



MEMORANDUM

TO: City of Urbana Sustainability Advisory Commission
FROM: Scott R. Tess, Environmental Sustainability Manager
DATE: Tuesday, May 5, 2015
RE: Staff Report

Climate Action Plan Phase 2 Progress

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

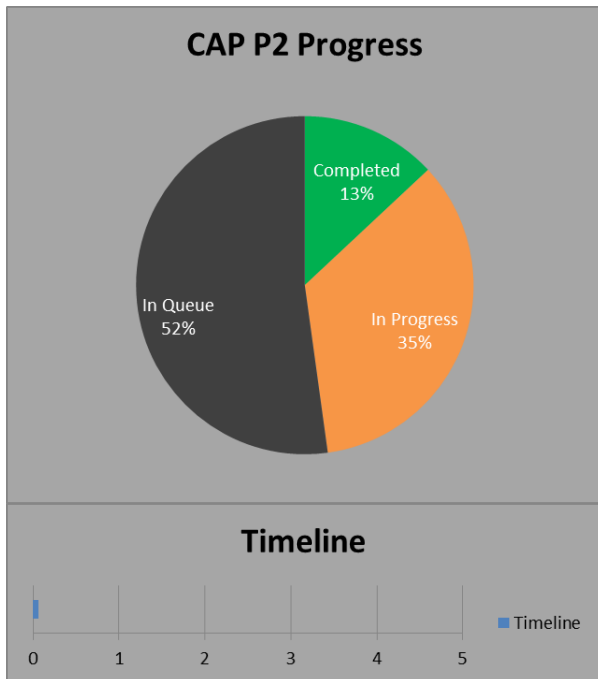
The Citizens Utility Board and Environmental Defense Fund have filed a proposal with the Illinois Commerce Commission that would enable development of four to five community solar energy systems of up to 2 megawatts each in Illinois.

Clean Jobs Bill SB 1485 and HB 2607

- Requires utilities to support virtual net metering and community solar with limitations
- Extends RPS to 35% by 2030
- Requires state procurement of distributed solar and low income solar to address RPS with up front payments in first 5 years of operation
- Requires cap and invest system if Federal Clean Power Plan comes into effect
- Sets standards for a qualifying clean coal facility
- Creates cost effective clean coal portfolio standard of 5%/year up to 25% with additional enabling legislation
- Removes funding from sweeps
- Requires energy efficiency programs equalling 20% savings by 2025
- Requires demand response programs equalling to reduce peak demand by 0.1% over the prior year for its delivery customers
- 12.5% of energy efficiency and demand response dedicated to low income
- Measurements for the job creation impact
- Requires energy efficiency measure from utilities
- Creates elective residential and non-residential real-time pricing tariff and requires installation of real-time capable meters where the tariff is chosen
- Requires utility funding of low income energy bill support programs
- Requires utilities to create smart grid testing centers
- Requires utilities to create residential on-bill financing
- Prescribes how alternative retail electric suppliers comply with the renewable portfolio standard
- Requires state development of a compliance plan with considerations for environmental justice if a Federal clean power plan rule is implemented
- Allows state to create a cap and invest program

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

The Urbana-Champaign ENERGY STAR Challenge has launched a 2015 round with 40 buildings registered so far.



City Green Team

The Urbana City Building is currently in 5th place in the Illinois Green Office Challenge. The Challenge encourages friendly competition amongst office buildings to achieve energy and water conservation and waste reduction. The competition runs from November 2014 through April 2015.

Public Engagement

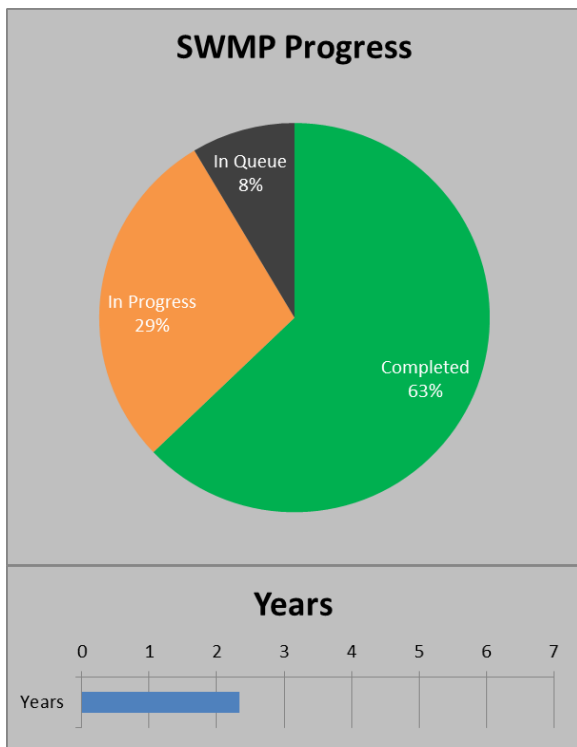
Staff spoke at UP 340 Planning For Healthy Cities. Staff tabled at *Earth Care* hosted by Faith In Place. Staff appeared on the UPTV show *It's All About U* to discuss rain barrels and the impending rain barrel sale.

Urbana City Council and Mayor Goals 2014-2017

City Council is updating their Goals document. The latest version is available at <http://urbanaininois.us/city-council/meetings/2015-05-04-0>.

Sustainable Water Management Plan

Aspect 5: Goal 1: Action 2 Assess a long term public access goal for recreational waters in Urbana
The Regional Planning Commission had staff turnover which delayed this analysis. They are now working on creating several scenarios.



U-Cycle

Electronics Recycling Event Results

<u>Type</u>	<u>Pounds</u>
TV	74526
Monitors	7263
LCD/LCD TV	6014
Printers	7143
Computers	9286
Laptops	547
Tablets	
Stereo Equipment	4356
DVD/VCR	2249
Phones	
Peripherals	3207
Other	1100
Total Pounds Collected	115691
Total Tons	57.8

Number of Cars	850
Pounds per car	136.1

Electronic Products Recycling HB 1455 passed the House and is now in the Senate. This is the amended legislation for the electronics recycling law. This would allow a larger percentage of electronics to be collected by manufacturers, and allow recyclers to be continued to be paid until they meet that quota (increased to 80% of electronics sold in the state two years prior).

Next SAC Meeting

June 2 at 7:00 pm in Council Chambers