



DCEO **ILLINOIS ENERGY NOW**

ILLINOIS ENERGY NOW: PY7 Q3 REPORT, PY8 UPDATE, NATURAL GAS SELF-DIRECT REPORT

DCEO Office of Energy & Recycling

Stakeholder Advisory Group Meeting| May 11, 2015



OVERVIEW

- PY7 Third Quarter Report
 - Public Sector
 - Low Income
 - Market Transformation
- PY8 Update
- Natural Gas Self-Direct PY1-2 Report



ILLINOIS ENERGY NOW GOALS & BUDGETS FOR 2014-2015

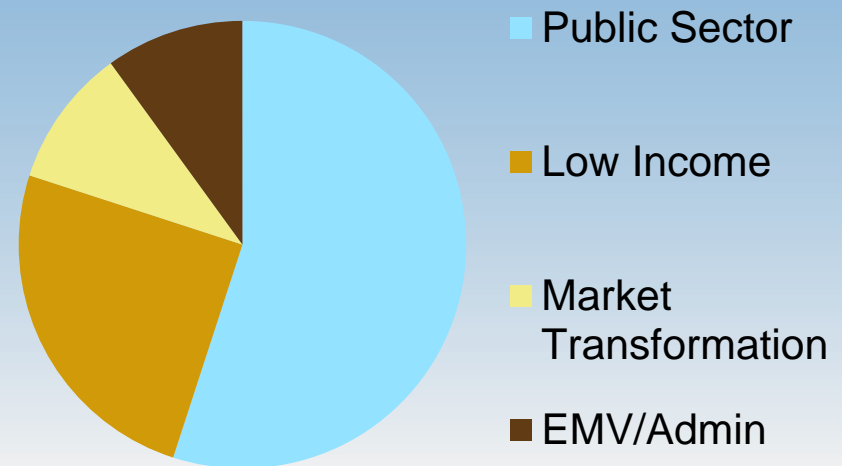
Energy savings goals:

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

Program budgets:

