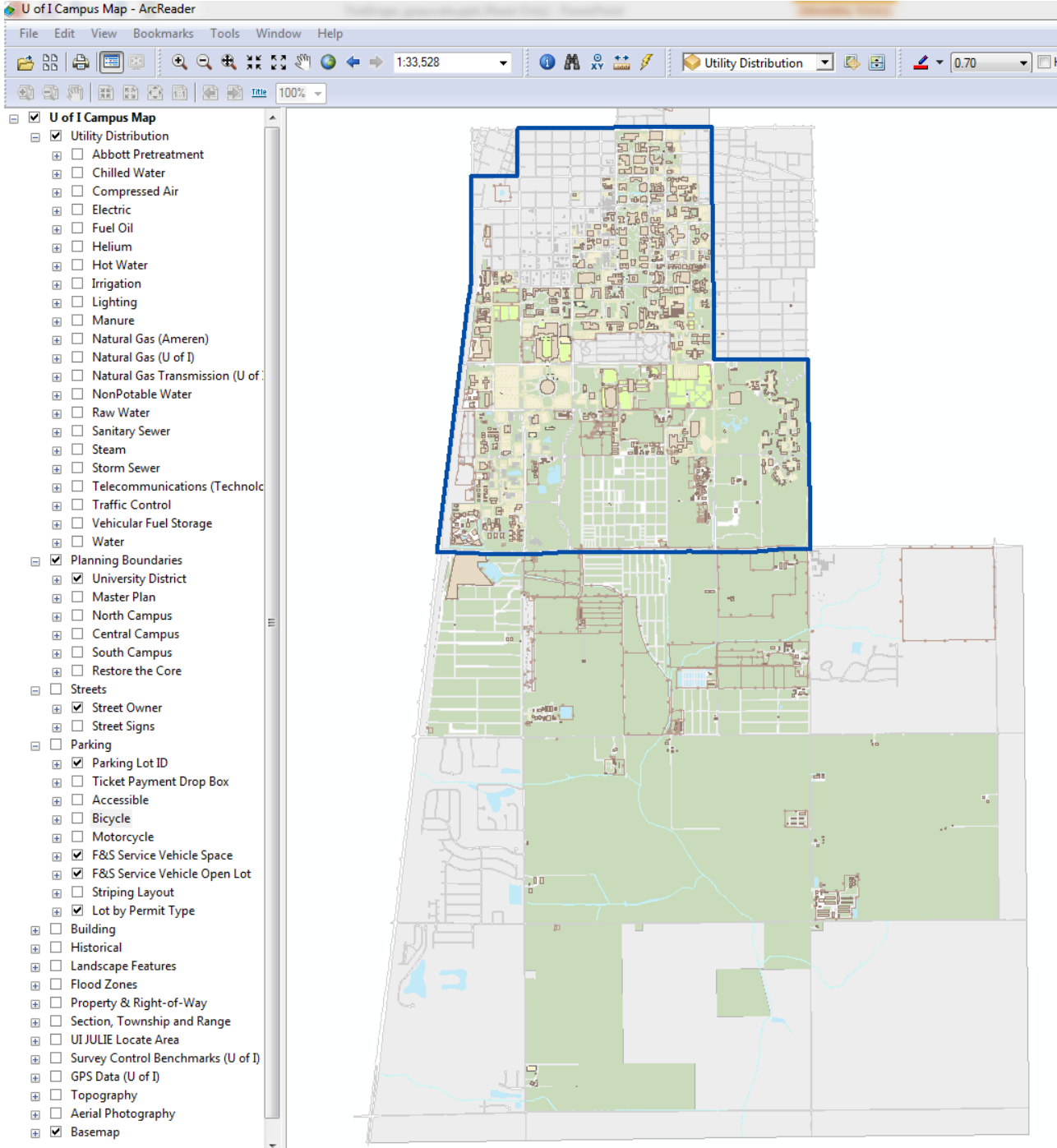


Data Sources

By Morgan White
Facilities & Services (F&S)
Associate Director for Sustainability

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GIS from F&S

Building Info

Building Information:

- [Building Folders](#)
- [Building List](#)
- [Building Systems Manual \(RCx\)](#)
- [Current Floor Plans \[DWG\] \[PDF\]](#)
by building number
- [Current Mechanical Systems Drawings](#)
- [Document Distribution Policy](#)
- [Drawing Index](#)
- [Drawing Index - Current Configuration](#)
- [O&M Manuals](#)
- [Reports & Studies Index](#)
- [Shop Drawings](#)



