

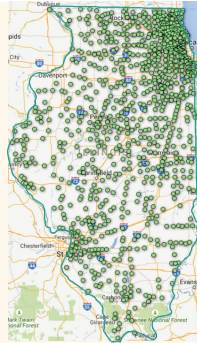
# THE IMPACT OF ENERGY EFFICIENCY IN ILLINOIS

2008-2014

## PEOPLE

### Fueling economy

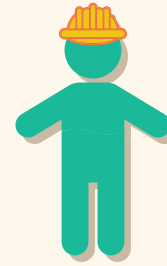
We've invested more than \$1.19 billion in energy efficiency, helping residents and businesses save money and boost our economy.



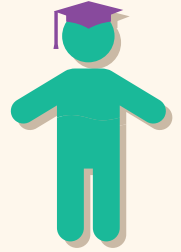
Participating customers



2.4 million customers engaged



15,000 contractor partners



175,000 people educated on energy efficiency

## PERFORMANCE

### Our impact

Our customers have saved enough electricity to power 4.7 million homes for a year and enough natural gas to heat 2.3 million homes for a year.



76 BILLION IN kWh SAVINGS

Offsets CO2 emissions equal to 280,000 rail cars of coal



More than 78 million energy-efficient lightbulbs sold since the start of the programs

1.6 BILLION IN THERM SAVINGS

Offsets greenhouse gas emissions from 1.7 million passenger vehicles

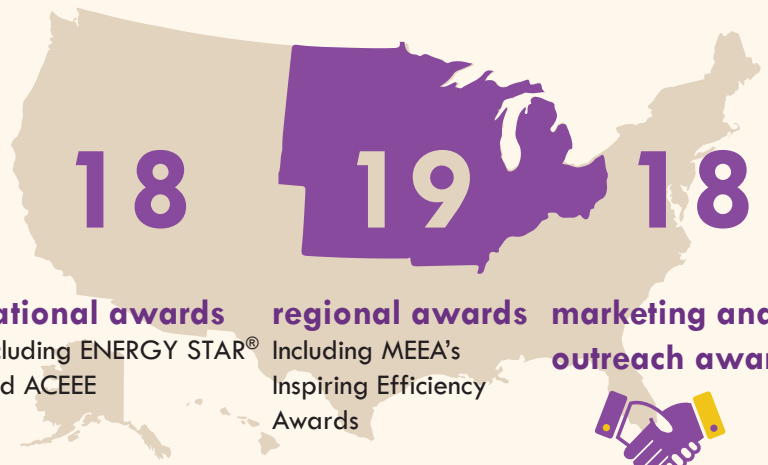


## PROGRAMS



### Award-winning program design

We've received 55 awards for best-in-class energy efficiency program design and delivery



18 national awards  
Including ENERGY STAR® and ACEEE

19 regional awards  
Including MEEA's Inspiring Efficiency Awards

18 marketing and outreach awards



## GENERAL INFORMATION

Illinois is a leading state in the Midwest and across the nation in offering cost-effective energy efficiency programs to eligible utility customers. The Illinois Energy Efficiency Stakeholder Advisory Group convened a Successes Subcommittee in early 2015 to collect and share data on energy efficiency program successes in Illinois. The purpose of this Fact Sheet is to provide an overview of accomplishments in Illinois based on data from Illinois Program Administrators.

## BACKGROUND

In 2007, the Illinois Energy Efficiency Portfolio Standard (EEPS) was passed by the Illinois General Assembly for electric utilities ComEd and Ameren Illinois, and the Department of Commerce and Economic Opportunity (DCEO).<sup>1</sup> EEPS requires large electric and natural gas utilities and DCEO to offer energy efficiency programs to residential and business customers and meeting energy savings goals.<sup>2</sup> Electric programs began on June 1, 2008 (EPY1). In 2009, natural gas utilities followed with gas energy efficiency programs.<sup>3</sup> Natural gas programs began on June 1, 2011 (GPY1), offered by Nicor Gas, Peoples Gas-North Shore Gas, and Ameren Illinois. DCEO administers 25% of the funding to serve low-income households, public sector facilities, and market transformation programs across the state. Energy efficiency programs renew annually on June 1. Electric energy efficiency opportunities were further expanded in 2012 through additional procurement of programs by the Illinois Power Agency (IPA).<sup>4</sup>

