



# Energy Efficiency Portfolio Status - Assessment - Action Plan

**Stakeholder Advisory Group**  
February 23, 2010

Illinois Department of Commerce & Economic Opportunity  
Jonathan Feipel, Deputy Director

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Pat Quinn, Governor

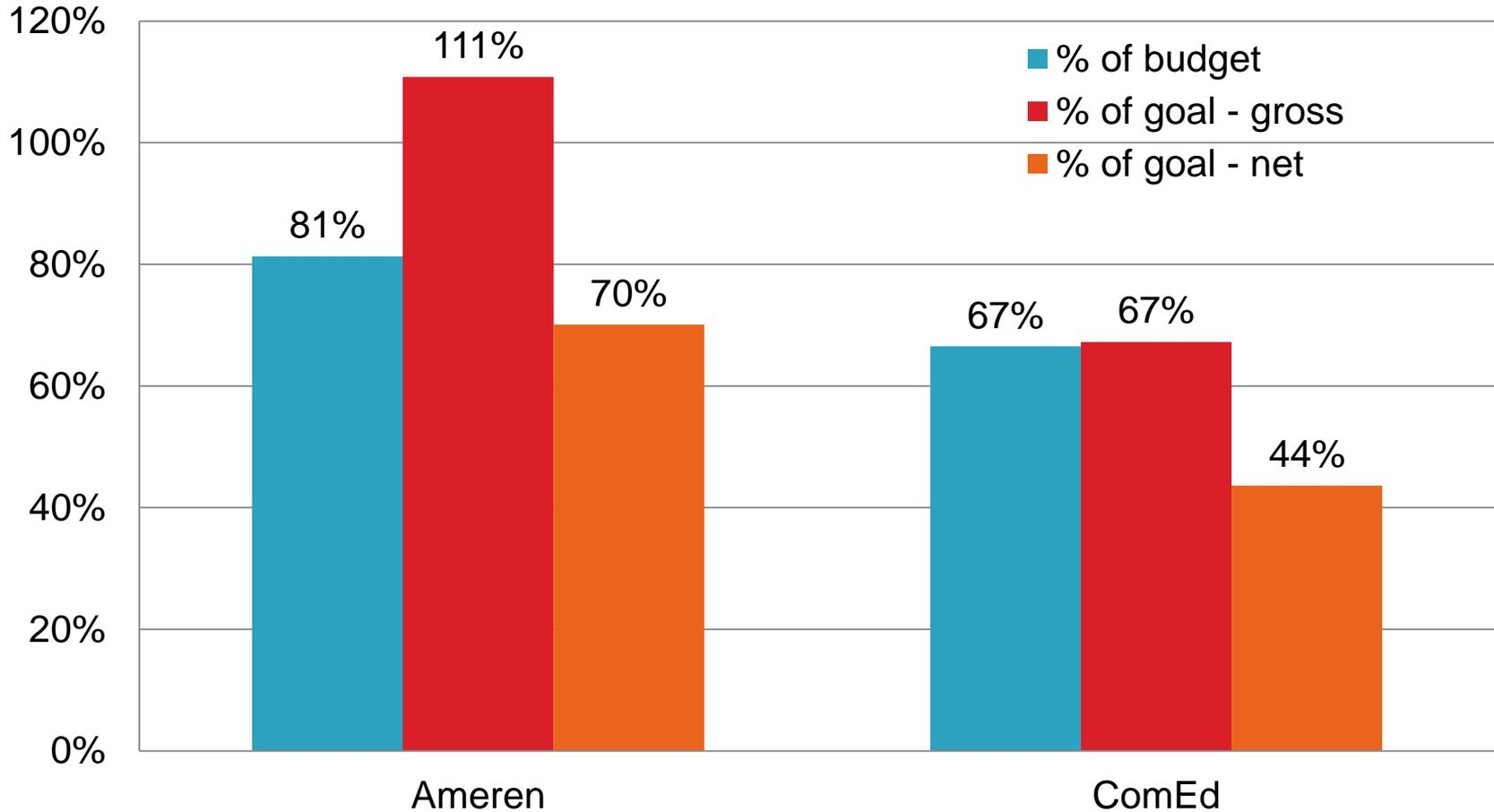


# Successes and Challenges

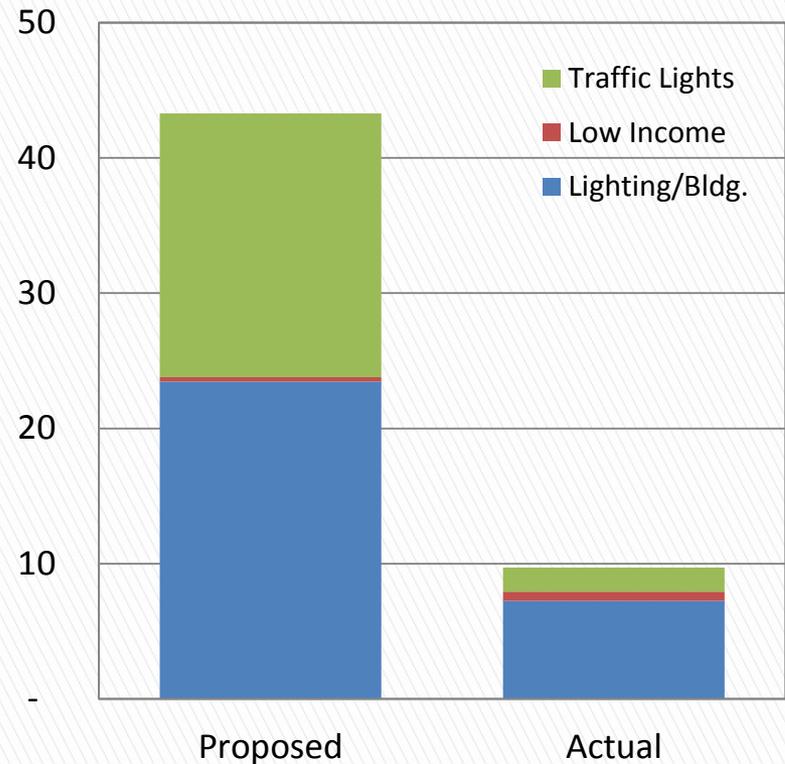
