



SAG  
May 31, 2011

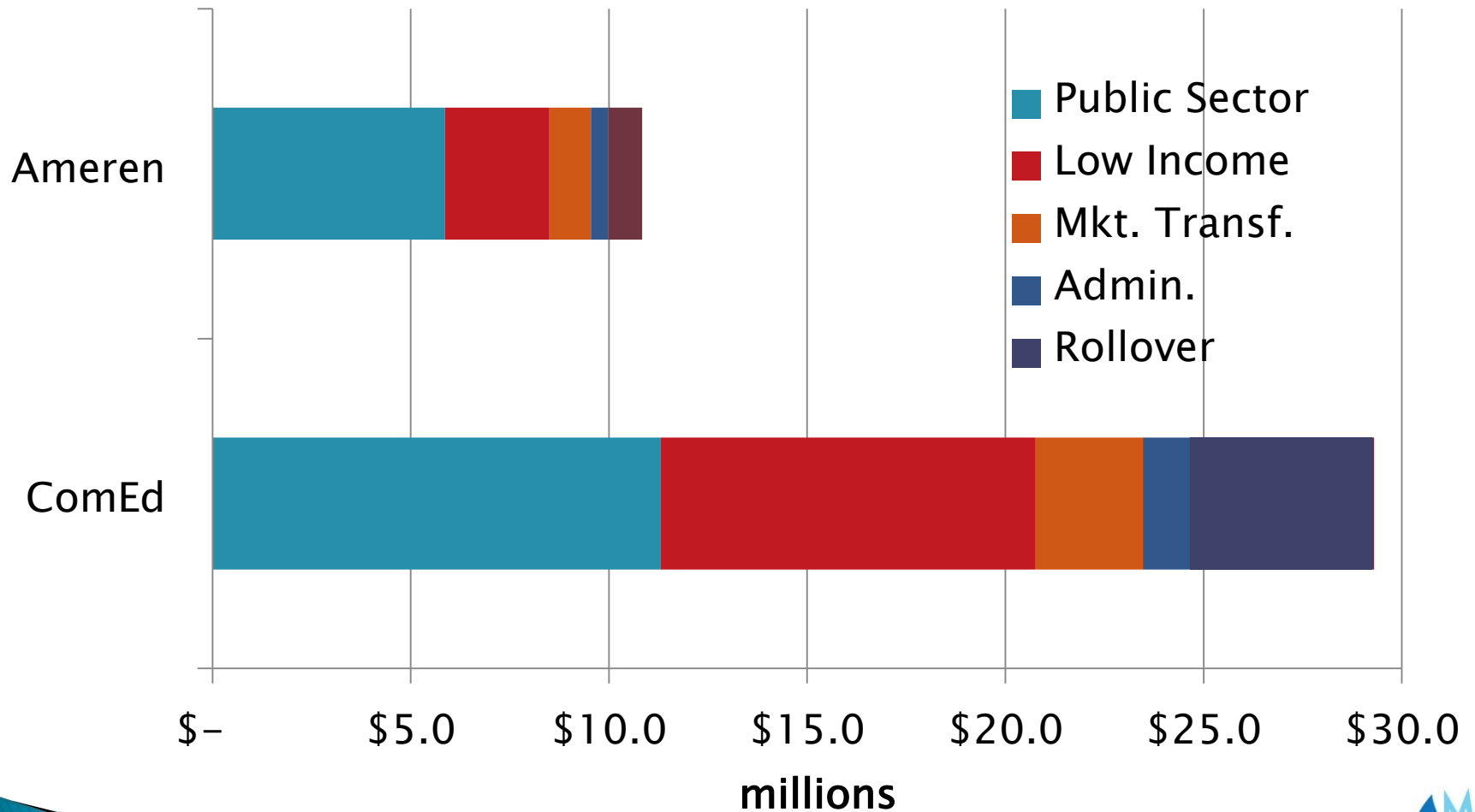
# Quarterly Report



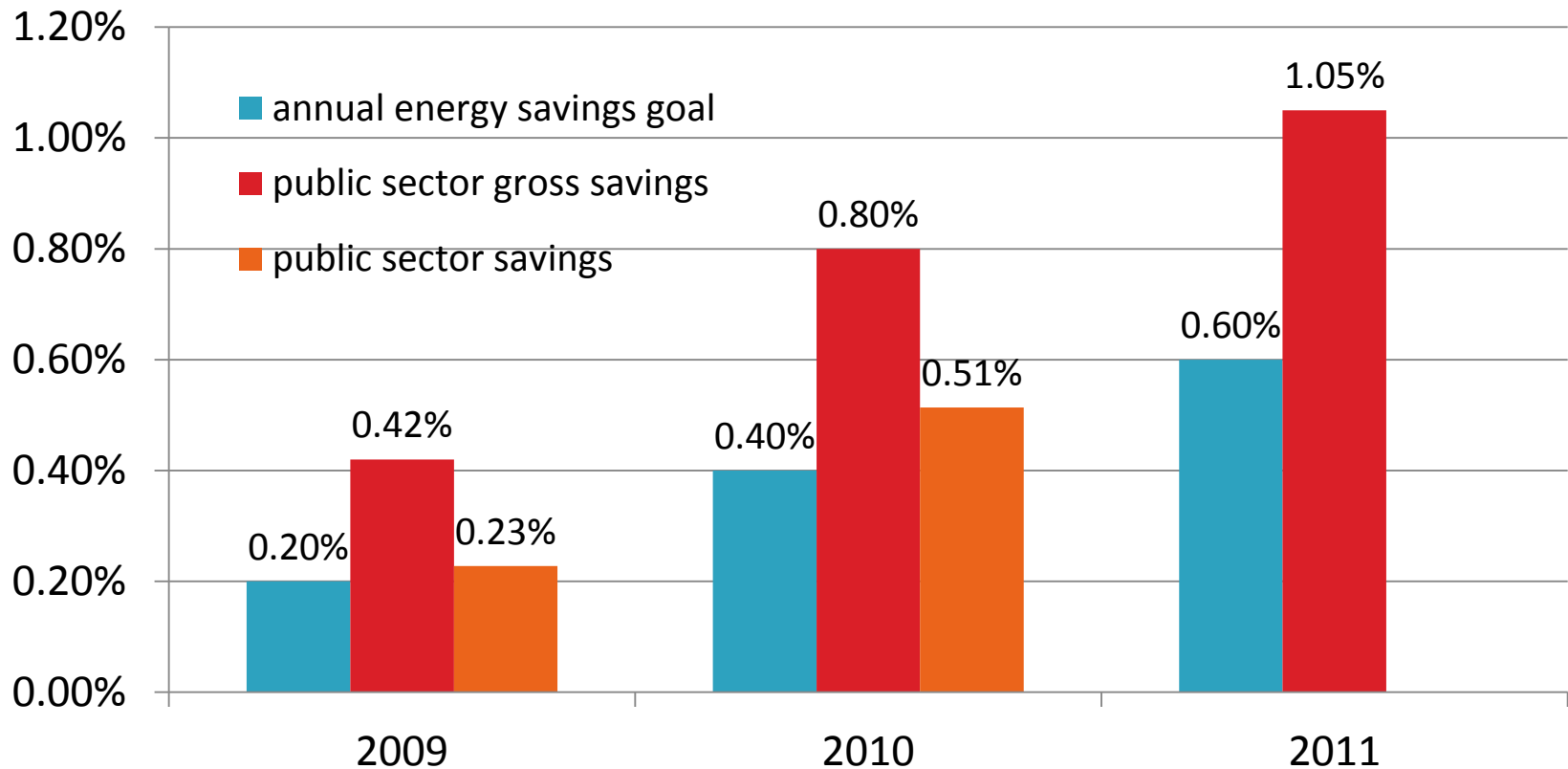
# DCEO Goals

Category	Goal	Actual
Load Reduction Goal	0.6%	1.05%
Local govt, muni corp, k-12 schools, & community colleges	10%	10%+
Low Income Households	6%	7.5%
Portfolio Budget	\$40.1 million	\$39.2 million

