

# Work Session

<b>Agenda Item #</b>	4
<b>Meeting Date</b>	March 2, 2016
<b>Prepared By</b>	Gina Mathias Sustainability Manager
<b>Reviewed By</b>	Suzanne R. Ludlow City Manager

<b>Discussion Item</b>	Update on The Sustainability Program
<b>Background</b>	In 2014 the city finalized its Sustainable Energy Action Plan, which identified and prioritized a list of strategies for reducing the city’s greenhouse gas emissions. The program began in earnest in FY15, with the hiring of the Sustainability Manager. The update for this work session will focus on progress of the Neighborhood Energy Challenge and Green Home Certification Programs designed to help the city in its efforts to win the Georgetown University Energy Prize, and reduce greenhouse gas emissions. The Council update will include information on other sustainability and energy related projects including the Green Impact Campaign, electric vehicle charging stations, Takoma Park Solar Co-op final results, and GreenFest, along with an outline of plans for FY17.
<b>Policy</b>	The Council priorities include “Environmentally Sustainable Community” with a goal of reducing consumption of non-renewable energy.
<b>Fiscal Impact</b>	FY16 budget includes operating funds of approximately \$320,000. Additionally, the city received and was able to expend about \$100,000 in grant funds for energy improvements for low and moderate income households.
<b>Attachments</b>	Sustainability Projects Overview
<b>Recommendation</b>	Receive the update
<b>Special Consideration</b>	The sustainability programs are specifically designed to meet the City’s goals to reduce greenhouse gas emissions, engage residents, and to help the City win the Georgetown University Energy Prize.

## Sustainability Projects Overview

1. Green Home Certification
  - a. 70+ Certifications
  - b. Light Green = 10 pts ; Medium= 40 pts ; Dark = 100 pts
  - c. Deadline to earn points for Neighborhood Energy Challenge March 31, 2016
  - d. Certifications will be awarded after deadline, but no points given
  
2. Neighborhood Energy Challenge
  - a. Very close competition!

Team	Residential Participants	Certifications	Res Pts	Place
Forest Park	98	9	360	1
BF Gilbert	43	7	290	2
Longbranch Sligo	44	13	250	3
Central Carroll	49	7	250	3
Old Town Residents	54	8	230	5
Between Jackson	70	8	110	6
North TKPK	69	4	70	7
Hodges Heights	19	3	60	8
Old Town Carroll	19	1	40	9
S New Hampshire	32	1	40	9
Between the Creeks	39	1	20	11
Grant Sherman Lee	23	2	20	11
WACO	23	2	20	11
Circle Woods	26	1	10	14
Pine Crest	18	1	10	14
Ritchie Citizens	52	1	10	14
Hillwood	17	0	0	17
N. New Hampshire	19	0	0	17
No Address	10	0	0	17
<b>Total</b>	<b>724</b>	<b>69</b>	<b>1790</b>	

1. Georgetown University Energy Prize
  - a. Currently ranked #25
  - b. Qualitative report submitted February 2016, rankings will update with subjective material
  - c. Requested weather station data change from National Airport to College Park
  
2. Sustainability Incentives
  - a. 105+ Rebates
  - b. \$15,000 awarded, so far
  
3. Multifamily Grant
  - a. \$20,000 for energy efficiency improvements
  - b. Canvassed and tabled at apartments for energy challenge

4. Maryland Energy Administration Low-Moderate Income Grant
  - a. \$178,000 awarded, used \$100,000
  - b. Completed 34 energy audits, 20 complete home energy make-overs
  
5. Street light conversion to LED
  
  
6. Solar Co-op
  - a. 18 new installations in Takoma Park
  - b. 34 total new installations
  
7. Green Impact Campaign
  - a. 63 businesses received free energy assessments
  - b. Scholarship prizes awarded to 3 students
  
8. Holiday Light Recycling

#### Looking Ahead to March – December 2016

1. Bicycles for Staff
2. City operations and employee engagement
3. GreenFest April 30<sup>th</sup>
  - a. 11 am – 4:00 pm at 7500 Maple Avenue
  - b. Keynote Address by EPA Administrator Gina McCarthy
  - c. Workshops, Environmental Film Festival film and discussion, panel discussions, native plant sale, 100 exhibitors, EV car show, food trucks, music, and more
4. Electric Vehicle Charging Stations
  - a. 3-4 FREE charging stations being installed; each will have 3-4 charging points
  - b. Both business districts, Community Center, BY Morrison Park