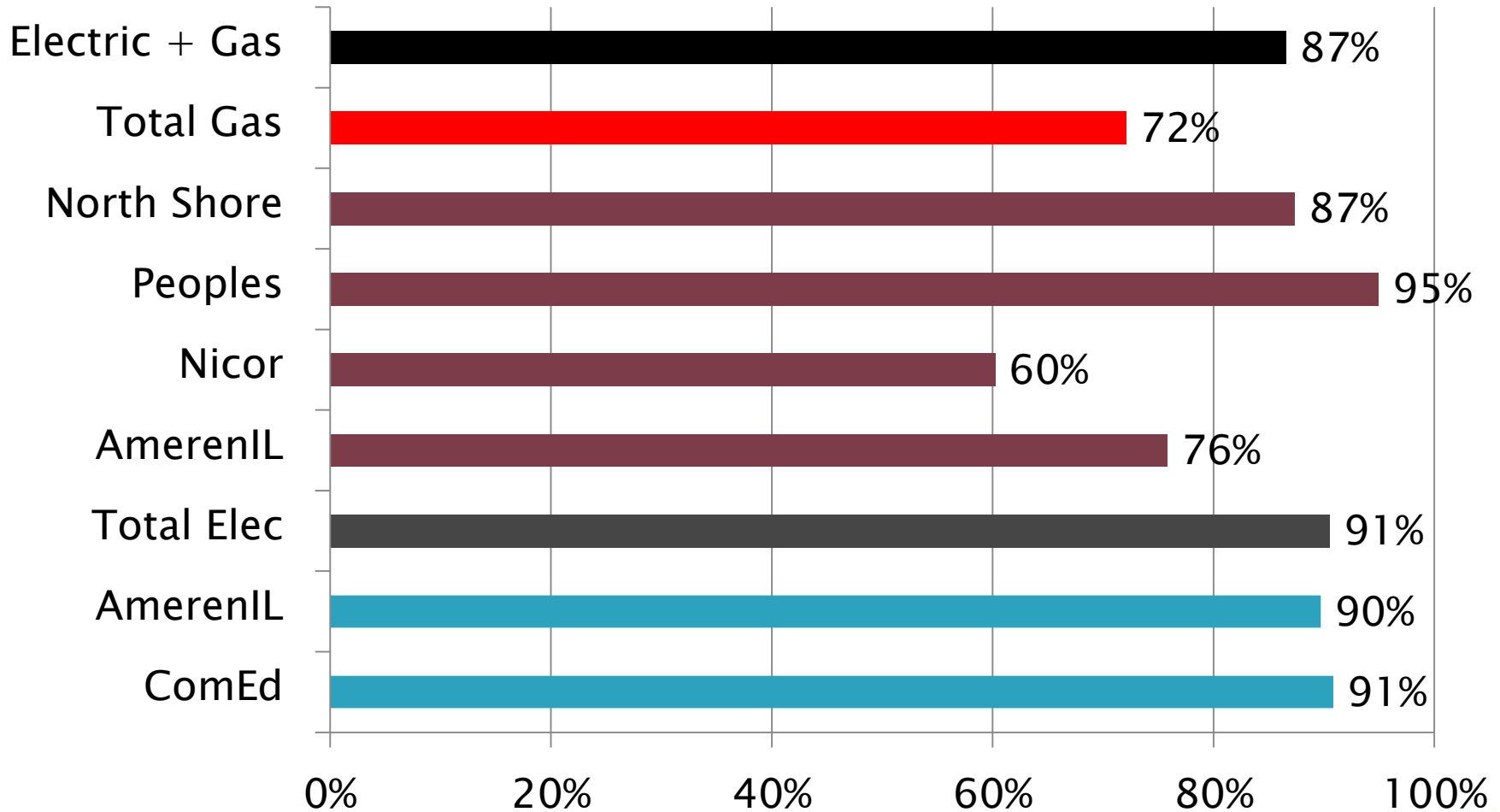




DCEO Quarterly Report February 7, 2012

Illinois Energy Now

% obligated of Program Funds



Program Obligations and Remaining Funds

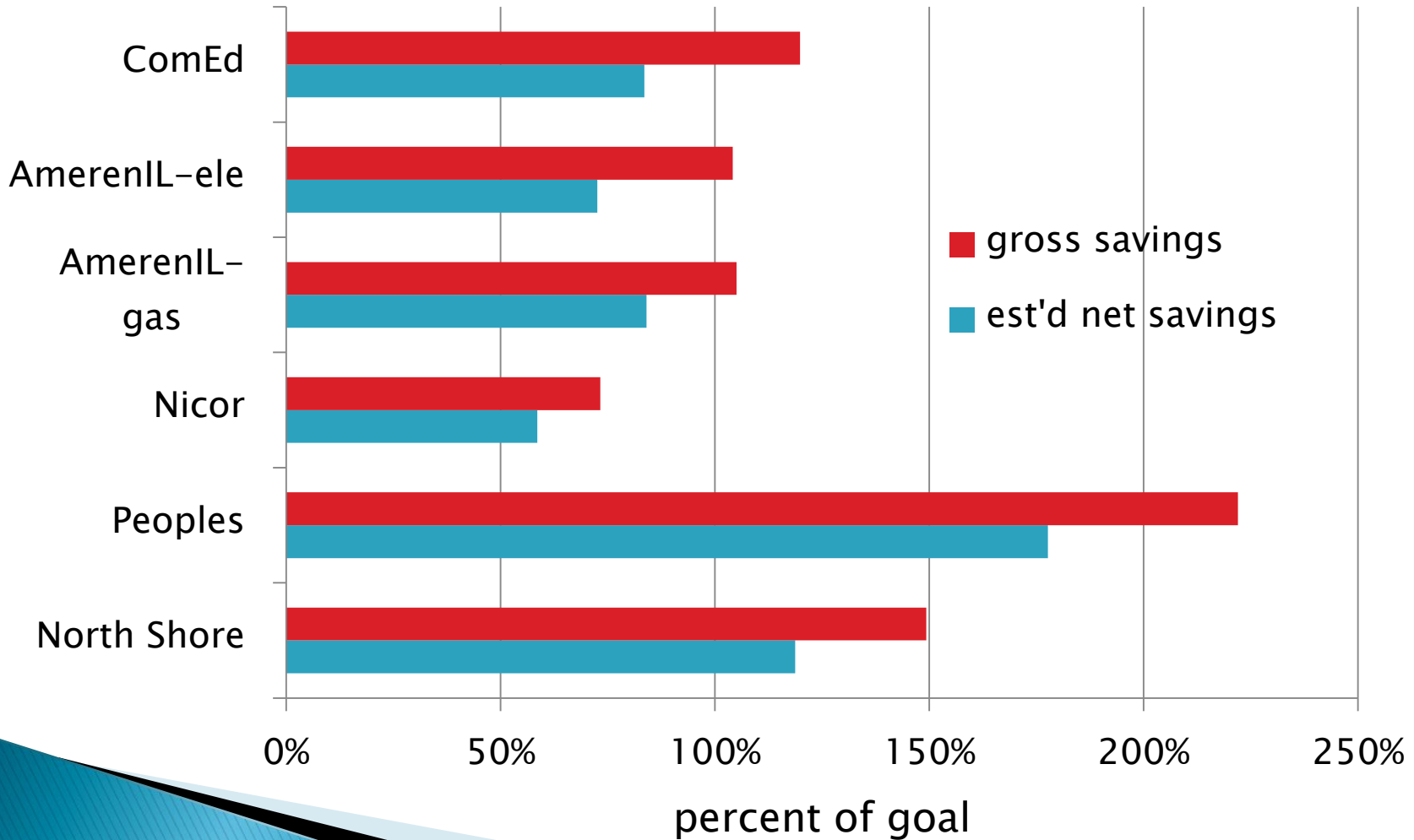
Program Area	ComEd	AmerenIL elec	AmerenIL gas	Nicor	Peoples	North Shore	TOTAL
Public Sector	\$18,830,073	\$7,089,060	\$1,390,495	\$1,866,726	\$1,091,009	\$245,583	\$30,512,947
Low Income	\$9,320,840	\$3,607,034	\$1,421,588	\$1,480,615	\$965,117	\$58,019	\$16,853,212
Market Transformation	\$4,168,737	\$1,267,110	\$349,399	\$631,401	\$284,458	\$46,652	\$6,747,758
Total Obligated	\$32,319,650	\$11,963,204	\$3,161,482	\$3,978,743	\$2,340,583	\$350,254	\$54,113,916
Program Budget	\$35,570,357	\$13,333,864	\$4,170,435	\$6,606,672	\$2,465,103	\$400,994	\$62,547,425
Remainder	\$3,250,708	\$1,370,661	\$1,008,952	\$2,627,929	\$124,519	\$50,739	\$8,433,508