# Estimated Expenditures



# Public Sector Load Reduction



- DCEO continues to exceed the legislative goals with its public sector programs
- Additional savings from Market Transformation



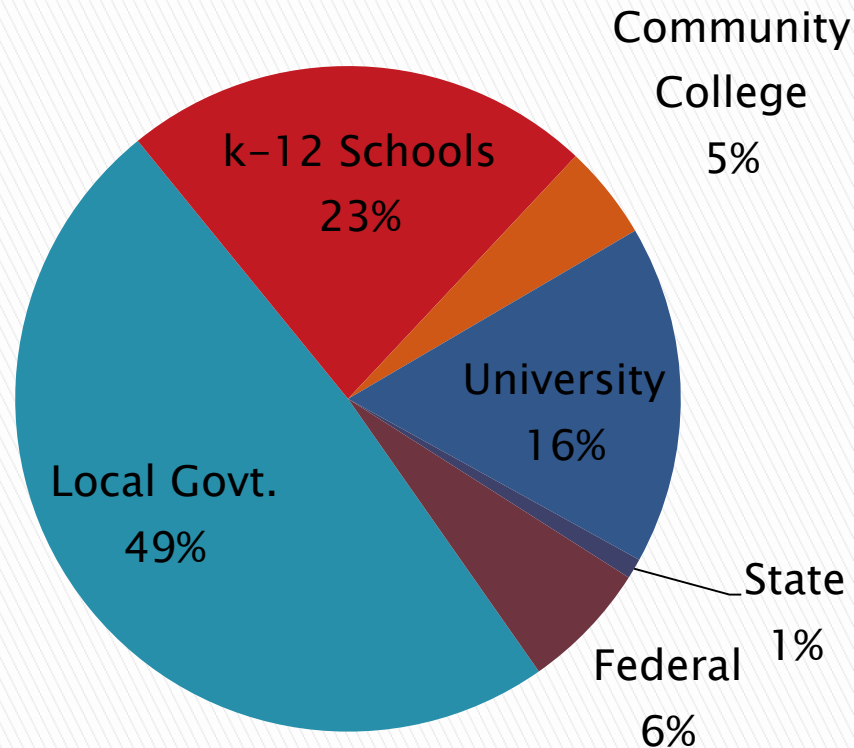
# Public Sector Energy Efficiency Program

- ▶ DCEO received 688 public sector applications through the 4th quarter of PY 3, twice the number of PY 2
- ▶ 125 projects were postponed into next year or cancelled
- ▶ 356 funded applicants were ComEd customers and 207 Ameren Illinois customers
- ▶ 75% of the applications are for standard incentives, 14% for custom incentives, and 11% for a combination of incentives

