



Illinois Energy Office Year 3 EEP Plan

**SAG Meeting
May 25, 2010**

Pat Quinn, Governor

Warren Ribley, Director

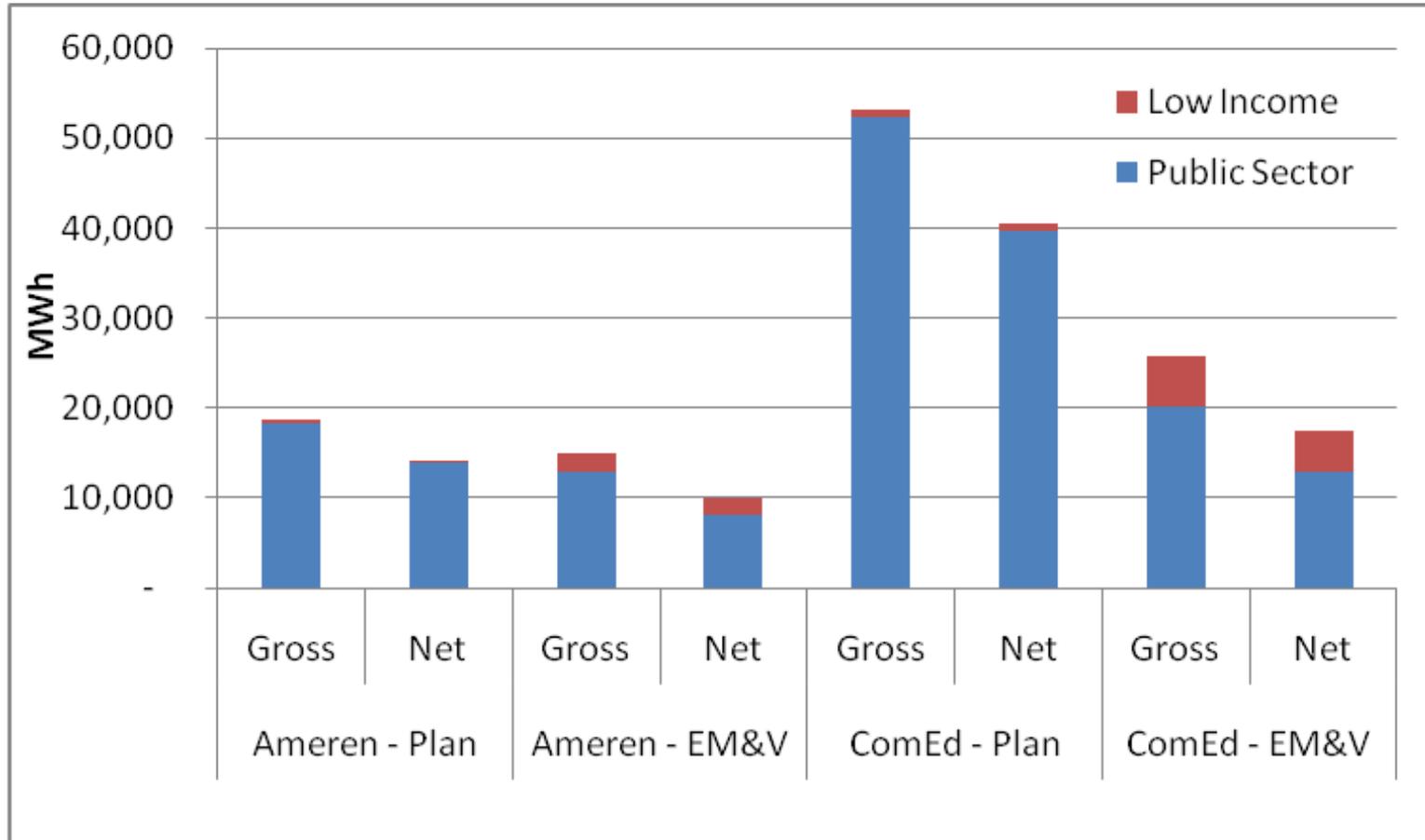
DCEO First EEP Year Goals

Category	Goal	Measure	% of Goal
Energy Savings Goal	18.6% Ameren 21.4% ComEd	14,159 MWh Ameren 40,412 MWh ComEd	50%
Portfolio Budget	25% of Portfolio	\$12.9 million	70%
Municipal Goal (Local govt., schools, & community colleges)	10% of Portfolio	\$5.16 million	59%
Low Income Target	6% of Portfolio	\$3.1 million	106%

