



MEMORANDUM

TO: City of Urbana Sustainability Advisory Commission
FROM: Scott R. Tess, Environmental Sustainability Manager
DATE: Tuesday, January 9, 2018
RE: Staff Report

Climate Action Plan Phase 2 Progress

Goal 1: Action 6: Evaluate opportunities to retrofit existing outdoor lighting with more energy efficient lighting

Staff is working to separate the City’s potential guaranteed energy savings project improvement measures from the Library’s measures in order to allow the Library to move forward with a project quickly and allow the City more time to determine the finances of a project.

Goal 3: Action 4: Propose strategies to improve the local onsite renewable energy market

Staff has begun discussions with the Midwest Renewable Energy Association on a third round of Solar Urbana-Champaign. In the 2017 round request for proposal, the program asked for power purchase agreement pricing, but that element was not as fully developed by the vendor when the 2017 round began. We intend to continue to pursue that element while also considering advisory group changes to achieve a more geographically balanced advisory group.

Goal 6: Action 1: Work with the Sustainability Advisory Commission to inventory greenhouse gas emissions and evaluate emissions reduction strategies every two years

Data Year	Community Inventory	Government Inventory	Completed Spring of
2007	X	X	2014
2013	X		2014
2014		X	2015
2015	X		2016
2016		X	2017
2017	X		2018
2018		X	2019
2019	X		2020
2020		X	2021
2021	X		2022

Additional Energy and Climate Activities

Electric Vehicles

Staff has discussed the possibility of requesting electric vehicle pricing through the State of Illinois Central Management Services (CMS) Joint Purchasing program with CMS staff. This would allow cities to use the State contract to purchase electric vehicles, at what one would presume is a bulk rate. Staff at CMS indicated that they would need to develop a specification for an electric vehicle request for quote and would need a sense that there would be interested buyers within State and city governments. Staff has sent some

language to CMS to aid in development of an electric vehicle specification and expressed our great interest in purchasing electric vehicles. The next bid opportunity for Joint Purchasing will be in June of 2018.

Pledges and Resolutions Summary

The following is a summary of pledge and resolution requests made recently to the City of Urbana. COTW means Urbana Committee of the Whole. Council means Urbana City Council.

1. iMatter Climate Inheritance Resolution
 - a. Request made at City Council, referred to SAC
 - b. SAC approved a motion to encourage the Mayor and Council to support the Resolution
 - c. Plan to bring to COTW in a memo February
 - d. Implication: goal of “100 percent of the community’s electricity from renewable sources by 2025” and “net carbon neutrality community-wide by 2040”
 - e. How: Motion or Resolution at COTW/Council
2. Mayors for 100% Clean Energy / Ready For 100
 - a. Request made at City Council, referred to SAC
 - b. SAC to review 1/9/18
 - c. Implication: “goal of 100 percent renewable energy” for the community with no due date
 - d. How: Print, sign, scan, email Mayor’s signature
3. Off Fossil Fuels Elected Official Pledge
 - a. Request made at City Council, referred to SAC
 - b. SAC to review 1/9/18
 - c. Implication: “support... transition to 100% clean, renewable energy” and “will oppose any project that will expand fossil fuel production, and its use or transport”
 - d. How: Online Pledge
4. Off Fossil Fuels Resolution
 - a. Request made at City Council, referred to SAC
 - b. SAC to review 1/9/18
 - c. Implication: City resolution to urge State to increase RPS to “100% renewable energy and transportation by 2035 and a halt to all new fossil fuel energy projects in the state” and “ that the federal government and the state must provide grants and resources to support municipal, county, state and regional efforts to meet the goal of 100% renewable energy”
 - d. Related to: HR 3671 Off Fossil Fuels for a Better Future Act

U-Cycle

Staff recently accepted competitive bids for separate U-Cycle Curbside Recycling and Multifamily contracts. ABC Sanitary Hauling & Recycling Inc met the minimum qualifications and was low price on both bids. ABC will begin service under the new contracts in April. The contracts made no changes in the acceptable materials listing.

Staff recently supported a countywide electronics recycling event. The results are as follows.

Material Category	Pallet Count	Total Pounds
Computer	7	9,879

Laptop	3	2,584
Monitor: LCD	3	2,229
Printer/Scanner/Fax	11	10,075
Small Miscellaneous Items	34	31,046
TV & Monitor: CRT	95	78,479
TV: Console/Projection	14	7,240
TV: LCD	8	6,188
Grand Total	175	147,720

The following is the annual tonnage of electronics recycled in Champaign County. All years except 2014 had two collection events.

- 2010 – 291 tons
- 2011 – 207 tons
- 2012 – 108 tons
- 2013 – 110 tons
- 2014 – 58 tons
- 2015 – 111 tons
- 2016 – 110 tons
- 2017 – 146 tons

Additional Sustainability Division Activities

In addition to the U-Cycle contracts mentioned above, staff has also rebid the following contracts in the last 6 months:

1. Curbside Leaf Collection
2. Facilities and Street Can Waste Collection
3. Battery Recycling

Curbside Christmas tree collection has been insourced and will be performed by Urbana Public Works.

Next Sustainability Advisory Commission Meeting

February 6 at 7:00 pm in Council Chambers