Program	ComEd	Ameren IL
Standard	264	159
Custom	49	29
Combined	43	19



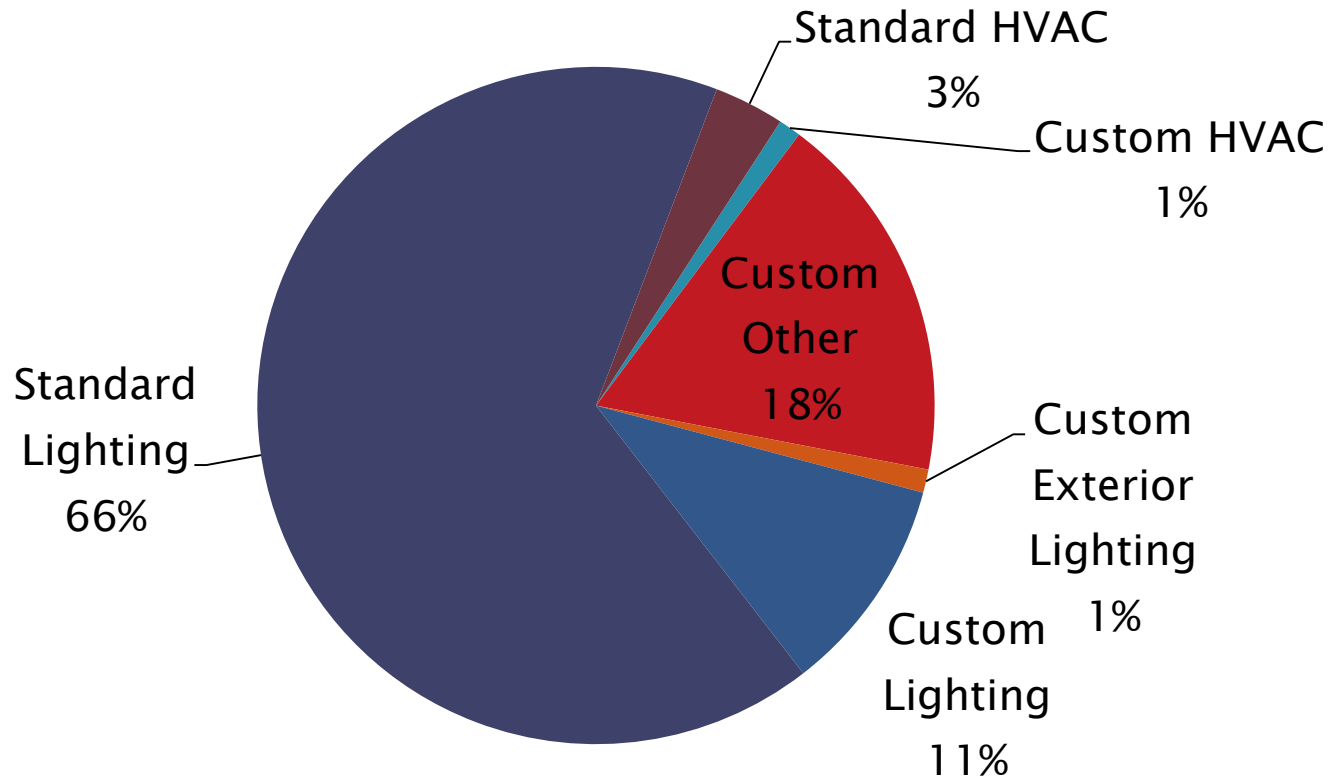
# Percent Savings by Public Category



- More than three-fourths of the funds are targeted to local governments, k-12 schools, and community colleges.



# Percent Savings by Project Type



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



# Retro-commissioning Program

- ▶ Through grants to SEDAC and Nexant, DCEO completed 9 projects and initiated 15 new projects in PY 3
- ▶ The projects are estimated to save 4,323 MWh

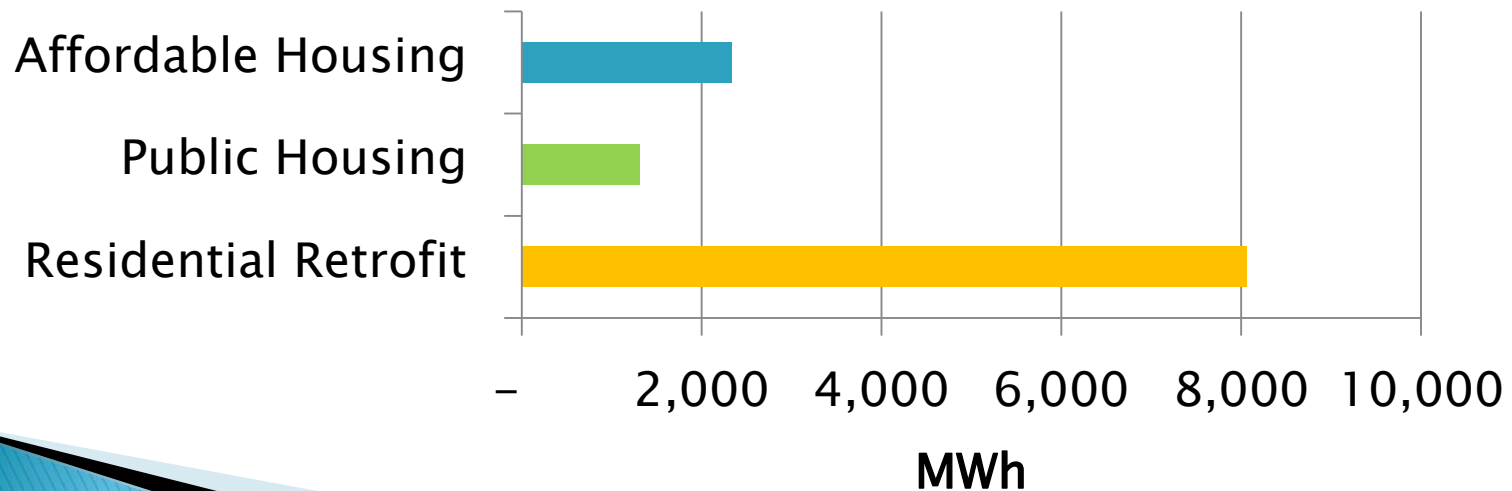
Utility Territory	Completed Projects	New Projects	Budget	Energy Savings (MWh)
ComEd	4	9	\$875,345	1,769
Ameren	5	6	\$500,000	2,554
TOTAL	9	15	\$1,375,345	4,323

