period, electricity consumption, building size, and results will be completed by November 2, 2015 and can be found as an appendix to later be attached to this document titled, "MSEC – Baseline City of Cumberland FY2014"

### **IV. GUIDELINES**

- a) The City will maintain an annual electricity consumption inventory for all City owned buildings and energy consuming entities. This annual inventory will be conducted using Energy Star Portfolio Manager (or equivalent energy management program previously approved by the Maryland Energy Administration).

#### **b) PLANS AND IMPLEMENTATION**

- a) The City will additionally conduct a Renewable Energy Action Plan to assess the amount of renewable energy that currently exists within the City of Cumberland. Any currently existing renewable energy will be included within the 20% reduction goal. For example, if the City determines from the Renewable Energy Action Plan that it already meets 3% of its energy consumption needs with renewable energy, only an additional 17% of renewable energy production would be required in order to meet the City's final goal.
- b) Finally, the City will make a good faith effort to implement the necessary projects in order to ensure that a minimum of 20% of local government building's energy consumption is supplemented by locally generated renewable energy sources by the year 2022.
- c) All inquiries should be directed to the person responsible for implementing this policy. The City Administrator and/or their designee will implement this policy.
- d) This policy applies to all departments of the **MAYOR AND CITY COUNCIL OF CUMBERLAND** with the exception of the exclusions outlined in the definitions above.

#### **c) GOOD FAITH EFFORTS**

- a) The City will make good faith efforts to implement, where practicable, renewable energy projects and practices to meet the goal as stated herein. However, should the City not achieve the adopted goals within the appropriate time-frames, MSEC grant funding will not be rescinded.

## **APPENDIX I**

“MSEC – Baseline City of Cumberland FY2014”

"MSEC – Baseline City of Cumberland FY2014"

In FY14 total electricity consumption (all facilities including the Evitts Creek Water Company in PA) totaled 8.9 million kWh. The WWTP accounted for 57 percent of the energy consumption. For the purposes of this Maryland Smart Energy Communities (MSEC) program the PA accounts are removed, and the official FY14 baseline equals 7.14 million kWh consumed. The MSEC goal is to make efforts to reduce electricity consumption by 1,071,597 kWh (15%) by FY 2019\*. The City of Cumberland has already experienced a 4% reduction between FY 14 and FY 15.

For the renewable energy goal under the MSEC program, the City's goal is to make efforts to generate 1,428,796 kWh (20% of baseline) from renewable energy by 2022.

Information on types of energy efficiency and renewable energy improvements will be included within the City of Cumberland Energy Reduction and Renewable Energy Plan.

**Existing Improvements:**

Energy reduction projects were completed in 2011-2013 from which the City experienced electricity reductions as a result. These reductions are not captured in the baseline data above due to the limited information that was available by the electric company (Potomac Edison and other suppliers). Other energy reduction projects were completed in 2014 and 2015 and are expected to be reflected in future measurements in relation to the FY14 baseline above and will be applied to the City's goal.

The energy improvements to date include primarily the installation of replacement lighting that is more energy efficient than what had existed. These projects are primarily one-time projects implemented as funding is available or introduced.

Lighting projects completed/when:

**In 2011 the City qualified for EECDBG funding. This funding was used for exterior and interior lighting retrofit within select street lights, City Hall Plaza and the WWTP:**

	# Lights	Type	# Lights	Type
Lights	87	175 watt	87	35 watt LED
Lights	180	70 watt high pressure sodium	124	25 watt T8 Fluorescent w/ occupancy sensors
Energy (kWh)				
Costs/Savings				

**In 2013 through a Potomac Edison reimbursement (incentives) program (GreenerVolts) the City's Central Services staff replaced 89 City owned street lights with high pressure sodium to LED lamps**

	# Lights	Type	# Lights	Type
<b>Lights</b>	89	250 watt high pressure sodium	89	MA-40 LED Lamps
<b>Energy (kWh)</b>				
<b>Costs/Savings</b>				<i>EST. ANNUAL SAVINGS \$2,980</i>

Four lighting replacement projects were conducted in 2014 including: LED lighting replacements at the WWTP (interior and exterior)

