



An Exelon Company

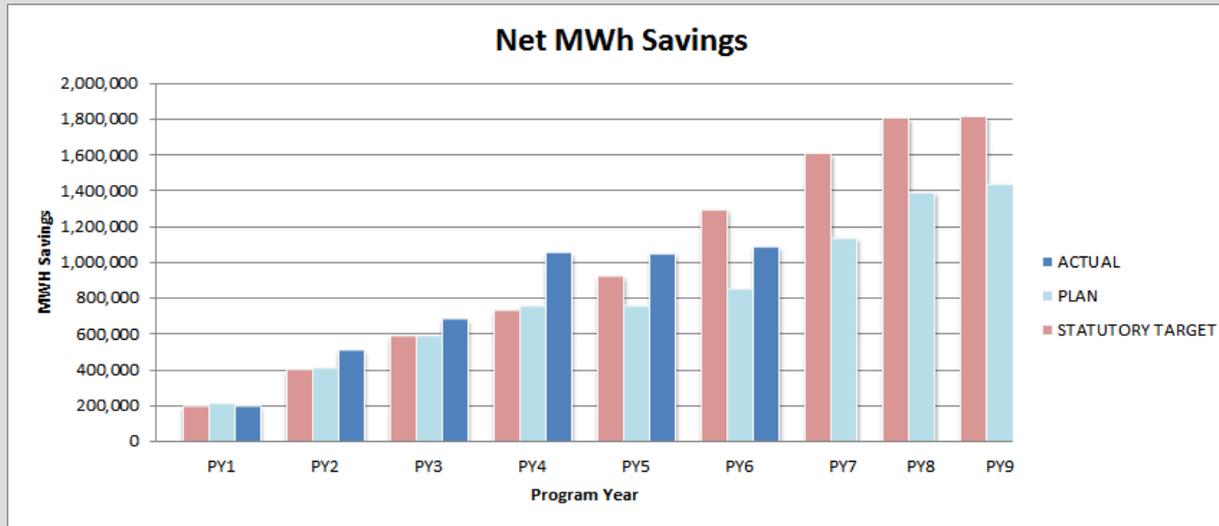
Energy Efficiency in Illinois

Presentation to the Illinois Commerce Commission

September 23, 2014

Historical Context

- Section 8-103 programs launched June, 2008
 - Progressive savings goals
 - 0.2% of deliveries in 2008, increasing to
 - 2.0% of deliveries in 2015
 - 3-year plan filed by utilities, approved by ICC
 - 2% spending screen
- Section 16-111.5B programs launched June, 2012
 - Additional energy efficiency for residential and small business customers
 - Not subject to spending screen limitations
 - Annual filing by utilities to IPA



- Since inception, ComEd programs have saved over 4.5 million MWh (vs. Goal of 3.4 million MWh)
- Project additional 4.4 million MWh through May 2017

	Planned			Actual		
	Residential	Commercial	Total	Residential	Commercial	Total
PY1	86,337	120,504	206,841	74,119	114,959	189,078
PY2	150,418	251,924	402,342	252,596	253,612	506,208
PY3	183,466	404,013	587,479	386,549	294,296	680,845
PY4	296,342	457,144	753,486	573,505	477,112	1,050,617
PY5	252,991	500,363	753,354	553,368	494,396	1,047,764
PY6	264,889	583,926	848,815	476,020	608,595	1,084,615
PY7	495,560	638,203	1,133,763	-	-	-
PY8	695,001	693,412	1,388,413	-	-	-
PY9	676,003	753,973	1,429,976	-	-	-

- Residential and Commercial/Industrial energy savings evenly split
- Expect shift toward more Commercial/Industrial savings going forward