- ▶ Examples of projects:
  - Normal Children's Discovery Museum
  - Peoria Civic Center
  - Harold Washington Library
  - Cook County Building
  - Soldier Field



# Low Income Programs

- ▶ DCEO administered three low income programs in PY 3:
  - Energy Efficient Affordable Housing Construction Program
  - Energy Efficient Residential Retrofit Program
  - Public Housing Authority Program
  - Overall, DCEO's low income programs achieved more than twice as much energy savings as originally projected, 12,013 MWh vs. 5,088 MWh planned



# Energy Efficient Affordable Housing Program (EEAHCP)

- ▶ EEAHCP provided \$3,309,747 in grants for new affordable housing and gut rehab projects
- ▶ In total, 27 projects to develop 1,464 housing units were initiated and 22 projects involving 1,254 units were completed
- ▶ The completed projects achieved 2,338 MWh in energy savings

Utility	Housing Units Initiated	Housing Units Completed	Budget	Energy Savings (MWh)
ComEd	1,316	1,040	\$2,861,454	1,913
Ameren	148	214	\$448,293	425
Total	1,424	1,254*	\$3,309,747	2,338

\*Includes 984 units started in PY 2.



# Low Income Residential Retrofit Program

- ▶ The Low Income Residential Retrofit Program provided \$5,587,824 in grants to seven organizations for direct install programs.
- ▶ The installed measures are estimated to save 8,065 MWhs.

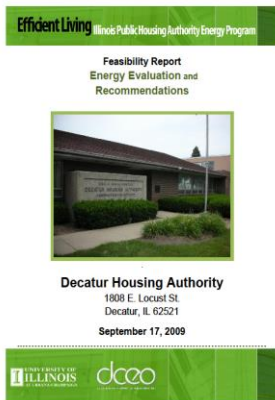
Eligible Measures
ENERGY STAR rated refrigerator
ENERGY STAR rated fluorescent light fixtures
CFL Installation
ENERGY STAR rated bathroom exhaust fan
ENERGY STAR rated dishwasher
SEER 14 central air conditioner w/ programmable thermostat
ENERGY STAR rated ceiling fan
ENERGY STAR rated room air conditioner
90% AFUE furnace with electronically commutated motor or equivalent advanced air handler
Thermal envelope improvements that reduce required AC tonnage



# Efficient Living: Public Housing Program



- Administered by Building Research Council, targeting 84 PHAs participating in the energy efficiency portfolio
- Provided technical assistance and grants to 12 PHAs in PY 3 for retrofit measures



Utility	No. of PHAs	Budget	Energy Savings (MWh)
ComEd	6	\$1,460,020	1,040
Ameren	6	\$539,980	571
TOTAL	12	\$2,000,000	2,610