From Sec. 8-103 (e) of the Public Utilities Act:

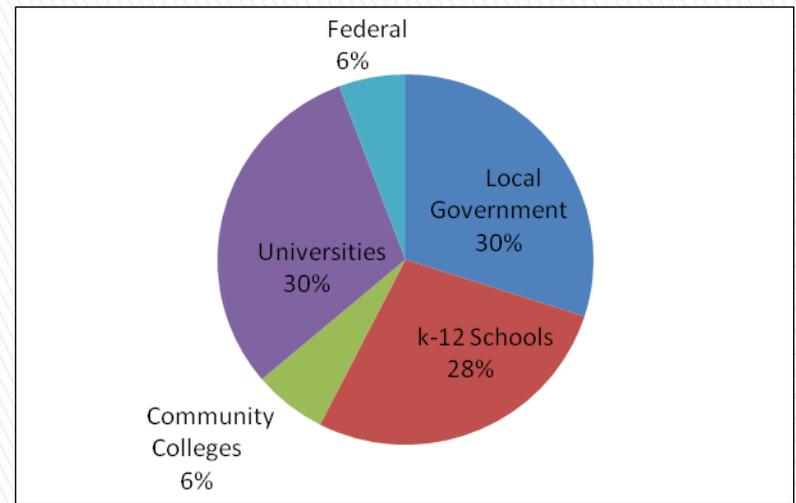
- ▶ “If the Department is unable to meet incremental annual performance goals for the portion of the portfolio implemented by the Department, then the utility and the Department shall jointly submit a modified filing to the Commission explaining the performance shortfall and recommending an appropriate course going forward, including any program modifications that may be appropriate in light of the evaluations conducted under item (7) of subsection (f) of this Section.
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First Program Year - Plan versus Evaluated Savings



Public Sector Program Participation

Category	Applications
Local Governments	71
k-12 Schools	61
Community Colleges	10
Universities	9
State	0
Federal	21