Residential

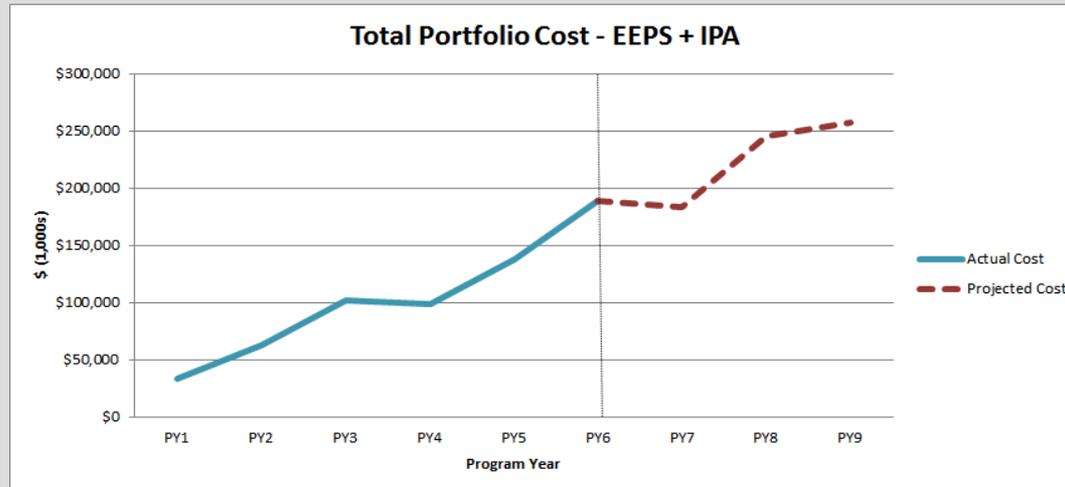
- Lighting Discounts
- Fridge & Freezer Recycling
- Multi-Family EE
- Single Family EE
- Home Energy Reports
- Elementary Education
- New Construction

Commercial/Industrial

- Standard and Custom Incentives
- Retro-Commissioning
- Industrial Systems
- Small Business Energy Savings
- New Construction
- Business Instant Lighting Discounts

- ComEd has increased focus on Industrial Energy Efficiency:
 - Targeted marketing and customer recruitment for its existing programs
 - Added Industrial Systems Optimization Program
 - Staffing Grants
 - Large Customer Pilot has been developed with cooperation from Large C/I representatives
 - ComEd is working with SAG on process and methodologies to facilitate Combined Heat and Power into its portfolio

Total Annual Cost-to-Achieve



- Spent \$622 million in first 6 years
 - Has averaged 13.7 cents/kWh over first 6 years
- Increasing significantly beginning 2013 (PY6)
 - Forecast Spending \$686 million over next 3 years
 - \$419 million EEPS
 - \$267 million IPA

	2013	2014	2015	2016	2017	2018
Cumulative Savings Forecast—GWh						
Maximum achievable potential	1,122	2,453	3,767	5,430	7,104	8,693
Program achievable potential	835	1,649	2,294	3,043	3,778	4,387
Cumulative Savings Forecast— % of load						
Maximum achievable potential	1%	3%	4%	6%	8%	10%
Program achievable potential	1%	2%	3%	3%	4%	5%
Incremental Savings Forecast—GWh						
Maximum achievable potential	1,122	1,438	1,602	1,865	1,956	2,111
Program achievable potential	835	868	827	846	828	846
Incremental Savings Forecast— % of load						
Maximum achievable potential	1.3%	1.6%	1.7%	2.1%	2.1%	2.4%
Program achievable potential	0.9%	1.0%	0.9%	1.0%	0.9%	1.0%
Program Costs (Millions, Real 2013\$)						
Maximum achievable potential	\$265	\$349	\$426	\$487	\$488	\$527
Program achievable potential	\$125	\$137	\$139	\$146	\$152	\$157

Source: ComEd Energy Efficiency Potential Study Report, 2013-2018, August 20, 2013, ICF International

Emerging Technologies

- Smart Device Enablement Platform
- Smart Thermostats (e.g., Nest, EcoFactor)
- LED Streetlighting w/Smart Grid Interface
- Home Energy Disaggregation/Information

New Programs/Program Approaches

- CHP
- Large C/I pilot
- Strategic Energy Management
- Conservation Voltage Reduction
- Codes and Standards Compliance