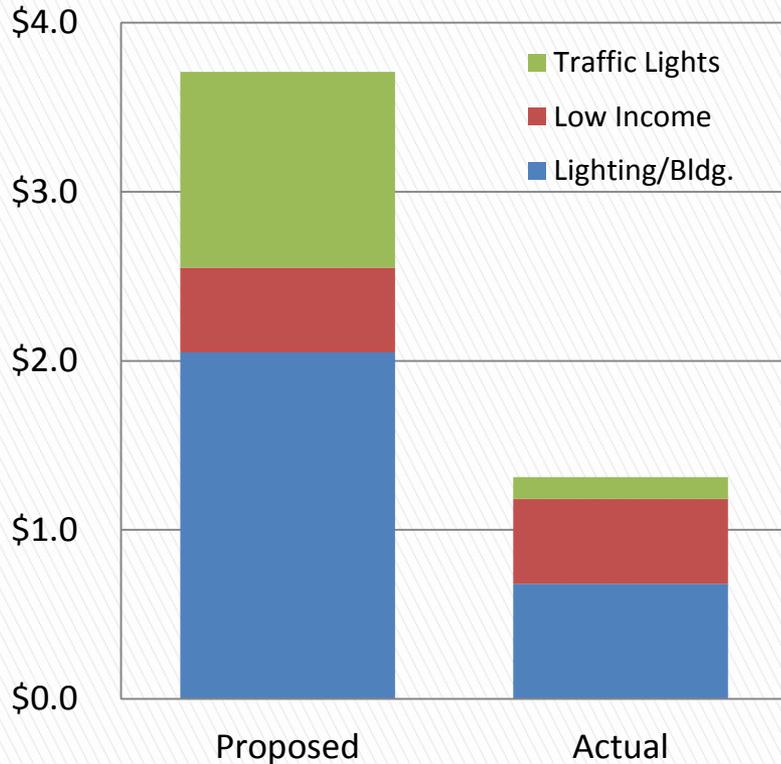
# DCEO Year 1

Goal	Category	% of Goal
<b>14,159 MWh Ameren +40,412 MWh ComEd</b>	DCEO MWh goals in plan	79% gross 50% net
<b>\$12.9 million budget</b>	Portfolio Budget	70%
<b>10% of total portfolio</b>	Local govt., schools, & community colleges	48%
<b>6% of total portfolio</b>	Low Income Households < 150% poverty level	106%