Utilities Overview

UTILITIES & ENERGY SERVICES

SERVICES

RESOURCES

PROJECTS

DIVISIONS

CUSTOMERS

Home / Services / Utilities & Energy Services

▶ Business Operations

▶ Energy Conservation

▶ Production

Distribution

▶ EMS Controls

RELATED LINKS

[Utility Locating](#)
[2015 iCAP](#)
[Energy Use Policy](#)

CAMPUS ENERGY USAGE

[Electricity Usage](#)
[Steam Usage](#)
[Gross Energy Usage](#)
[FY16 Energy Consumption Report](#)
[FY16 UIUC Energy Report](#)

CONTACT

[Utilities & Energy Services](#)

UTILITIES & ENERGY SERVICES



I WANT TO LEARN ABOUT

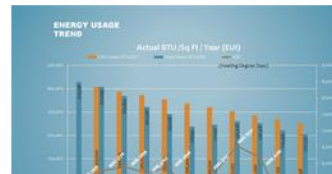
[Campus Utility Rates](#)
[Abbott Power Plant](#)
[Renewable Energy](#)
[Energy Conservation](#)
[Illinois Energy Enterprise](#)
[Utilities Master Plan](#)

Utilities & Energy Services (UES) provides safe, reliable, environmentally compliant, cost-effective energy and other utilities to support the academic mission. These services are provided by Abbott Power Plant, the Campus Chilled Water System (CCWS), a network of steam and electrical systems, natural gas transmission pipelines, and sanitary and storm sewers.

The University of Illinois is continuously upgrading its utility production, distribution, and monitoring capabilities to proactively shape its [energy enterprise](#). Funding from campus, student fees, and energy conservation grants allow the university to integrate new technologies and streamline the processes of this \$100M per year utility enterprise. Since FY08, the university has reduced energy use per square foot by 24%. This exceeds the 2010 [Illinois Climate Action Plan \(iCAP\)](#) goal of a 30% reduction by FY15.

Utilities and Energy Services plays a major role in the energy conservation initiatives on campus. [Retrocommissioning teams](#), [Energy Performance Contracting \(EPC\)](#) programs, and the [Energy Management Control Center \(EMCC\)](#) have delivered significant and lasting energy-reduction results for the university.

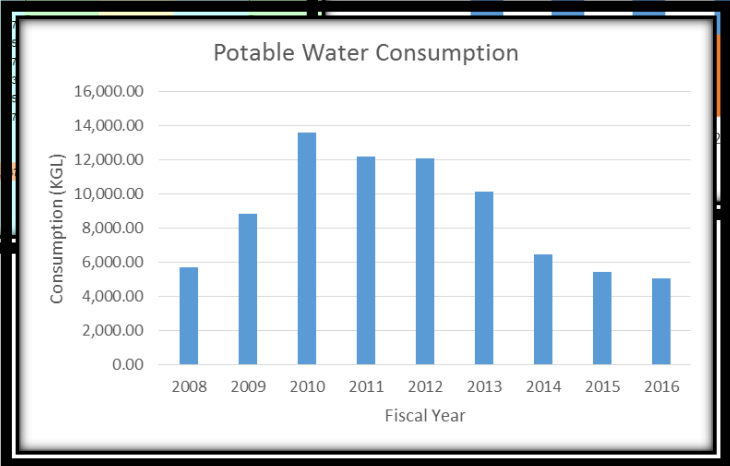
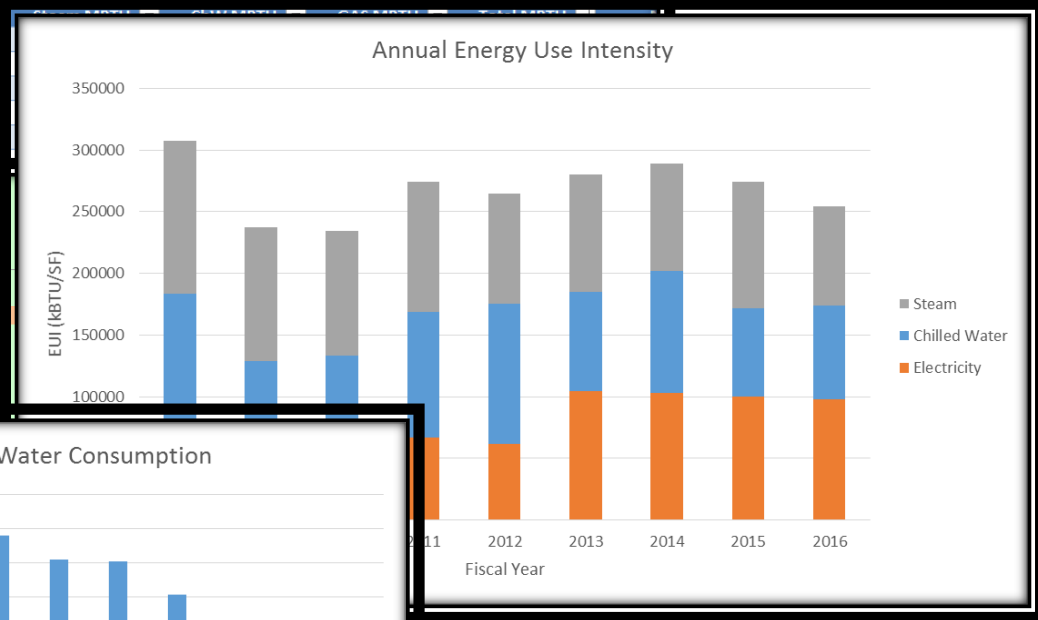
The [Energy Conservation Incentive Program \(ECIP\)](#), started in FY14, aims