- ⦿ Electricity: \$54.1 M
- ⦿ Natural gas: \$22.0 M

PY7 Budget



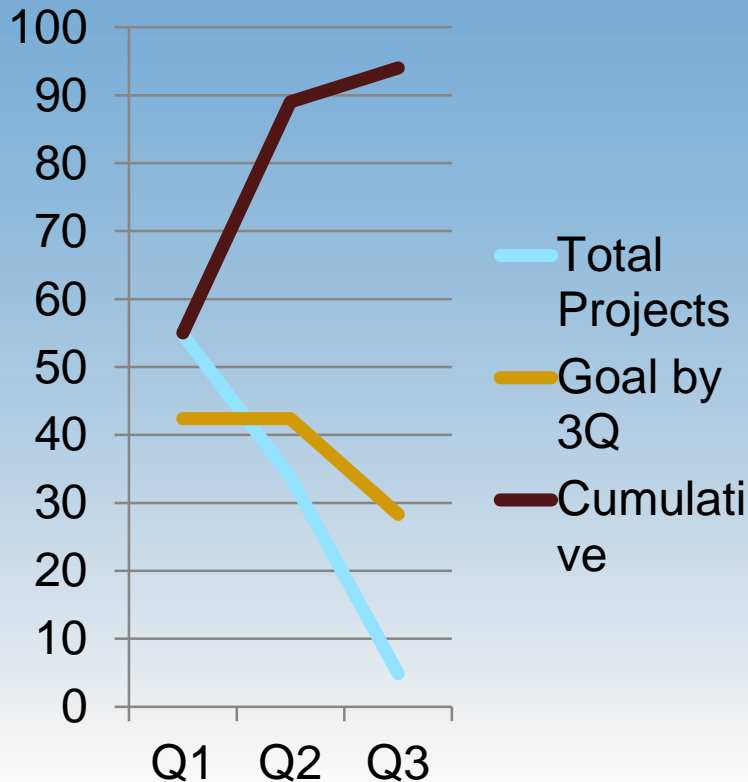
PUBLIC SECTOR UPDATE

- At the beginning of December, a waitlist was started for ComEd and Ameren Gas projects due to over demand.
- In January funds were frozen, and a hold was placed on processing grants and rebates that were not yet obligated.
- Executed grants, and rebates with a notice to proceed or rebate letter were allowed to move forward in March, but have not been able to process new rebate applications
- Have ~\$3.9M in contracts, grants and rebates pending; attempting to get approval for a portion of this, including: \$650k CHP, \$449k Clean Water, \$764k New Construction, \$506k Public Sector rebates

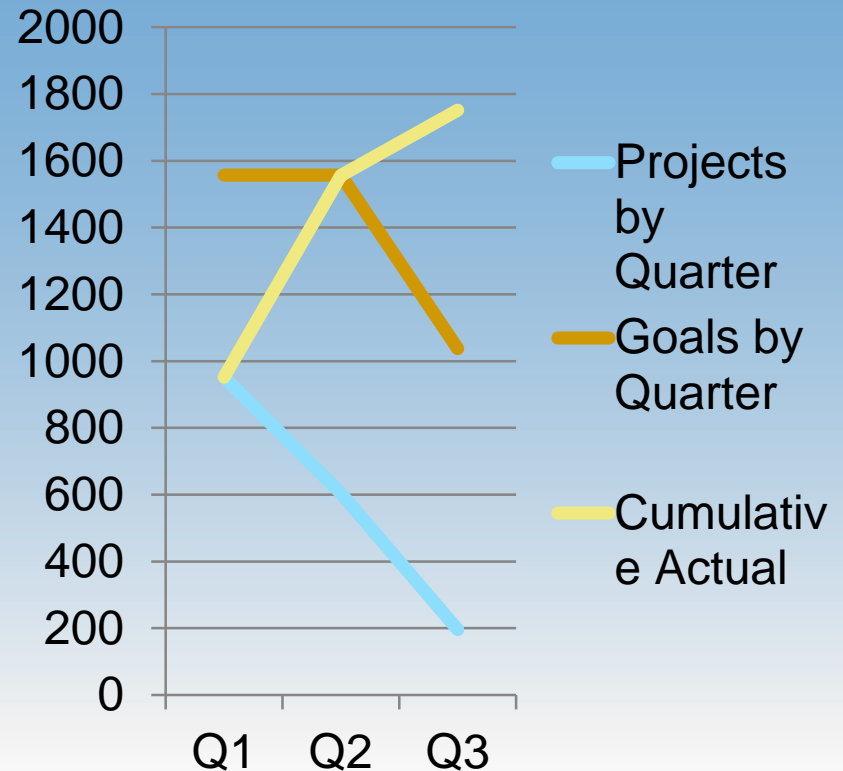


PUBLIC SECTOR – SAVINGS AS OF Q3

Electric kWh (millions)