	# Lights	Type	# Lights	Type
Lights		T8 Fluorescent HPS & MH Lamps		MA Series LED Tubes & Lamps
Energy (kWh)	247,880		65,395	
Costs/Savings	\$24,292		\$6,408	EST. ANNUAL SAVINGS \$17,884

LED Upgrade (exterior lighting) at the Municipal Service Center parking lots, Public Safety parking lot, and Smith Park

	# Lights	Type	# Lights	Type
Lights		HPS & Incandescent lamps		MA Series & PAR38 LED Lamps
Energy (kWh)	102,211		22,963	
Costs/Savings	\$10,017		\$2,250	EST. ANNUAL SAVINGS \$7,766

LED Upgrade (exterior lighting) at the Frederick Street Parking Garage

	# Lights	Type	# Lights	Type
Lights	58	HPS Lamps 100 watt	58	MA-30 Lamps 30 watt
	7	HPS Lamps 70 watt	7	MA-18 Lamps 18 watt
Energy (kWh)	27,474		8,150	
Costs/Savings	\$2,693		\$799	EST. ANNUAL SAVINGS \$1,894

LED Upgrade (exterior lighting) at the George Street Parking Garage

	# Lights	Type	# Lights	Type
Lights	952	Fluorescent Tubes	476	LED Tubes
	46	HID Lights	46	LED Lamps
Energy (kWh)	524,876		86,678	
Costs/Savings	\$51,437		8,495	EST. ANNUAL SAVINGS \$42,942

One energy reduction project was completed in 2015 (FY 2016). The savings from the following project will be captured in future electric consumption inventory reviews.

In 2015 lighting replacements occurred within the Public Safety Building at 20 Bedford Street

	# Lights	Type	# Lights	Type
Lights	2,222	T8 Fluorescent	1,494	LED Tubes & Lamps
Energy (kWh)	173,409		63,601	
Costs/Savings	\$16,994		\$6,233	EST. ANNUAL SAVINGS \$10,761

\*Should the City add new buildings, reduction calculation will be based on a gross square footage data.

Type	Year Built	Square Foot	Building	Dept	Location	Address	Age of Lighting	Age of HVAC	Insulation	New Pacomac Edison	Usage (KWH) (July 1 to June 30)	Usage (KWH) (July 2013 to June 2014) BASELINE YEAR	KWH/SF
Building	1911	16,518	City Hall	Admin	57 N Liberty Street	1990's fluorescent T8		NA	NA	110,084,293,134	2,783.00	2,715.00	0.17
Building	1926	3,766	south end fire station	Fire	300 E. Third Street	2014 LED	2014	Partial	Partial	110,083,194,123	19,812.00	17,933.00	5.26
Building	1924	3,766	east side fire station	Fire	403 Frederick Street	not updated	NA	NA	NA	110,085,896,501	1,027.00	882.00	0.27
Building	1975	72,816	Public Safety Building	Admin	20 Bedford Street	2015 LED	Unit 1: Unit 2:	NA	NA	110,085,097,134	579,840.00	612,088.00	7.96
Building	1926	3,766	19 Frederick Street		19 Frederick Street	NA - old bldg our of service	NA	NA	NA	110,084,364,279	224.00	191.00	0.06
Building	1960/1998 Updated	3,600	Municipal Service Center	PW	215 Bowen Street	1998 fluorescent T8		NA	NA	110,085,832,050	197,620.00	200,100.00	54.89
Building	1990	480	Constitution Park johnnie long ball field	P&R	Williams Street	2 LED flood lights	Field Bldg NA	NA	NA	110,081,532,516	61.00	0.00	0.13
Building	1974	576	concession bldg cavanaugh for/queen st	P&R	Queen Street	Original bulbs	original	NA	NA	110,085,797,935	NA	NA	
Building	1942/2005 Updated	1,720	Constitution Park Craft House	P&R	Williams Street	Updated 2000's fluorescent T8	1940's	NA	NA	110,081,531,668	16,949.00	16,552.00	9.85
Building	2000	846	Mason Sports Complex bath house	P&R	E Cuffitt Street	standard fluorescent & bulbs	NA	NA	NA	110,084,361,895	7,247.00	9,022.00	8.57
Building	1950	384	Constitution Park Grove 4 restrooms	P&R	Williams Street	standard light bulbs	NA	NA	NA	110,081,534,734	351.00	390.00	0.91
Building	2000	1,152	Constitution Park bath house pavilion 5	P&R	Williams Street		NA	NA	NA	110,081,531,607	3,363.00	3,868.00	2.92
Building	2004	627	Mason Sports Complex concession stand	P&R	e cuffitt st	2004 standard fluorescent	NA	NA	NA	110,084,361,718	5,203.00	3,499.00	8.30
Building	2002	1,070	Jaycee Park restroom/concession	P&R	545 lurnace st	2000's standard fluorescent	NA	NA	NA	110,082,602,021	1,939.00	2,183.00	1.81
Building	1754	400	George Washington Headquarters/Museum	P&R	greene st	standard bulb (historic)	NA	NA	NA	110,084,104,998	0.00	0.00	0.00
Building	1970	320	North Centre Street Playground	P&R	n centre st	par. 38 flood bulb to light flag	NA	NA	NA	110,085,674,064	2713.00	2,841.00	8.48
Parking Garage	1975		George Street Parking Garage	MPA	Union Street	2014 LED	NA	NA	NA	110,082,077,840	96,864.00	125,280.00	
Parking Garage	1988		Frederick Street Parking Garage	MPA	frederick st	2014 LED	NA	NA	NA	110,084,364,592	53,789.00	124,557.00	
Pool	2001	1,200	Constitution Park baby pool pump house	P&R	Williams Street	2001 pumps improved 2010 pumps rebuilt 2013 lighting improvements (Fluorescent) BATHHOUSE	NA	NA	NA	110,081,530,726	21,692.00	24,219.00	18.08
Pool	2001	9,600	Constitution Park pool pump house	P&R	Williams Street	2001 pumps improved 2010 pumps rebuilt	NA	NA	NA	110,081,532,001	162,080.00	172,980.00	16.88

