

DCEO ILLINOIS ENERGY NOW

ILLINOIS ENERGY NOW: 2ND QUARTERLY REPORT

DCEO Energy & Recycling Office

SAG Meeting | December 9, 2014





PROGRAM PARTNERS











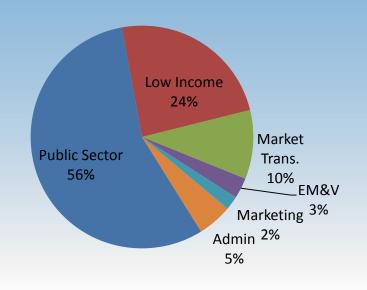
ILLINOIS ENERGY NOW GOALS & BUDGETS FOR 2014-2015

Energy savings goals:

- Electricity: 141.5 million kWh
- Natural gas: 5.2 million therms

Program budgets:

- Electricity: \$54.1 million
- Natural gas: \$22.0 million





ILLINOIS ENERGY NOW PUBLIC SECTOR PROGRAMS MID-YEAR UPDATE

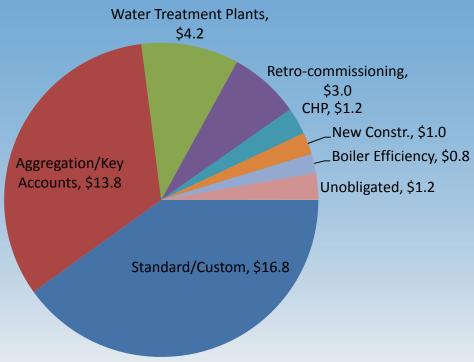
Standard, Custom, and New Construction Rebates:

- Funds continue to be available for Ameren Electric and Nicor customers.
- Funds are limited for Peoples and North Shore customers.
- Funds are exhausted for ComEd and Ameren Gas customers, but applications will be accepted for a waitlist.
- Clean Water Rebates are limited for all customers. Once funds are exhausted, applicants will be placed on a waitlist.
- Boiler Tune-Ups and Rebates continue to be available for Nicor, North Shore, and Peoples customers. Ameren Gas customers may submit applications for a waitlist.
- All Illinois Energy Now Services continue to be available. Public sector customers can apply for assessments, retro-commissioning, STEP, design assistance and more.



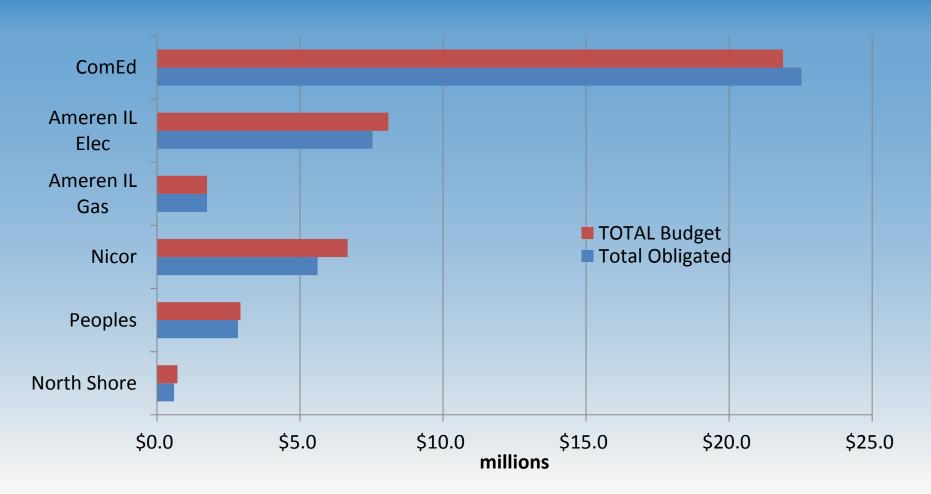
PUBLIC SECTOR PROGRAMS

Public Sector Obligations (\$ millions)