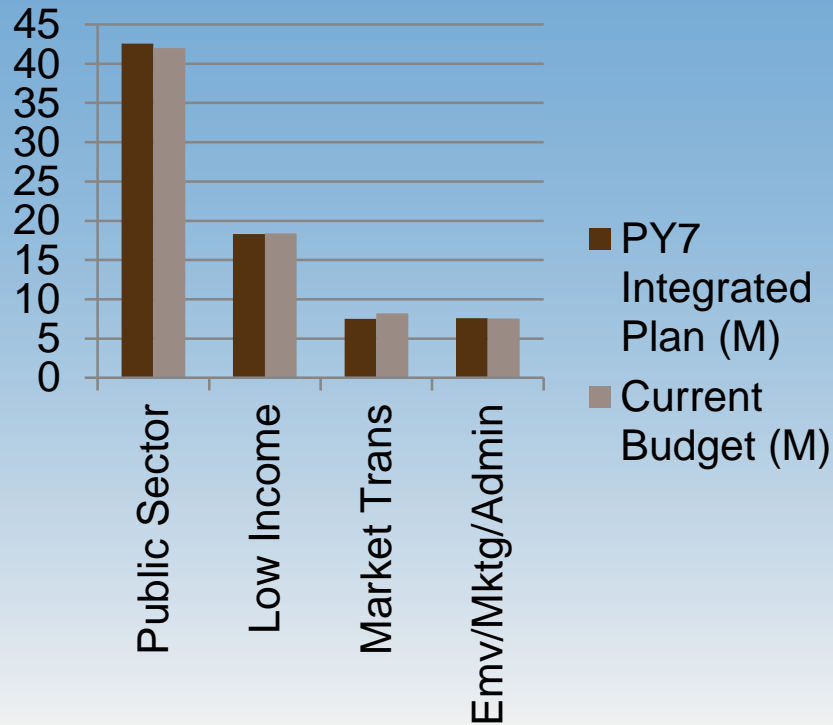


Natural Gas Therms (1000s)