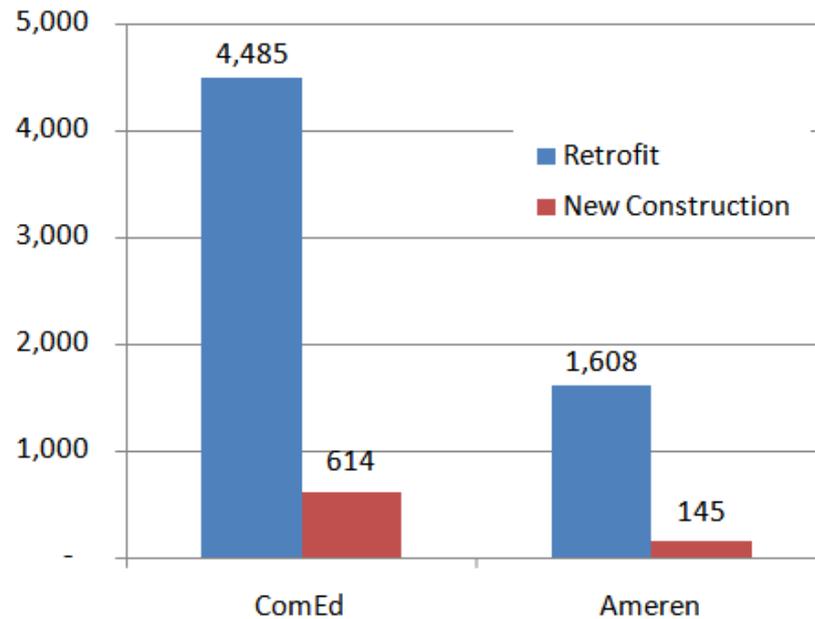


Number of Applications

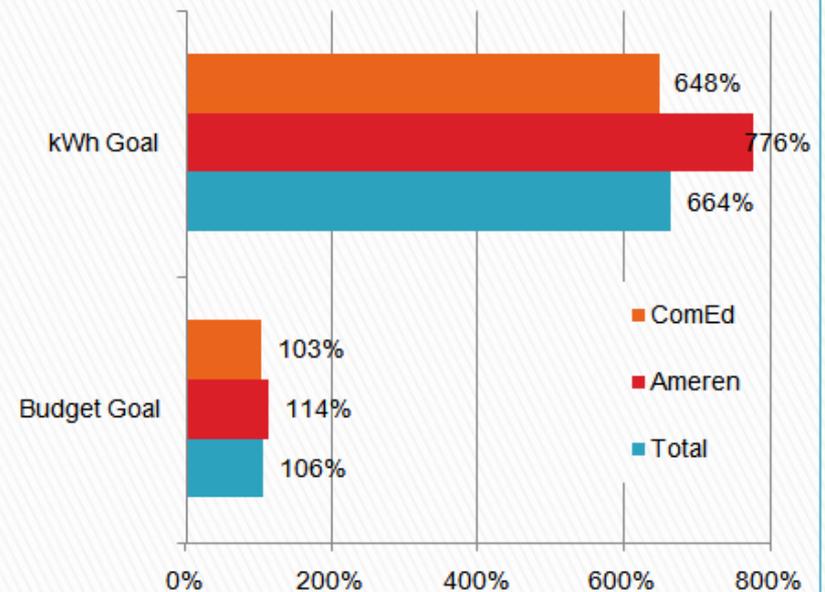
Percent of Funds

Low Income Programs

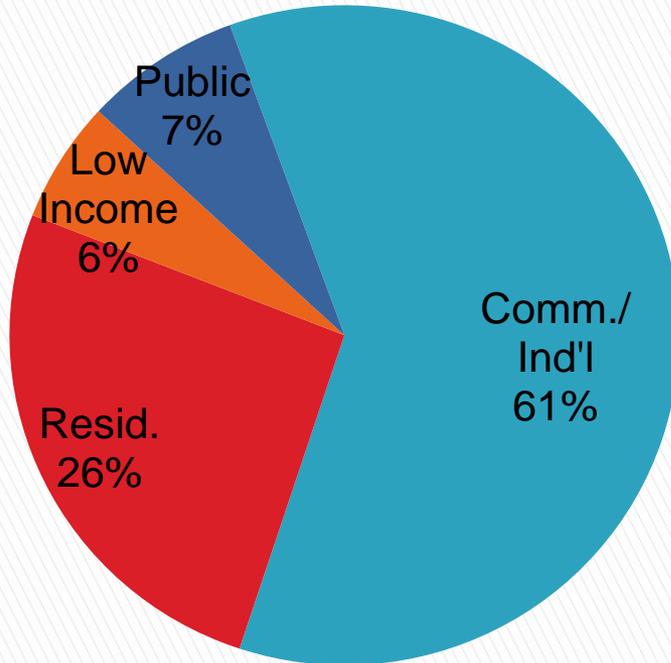
Low Income Housing Units



Achievement of Low Income Goals



DCEO Programs – Market Share



Category	Percent
Local Govt.	3.8%
k-12 Schools	2.0%
Community Colleges	0.1%
Public Universities	0.7%
State Buildings	0.4%
Street Lighting	0.6%