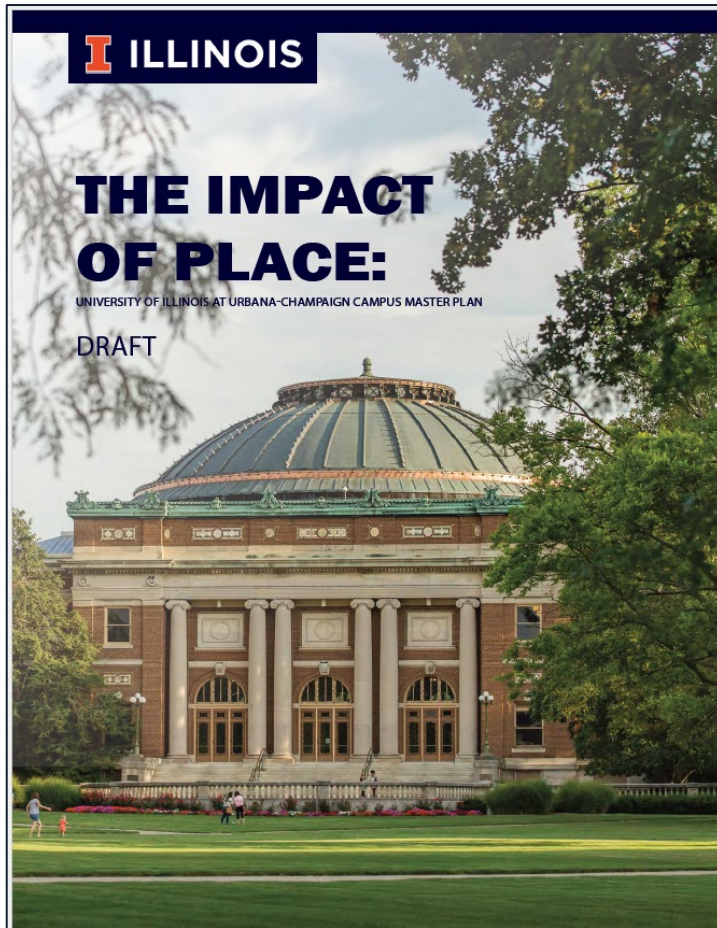
Utilities Data

ILLINOIS		FY 2016 Energy Consumption Report	
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN		Top 175 Buildings	
BID	Building Name	Rank	Electric MBTU
116	Roger Adams Laboratory	1	30,445.0
070	Chemical & Life Sciences Laboratory	2	30,774.0
237	Micro and Nanotechnology Laboratory	3	21,213.0
228	Beckman Institute	4	25,453.0
080	Institute for Genomic Biology	5	28,888.0

