

# ILLINOIS

## Facilities & Services

### PROJECT FACT SHEET

## Energy Conservation Incentive Program

### WHAT IS IT?

The Energy Conservation Incentive Program (ECIP) provides awards to campus buildings which demonstrate the greatest percentage of energy savings over the previous fiscal year.

### WHAT BUILDINGS ARE ELIGIBLE?

University-owned buildings of 10,000 square feet or more on the Urbana- Champaign campus are automatically entered in the program each year. Previously winning buildings are eligible to win again.

### HOW DO BUILDINGS WIN?

Buildings compete in one of two categories: occupant action and energy advancement. Four winners are chosen from each category. Occupant Action includes things building users can do themselves to collectively reduce energy use, such as turning off lights when they leave a room. Energy Advancement includes energy conservation improvements to the building itself, such as optimizing heating and air conditioning systems and controls.

### HOW CAN I FIND OUT HOW MUCH ENERGY MY BUILDING USES?

Building energy consumption is tracked online through Facilities & Services' Energy Billing System. Your building manager can access these reports for you. See <http://go.fs.illinois.edu/EBS> for more information.

### WHY DID CAMPUS CREATE THE ECIP?

Encouraging energy efficiency helps campus save financial resources and helps it meet its commitment to carbon neutrality by 2050 under the Illinois Climate Action Plan <http://icap.sustainability.illinois.edu/>.

### ENERGY BILLING SYSTEM

Building energy consumption is tracked online in the Energy Billing System (EBS). New users may request EBS authentication from Facilities & Services Utilities & Energy Services (UES) Division by email at [fsnergbussvcs@illinois.edu](mailto:fsnergbussvcs@illinois.edu).

The EBS provides monitoring and trending capabilities for users to track building energy consumption and conservation. Building data can be analyzed and compared by cost, utility, and over fiscal years.



*Occupant Action winner Parking Deck F-29 upgraded all lighting fixtures with lower consumption LED bulbs saving 44% of its energy cost per year.*



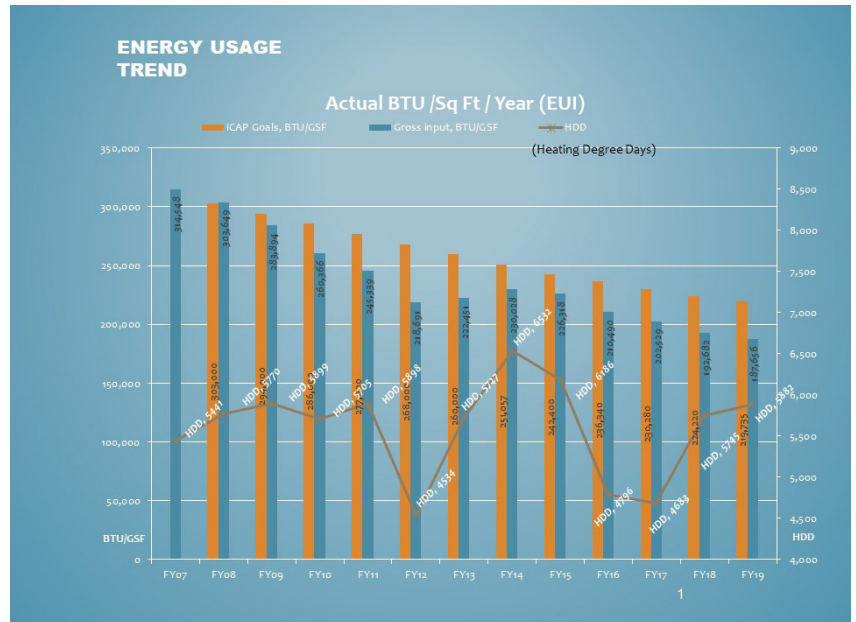
*Energy Advancement winner used centrally provided funding to support retrocommissioning work that netted an annual energy savings of almost 35%.*

### PROGRAM CONTACT

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Campus Utility Rates are online at [fs.illinois.edu/services/utilities-energy](https://fs.illinois.edu/services/utilities-energy)



### BUILDING ENERGY DISPLAYS

F&S keeps and maintains real-time electricity consumption data for most Urbana campus buildings. A web page dashboard enables users in these selected buildings to view and track their electricity on a real-time basis. The dashboard (<https://ednaweb.illinienergy.illinois.edu/post/ppsb/graph.html>) is written in web browser-agnostic code (html5) so that it can be viewed on most web browsers and/or embedded or included on the buildings digital signage..

In addition to the data displayed in graphic form, calculated factoids are supplied on the dashboard to compare the previous 24 hour consumption to the prior day, the equivalent usage of households, refrigerators, CFL Lightbulbs, and 22" LED televisions. There is a specific page for one 24-hour period, and one for a week.

For more information on how to obtain the code for the building dashboard, please contact the Utilities & Energy Services Business Operations.



The Illinois Climate Action Plan (iCAP) outlines a path for the University of Illinois at Urbana-Champaign to achieve carbon neutrality as soon as possible, and no later than 2050.