



## MEMORANDUM

**TO:** City of Urbana Sustainability Advisory Commission  
**FROM:** Scott R. Tess, Environmental Sustainability Manager  
**DATE:** Tuesday, August 2, 2016  
**RE:** Staff Report

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### Climate Action Plan Phase 2 Progress

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

Staff is evaluating an LED street light retrofit for a portion of Springfield Avenue on Campus. The light quality at this section is poor. The street lights are City owned and maintained, but the location is host to many student and faculty pedestrians. Therefore University of Illinois Facilities and Services and City of Urbana Public Works are evaluating a cost share to replace the fixtures with new LED lamps.

Goal 3: Action 1 Purchase Green Power Partnership qualified renewable energy credits and/or the installation of onsite renewable energy for City facilities

Urbana has been named a Green Power Community by the U.S. EPA for its ongoing use of green power through the city's municipal electric aggregation program. Urbana ranks 16<sup>th</sup> among those 61 communities with 83.5 million kilowatt hours of annual green power usage, and 24<sup>th</sup> among those communities with green power comprising nearly 21 percent of total citywide electricity use.

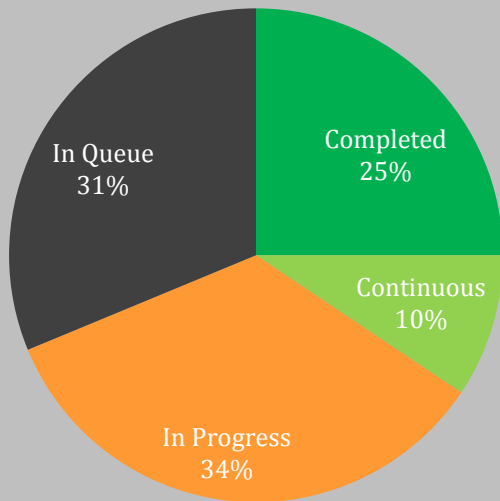
Goal 3: Action 2 Purchase Green Power Partnership qualified renewable energy credits and/or the installation of onsite renewable energy for City facilities

The City has received two bids for installation of a ground mounted solar array to serve the Arbor Division shop located at Urbana's closed landfill. The array would likely be approximately 15 kW of installed capacity providing most of the Arbor shop's needs. Staff is evaluating the proposals.

Goal 5: Action 1 Partner with existing energy efficiency programs and community groups.

Staff is working with two churches to initiate Low Carbon Diet Climate Teams which will engage households in energy efficient home and lifestyle changes. Plans for the first of four meetings at each church are being made presently.

## Climate Action Plan Phase 2 Progress



### Timeline



### City Council and Mayoral Goals

#### Goal 6: Environmental Sustainability

##### 6. Implement energy efficient transportation policies and purchases.

##### a. Evaluate purchase of hybrid, electric or propane fueled vehicles for city fleet where appropriate.

Staff has accepted a bid for purchase of the City's first full electric vehicle purchase. The vehicle is a 2016 Mitsubishi i-MiEV. It has a 62 mile range and 50.4 cubic feet of cargo volume with the rear seats folded down. This vehicle will be assigned to the Recycling Coordinator replacing a 2001 GMC Sonoma.



### **U-Cycle**

Staff conducted a “Teens in Action” event at the Anita Purves Nature Center. The event discussed the U-Cycle program and then the teens created signs/artwork for the Sweetcorn Festival, along with making tote/grocery bags by repurposing old t-shirt.

This month we received a favorable RFP response for our electronics recycling collection to be held on Saturday, October 15. The vendor, A-Team Recycling, will provide electronics collection at the same cost as our previous vendor. Event partners will set up an online registration system for the October electronics event. We will limit registration to 200 vehicles per hour with a 2 TV limit per vehicle.

### **Next SAC Meeting**

September 6 at 7:00 pm in Council Chambers