Public Sector Programs



Percent of Public Sector Energy Savings Goal



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	6	14	1	5	99
Combined	65	18	0	0	0	0	83
TOTAL	341	154	15	24	2	8	544



New Construction Program

- ▶ 4 projects in Ameren territory
 - Atkinson and Newman Fire Protection Districts
 - 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
TOTAL	15	28/33



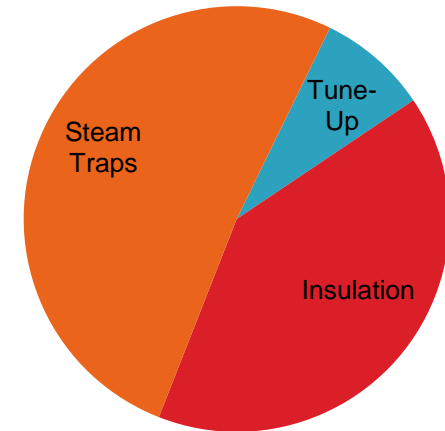
Public Sector Aggregation

- ▶ 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



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
	ComEd	Ameren	Total	Ameren	Nicor	Peoples	North Shore	Total	Grand Total
Carryover FY11:	\$1,998,458	\$176,083	\$2,174,541	\$0	\$0	\$0	\$0	\$0	\$2,174,541
Obligated FY12:	\$1,354,011	\$423,174	\$1,777,185	\$224,252	\$277,403	\$341,259	\$10,263	\$853,177	\$2,630,362
Total Obligated	\$3,352,470	\$599,257	\$3,951,726	\$224,252	\$277,403	\$341,259	\$10,263	\$853,177	\$4,804,903



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
LIHEAP Weatherization	Elec and gas
Community Development Assist. 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:
 - Ameren – 14 PHAs approved (8 gas/elec, 6 only elec), 5 PHAs in process, apps to add gas or addt'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

[Home](#)[General](#)[Benefits](#)[Incentives](#)[News & Events](#)[Search](#)[Resources](#)

Trade Ally Program Introduction DCSO / ERC Webinar Oct. 27, 2011

Agenda

- DCSO Trade Ally Program Introduction
- Illinois Energy Now Incentive Programs Overview
- Illinois Energy Now Program Application Process

Trade Ally Basic Training ERC Webinar Nov 27, 2011

Trade Ally Basic Training
Welcome!

What is a Trade Ally?

The DCSO Illinois Energy Now Trade Ally Program has been created for the benefit of both our Trade Ally partners and their clients, forging connections that can lead to increased energy savings through the DCSO incentives. Trade Allies are general contractors, lighting contractors, HVAC contractors, engineers, architects, energy service companies, and energy-saving product wholesalers, distributors and retailers who are trained on the program to deliver more energy efficient building solutions to their public sector clients. Since they are fully trained on the portfolio of energy efficiency programs, Trade Allies have a solid understanding of program rules and procedures.

Our Trade Allies play an important role in educating their clients about energy efficiency programs and rebates. Through ongoing program support and guidance from program staff and engineers, DCSO Trade Allies can help their clients navigate the incentive process, including completing DCSO incentive applications.

Unlike trade ally programs offered through public utilities, the DCSO Trade Ally Program is designed exclusively for industry professionals working with public sector clients. In addition, all the funding dollars go directly to the property owner rather than to the contractor.

What's New?

[Mechanical Insulation Lunch and Learn Register >>](#)

[Repeat performance: DCSO Illinois Energy Now Trade Ally Basic Training Webinar Register >>](#)

[Municipal Energy Efficient Lighting Options Lunch and Learn Register >>](#)

[<](#)[>](#)

A Cooperative Initiative Between:



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



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

Don't Miss Out!
Register Now!