Type	Dept	Location	New Potomac Edison	Usage (Kwh) (July 14 to June 15)	Usage (Kwh) 2013 to June 2014) BASELINE YEAR	Kwh/SF	% Change FY14 to FY15
CSO BLDG Mill Race	Flood Control	flood control gates/wineow st	110 081 790 583	15,600.00	15,900.00		-2%
CSO BLDG Mill Race	Flood Control	canal pl pumping station	110 081 790 922	72,160.00	67,520.00		
CSO read	WWTP	828 n mechanic st	110 080 893 131	190.00	383.00		
CSO read	WWTP	730 n mechanic st	110 080 898 197	618.00	1,109.00		
CSO read	WWTP	sewage pump/rr 2 box 3	110 081 482 983	852.00	950.00		
CSO read	WWTP	408 long st	110 082 128 239	317.00	346.00		
CSO read	WWTP	216 walnut pl	110 082 269 892	410.00	425.00		
CSO read	WWTP	control cabinet/156 w wineow st	110 084 202 867	470.00	391.00		
CSO read	WWTP	1062 braddock rd	110 085 143 953	6,616.00	7,343.00		
CSO read	WWTP	elizabeth st	110 085 896 378	258.00	264.00		
CSO read	WWTP	rr 4 oldtown rd pmp s	110 088 872 830	216,768.00	230,976.00		
CSO read	WWTP	fectig ave sewage ejct	110 086 875 108	2,076.00	2,590.00		
flood control pumps	Flood Control	viaduct flood control	110 081 052 075	35600.00	27,760.00		
flood control pumps	Flood Control	n mechanic	110 081 052 653	-	-		
flood control pumps	Flood Control	greene st & walnut pump	110 083 562 147	18.00	3.00		
Pump station in WW	Flood Control	ridgeley flood control Central Ave, Ridgeley	110-084-615-191	27,360.00	28,520.00	27.47	