# Market Transformation Programs

- ▶ **The Smart Energy Design Assistance Center (SEDAC)**
  - Provided level 1 assistance to 190 clients, completed 93 design assistance reports (level 2 & 3), provided level 4 follow up services to 28 projects
  - Identified 20,000 MWh in savings and 2 MW demand reductions
  - Plan to count “additional” savings in PY 3
- ▶ **Large–customer Energy Analysis Program (LEAP)**
  - Held four Sustainable Energy Planning Workshops with total participation of 34 attendees from business and government
- ▶ **Building Industry Training and Education (BITE)**
  - Funded a total of \$1,300,000 in grants to provide a variety of training and education to building professionals across Illinois
- ▶ **Energy Performance Contracting**
  - Provided technical assistance to schools, PHAs, and local governments



# Market Transformation – BITE

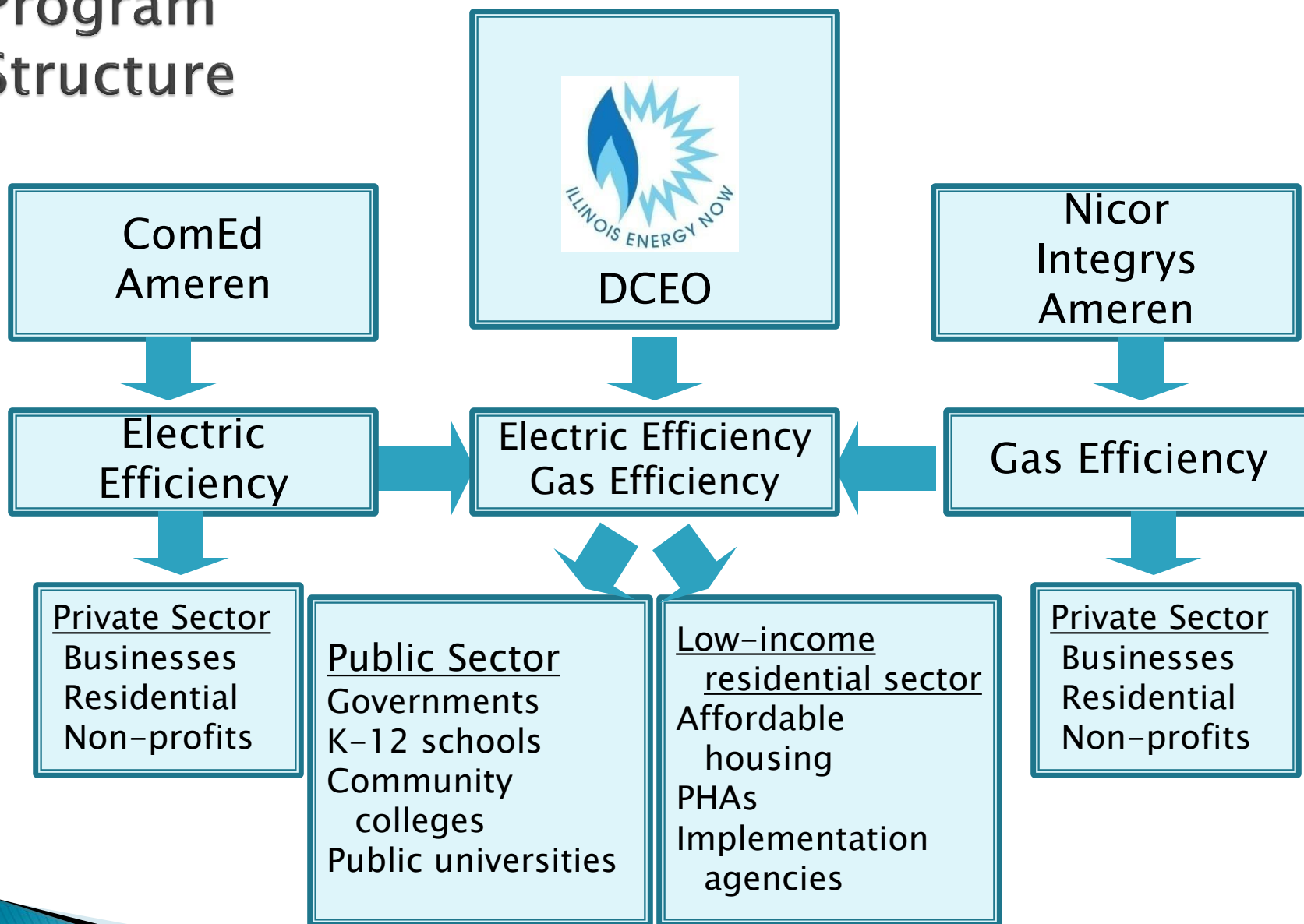
- ▶ Projects included:
  - Building codes training and technical assistance
  - Building Operator Certification Program
  - Home Performance with Energy Star planning
  - Building Professional Institute (BPI) Training
  - Energy Rater support and mentoring
  - Project Implementation Assistance