McHENRY COUNTY COLLEGE	
Crystal Lake, IL	Jan 18, 2012
MORAIN VALLEY COMMUNITY COLLEGE	
Palos Hills, IL	Jan 23, 2012
JOHN A. LOGAN COLLEGE	
Carleville, IL	Jan 26, 2012
KASKASKIA COLLEGE	
Carrollton, IL	Feb 10, 2012
HARPER COLLEGE	
Palatine, IL	Feb 16, 2012
LEWIS & CLARK COMMUNITY COLLEGE	
Godfrey, IL	Feb 21, 2012
HEARTLAND COMMUNITY COLLEGE	
Normal, IL	Feb 27, 2012
KANKAKEE COMMUNITY COLLEGE	
Kankakee, IL	Mar 8, 2012
ROCK VALLEY COLLEGE	
Rockford, IL	Mar 13, 2012
JOHN WOOD COMMUNITY COLLEGE	
Quincy, IL	Mar 16, 2012
BLACK HAWK COLLEGE	
Moline, IL	Mar 22, 2012
ILLINOIS CENTRAL COLLEGE	
East Peoria, IL	Mar 27, 2012
SOUTHWESTERN ILLINOIS COLLEGE	
Belleville, IL	Mar 30, 2012
LINCOLN LAND COMMUNITY COLLEGE	
Springfield, IL	Apr 10, 2012
ILLINOIS EASTERN COMMUNITY COL	
Ottawa, IL	Apr 11, 2012
HARPER COLLEGE	
Palatine, IL	Apr 17, 2012
ILLINOIS VALLEY COMMUNITY COLLEGE	
Ogleton, IL	Apr 19, 2012
McHENRY COUNTY COLLEGE	
Crystal Lake, IL	May 8, 2012
DANVILLE COMMUNITY COLLEGE	
Danville, IL	May 10, 2012

[CLICK HERE TO REGISTER TODAY](#)

Sessions run from 8:00a to 4:30p



ARE YOU UP TO DATE ON THE NEWEST ENERGY CONSTRUCTION CODES FOR ILLINOIS?

The Illinois Energy Office has announced its schedule for a training series directed at the Illinois construction industry. Homebuilders, designers, code officials and home performance professionals will be able to learn about the newest energy conservation codes for new construction, additions and renovation projects in Illinois. * Sessions offered to Illinois Investor Owned Utility customers at no cost.

Seminars will provide the basis for the correct use of the 2012 IECC and Standard 90.1-2010 in the design, plan review, field-inspection, and analysis of construction in Illinois.

Topics Include:

- IECC 2012
- Blower Door Testing
- Duct Leakage Testing
- ASHRAE 90.1-2010
- IGCC 2012

Events approved for 6.0 AIA HSW/SD hours, 0.6 CEUs toward ICC certification renewal, and pending approval for 6.0 GBCI CE hours and 3.0 BPI CEUs.





- ▶ 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.

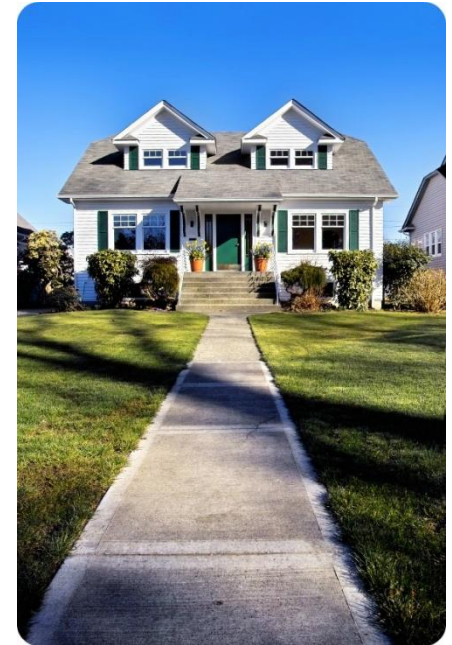
Location	Students Enrolled	Graduates
Chicago	26	26
Chicago	19	TBD
Chicago (Closed Enrollment at U of C)	18	TBD
Chicago, Level II	10	TBD
Springfield 1	27	TBD
Springfield 2	22	TBD
Normal	TBD	TBD
7 series Total	122	Goal: 136





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/





Illinois Home
Performance

Silver Certificate of Completion

Home address:

XXXX
XXXXXX

Work performed by:

Green Energy Improvement

Work verified by:

Energy Impact Illinois

Work completed on: 11/10/2011

Jonathan Feipel, Deputy Director
Illinois Energy Office

Home Energy Upgrade Improvements

- Air sealing performed in attic and basement reducing total air leakage rate by 26%
- 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 cinder block and caulked where block meets foundation

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

\$442 /year
estimated energy
bill reduction



HOME PERFORMANCE WITH
ENERGY STAR

Certificate issued 1/4/2012 by the Midwest Energy Efficiency Alliance on behalf of the Illinois Energy Office

www.IllinoisHomePerformance.org

#S-01



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

