



Illinois Energy Now



PY 2 Energy Efficiency Portfolio January 25, 2011

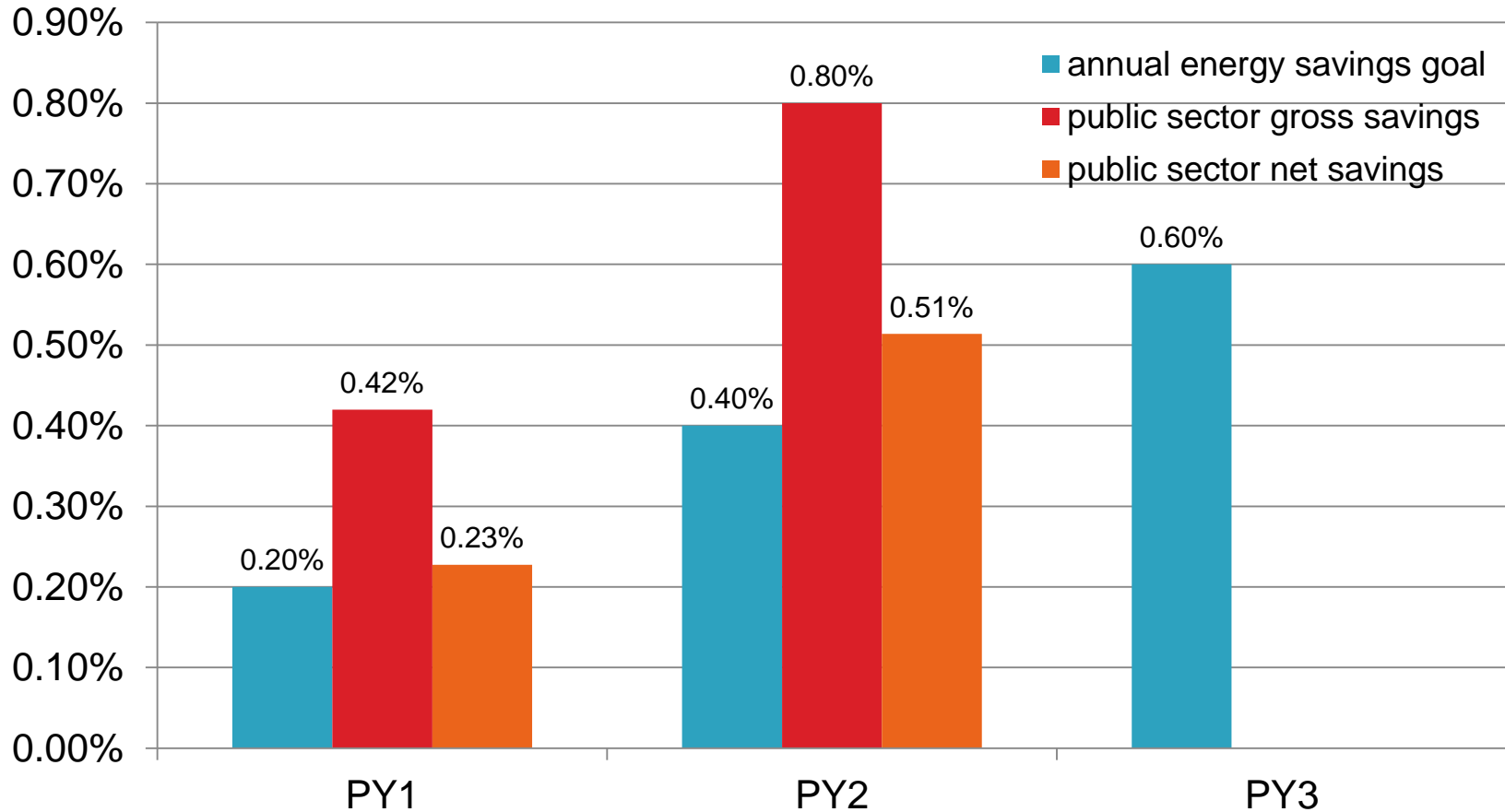
Warren Ribley, Director

Pat Quinn, Governor

DCEO Goals

Category	Goal	% of Goal
Load Reduction Goal	0.4% Energy Savings	128%
MWh goals in DCEO plan	29,062 MWh Ameren/ 81,653 MWh ComEd	77% gross 53% net
Local govt., schools, & community colleges	10% of total portfolio	93%
Low Income Households <80% AMI	6% of total portfolio	114%
Portfolio Budget	\$26.4 million budget	82%

Percent kWh Load Reduction Compared to Annual Goal



- DCEO has exceeded the legislative goals by 15-28% in the first two program years for its public sector programs.

