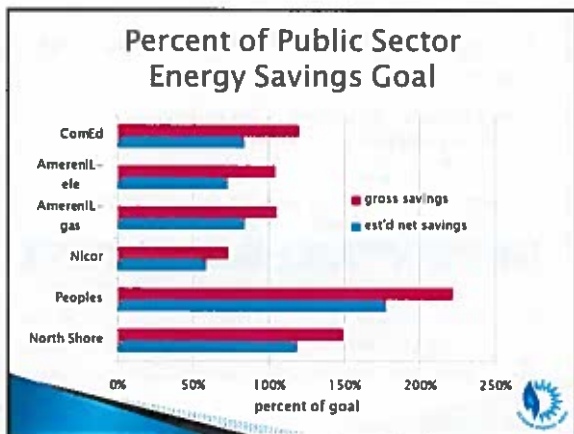
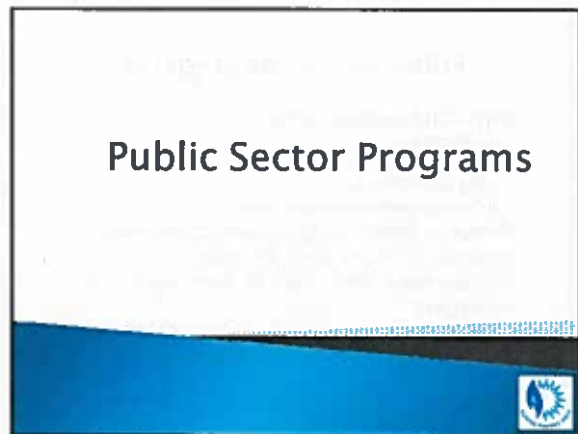


### Program Obligations and Remaining Funds

Program Area	ComEd	AmerenIL	AmerenIL Gas	Nicor	Peoples	North Shore	TOTAL
Public Sector	\$18,830,073	\$7,099,060	\$1,390,495	\$1,866,726	\$1,091,009	\$245,583	\$30,512,947
Low Income	\$9,320,840	\$3,607,034	\$1,421,588	\$1,480,615	\$963,117	\$58,019	\$16,853,212
Market Transformation	\$4,168,737	\$1,267,110	\$348,399	\$631,401	\$284,458	\$46,852	\$6,747,758
<b>Total Obligated</b>	<b>\$32,319,650</b>	<b>\$11,963,204</b>	<b>\$3,161,482</b>	<b>\$1,978,743</b>	<b>\$2,340,583</b>	<b>\$350,254</b>	<b>\$54,113,916</b>
Program Budget	\$35,570,857	\$13,333,864	\$4,170,435	\$6,606,672	\$2,485,103	\$400,994	\$62,547,425
<b>Remainder</b>	<b>\$3,250,709</b>	<b>\$1,370,661</b>	<b>\$1,008,952</b>	<b>\$2,627,929</b>	<b>\$134,519</b>	<b>\$50,739</b>	<b>\$8,432,508</b>



### Public Sector - Standard & Custom

- DCEO has received 544 public sector Standard and Custom applications in the current program year
- 495 applications were for electric measures and 49 for natural gas measures, 37 applied for both
- 66% of the applications are for standard incentives, 18% for custom incentives, and 16% for a combination

Program	ComEd	Ameren IL Elec	Ameren IL Gas	Nicor	Peoples	North Shore	TOTAL
Standard	229	110	9	10	1	3	362
Custom	47	26	8	14	1	5	99
Combined	65	18	0	0	0	0	83
<b>TOTAL</b>	<b>341</b>	<b>154</b>	<b>15</b>	<b>24</b>	<b>2</b>	<b>8</b>	<b>544</b>

## New Construction Program

- 4 projects in Ameren territory
  - Atkinson and Newman Fire Protection District
  - Newman Fire Protection District
  - Carterville and Champaign School Districts
- 2 projects in ComEd/Nicor territory
  - College of DuPage
  - Village of Mt. Prospect
- Estimated energy savings of 1.9 million kWh and 31,824 therms
- 5 additional projects may complete this year



## Retro-commissioning Program

- 15 projects in verification stage, with energy savings of ~10.7 million kWh and 841 kW
- 28 new projects are underway (>10 million sf)
- 5 additional to start
- Examples of projects:
  - McCormick, O'Hare CTA
  - Universities – UIC & SIUE
  - CCs – Lake Co. Moraine Valley, Southwest Illinois
  - K-12 – Chicago, W Aurora, Glenbrook, Columbia
  - Police departments – Chicago & Bloomington