UM	CY	FM	FY	COAL BURNED COST	COAL BURNED USAGE	COAL BURNED COST/TON	LIMESTONE CONSUMED COST	LIMESTONE CONSUMED USAGE	LIMESTONE COST/TON	ASH/GYP COST	ASH/GYP USAGE	ASH/GYP COST/TON
Jun	2015	JUL	2015	\$193,807	3,133	\$61.8600	\$0	0	\$0.0000	\$3,274	220	\$14.88
adj			2015									
2 MO	TOTAL			\$2,668,805	41,751	\$63.9220	\$136,337	2,673	\$51.0053	\$136,873	8,624	\$15.87
Jul	2015	AUG	2016	\$156,883	2,532	\$61.9600	\$12,903	253	\$51.0000	\$8,540	572	\$14.89
Aug	2015	SEP	2016	\$113,176	1,834	\$61.7100	\$6,375	125	\$51.0000	\$8,140	550	\$14.80
Sep	2015	OCT	2016	\$0	0	\$0.0000	\$0	0	\$0.0000	\$0	0	\$0.00
Oct	2015	NOV	2016	\$0	0	\$0.0000	\$0	0	\$0.0000	\$0	0	\$0.00
Nov	2015	DEC	2016	\$0	0	\$0.0000	\$0	0	\$0.0000	\$0	0	\$0.00
Dec	2015	JAN	2016	\$204,498	3,374	\$60.6100	\$14,025					
Jan	2016	FEB	2016	\$384,439	5,992	\$64.1587	\$23,409					
Feb	2016	MAR	2016	\$362,729	5,925	\$61.2200	\$29,478					
Mar	2016	APR	2016	\$278,569	4,601	\$60.5453	\$21,951					
Apr	2016	MAY	2016	\$366,387	6,041	\$60.6500	\$12,852					
May	2016	JUN	2016	\$57,118	933	\$61.2200	\$3,825					
Jun	2016	JUL	2016	\$160,886	2,628	\$61.2200	\$0					
adj			2016									
2 MO	TOTAL			\$2,084,684	33,860	\$61.5678	\$124,818					
Jul	2016	AUG	2017	\$0	0	\$0.0000	\$0					
Aug	2016	SEP	2017	\$0	0	\$0.0000	\$0					
Sep	2016	OCT	2017	\$0	0	\$0.0000	\$0					



Campus Plans



CAMPUS WIDE

UTILITIES PRODUCTION AND
DISTRIBUTION MASTER PLAN

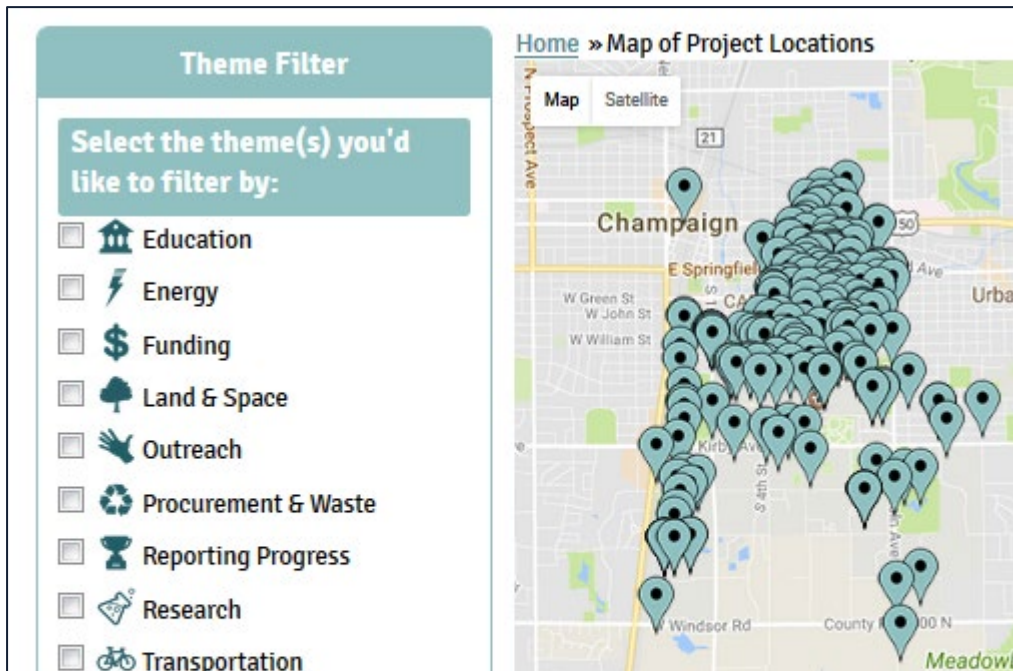
UIUC PROJECT NO. -

Affiliated Engineers, Inc.
Consulting Engineers
5802 Research Park Boulevard, Madison, WI 53719
Phone: (608) 238-2616 Fax (608) 238-2614
Website: www.aeieng.com

DATE: October, 2015



iCAP Efforts



718

PROJECTS
in the iCAP Portal

1,946

PROJECT UPDATES
showing project histories

77

METRICS
demonstrating progress toward
iCAP Portal objectives

240

PLACES
across the U of I campus

BIF Solar Generation (Tracked by Fiscal Year)