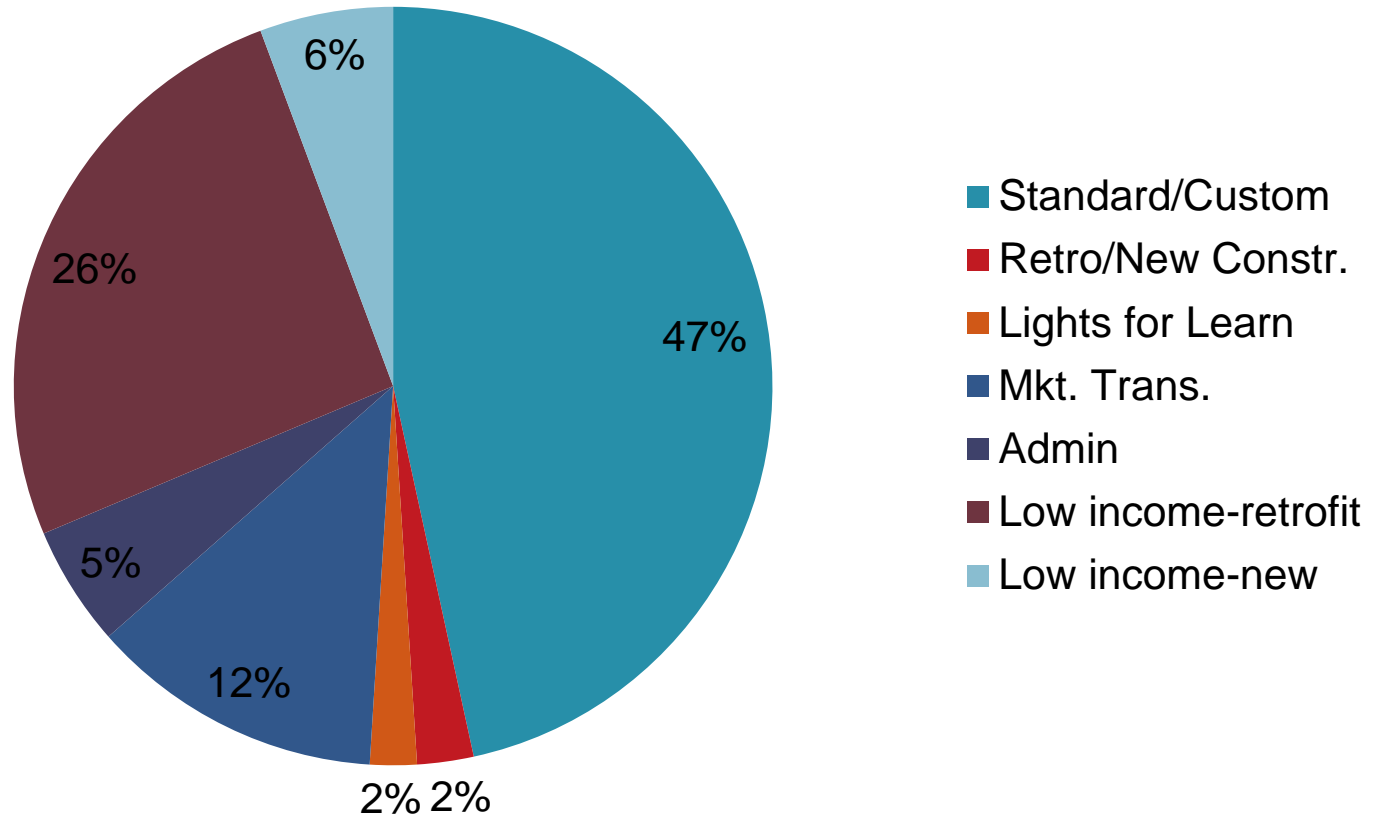


Gross and Net Savings

	Goal MWh	Gross MWh	Net MWh
Public Sector	108,028	74,151	47,625
Standard/Custom		67,988	42,702
New Construction		593	474
Retrocommissioning		4,614	3,691
Lights for Learning		956	757
Low Income	2,687	11,264	11,146
Affordable Housing		903	786
Residential Retrofit		10,361	10,361
TOTAL	110,715	85,415	58,771



Spending by Program



- DCEO expended \$21.62 million of its \$26.35 million allotment in PY 2.