Utility Territory	Completed Projects	New Projects
ComEd elec only	9	1
Ameren elec only	6	
Ameren gas/elec		4
Ameren/Nicor		1
ComEd/Nicor		9/5
ComEd/No. Shore		1
ComEd/Peoples		12
<b>TOTAL</b>	<b>15</b>	<b>28/33</b>



## Public Sector Aggregation

- 2011 – 2012 Award recipients
  - City of Chicago
  - IGEN – Community College Sustainability Network
  - Metro Mayors Caucus
  - Ill County Commissioners Association
- Monitoring closely through frequent communication
- Increased funding for some territories
- Allocated funds - \$9.1 million (\$8 million electric, \$1.1 million gas)
- Estimated savings – 56.9 million kWh, 794,000 therms



## Boiler Tune-Up Program

- Encourage investment in energy efficiency through:
  - Boiler Tune-Ups
  - Steam Trap Repair/Replacement
  - Pipe Insulation Repair
- Very cost-effective - \$0.19-\$0.76/therm
- Projects:
  - Amtrak
  - Universities – NIU, WIU, UIC, & UIUC
  - CCs – Harper College, College of Lake Co.
  - K-12 – District 181, Indian Prairie SD
  - Municipalities – Evanston, Springfield, Niles
- Potential projects
  - CPS, CHA, Housing Auth. of Cook, Navy Pier, McCormick



Incentives by Measure

[boiler@uic.edu](mailto:boiler@uic.edu)



## Low Income Programs

## Energy Efficient Affordable Housing Construction Program

- New projects – 29 projects, 1,597 housing units:
  - 10 multi-family gut rehab projects, 530 units
  - 13 multi-family new construction, 991 units
  - 6 single family new & gut rehab, 76 units
- Carryover from previous year - 17 projects including 1,122 housing units still under construction

	Electric			Natural Gas				Elec & Gas	Grand Total
	ComEd	Ameren	Total	Ameren	Near	Peoples	North Shore		
Carryover FY11	\$1,896,456	\$176,063	\$2,174,541	\$0	\$0	\$0	\$0	\$0	\$2,174,541
Outgoing FY12	\$1,384,011	\$403,174	\$1,777,186	\$234,252	\$277,403	\$341,239	\$10,283	\$863,177	\$2,640,363
<b>Total Outgoing</b>	<b>\$3,302,470</b>	<b>\$588,257</b>	<b>\$3,891,728</b>	<b>\$234,252</b>	<b>\$277,403</b>	<b>\$341,239</b>	<b>\$10,283</b>	<b>\$863,177</b>	<b>\$4,804,803</b>



## Low Income Residential Retrofit Program

- Issued grants to 7 organizations for direct install of efficiency measures in existing low income households.
- Awards total \$7.5 million (\$6.1 million electric, \$1.4 million gas)
- Weatherization and CDAP include natural gas measures, while others grants limited to electric measures

Program	Measures
LI-HEAP Weatherization	Elec and gas
Community Development Assst. Program	Elec and gas
CNT - Energy Savers	Elec measures
Springfield CWLP	Non-EEPS elec
Bungalow Assoc.	Elec measures
Delta Institute	Elec measures
Hispanic Housing	Elec measures



## Public Housing Authority Program



- Agreements with PHAs for energy efficiency measures:
  - Amaren - 14 PHAs approved (8 gas/elec, 6 only elec), 5 PHAs in process, apps to add gas or add'l elec
  - ComEd/Nicor - 6 PHAs approved (4 gas/elec, 2 elec only), 1 in process, apps for more gas projects
  - ComEd/North Shore - 1 PHA, gas only
  - ComEd Peoples - in discussion with CHA
- Increased budget 25% - \$2.87 million electric, \$1.65 million gas
- Upcoming workshop - *Green Operation 101: How sustainable is your PHA?* Presented with HOK Architecture to provide a framework for helping PHAs develop green operations and maintenance plans
- HUD Multi-Family Energy Innovation Program - received HUD award to demonstrate the capability of self-managed energy performance contracting for small and medium size public housing authorities



## Market Transformation Programs



## Turn Green into Green



- New trade show booth - seen at B4 Conference
- New brochures
- Strategic Statewide Planning to promote Illinois Energy Now
- Planning stages to improve and redesign DCEO website



## Trade Ally Program

**PUBLIC SECTOR AND LOW INCOME ENERGY EFFICIENCY PROGRAM 2011-2012 TRADE ALLY PROGRAM**

**What is a Trade Ally?**

The Illinois Energy Now Trade Ally Program has been created to the benefit of both our trade ally members and their clients. Energy efficiency programs need to be successful through the trade ally network. Trade allies are general contractors, lighting installers, HVAC installers, emergency services, energy service companies, and engineering services, inspectors and installers who are involved in the program to deliver client energy efficient building solutions to their trade ally clients. Trade Ally has a role in the quality of energy efficiency programs. Trade Ally has a role in the sustainability of program value and production.