# Year 1 Results



# Year 1 City of Chicago Proposed vs. Actual



**EEPS Spending**  
(millions)

**Energy Savings**  
(million kWh)

# Year 1 Outreach and Marketing

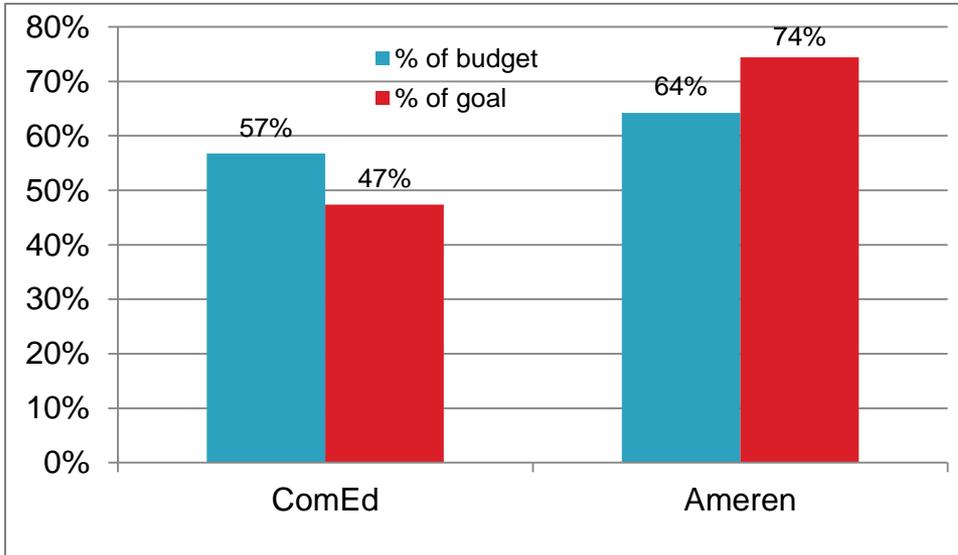
- ▶ Aggressive outreach campaign to reach as many schools, local municipalities and other public sector groups as possible through one dedicated staff person and ongoing support from SEDAC, ComEd and Ameren Illinois
- ▶ Marketed program in several monthly magazines or newsletters, including the *Illinois Municipal Review*, *Township Perspective* & *Illinois Association of Parks & Recreation Magazine*; *ComEd Energy Essentials*, *SEDAC-E Newsletter*
- ▶ Exhibited at several Statewide events including Illinois Municipal League Annual Conference, Illinois Association of School Boards, Illinois Association of Park Districts
- ▶ Created and distributed approximately 10,000 EEPs brochures
- ▶ During Program Year 1
  - 77 events across the state
  - 6779 individuals attended workshops
  - 3800 visited exhibits

# Year 2 as of January 2010

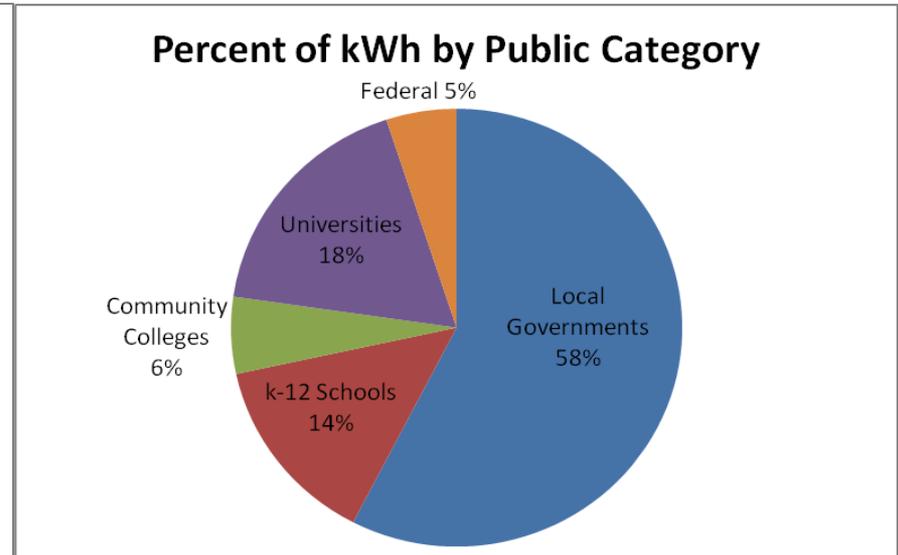
Goal	Category	% of Goal
29,062 MWh Ameren/ 81,653 MWh ComEd	DCEO MWh goals in plan	55%
10% of total portfolio	Local govt., schools, & community colleges	47%
6% of total portfolio	Low Income Households < 150% poverty level	90%
\$26.4 million budget	Portfolio Budget	59%

# Year 2 Numbers

## Budget and Goals



## Projects





# Assessment

# Year 1 and 2 Challenges

- ▶ Economic Situation of Public Sector
  - State and Local Government budget problems
  - Financial crisis
- ▶ Portfolio Structure and Design Flaws
  - Public Sector incentive levels are too low
  - Size of Public Sector
- ▶ Advent of Stimulus/Capital Bill
  - “Wait for stimulus”
  - “Project is already 100% paid for”
- ▶ Year 1 Hitches
  - City of Chicago grants
  - Trade Ally confusion after early ComEd success
- ▶ Market and Classification Difficulties
  - Public Franchise Agreements
  - Downstate Public Street Lighting
  - Borderline Project Sectors: museums, etc.
- ▶ Annual Project Timeline Problematic

# 4.2.2 Standard & Custom reports

## Process Recommendations

### ▶ Incentives

- Standard: Consider increasing the Per kWh incentive rate, subject to consideration of impacts on cost effectiveness and further research into non-participant barriers to participation.
- Custom: if program becomes fully subscribed then limit incentive exceptions.