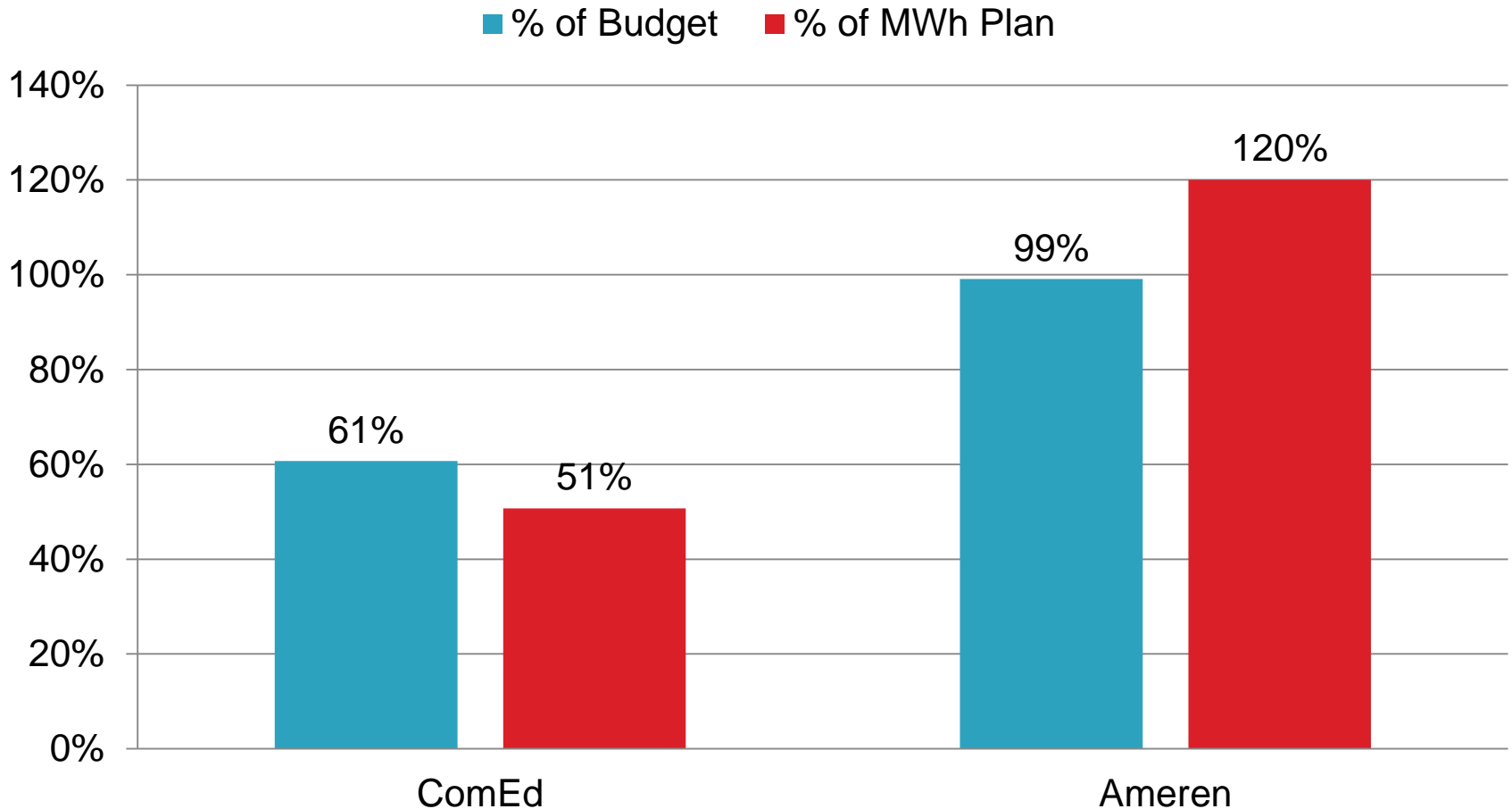
Public Sector Energy Efficiency Program

- ▶ DCEO received 344 public sector applications through the 4th quarter of Year 2 of the EEPS programs:
- ▶ 206 from ComEd customers and 138 from Ameren Illinois customers.
- ▶ 76.7% of the applications are for standard incentives, 16.6% for custom incentives, and 6.7% for a combination of incentives