Type	Building	Dept	Location	Age of Lighting	Type of Lighting	New Potomac Edison	Usage (kWh) July 14 to June 15)	Usage (kWh) (July 2013 to June 2014) BASELINE YEAR
lighting		St. Light	valley st bridge	2011	LED	110 081 002 849	4,093.00	4,336.00
lighting		St. Light	market st bridge	2011	LED	110 081 058 551	4,491.00	4,626.00
lighting	Parklet lighting	St. Light	liberty st downtown lt	2013	LED	110 081 859 578	41,848.00	64,108.00
lighting		St. Light	meter for lighting/merchant street	2013 - ?	LED	110 081 901 933	1,505.00	1,324.00
lighting	Parklet lighting	St. Light	mechanic st parklet	original	not improved	110 081 904 036	14,370.00	16,495.00
lighting		St. Light	canal st downtown ltg	NA	NA	110 081 904 788	35,000.00	35,774.00
lighting		St. Light	decatur st	2011	LED	110 087 286 826	15,270.00	17,534.00
lighting	Parklet lighting	St. Light	parklette/central ave	original	not improved	110 088 073 272	317.00	248.00
lighting		St. Light	henderson ave brdg lgt	2013	LED	110 083 243 649	5,833.00	6,215.00
lighting		St. Light	george st downtown lgt	2013	LED	110 084 107 470	1,869.00	2,550.00
lighting		St. Light	downtown lgt/s/n centre st	2011	LED	110 084 152 799	6,964.00	6,569.00
lighting		St. Light	queen city dr	older not updated	not improved	110 084 939 138	13,616.00	15,295.00
lighting	bowen st cavanaugh fld	Parks and Rec	bowen st cavanaugh fld	original	not improved	110 087 236 714	3.00	1.00
lighting	Constitution Park	Parks and Rec	tennis courts/constitution park	planning	not improved	110 081 534 411	2,580.00	3,709.00
lighting	Constitution Park	Parks and Rec	pavilion #4/constitution park	original	not improved	110 081 536 283	105.00	117.00
lighting	Constitution Park	Parks and Rec	constitution park pav #5	original	not improved	110 081 535 467	86.00	96.00
lighting	Parklet lighting	Parks and Rec	at harrison st/s centre st	original	not improved	110 081 795 269	1,668.00	353.00
lighting	Parklet lighting	Parks and Rec	race st bandstand	original	not improved	110 083 194 370	2,153.00	2,360.00
lighting	Parklet lighting	Parks and Rec	greene st/nwside park	Any lights here for the flags???	not improved	110 083 617 404	2,069.00	2,015.00
lighting	Mason Sports Complex	Parks and Rec	lighting for ball field/e offutt st	original	not improved	110 084 361 572	22,176.00	17,376.00
traffic signal	mech/main st	St. Light	trf sig qn cty ctr mech/main st	R & G LED / Y Standard		110 084 986 287	960.00	948.00
traffic signal	hend ave & n mech lgt	St. Light	hend ave & n mech light	R & G LED / Y Standard		110 080 892 877	1383.00	1,417.00
traffic signal	n mechanic & valley st	St. Light	n mechanic & valley st	R & G LED / Y Standard		110 081 003 151	1215.00	1,222.00
traffic signal	market/mechanic	St. Light	market/mechanic	R & G LED / Y Standard		110 081 058 213	1233.00	1,231.00
traffic signal	traffic sign at s centre/h/st	St. Light	traffic sign at s centre/harrison st	R & G LED / Y Standard		110 081 795 652	2194.00	2,249.00