Electricity Sales by Sector

Public Sector

Comparison of Net-to-Gross and Realization Rates

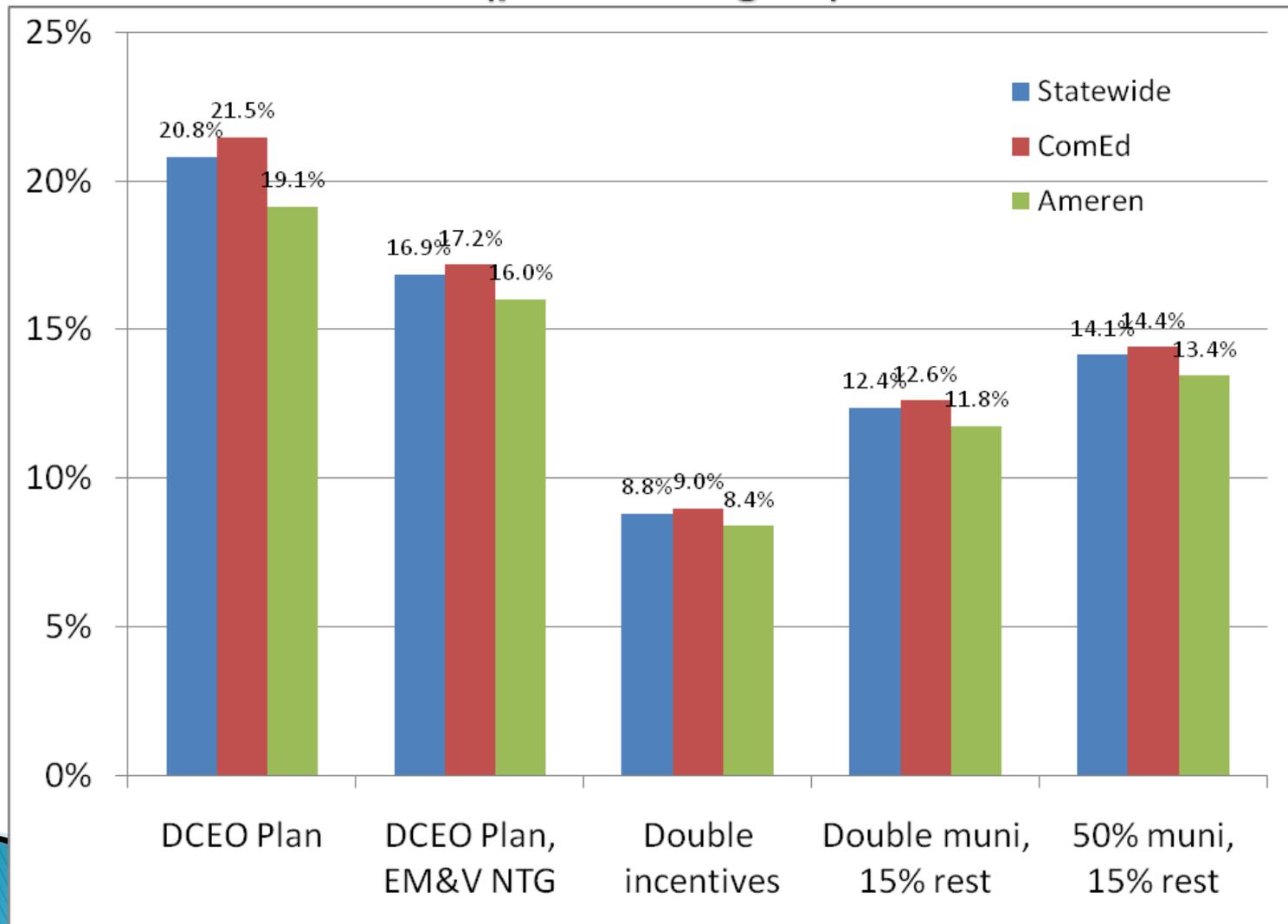
	Plan Assumptions		EM&V Results*	
	NTG	Real. Rate	NTG	Real. Rate
Public Sector				
Standard	0.80	0.95	0.63/0.62	1.39/1.12
Custom	0.80	0.95	0.72	0.78
Lights for Learning	0.80	0.95	0.80	0.80/0.78
Low Income				
New Construction/Gut Rehab	0.80	0.95	1.00	0.95
Residential Retrofit	0.80	0.95	1.00	0.80

