



## MEMORANDUM

**TO:** City of Urbana Sustainability Advisory Commission  
**FROM:** Scott R. Tess, Environmental Sustainability Manager  
**DATE:** Tuesday, November 6, 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

The City was recently contacted by Ameren's public sector energy efficiency program to discuss a custom street light retrofit incentive project. Ameren has until the close of the calendar year to utilize funds remaining in the current program year. The City is determining if a project can be designed within this timeframe.

Staff prepared an Ameren Franchise agreement that provides for a cash franchise fee rather than discounted street lighting. Additionally, staff negotiated a street light electric supply agreement that allows for a 30% change in electric demand. These two efforts remove a disincentive and a contractual barrier to LED street light retrofits.

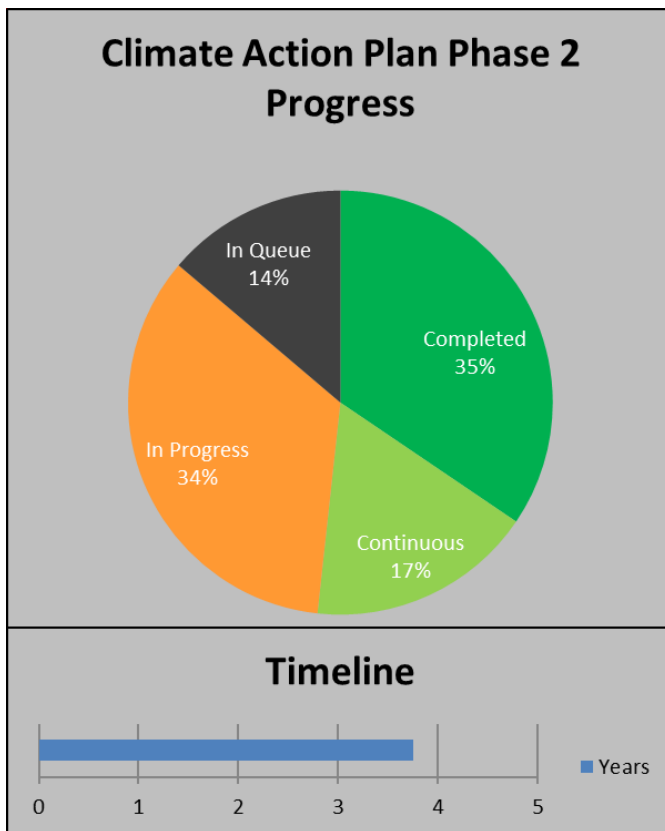
#### Goal 3: Action 4 Propose strategies to improve the local onsite renewable energy market

At the time of this writing, Solar Urbana-Champaign 3.0 had 482 kw of contracted capacity for year three. The final day to sign contracts was October 31.

Year	Systems Installed	Total Installed kW	Average Installed kW	Base \$/watt
2016	80	603.9	7.55	\$3.16
2017	58	446.95	7.74	\$2.99
2018	40	481.8	12.05	\$2.99

#### Goal 3: Action 5 Propose strategies to increase renewable energy purchasing in the commercial sector

The City continues to negotiate a lease option and lease with Sunpower to develop a solar array on the closed Urbana Landfill. Incentive applications will be accepted starting January 15, 2019.



**Additional Public Engagement**

The Champaign-Urbana Youth Sustainability Summit was attended by approximately 30 young people ranging in age from middle school to seniors in high school. Attendees received presentations from leading climate scientists, non-profit professionals, and community organizers. Attendees participated in a follow up event planting crops at the Sola Gratia Farm.

Staff attended a National Science Foundation funded meeting where grant funded academics worked with sustainability practitioners to develop sustainability, health, and equity interventions and metrics for critical urban infrastructures. The purpose of the meeting was to receive practitioner feedback on the overall framework as well as the data and metrics that are available and of interest to practitioners.

**U-Cycle**

A countywide electronics recycling event was held on Saturday, October 13. The event was a success with 82 tons of electronics collected. Since 2010 the countywide electronics recycling events have collected 1,304 tons of electronics. In 2019 the cities and county will continue with twice per year collection events in May and October.

On October 22-24 Staff attended the national Resource Recycling Conference in St. Louis with travel support provided by conference organizers. Urbana was the only recipient from Illinois for the 2018 award.

**Next Sustainability Advisory Commission Meeting**

December 4 at 7:00 pm in the Council Chambers