PUBLIC SECTOR PROGRAMS BY UTILITY TERRITORY



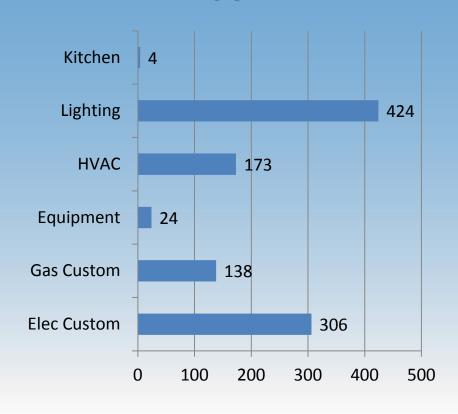


NUMBER OF PUBLIC SECTOR PROJECTS

BY GOVERNMENTAL TYPE

Federal, 1 State, 7 University 14 Comm. Coll., 26 K-12 School, 351

BY MEASURE TYPE





NEW CONSTRUCTION PROGRAM

- 22 buildings could potentially complete in PY 7
- 11 buildings are expected to be completed in PY8
- In discussions or pre-approval stage for an additional 24 potential projects to be completed in PY 8 or later program years



RETRO-COMMISSIONING

- \$3 million budget
- Projected savings 16 million kWh; 900,000 therms
- Planning/audit stage 14 projects
- Verification stage 35 projects
- Mini-RCx projects 3
- RCx dashboards 7 live, 2 installation underway



CLEAN WATER ENERGY EFFICIENCY INITIATIVE

- The program is designed to complement Federal and State Clean Water Initiatives by enticing water and waste water treatment facilities to invest in newer energy efficient technology when updating their current facilities
- Offers enhanced incentive for high efficiency aeration systems, including high efficiency blowers, aeration diffusers and controls
- 9 projects in progress
- Estimated energy savings of 9 million kWh



COMBINED HEAT AND POWER PROGRAM

- Request for Applications closed November 21
- Received 17 applications
- Projects include: Argonne, O'Hare and Midway airports,
 7 water treatment plants, 1 university, 1 community
 college, 4 public schools, and a correctional facility
- Currently conducting technical review of applications
- Budgeted \$12 million in incentives over three years \$9 million electric, \$3 million natural
- Incentives offered in three phases design, construction, and production



SAVINGS THROUGH EFFICIENT PRODUCTS

STEP offers free, easy-install products to new Illinois Energy Now customers

- Low-flow Faucet Aerators (unlimited)
- Low-flow Showerheads (unlimited)
- Kitchen Pre-rinse Green Nozzles (unlimited)
- CFLs (40 maximum)
- LED Exit Signs (50 maximum)
- Vending Machine Controls (10 maximum)
- Occupancy Sensors (60 maximum)
- Outdoor LEDs (30 maximum)

Process

- Engineer leads facility walkthrough
- Facility installs the free products and submits verification
- MEEA connect facilities to additional rebates, programs and educational opportunities.



	PY7
Facilities	76 completed 150 projected
kWh Saved	2,200,000 kWh projected
Therms Saved	130,000 projected





AGGREGATION / KEY ACCOUNTS PROJECTS

Applicant	Project Description
Metropolitan Mayors Caucus	Aggregation of municipal projects in Chicago area
UIC Energy Resources Center	Natural Gas Boiler Tune-Up Program
Midwest Energy Efficiency Alliance (MEEA)	Savings Through Efficient Products (STEP) program and data center pilot program
UIC Energy Resources Center	Illinois Department of Corrections Aggregation
Chicago Public Schools	Chicago Public Schools Key Account
Illinois Green Economy Network (IGEN)	Community College Aggregation (outdoor lighting)
University of Illinois at Chicago	UIC Key Account

Proposed: \$21.7 million Funded: \$14.6 million



LOW INCOME PROGRAMS

- Budgets based on share paid by households <150% of poverty, programs targeted up to 80% of Area Median Income (80 AMI)
- Four programs:
 - Energy Efficient Affordable Housing Construction new and gut rehab
 - Energy Efficient Residential Retrofit
 - Energy Savers Multi-family Program audits, retrofit, assistance in finding financing
 - Efficient Living Public Housing Authority Program

ENERGY EFFICIENT AFFORDABLE HOUSING CONSTRUCTION PROGRAM

- Available funds \$5 million
- PY 7 obligations \$4.4 million, with \$1.5 million in potential additional projects

Number of Housing Units

Housing Type	Continuing Projects	New Projects	TOTAL
New Multi-family	1,055	1,147	2,202
New Single Family	180	92	272
Gut Rehab Multi-family	322	697	1,019
Gut Rehab Single Family	5	1	6
TOTAL	1,562	1,937	3,499