	ComEd	Ameren IL
Standard	161	103
Custom	32	25
Both	13	10



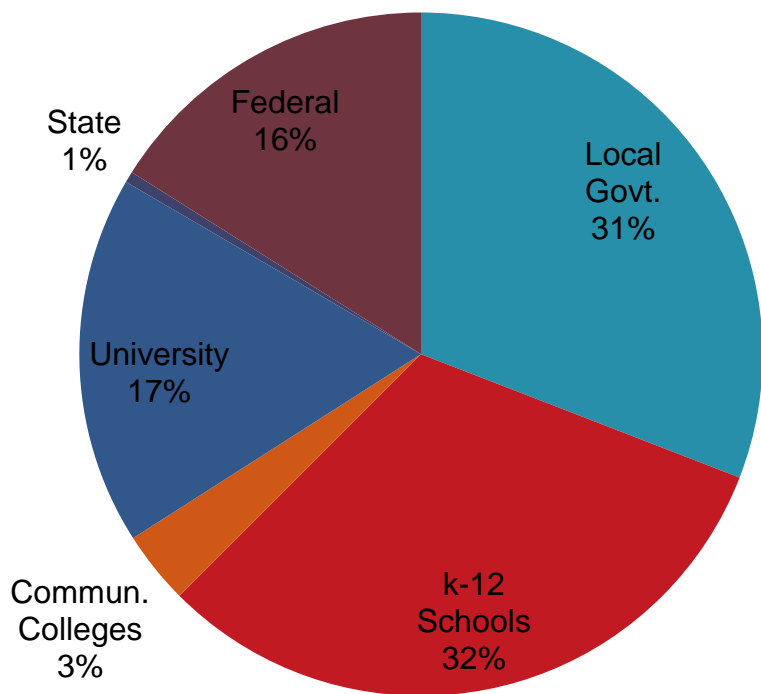
Standard/Custom Programs



- These 344 applications received \$10.2 million in incentives for the program year.