Type	Building	Dept	Location	Age of Lighting	Type of Lighting	New Potomac Edison	Usage (kWh) (July 14 to June 15)	Usage (kWh) (July 2013 to June 2014) BASELINE YEAR
traffic signal	greene st & lee st light	St. Light	greene st & lee st light	R & G LED / Y Standard		110 082 541 308	1422.00	1,338.00
traffic signal	greene st dingle light	St. Light	greene st dingle light	R & G LED / Y Standard		110 082 292 158	1967.00	1,858.00
traffic signal	greene & allegany st lg	St. Light	greene & allegany st lgt	R & G LED / Y Standard		110 083 509 569	1588.00	1,496.00
traffic signal	johnson & greene traf	St. Light	johnson & greene traf lght/greene st	R & G LED / Y Standard		110 083 610 904	1271.00	1,301.00
traffic signal	maryland ave/oldtown	St. Light	maryland ave/oldtown rd	R & G LED / Y Standard		110 083 614 203	3572.00	3,622.00
traffic signal	williams st traf lgt	St. Light	williams st traf lgt	R & G LED / Y Standard		110 084 980 694	981.00	967.00
traffic signal	virginia ave	St. Light	virginia ave	REMOVED???		110 085 571 948	100.00	100.00
traffic signal	grand ave caution lgt	St. Light	grand ave caution lgt/at 5th st	REMOVED???		110 085 731 401	0.00	0
traffic signal		St. Light	baltimore/decatour st	REMOVED???		110 087 087 430	934.00	1,218.00
traffic signal	traffic signal williams/park st	St. Light	traffic signal williams/park st	R & G LED / Y Standard		110 087 897 523	2583.00	2,750.00
traffic signal	traffic signal	St. Light	lt cor washington/lee st/washington st	REMOVED???		110 081 856 285	0.00	-
traffic signal	knox st signal light	St. Light	knox st	R & G LED / Y Standard		110 082 072 361	1992.00	1,939.00
traffic signal	valley st signal light	St. Light	valley st signal light	R & G LED / Y Standard		110 083 192 572	3004.00	5,534.00
traffic signal	pear st signal light	St. Light	pear st signal light	R & G LED / Y Standard		110 083 198 470	2525.00	2,532.00
traffic signal	City sign light	St. Light	sign city/n centre st	R & G LED / Y Standard		110 084 252 821	202.00	243.00
traffic signal	valley st traffic lgt	St. Light	valley st traffic lgt	R & G LED / Y Standard		110 085 733 068	1,127.00	1,136.00
traffic signal	balt/mech sts tr sign	St. Light	balt/mech sts tr sign	R & G LED / Y Standard		110 083 903 574	2,156.00	2,052.00

Notes:  
Red and Green lights LED / Yellow remain standard incandescent (16 or 96 Wt)

Building	Dept	Location	Address	New Potomac Edison	Usage (Kwh) (July 2013 to June 2014)	Usage (Kwh) (July 14 to June 15)	% Change	KhW/SF
Water Filtration Plant	WFP		1032 lake gordon rd	100 096 942 378	1,374,600.00	1,443,500.00	5%	
Ridgedale Water Pumping Station	WFP	851 FLETCHER AVENUE	851 Fletcher Avenue	110 080 789 024	147,648.00	184,992.00	25%	118.28
Seneca Water Pumping Station	WFP	pumping st 700 seneca ave	698 Seneca Avenue	110 085 207 238	23,337.00	17,588.00	-25%	
North End Water Pumping Station	WFP	piedmont ave pump station	617 Piedmont Avenue	110 080 839 654	48,612.00	37,843.00	-22%	132.32
Wills Creek Water	WFP	wills creek pumping station	320 Wills Creek Avenue	110 081 007 053	131,328.00	110,400.00	-16%	95.83
Water Pump Station	WFP	water pumps/bedford rd		110 087 835 804	19,516.00	16,893.00	-13%	
McNamee Water Pumping Station	WFP	1415 rosewood ave	1415 Rosewood Avenue	110 086 815 567	58,534.00	61,286.00	5%	348.22
Ridgedale Water	WFP	851 FLETCHER AVENUE	851 Fletcher Drive	110 080 789 347	492.00	41.00	-92%	
Brown Avenue Water Storage Tank	WFP	brown ave	1029 Eleanor Avenue	110 080 846 139	2,833.00	2,934.00	4%	
Fort Hill Water Storage Tank	WFP	500 reservoir ave f 2	500 Reservoir Avenue	110 081 530 823	7,663.00	5,679.00	-26%	
Haystack Water Storage Tank	WFP	haystack water tank/600 bishop wals	600 Bishop Walsh Drive	110 083 504 461	12,150.00	4,441.00	-63%	
Seneca Water Storage	WFP	braddock rd tank	698 Seneca Avenue	110 085 207 949	4,735.00	1,985.00	-58%	
North End Water Storage Tank	WFP	piedmont ave n end tank	823 Trost Avenue	110 080 649 434	3,027.00	1,858.00	-39%	
Fort Hill Water Pumping Station	WFP	dorn ave ft hill resv	562 Dorn Avenue	110 086 315 477	46,693.00	44,571.00	-5%	