Number of Projects

Housing Type	Continuing Projects	New Projects	TOTAL
New Multi-family	16	22	38
New Single Family	7	5	12
Gut Rehab Multi-family	4	6	10
Gut Rehab Single Family	1	1	2
TOTAL	28	34	62



RESIDENTIAL RETROFIT

- Available funds \$9.3 million
- 32 applications for \$13.1 million
- Funded projects:
 - Energy Savers Multi-family Program (Elevate Energy)
 - LIHEAP Home Weatherization Assistance
 - Chicago Bungalow Association
 - 6 others Hispanic Housing, City of Springfield, Black United Fund, Neumann Family Services, Residential Options, Affordable Housing



PUBLIC HOUSING AUTHORITY PROGRAM

- Public Housing Authority Efficient Living Program
 - Available funds \$4 million
 - Administered by UIUC Building Research Council
 - Working with 6 PHAs in Ameren IL territories
 - Working with 10 PHAs in ComEd, Nicor, North Shore, and Peoples
- Receiving MEEA Inspiring Energy Efficiency Award



BUILDING INDUSTRY TRAINING & EDUCATION (BITE) PROGRAM

- Available funds \$3.5 million
- 25 applications for \$9.5 million
- Approved 10 projects/programs, including:
 - Energy Efficiency Building Codes Training
 - Building Operator Certification
 - Illinois Home Performance
 - Lights for Learning
 - Trade Ally Program
 - Application Assistance Public Sector & Low Income
 - Community College Energy Management



CODES TRAINING













TRADE ALLY PROGRAM

Trade Ally Rallies

•	Northern	Illinois	Oakbrook	July 24
---	----------	----------	----------	---------

Southern Illinois
 O'Fallon
 August 5

Central Illinois Bloomington August 12

Trade Shows

 Northern Illinois Rosemont De 	Dec 4
---	-------

Central Illinois Springfield Dec 10

Clean Water Summit Oak Brook Dec 8





LIGHTS FOR LEARNING®

L4L is a free K-12 education and fundraising program for Illinois youth. Organizations can:

- Host a free energy efficiency educational presentation
- Host a free, high-yield efficient lighting fundraiser
- Maximize the learning and earning by hosting both

Fundraisers promote CFLs, LEDs & energy efficient products

- Students become EE educators
- Free presentations focus on:
 - Basic energy literacy
 - Energy-saving products
 - Home energy conservation





	PY7
Youth Educated	20,000 (goal)
Items Sold	TBD
kWh Saved	TBD



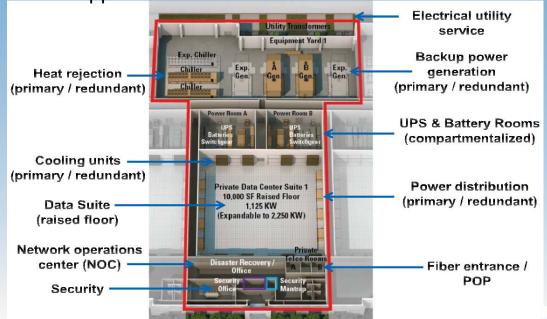


DATA CENTER PROGRAM

PY7: Data Center Assessments in ComEd Territory

- Identify strong candidates
- Perform engineer assessment
- Assist with measure prioritization
- Assist with incentive applications

	PY7
Facilities	TBD
kWh Saved	TBD
Therms Saved	TBD









ILLINOIS HOME PERFORMANCE WITH ENERGY STAR®

PY7 (2014-15)

Awarded 403 Silver Certificates and 13 Gold Certificates

Over 60 IHP Participating Contractors completing projects

One Participating Contractor won U.S. DOE Housing Innovation Award

8 Active Program Providers:

 Ameren Illinois ActOnEnergy, Ameren Illinois Warm Neighbors Cool Friends, ComEd Smart Ideas, Corn Belt Energy, Delta Weatherization Energy Efficiency Program, Energy Impact Illinois, Historic Chicago Bungalow Association, Nicor Gas energySMART

Building Science Training Series fully planned, expecting at least 150 students this year

Awarded 30 BPI certification rebates

Maintaining active Building Science Hotline (866-395-1032)

Recognized with 2014 Illinois Governor's Sustainability Award











Illinois Energy Now | 1-800-214-7954 www.lLenergynow.org