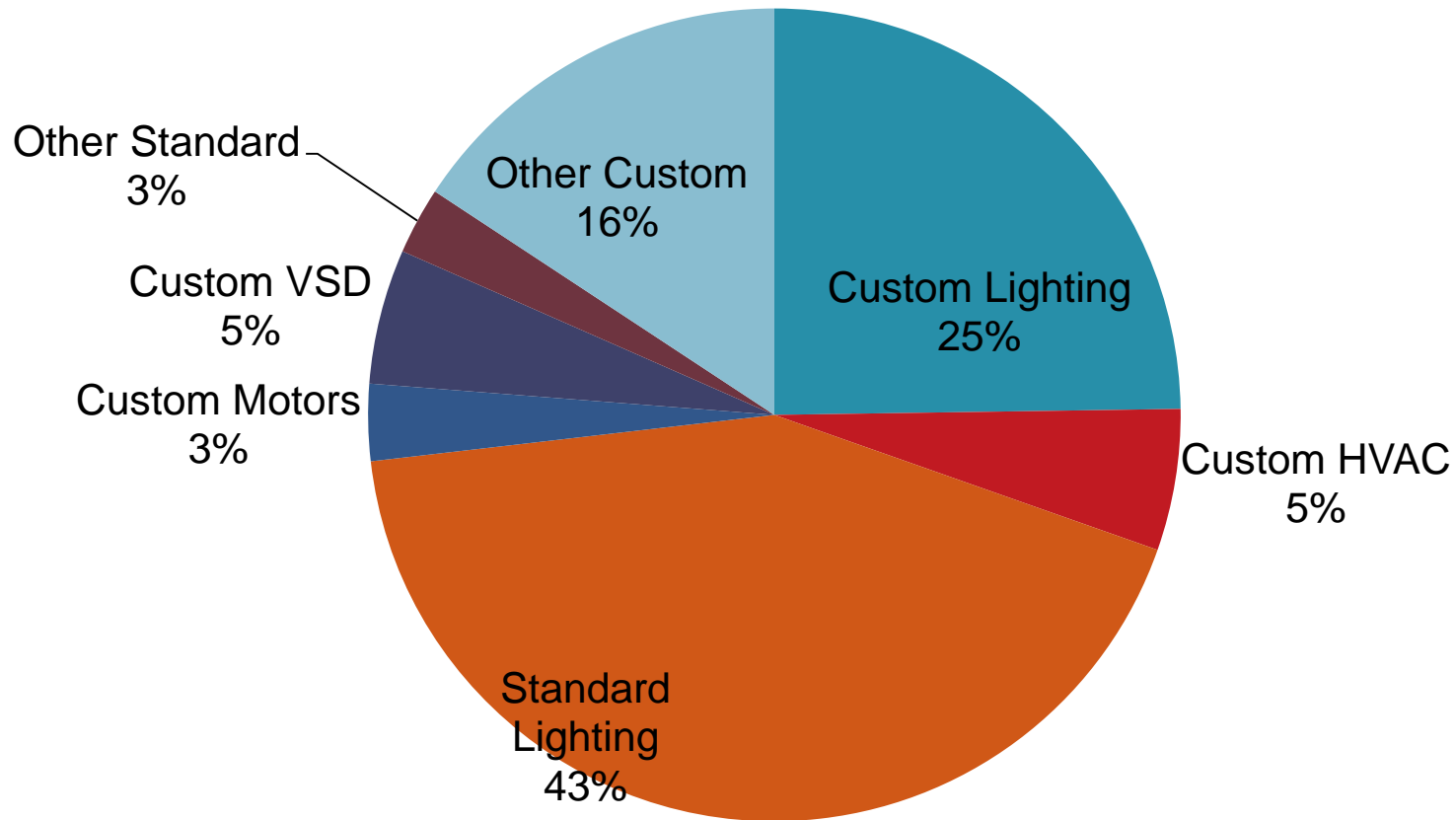
Incentives by Public Category



Category	Applications	Incentives
Local Governments	172	\$3,155,043
k-12 Schools	117	\$3,230,160
Community Colleges	13	\$352,428
Universities	22	\$1,783,612
State	3	\$53,629
Federal	16	\$1,641,220