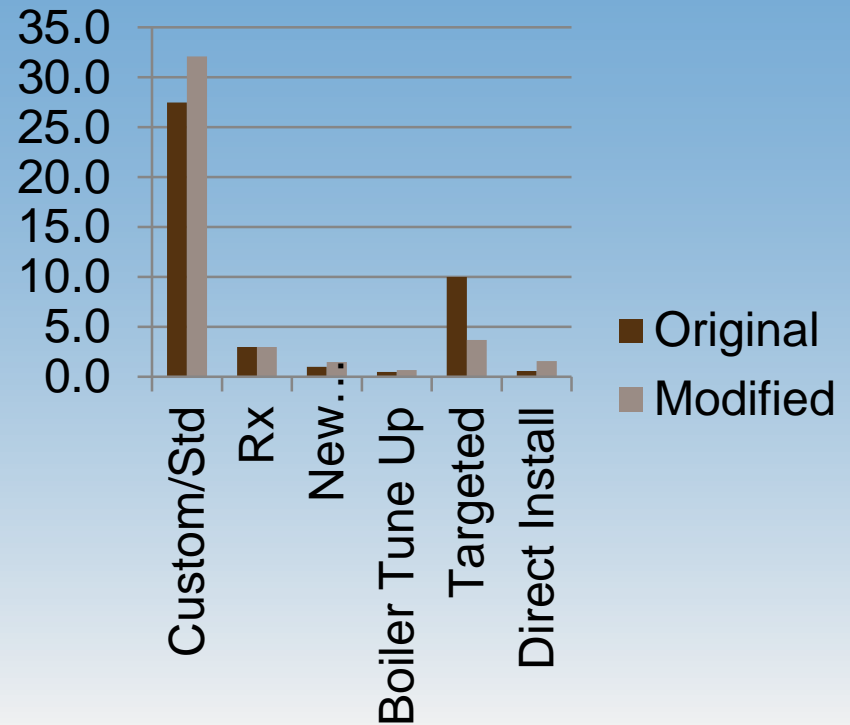


PUBLIC SECTOR BUDGET CHANGES

EEPS BUDGET

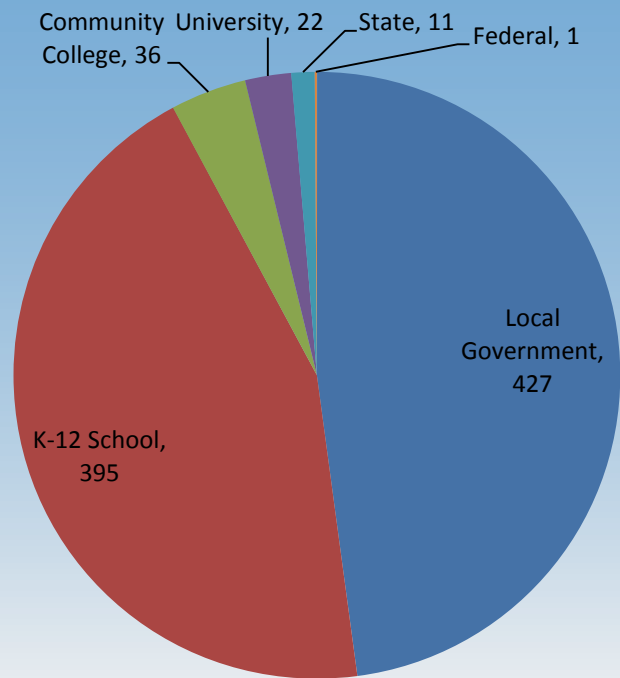


PS MODIFIED BUDGET

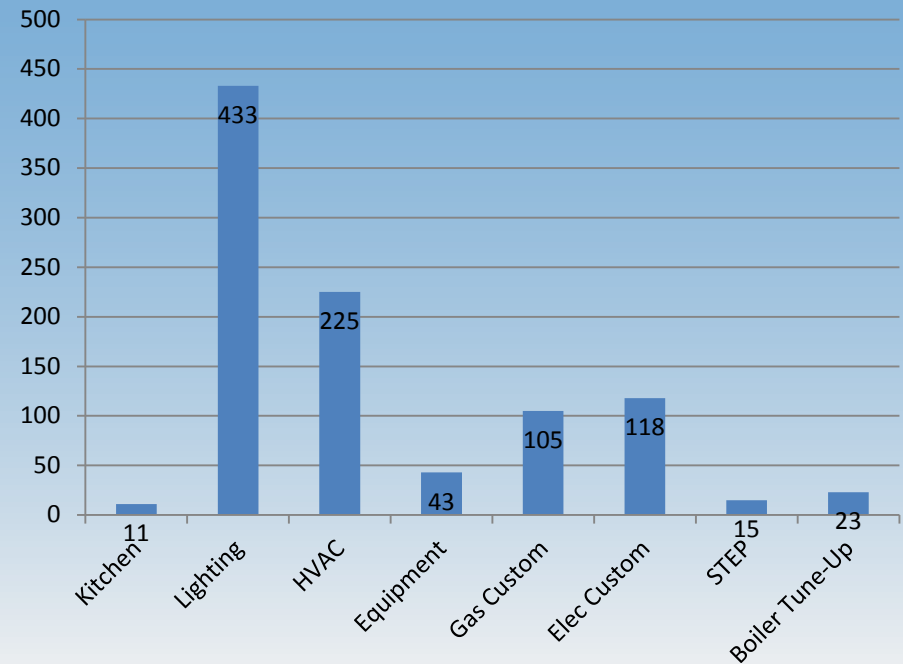


PUBLIC SECTOR PROJECTS OVERVIEW

BY GOVERNMENTAL TYPE



BY MEASURE TYPE



NEW CONSTRUCTION PROGRAM

- 22 buildings were reviewed by SEDAC for funding in PY7
- 11 buildings are expected to be completed in PY7, with the remainder in PY8/PY9
- This program was affected heavily by the freeze do to the delay in completing – \$764k in incentives are still pending funding approval



OTHER PUBLIC SUBPROGRAM UPDATES

- Aggregation/Key Accounts: interest for PY8 from City of Chicago, Cook County, Airport Authority
- STEP: 76 of 150 facilities completed, projected savings – 2.2 MkWh, 130K therms
- Clean Water EE Initiative: 12 projects in progress or complete, projected savings of 8.7 MkWh



COMBINED HEAT AND POWER (CHP) PILOT PROGRAM

- 7 projects recommended for funding (\$6.4M) from 17 applications; \$14M requested; three year grants.
- Annual savings 100,079,600 kWh electric, 1,892,399 Therms; representing 36.7% of PS electric savings goal for PY7-PY9, and 26.5% of natural gas savings.
- PY8/FY16 budget issues forced a one year funding plan.