*First number Ameren/second number ComEd

Response to Green Spring Promotion

Utility	Applications		Incentives	
	Pre- Green Spring	Green Spring	Pre- Green Spring	Green Spring
ComEd	106	141	\$ 3,603,288	\$ 4,313,554
Ameren Illinois	78	74	\$ 2,212,584	\$ 1,877,133
Total	184	215	\$ 5,815,872	\$ 6,190,687

Comparison of Scenarios for Revised DCEO EEPS Plan (percent of goal)



Revised DCEO Plan

- 1) Public Sector Energy Efficiency Incentives and Goals
 - Increase incentives for local government, k-12 schools, and community colleges by 50%.
 - Increase incentives for university, state and federal projects by 15%.
 - Adjust DCEO's energy savings goals in the third program year to 13% (32,454 MWh) of the goal for the Ameren Illinois territory and to 14% (87,771 MWh) of the goal for the ComEd territory.
- 2) Program targeting
 - Offer special promotions that target energy efficiency sectors or measures of particular potential. Examples may include water treatment plants, exterior lighting, or gym lighting.

Revised DCEO Plan

3) DCEO Market Sectors

- Clarify the Public Sector Energy Efficiency eligibility rules to include museums, zoos, gardens, etc. located on public lands (or otherwise serving a public function) under the 10% municipal carve-out.
- Revise the scope of the Lights for Learning program from public k-12 schools to include private k-12 schools as well.

4) Program Changes

- Develop a program targeted to Public Housing Authorities.
- Expand Retro-commissioning program.
- Add more prescriptive measures to Standard Program and R-5 windows to Low Income Program new construction standards.

5) Implementation Assistance

- Issue RFP for entities to provide "enhanced implementation assistance" for public applicants through Building Industry Training and Education (BITE) RFP, with performance-based payments.

Revised DCEO Plan

6) Enhanced Marketing and Outreach

- Effectively use social networking (Twitter and Facebook) and State Energy Office website to make program announcements and share success stories and the State of Illinois press office to write and distribute press releases to increase awareness of EEP program.
- Create and develop a brand for the Illinois Energy Office along the lines of ActOnEnergy or SmartIdeas.
- Use DCEO Regional offices/staff more effectively to promote programs within their assigned region.
- Communicate on a regular basis (at least quarterly) with utility External Affairs and Account Managers.
- Develop stronger Trade Ally relationships by communicating regularly through e-newsletters and webinars.
- Participate in Trade Shows as budget allows.
- Increase outreach staff in order to participate in more Community outreach events.

Revised DCEO Plan

7) Leveraging of ARRA and other funds

- Use partnership with ILARC and the regional planning agencies to leverage EECBG for non-entitlement communities with EEP funds.
- Reach out to EECBG entitlement communities with assistance of DOE and MEEA encourage them to use ARRA funds to “supplement rather than supplant” EEP funds.
- Work more closely with Clean Energy Community Foundation to ensure that the programs are complementary rather than continue to offer competing or duplicative programs.

8) Innovative Financing Mechanisms

- Integrate Energy Performance Contracting (EPC) technical assistance program into EEP Public Sector and Public Housing Authority programs.
- Coordinate and collaborate with Treasurer’s Office and Illinois Finance Authority to promote use of Green Energy below-market rate loans and state “moral obligation” loan guarantees.
- Explore potential for PACE and on-bill financing to assist DCEO program constituents.

Revised DCEO Plan

9) Quantify and claim credit for market transformation programs (for second Three-Year Plan):

- Explore opportunities for measuring the spillover energy efficiency benefits of the Smart Energy Design Assistance Program, based on the quarterly surveys of past recipients of design assistance, to be implemented in second Three-Year Plan.
- Test methods to measure energy savings attributable to Codes training programs that increase compliance rates for state Energy Conservation Building Codes or that assist local governments in adopting Green Codes.

10) Staffing and Data Management

- Expand State Energy Office staff dedicated to EEP.
- Develop more functional database to support project tracking, monitoring, accounting, and evaluation.