Type	Year Built	Square Foot	Building	Dept	Location	Address	Budget Code	Improvements/Year	Usage (Kwh) (July 14 to June 15)	Usage (Kwh) (July 2013 to June 2014)	% Change
WWTP	1955	multiple BLDG	WWTP	WWTP	OFFUTT STREET	400 e offutt st	003.310.203	Lighting/2011 & 2014	4,904,039.00	5,129,070.00	4% reduction
<b>Building</b>	<b>Address</b>	<b>City</b>	<b>State</b>	<b>Zip</b>	<b>Construction Class</b>	<b>Year Const</b>	<b>Stories</b>	<b>Square Footage</b>			
WWTP - Aeration Basin #1	OFFUTT STREET	CUMBERLAND	MD	21502	6 - FIRE RESISTIVE	1955	1	39,262			
WWTP - Aeration Basin #2	OFFUTT STREET	CUMBERLAND	MD	21502	0 - NOT APPLICABLE			0			
WWTP - Aeration Basin #3	OFFUTT STREET	CUMBERLAND	MD	21502	6 - FIRE RESISTIVE	1976	IN GROUND	39,262			
WWTP - Blower Building	OFFUTT STREET	CUMBERLAND	MD	21502	4 - MASONRY NONCOMBUST.	1976	1	1,960			
WWTP - Mechanic GARAGE	OFFUTT STREET	CUMBERLAND	MD	21502	4 - MASONRY NONCOMBUST.	1976	1	2,376			
WWTP - Chlorine Contact Building	OFFUTT STREET	CUMBERLAND	MD	21502	6 - FIRE RESISTIVE	2007	1	4,256			
WWTP - Chlorine Contact Tank	OFFUTT STREET	CUMBERLAND	MD	21502	6 - FIRE RESISTIVE	2007	1	6,300			
WWTP - Clarifier #1	OFFUTT STREET	CUMBERLAND	MD	21502	6 - FIRE RESISTIVE	1976	1	5,542			
WWTP - Clarifier #2	OFFUTT STREET	CUMBERLAND	MD	21502	6 - FIRE RESISTIVE	1976	1	5,542			
WWTP - Clarifier #3	OFFUTT STREET	CUMBERLAND	MD	21502	6 - FIRE RESISTIVE	1976	1	7,238			
WWTP - Dewatering Building	OFFUTT STREET	CUMBERLAND	MD	21502	4 - MASONRY NONCOMBUST.	1976	1 AND 2	16,050			
WWTP - Electrical Substation	OFFUTT STREET	CUMBERLAND	MD	21502	4 - MASONRY NONCOMBUST.	1976	1	1,092			
WWTP - Final Clarifier #1	OFFUTT STREET	CUMBERLAND	MD	21502	6 - FIRE RESISTIVE	2010	IN GROUND	6,362			
WWTP - Final Clarifier #2	OFFUTT STREET	CUMBERLAND	MD	21502	6 - FIRE RESISTIVE	2010	IN GROUND	6,362			
WWTP - Final Clarifier #3	OFFUTT STREET	CUMBERLAND	MD	21502	6 - FIRE RESISTIVE	2010	IN GROUND	6,362			
WWTP - Final Clarifier #4	OFFUTT STREET	CUMBERLAND	MD	21502	6 - FIRE RESISTIVE	2010	IN GROUND	6,362			
WWTP - Sewer Dept Garage	OFFUTT STREET	CUMBERLAND	MD	21502	2 - JOISTED MASONRY	1955	1	1,386			
WWTP - Gas Storage Tank	OFFUTT STREET	CUMBERLAND	MD	21502	3 - NONCOMBUSTIBLE	1976	1	531			
WWTP - Grit/Comm Chambers	OFFUTT STREET	CUMBERLAND	MD	21502	6 - FIRE RESISTIVE	1976	IN GROUND	3,440			
WWTP - Lime Feed System - Silo	OFFUTT STREET	CUMBERLAND	MD	21502	0 - NOT APPLICABLE			0			
WWTP - Main Sewage Station	OFFUTT STREET	CUMBERLAND	MD	21502	6 - FIRE RESISTIVE	1955	1	8,595			