# Integrated Natural Gas and Electric Efficiency Programs

# Program Structure



# Comparison of Commission Orders

	ComEd	Ameren	Nicor	Peoples/North Shore
Energy Savings Goal	no change	no change kWh/+31% therms	+42% therms	+54%/+40% therms
Budget Cap	no change	no change	+20% available dollars	no change
Year-by-year vs. Triennial Approach	NA	"gas savings goals...are cumulative", total goal and budget approved	"The Commission agrees...Nicor's ramped budget is appropriate and, therefore, rejects DCEO's proposed flat budget"	"It is [the Utilities'] choice...a levelized approach by DCEO would make the reconciliation process...unnecessarily complicated."
Plan Approval	approved	electric and gas plan approved, gas to be revised	not addressed	conditionally approved
DCEO Compliance Filing	none required	filing within 30 days to meet 20% of revised gas goals	filing within 30 days to meet 20% of revised gas goals	not addressed
EM&V	DCEO to file RFP & contract w/in 10 days, add language that ICC has right to approve, reject, or terminate	DCEO to file RFP & contract w/in 10 days, add language that ICC has right to approve, reject, or terminate	DCEO to file RFP & contract w/in 10 days, add language that ICC has right to approve, reject, or terminate	ICC cannot modify procurement process, nor add additional requirements



# Estimated Budget for Illinois Energy Now

Year	Electric	Natural Gas
2011-12	\$ 54 million	\$12 million
2012-13	\$ 55 million	\$19 million
2013-14	\$ 55 million	\$25 million



[www.illinoisenergy.org](http://www.illinoisenergy.org)

**2011-2012 Program Year 4 Guidelines and Application available now for Illinois Energy Now Public Sector Electric and Natural Gas Efficiency Programs (for projects completed June 1, 2011 – May 31, 2012).**

Please Check here for Funding Availability before proceeding with Application for Illinois Energy Now Public Sector Standard and Custom Incentive Programs.

Table 1. Funding Availability June 1, 2011

ELECTRIC		
✓	Ameren	Yes
✓	ComEd	Yes
NATURAL GAS		
✓	Ameren	Yes
✓	Nicor	Yes
✓	North Shore	Yes
✓	Peoples	Yes



# Status of Guidelines and RFAs

- ▶ Standard and Custom, New Construction, and Affordable Housing guidelines & applications posted on DCEO website
- ▶ Retro-commissioning and Public Housing applications available through SEDAC
- ▶ Public Sector Standard and Custom Incentive Webinar June 7, 2011 2:00 p.m.
- ▶ BITE RFA released – applications due June 15
- ▶ Public Sector Aggregation RFA under development



# Building Industry Training & Education

- ▶ *Programs encourage capacity building, training, and education on cost-effective energy efficiency measures and to increase the receipt and completion of projects.*
- ▶ Continue existing Programs:
  - Building energy code training
  - Building Operator Certification
  - Home Performance with Energy Star
- ▶ Plan to measure savings from BOC (and later energy code programs)





# Building Industry Training & Education New Programs

## **Trade Ally Training**

- Coordinate statewide effort to educate DCEO trade allies to assist Public Sector entities in applying for Illinois Energy Now programs, provide incentives for trade allies.