Accepted 1 st Year Funding Only	Rejected 1 st Year Funding Only	2 nd Year Funding Pending Approval
Chicago O'Hare Danville WWT Downers Grove WWT Glenbard WWT Total \$286k	College of DuPage West Niles High School Total \$125k	Argonne National Lab Total \$650k



LOW INCOME UPDATE: PUBLIC HOUSING AUTHORITY PROGRAM

- \$4 million original budget; additional \$206k awarded for boiler.
- Projected Savings:

PY7 Projected	Total	Ameren Electric	Ameren Gas	ComEd Electric	NICOR Gas	Peoples Gas	No Shore Gas
PHAs	19	10	5	10	4	1	1
Sites	79	22	7	42	5	12	2
Units	7,083	913	309	3,845	401	2,179	149
ECRMs	8,918	2,967	314	5,211	39	238	149
kWh Savings	2,444,657						
Therm Savings	107,770						



LOW INCOME UPDATE: EE AFFORDABLE HOUSING CONSTRUCTION PROGRAM

- \$4.8 million program; PY7 \$3 million in-progress, with \$1.5 million in potential additional projects; PY6 carryover \$1.1 million

Savings Estimate

Housing Type	Units	Annual Savings	kWh Savings	Therm Savings	Total MMbtu
New Multi-family	1,002	\$458,755	2,744,478	110,220	40,285
New Single Family	93	\$74,291	281,883	25,668	5,572
Gut Rehab Multi-family	396	\$180,011	1,016,136	42,768	15,111
TOTAL	1,491	\$713,057	4,042,497	178,656	60,969



MARKET TRANSFORMATION UPDATES

Smart Design Assistance Center

Building Industry Training and Education (BITE)

Illinois Home Performance with ENERGY STAR

Building Operator Certification (BOC)

Energy Efficiency Building Codes Training

Lights For Learning

Data Center

These programs were not affected by the freeze.



MARKET TRANSFORMATION UPDATES: SMART DESIGN ASSISTANCE CENTER

- Energy assessments completed: 151; 14.2 m sf
- Energy assessments in progress: 131; 29 m sf
- Potential savings identified: 38.7 million kWh, 1.3 million therms; \$4.1 million
- Trainings & presentations: 8 workshops, 30 presentations/trainings, 19 conferences/outreach, 12 marketing materials produced (newsletters, market fact sheets)





ILLINOIS HOME PERFORMANCE WITH ENERGY STAR®

PY7 (2014-15)

Awarded Silver and Gold Certificates to 1,450 homes

Over 60 IHP Participating Contractors completing projects

One 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 117 of 150 trained; 78%

Awarded 30 BPI certification rebates

2014 Illinois Governor's Sustainability Award

Building Science Hotline (866-395-1032)



ENERGY EFFICIENCY BUILDING CODES & BOC TRAININGS

- Codes
 - Workers Trained: 558 / 1,000 (55.8% of target)
 - Tech Support: 253 inquiries
 - Chicago Support: 47 hours
 - IL Energy Conservation Advisory Council: 55 hours
- BOC: 122 trained to date



PY8 UPDATE

- Budget situation is still pending appropriation determinations from the General Assembly
- DCEO is planning for a few scenarios and interim period
- If we receive full funding:
 - Follow budget and programs outlined in 3 year plan, with a few minor adjustments possible
 - Program guidelines will be ready to go as soon as we receive green light, but we will be a little behind



PY8 UPDATE CONTINUED

- Public Sector
 - Incentive level adjustments, bonus coupons/sweet deals
 - Carefully look at Key Accounts/Aggregation budgets
 - Try to work with selected CHP awardees who turned down 1 year award
- Low Income
 - Awards out earlier, incentive level adjustments
- Market Transformation – Possibly adjust budgets, Self-Direct
- Operations – Website, data collection, accounting, target marketing for certain utility territories