## PROGRAM LINKS

ActOnEnergy™ (Ameren Illinois): [www.actonenergy.com](http://www.actonenergy.com)  
 Smart Ideas (ComEd): [www.comed.com/smartideas](http://www.comed.com/smartideas)  
 Illinois Energy Now (DCEO): [www.ilenergynow.org](http://www.ilenergynow.org)  
 energySMART (Nicor Gas): [www.nicorgasrebates.com](http://www.nicorgasrebates.com)  
 Peoples Gas Natural Gas Savings Program: [www.peoplesgasrebates.com](http://www.peoplesgasrebates.com)  
 North Shore Gas Natural Gas Savings Program:  
[www.northshoregasrebates.com](http://www.northshoregasrebates.com)

## OTHER REFERENCES

IL EE Stakeholder Advisory Group (SAG):  
[www.ilsag.info/subcommittee\\_il-ee-successes.html](http://www.ilsag.info/subcommittee_il-ee-successes.html)  
[www.ilsag.info/evaluation-documents.html](http://www.ilsag.info/evaluation-documents.html)  
[www.ilsag.info/quarterly-reports.html](http://www.ilsag.info/quarterly-reports.html)  
 U.S. EPA Greenhouse Gas Equivalencies Calculator:  
[www.epa.gov/cleanenergy/energy-resources/calculator.html](http://www.epa.gov/cleanenergy/energy-resources/calculator.html)

## BACKGROUND DATA: ELECTRIC SAVINGS (IN THOUSANDS)<sup>5</sup>

Program Year	Ameren IL (kWh, including IPA)	ComEd (kWh, including IPA)	DCEO (kWh)	Overall Savings
EPY1	1,158,906	2,822,612	552,106	46,152,974
EPY2	1,636,514	7,472,183	1,031,936	
EPY3	3,628,609	8,806,006	1,421,188	
EPY4	3,294,389	12,202,892	2,125,628	
EPY5	3,313,189	8,811,070	2,020,807	10,831,877
EPY6	2,877,888	11,077,657	1,921,836	15,877,381
Total	15,909,495	51,192,423	9,073,504	76,175,422

## BACKGROUND DATA: THERM SAVINGS (IN THOUSANDS)<sup>5</sup>

Program Year	Ameren IL	DCEO	Nicor Gas	North Shore Gas	Peoples Gas	Overall Therm Savings
EPY1						
EPY2						
EPY3	35,595	1,871				37,467
EPY4, GPY1	63,301	56,264	97,733	4,696	20,351	242,347
EPY5, GPY2	55,768	61,754	236,806	18,400	154,180	526,910
EPY6, GPY3	69,531	116,673	509,363	26,266	124,911	846,747
Total	224,198	236,563	843,903	49,363	299,443	1,653,472

## BACKGROUND DATA: TOTAL DOLLARS SPENT UNDER EEPS PROGRAMS (NON-INCENTIVE AND INCENTIVE SPEND, IN THOUSANDS)

Program Year	Ameren IL - Gas	Ameren IL - Electric	ComEd	DCEO	Nicor Gas	North Shore Gas	Peoples Gas	Overall Program Costs
EPY1	990	10,402	27,356	9,103				47,851
EPY2	3,692	20,369	52,072	17,954				94,087
EPY3	4,551	32,481	75,691	34,412				147,135
EPY4/GPY1	10,692	37,659	106,315	53,447	15,765	1,265	7,059	232,202
EPY5/ GPY2	11,836	37,560	107,386	62,363	35,226	2,795	19,568	276,734
EPY6/ GPY3	12,479	61,323	153,565	67,806	68,757	4,445	26,245	394,620
Total	44,240	199,794	522,385	245,085	119,748	8,505	52,872	1,192,629

**ASSUMPTIONS:** Therms and kilowatt hours (kWh) savings based on estimated lifecycle savings. Lifecycle is the number of years (or hours) the new high-efficiency equipment is expected to function. Spend amount includes all dollars (non-incentive and incentive) spent by program administrators to support EEPS programs. Performance impact savings calculations come from the U.S. EPA's Greenhouse Gas Equivalencies calculator. Participating customers are derived from total participation data for 2008-2014 excluding lightbulbs sold.

<sup>1</sup> 220 ILCS 5/8-103.

<sup>2</sup> Energy efficiency programs are funded by utility ratepayers.

<sup>3</sup> 220 ILCS 5/8-104.

<sup>4</sup> 220 ILCS 5/16-111.5B.

<sup>5</sup> Gross lifecycle savings