Our Trade Ally site is designed to help you identify your clients and energy efficiency programs and install. Through various program support and guidance from program staff and suppliers, Illinois Energy Now can help your clients through the enrollment process, including providing 24/7 program support.

Our Trade Ally site programs offered through our website, the Illinois Energy Now Program is designed to provide for industry professionals working with public sector clients in various areas. The building industry can benefit from this program. Please visit our site for more information.

UNC Energy Resources Center

## Building Industry Training & Education

- \$3.4 million in grant awards to 7 different organizations
- Funding for 8 programs/projects to provide a range of training, education, and technical assistance

Program	Grantee
Building Energy Codes Training	International Energy Conservation Consultants
Building Operator Certification	Midwest Energy Efficiency Alliance
Home Performance with Energy Star	Midwest Energy Efficiency Alliance
Trade Ally Program	UIC Energy Resources Center
Community College Training & Education	Illinois Green Economy Network
Schools Technical Assistance	Shelton Solutions
Low Income Technical Assistance	Domus Plus
Low Income Audits - Energy Savers	Center for Neighborhood Technology
Better Buildings Conference	Energy Center of Wisconsin



## Smart Energy Design Assistance

**Design Assistance Program:**

- 104 energy assessments complete (~14 million sf)
- Potential savings: >38 million kWh & >2.5 million therms.
- Potential money savings: >\$6.7 million (24%)
- 90 energy assessments in process (~9 million sf)

**Training and Presentations:**

- 8 Energy Workshops, 1 webinar, & 30 other presentations.

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

## EPC Technical Assistance

Entity	Status	Project Size	Est'd Annual Savings
UIUC	phase 2 construction started	\$10.7 M	\$1.2 M
UIC	3 proposals under review	~\$20 M	
NEIU	nearly complete	\$6.14 M	\$400 k
ISU	60% constructed	\$8.5 M	\$600 k
City of Chicago/CPS	3 ESCOs selected, in negotiations	\$25-35 M	
Daley Center	nearly complete	\$7.74 M	\$462 k
Springfield Airport	95% complete	\$1.7 M	\$126 k
City of Decatur	actively working on RFP		
Illinois CMS	RFP development nearly complete		
CTA	actively working on RFP		
		~\$75 M	>\$6 M

## Codes Training Program

**Energy Codes FREE Training**

## BUILDING OPERATIONS CERTIFICATION

- One training series completed in Chicago in December with 26 graduates.
- Five Series to begin this month - 3 in Chicago and 2 in Springfield - with 96 students enrolled.
- Final series scheduled to start next month in Normal.

Location	Students Enrolled	Graduates
Chicago	26	26
Chicago	19	TBD
Chicago (Closed Enrollment at U of C)	18	TBD
Chicago, Level II	10	TBD
Springfield 1	27	TBD
Springfield 2	22	TBD
Normal	TBD	TBD
<b>7 series Total</b>	<b>122</b>	<b>Goal: 136</b>

## Status and Contractor Resources

- Program launched in Northern IL Oct 31 through partnership w/ Energy Impact IL
- First 2 retrofits completed
- 17 contractors now enrolled
- Training calendar - consolidated list of all relevant trainings across IL
  - Building Science Training Series
  - Rebates of \$250 for BPI Building Analyst, Envelope, Air Sealing certifications
- Building Science Hotline: 866-395-1032 ext. 3
- Equipment Loan Program: partnership between MEEA and IGEN, targeting launch in March
- Developing IHP co-marketing materials
- IHP Gold & Silver Certificates - only IHP Participating Contractors can offer these to homeowners

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

## Silver Certificate of Completion

**Home Energy Upgrade Improvements**

- Air sealing performed in attic and basement reducing total air leakage rate by 28%
- R-38 insulation added to entire attic floor and installed an insulated attic hatch
- R-11+ wall cavity insulation installed in conditioned basement
- Vented existing bath fan to the outside
- Sealed exposed exterior brick and caulked where brick meets foundation

Went prepared on: 11/10/2011

Savings **35%** estimated total energy use reduction

**\$442/year** estimated energy bill reduction

Jonathan F. East, Deputy Director  
Illinois Energy Office

**ENERGY STAR**

## New Energy Office Program Electric Vehicles

- State and Federal funding
- RFA's to be releases late February 2012
- Projects focused on charging station infrastructure, supply chain manufacturers, rebates for multi-unit & single unit residential and commercial fleets
- Private and public sectors targeted



