### Who is ComEd?

- Investor-Owned Utility (IOU)
  - Electric Distribution Company Only
- Covers Northern Illinois
  - 11,400 sq. miles
  - Includes Chicago
- 3.8 million customers
  - 3.4 million residential customers (31% of load)
  - 360,000 small C&I customers (35% of load)
  - 1,900 large C&I (25% of load)







## **Energy Efficiency Organization**

# Energy Efficiency Services – 2 Areas

- Energy Efficiency Program Implementation
  - Residential Program Implementation
  - C&I Program Implementation
  - QA / QC Activities
- Energy Efficiency Planning & Measurement
  - EE Planning (Triennial Plan, Annual Incremental EE)
  - M&V / Reporting
  - Financial / Accounting
  - Docket Support





## **Other Portfolio Components**

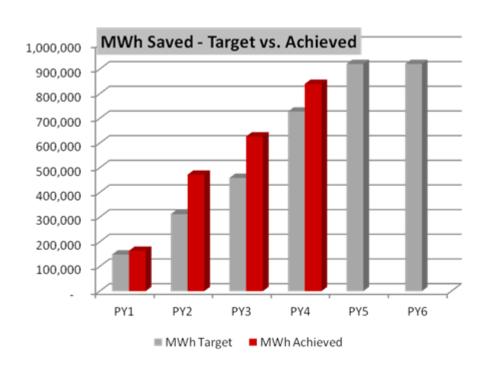
- DCEO Programs
- Emerging Technologies / R&D
- Education / Outreach
- Market Support
- Building Codes & Standards
- Risk Management

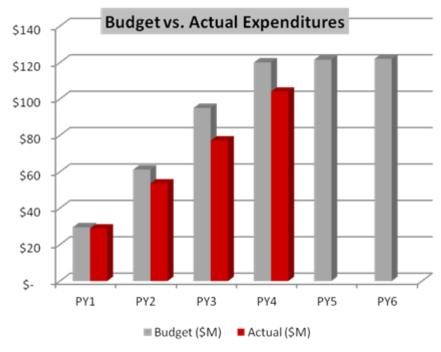




### **Portfolio Performance**

- ComEd has achieved its primary goals over the first 3 years
  - The kwh goal has been exceeded each year (see graph on left)
  - Yearly expenses have come in under budget each year (see graph on right)
- Both kWh savings and expenses are trending favorably for PY4 (graphs reflect current projections)









### **Key Metrics**

- Over the first three years, ComEd has discounted over 22 million bulbs, recycled over 71,000 appliances and completed over 6,800 business projects as part of its portfolio
- Over 1.2 million MWh have been saved to date, with an average 1<sup>st</sup> year cost of 12.6 cents/kWh and an average lifecycle cost of 1.8 cents/kWh

	MWH Saved	Pct. of Total	1st Year cost/kWh		Lifecycle cost/kwh	
Residential Programs	713,530	57%	\$ 0.082	\$	0.018	
C&I Programs	549,291	43%	\$ 0.130	\$	0.020	
Total Portfolio	1,262,821	100%	\$ 0.126	\$	0.018	
Key Programs						
Residential Lighting	527,977	42%	\$ 0.062	\$	0.009	22.3 million bulbs sold
Appliance Recycling	88,953	7%	\$ 0.137	\$	0.022	71,000 appliances recycled
Business Prescriptive / Custom	509,741	40%	\$ 0.123	\$	0.018	6,800 projects completed
Business Retrocommissioning	23,037	2%	\$ 0.256	\$	0.116	560 measures completed

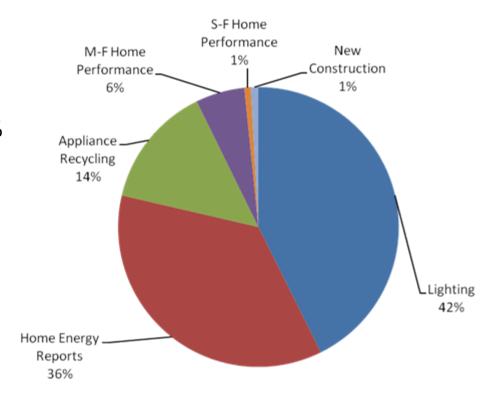




## **Residential Program Overview**

- The graph illustrates the breakdown of programs by MWH in the residential sector
- Two programs Lighting and Home Energy Reports are 78% of the residential portfolio
- Appliance Recycling makes up 14% of the residential portfolio
- The remaining 8% of the portfolio consists of niche programs

#### Residential Program MWH Breakdown



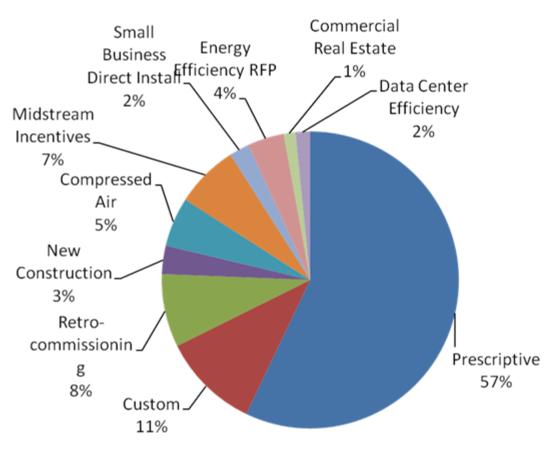




## **C&I Program Overview**

- The graph illustrates the breakdown of C&I programs by MWH
- Three current programs Prescriptive (57%),
  Custom (11%) and Retro commissioning (8%) make
  up over 75% of the C&I
  Portfolio

### **C&I Program MWH Breakdown**







### **Key Legislative Changes**

#### Gas EEPS

- Gas utility legislation has offered a unique opportunity for joint program coordination
- ComEd reached out to both gas companies, Nicor and Integrys, to engage their interest in implementing joint programs
- The three organizations have worked together to identify / develop joint program opportunities
- The joint effort has resulted in several joint programs
  - Residential Single-family Home Performance, Multi-Family Home Performance, New Construction, Elementary Education, HVAC Complete System Replacement
  - C&I Custom Projects, Retrocommissioning, New Construction, Small Business Direct Install

### Energy Infrastructure Modernization Act (EIMA)

- Brought Smart Grid and Formula Rates to ComEd
- For EE, requires annual solicitation to obtain all cost-effective EE in residential and small business (>100kW) class
- First year of planning still too soon to know magnitude of impacts