### ▶ Implementation

- If possible, add more staff to the program to allow for additional activities to be conducted.

### ▶ Customer Satisfaction

- Participants provide the highest ratings for staff communications, DCEO overall, and the Program. Participants were less satisfied with their electric utility than other program components. Participants recommended higher incentives and better program information.

### ▶ Database

- Needs more functionality to handle multiple measure projects and multiple projects under 1 entity.

# Energy Efficiency Portfolio Structure

Year	Funding Level*	DCEO Share (25%)
2008	\$53 million	\$13 million
2009	\$110 million	\$27 million
2010	\$170 million	\$42 million
2011 +	\$235 million	\$57 million

\*Total Statewide for ComEd, Ameren and DCEO

# DCEO Specific Portfolio

## ▶ **Public Sector 65% (40%)**

- Local Governments
- K-12 Schools
- Community Colleges
- Universities
- State & Federal Facilities

## ▶ **Low Income 25%**

- New Construction/Gut Rehab
- Remodeling/Weatherization

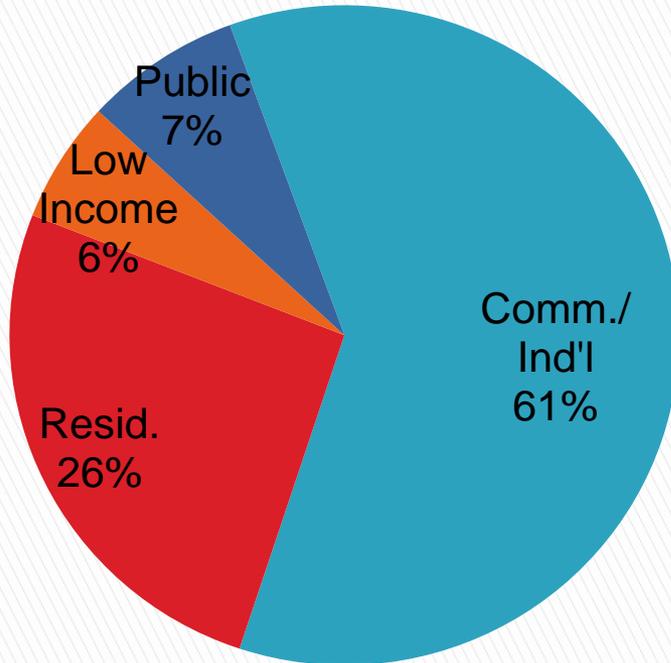
## ▶ **Technical Assistance 5%**

- Commercial Bldg Assessments
- Design Assistance
- Large Customer Management Practices Assessments

## ▶ **Education & Training 5%**

- Building Codes
- Building Operators/Owners
- Design/Construction and HVAC Replacement Industry

# Illinois Electricity Sectors



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



# Action Plan

# DCEO Action Plan

## ✓ Resolutions

- ▶ Coordinate with SAG on Portfolio Changes
- ▶ Immediately Address this Year
- ▶ Prepare a Report to the ICC
  - “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” (220 ILCS 5/8-102(e))
- ▶ Implement Portfolio Changes as soon as Possible
  - Remaining Portfolio Year
  - Full field test in Year 3
- ▶ Prepare Amended Portfolio
  - Incorporate into the next Three Year Plan

# DCEO Action Plan

## ✓ M&V Response

- ▶ Staffing
  - Doubled DCEO EEPS Staff
- ▶ Database
  - In development - negotiating with contractor
- ▶ Information
  - Expanded outreach and marketing plan
    - Partnership with ILARC, ICCSN, Legislators
    - Leverage DCEO PR Firm, Social Media, Regional Staff
    - Couple with ARRA programs (EECBG, job training, etc.)
- ▶ Program Design Analysis:
  - UIC Energy Resources Center
  - ACEEE

# DCEO Action Plan

## ✓ Portfolio Proposals

- ▶ Increase Incentive Levels
- ▶ Broaden Market Sectors
  - Borderline – museums, etc.
  - Similar sectors - private schools , etc.
  - Large Industrial - companion to Natural Gas self directing
- ▶ Reduce DCEO kWh goal from 20%
- ▶ Cut Back Market Transformation
  - Building Industry Training and Education
  - Large Customer Management Practice (LEAP)
- ▶ Increase Flexibility on Annual Project Timeline