## **Community College Training Program**

- Coordinate energy efficiency training for students, community college staff and facility managers to achieve energy savings goals across community college system.

## **Low income Implementation Assistance**

- Provide technical assistance to affordable housing developers and building owners/landlords in improving energy efficiency of existing and new low income housing.



# Public Sector Aggregation Program

- ▶ Pilot program to enable larger local governments, regional agencies, not-for-profits to aggregate projects
- ▶ Targeted sectors: local governments, community colleges, and k-12 schools
- ▶ Aggregators may focus on a single type of efficiency measure, a combination of measures or the full range of eligible measures
- ▶ Must track projects using DCEO procedures and database, administer funds, and verify implementation



# New DCEO Database





# Energy Efficiency Portfolio

[Park Ridge Niles CCD 64] [3753]

Environment: CMS-QA

Home	<b>Project 3753</b>	
Project	General Project Information	
Applicant	Description	
Contact	Project Description: ESC Admin Bldg Carpenter School	Start Date: 6/20/2011
Location	Assigned To: Johnny Habibi	Completion Date: 5/31/2012
Invoicing	Program Category: Public Sector	Program Year: PY4
Reports	Project Type: Standard/Custom	Rate Year: PY4
Incentives	Promotions	
Remaining Funds	External Funding Sources	
Staff	Funding Source	Amount
Program Year	Total: \$0.00	
Code Maintenance	<input type="checkbox"/> Pre-Project Site Visit Required <input type="checkbox"/> Post-Project Site Visit Required	
Program Summary	SiteVisits	
	Visit Type	Visit Date
	Staff	Description
	Electric	Natural Gas
	General Information	
	Utility: Commonwealth Edison	Utility: Select
	Status: Preapproval	Status: Select
	Rebate/Grant: Large Rebate	Rebate/Grant: Select
	Invoices	
	Oblg. Date	Invoice Date
	Amount	Amount
	Energy Savings	
	Total Standard: 125,726 kwh	Total Standard: 0 thm
	Total Custom: 0 kwh	Total Custom: 0 thm
	Total Savings: 125,726 kwh	Total Savings: 0 thm
	Incentives	
	Total Standard: \$44,692.50	Total Standard: \$0.00
	Total Custom: \$0.00	Total Custom: \$0.00
	Total Incentives: \$44,692.50	Total Incentives: \$0.00
	Total Incentives (All): \$44,692.50	
	Total Project Cost: \$101,652.28	
	Funding Percent: 43.97%	
	Application Document Tracking	
	Pre-Application (In):	5/27/2011
	To Accounting (Out):	
	Rebate Agreement (Out):	
	Rebate Agreement (In):	
	Final Application (In):	
	Final Approval (In):	
	Director's Approval (In):	
	Vouchered Out (Out):	



- Home
- Project
- Applicant
- Contact
- Location
- Invoicing
- Reports
- Incentives
- Remaining Funds
- Staff
- Program Year
- Code Maintenance
- Program Summary

## Park Ridge Niles CCD 64

Name\*:

Applicant Type\*:

FEIN/TIN\*:

Eligibility:  Is Eligible

Address:   (Help)

Line 1:

Line 2:

City:  State:  Zip:  +4:

Contacts		New Contact	Add Global
Name	Phone	Is Primary	
Scott Mackall	(847)318-4313	X	

Locations		New Location
Name	City	Zip
Jefferson School	Niles	60174
ESC Administration Bldg	PARK RIDGE	60068
Emerson Middle	NILES	60714
Field School	PARK RIDGE	60068
Carpenter	PARK RIDGE	60068
Lincoln Middle School	PARK RIDGE	60068
Washington School	PARK RIDGE	60068
Roosevelt School	PARK RIDGE	60068

Projects		New Project		
No.	Description	Applicant Name	Status	Project Amount
3751	lights	Park Ridge Niles CCD 64		\$44,586.50
3752	Field School	Park Ridge Niles CCD 64		\$38,641.00
3753	ESC Admin Bldg Carpenter School	Park Ridge Niles CCD 64		\$44,692.50