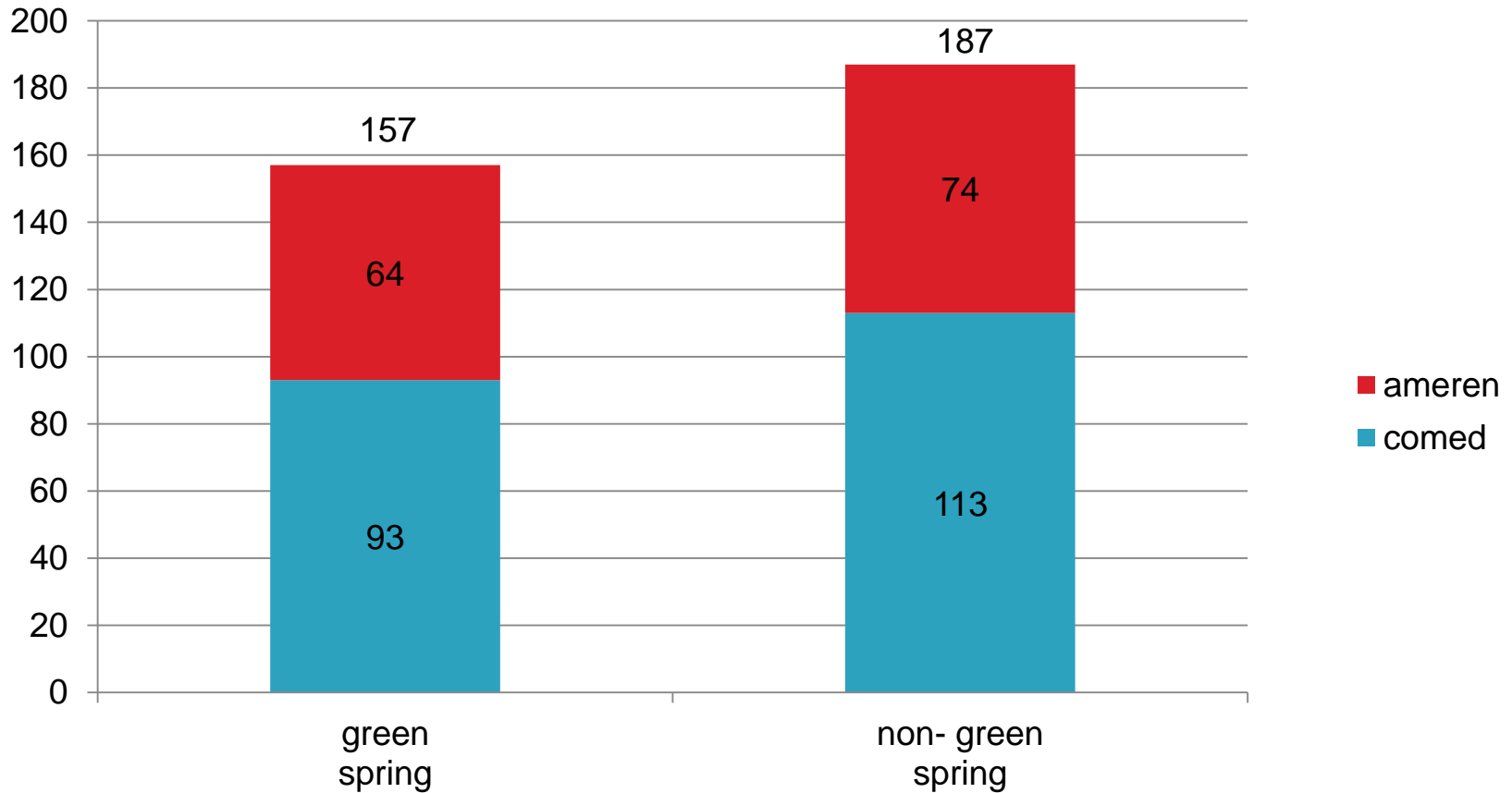
- Two-thirds of the funds are targeted to local governments, k-12 schools, and community colleges.

Share of kWh Savings by Project Type



- Standard and Custom lighting projects are the most common project types.

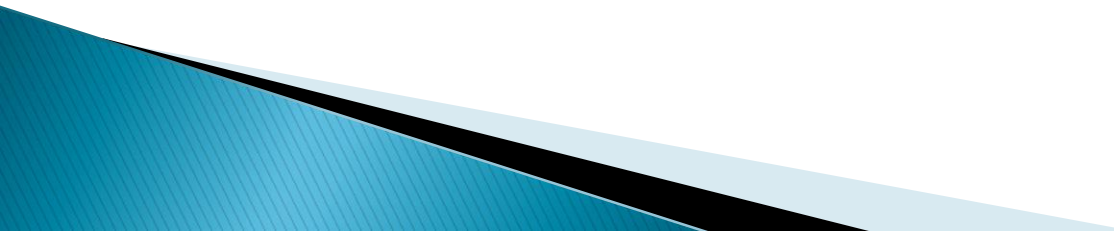
Green Spring Promotion



- **The Green Spring** promotional incentive program commenced on March 5th and ran through April 22nd. There were 157 applications received for a total incentive amount of \$6.26 million and 38.4 MWh energy savings.