Building	Address	City	State	Zip	Construction Class	Year Const	Stories	Square Footage
WWTP - Operations Building	OFFUTT STREET	CUMBERLAND	MD	21502	4 - MASONRY NONCOMBUST.	1976	1	8,712
WWTP - Raw Pump Station #1	OFFUTT STREET	CUMBERLAND	MD	21502	4 - MASONRY NONCOMBUST.	1976	1	1,060
WWTP - Raw Pump Station #2	OFFUTT STREET	CUMBERLAND	MD	21502	4 - MASONRY NONCOMBUST.	1976	1	1,080
WWTP - WAS Sludge Tank	OFFUTT STREET	CUMBERLAND	MD	21502	6 - FIRE RESISTIVE	1955	1	2,827
WWTP - Sludge Gallery	OFFUTT STREET	CUMBERLAND	MD	21502	0 - NOT APPLICABLE			0
WWTP - Thickener 1	OFFUTT STREET	CUMBERLAND	MD	21502	6 - FIRE RESISTIVE	1955	1	1,662
WWTP - Underground Electrical	OFFUTT STREET	CUMBERLAND	MD	21502	0 - NOT APPLICABLE	1976	1	0
WWTP - Underground Pipe	OFFUTT STREET	CUMBERLAND	MD	21502	0 - NOT APPLICABLE	1976	1	0
WWTP - Metal Garage	OFFUTT STREET	CUMBERLAND	MD	21502	1 - FRAME / COMBUSTIBLE	2010	1	1,960
WWTP - Odor Control Building	OFFUTT STREET	CUMBERLAND	MD	21502	4 - MASONRY NONCOMBUST.	1976	1	644
WWTP - Gravity Belt Thickener	OFFUTT STREET	CUMBERLAND	MD	21502	4 - MASONRY NONCOMBUST.	1976	1	5,830
WWTP - Garage-Repair Shop Annex	OFFUTT STREET	CUMBERLAND	MD	21502	0 - NOT APPLICABLE			990
WWTP - HEAT DRY FACILITY	OFFUTT STREET	CUMBERLAND	MD	21502	3 - NONCOMBUSTIBLE	2011	1	9,600
WWTP - Anaerobic Digester	EAST OFFUTT STREET	CUMBERLAND	MD	21502	3 - NONCOMBUSTIBLE	1976	1	0
BAR SCREENS	OFFUTT STREET	CUMBERLAND	MD	21502	6 - FIRE RESISTIVE	1976	1	4,332
PRIMARY SPLITTER BOX	OFFUTT STREET	CUMBERLAND	MD	21502	6 - FIRE RESISTIVE	1976	1	312
PRIMARY GATE CHAMBER	OFFUTT STREET	CUMBERLAND	MD	21502	6 - FIRE RESISTIVE	1976	1	108
JUNCTION CHAMBER	OFFUTT STREET	CUMBERLAND	MD	21502	6 - FIRE RESISTIVE	1976	1	144
THICKENER 2	OFFUTT STREET	CUMBERLAND	MD	21502	6 - FIRE RESISTIVE	1955	1	1,662
DIGESTED SLUDGE TANK	OFFUTT STREET	CUMBERLAND	MD	21502	6 - FIRE RESISTIVE	1955	1	2,827
WWTP - METHANOL Tanks	OFFUTT STREET	CUMBERLAND	MD	21502	3 - NONCOMBUSTIBLE	2010	1	0
DE-NITRIFICATION BUILDING	OFFUTT STREET	CUMBERLAND	MD	21502	6 - FIRE RESISTIVE	2010	1	37,951
Evitts Creek Pump Station	Frazier Lake Road	CUMBERLAND	MD	21503	7 - FIRE RESISTIVE	1955	1	

gray shaded - BLDGS