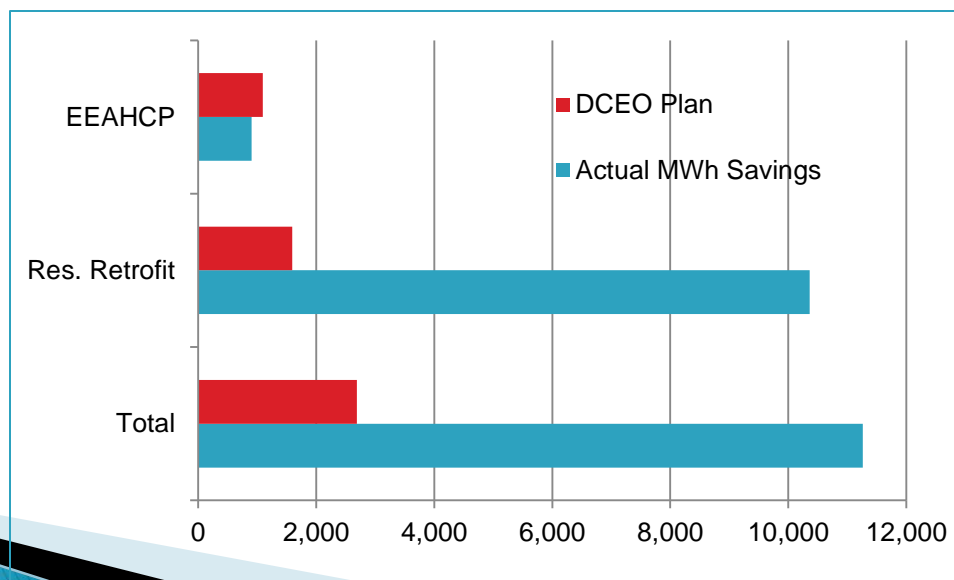


Retro-commissioning and New Construction

- ▶ DCEO initiated 8 pilot Public Sector Retrocommissioning projects in PY 2, through two grants totaling \$424,740.
 - ▶ The projects are estimated to save 4,614 MWh.
 - ▶ DCEO's Public Sector New Construction Program provided approximately \$63,379 in incentives for two new construction projects resulting in an estimated savings of 592 MWh.
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Low Income Programs

- ▶ DCEO's Energy Office administered three low income programs in PY 2:
 - Energy Efficient Affordable Housing Construction Program
 - Energy Efficient Residential Retrofit Program
 - Public Housing Authority Pilot Program
- Overall, DCEO's low income programs achieved four times as much energy savings as projected in its plan, 11,300 MWh vs. 2,700 MWh planned.



Energy Efficient Affordable Housing Program

- ▶ The Energy Efficient Affordable Housing Construction Program (EEAHCP) provided \$1,686,097 in grants for new affordable housing and gut rehab projects.
- ▶ In total, 428 multi-family housing units and one single family unit were completed in year 2.
- ▶ These completed projects achieved 904 MWh in energy savings.
- ▶ In addition, 45 new single family, 806 new multi-family, and 52 multi-family rehab housing units began construction in program year 2.



Low Income Residential Retrofit Program

- ▶ The Low Income Residential Retrofit Program provided \$5,587,824 in grants to eight organizations for direct install programs.
- ▶ The measures installed resulted in 10,360 MWh in energy savings.

Eligible Measures

ENERGY STAR rated refrigerator

ENERGY STAR rated fluorescent light fixtures

CFL Installation

ENERGY STAR rated bathroom exhaust fan

ENERGY STAR rated dishwasher

SEER 14 central air conditioner w/ programmable thermostat

ENERGY STAR rated ceiling fan

ENERGY STAR rated room air conditioner

90% AFUE furnace with electronically commutated motor or equivalent advanced air handler

Thermal envelope improvements that reduce required AC tonnage



Market Transformation Programs

- ▶ The marketing of DCEO programs included:
 - Participation in 33 outreach events with more than 2,553 individuals in attendance.
 - Presentations at over 14 workshops and conferences that attracted approximately 993 attendees.
- ▶ The Smart Energy Design Assistance Center (SEDAC) provided level 1 assistance to 90 clients, completed 157 design assistance reports, provide level 4 follow up services to 69 projects. SEDAC also gave 34 presentations and participated in 36 training sessions.
- ▶ Large–customer Energy Analysis Program (LEAP) Sustainable Energy Planning Workshops were held for ComEd customers on December 10 and for Ameren Illinois customers on December 16. Seventeen organizations attended the two workshops.



Market Transformation - BITE

- ▶ DCEO funded a total of \$600,000 in grants under the Building Industry Training and Education (BITE) Program to provide a variety of training and education to building professionals across Illinois.
- ▶ Projects included:
 - Building codes training and technical assistance
 - Building Operator Certification Program
 - Home Performance with Energy Star planning
 - Building Professional Institute (BPI) Training
 - Energy Rater support and mentoring

