



An Exelon Company



May EE SAG Meeting

ComEd's Plan Year 7 Third Quarter Report & Plan Year 8 Forecast

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The data presented in this document is based on preliminary results and is subject to revision and evaluation adjustments.



Smart Ideas is funded by ComEd customers in compliance with Illinois Public Act 95-0481.

Quarterly Program Highlights

Smart Ideas for Your Business

- On track to exceed PY7 goals for incentives, new construction, and midstream incentives programs
 - There is a healthy portion of larger projects as evidenced by a U.S. Cellular data center site in Schaumburg that was awarded an incentive check for \$266,334 for saving 3,308 MWh in PY7
- Not expected to meet PY7 goal for optimization program
 - However, ComEd continues to expand RCx to smaller buildings with a new RCx offering that launched in March to target buildings under 150,000 square feet
 - There is also a sizable pipeline for future industrial projects
- Not in original filing is small business energy savings program, which is forecasted to be about 61,500 MWh
- Overall, C&I program expected to exceed PY7 goal by approximately 57,000 MWh

Smart Ideas for Your Home

- On track to exceed PY7 goals for lighting discounts, home energy rebates, energy education kits, home energy assessments, and new construction programs
- Not expected to meet PY7 goals for fridge & freezer recycling or multi-family programs, although original filing included common area savings, which is now a part of business savings
- Overall, residential program expected to exceed PY7 goal by about 88,000 MWh, driven primarily by lighting
- PY7 is the last year that residential lighting in in the EEPS portfolio

IPA Programs

- Small Business Energy Saving program has already met its goal of 100,000 MWh, and additional savings will be realized in EEPS portfolio (additional savings forecasted @ 61,500 MWh)
- Home Energy Report program expected to achieve about 90% of goal

EEPS Programs – PY7 Q3 Ex Ante Results

Program	Actual YTD Net MWh PY7 Results	Planning Net Target MWh	Percent of Planning Target	Program Costs YTD (\$1,000)	Projected Annual Costs (\$1,000)	Percent of Annual Spend	1st Year Cost/kWh
Incentives Total	114,995	254,500	45%	\$ 21,977	\$ 37,381	59%	Values will be reported with year end final value
Standard	103,677	220,000	47%				
Custom (includes large C&I pilot)	5,259	25,000	21%				
Data Center Efficiency	6,059	9,500	64%				
Midstream Incentives	162,933	110,000	148%	\$ 14,891	\$ 14,000	106%	
Optimization Total	5,498	50,000	11%	\$ 4,056	\$ 11,397	36%	
Retro-Commissioning	3,262	36,000	9%				
Industrial Systems	2,236	14,000	16%				
New Construction	11,979	18,500	65%	\$ 3,589	\$ 5,995	60%	
Multi-Family Common Area	4,566	4,500	101%				
Small Business Energy Savings	79,903	50,000	160%	\$ 8,451	\$ -		
C&I Other *				\$ 1,059	\$ 1,106	96%	
C&I Subtotal	379,875	487,500	78%	\$ 54,022	\$ 69,880	77%	
Lighting Discounts	141,024	100,000	141%	\$ 13,708	\$ 17,396	79%	
Fridge & Freezer Recycling	13,214	20,000	66%	\$ 4,608	\$ 7,524	61%	
Multi-Family	2,513	6,000	42%	\$ 942	\$ 4,379	22%	
Home Energy Rebates	3,425	2,200	156%	\$ 1,884	\$ 1,705	110%	
Home Energy Assessments	3,080	3,800	81%	\$ 1,811	\$ 1,365	133%	
Elementary Energy Education	0	700	0%	\$ 208	\$ 433	48%	
New Construction	244	200	122%	\$ 167	\$ 9	1918%	
Residential - General				\$ 296	\$ 677	44%	
Residential Subtotal	163,500	132,900	123%	\$ 23,624	\$ 33,487	71%	
CFL Carryover	75,789	83,500					
EEPS Portfolio Totals	619,163	703,900	88%	\$ 77,646	\$ 103,367	75%	

*Other costs include IT Infrastructure, Call Center, and General charges.

IPA Programs – PY7 Q3 Ex Ante Results

Program	Actual YTD Net MWh PY7 Results	Planning Net Target MWh	Percent of Planning Target	Program Costs YTD (\$1,000)	Projected Annual Costs (\$1,000)	Percent of Annual Spend	1st Year Cost/kWh
Home Energy Report	136,782	271,825	50%	\$ 9,099	\$ 11,000	83%	Values will be reported with year end final value
Small Business Energy Savings	100,000	100,000	100%	\$ 27,479	\$ 33,000	83%	
Small Commercial HVAC Tune-Up	0	3,324	0%	\$ -	\$ 1,024	0%	
CFL Carryover	5,368						
Third Party							
CUB Energy Saver	2,084	5,970	35%	\$ 201	\$ 400	50%	
One Change	0	4,360	0%	\$ 278	\$ 1,267	22%	
Retrofit Chicago Residential	13	1,157	1%	\$ -	\$ 543	0%	
Shelton Solutions Great Energy Stewards	0	1,230	0%	\$ -	\$ 200	0%	
IPA Total	244,246	387,866	63%	\$ 37,058	\$ 47,433	78%	
EEPS Total	619,163	703,900	88%	\$ 69,195	\$ 103,367	67%	
Portfolio Total	863,410	1,091,766	79%	\$ 106,253	\$ 150,801	70%	

Portfolio	Actual YTD Net MWh PY7 Results	Approved Net Target MWh	Percent of Approved Target
EEPS	619,163	648,029	96%
IPA	244,246	387,866	63%
TOTAL	863,410	1,035,895	83%

Portfolio Results

Performance Metrics (Equivalents)	MWh, Environmental and Economic Impacts						
	PY7 Q3	PY6	PY5	PY4	PY3	PY2	PY1
Net MWh	863,410	1,118,648	953,454	944,142	626,715	472,132	163,717
Carbon reduction (tons)	591,880	845,306	654,975	630,999	443,186	257,230	143,236
Cars removed from the road	124,606	161,441	128,420	123,719	86,895	49,205	26,238
Number of homes powered for 1 year*	93,808	121,539	98,883	93,415	65,611	47,755	21,263
Portfolio jobs**	234	234	196	179	154	84	66



* Assumes average ComEd single-family residential home with no electric space heat consumes 801 kWh monthly or 9,612 kWh annually per the filing.

** Portfolio Jobs reflect actual positions by ComEd and its contractors that are part of the Rider EDA and does not attempt to capture indirect jobs in the energy efficiency industry that may result from the ComEd portfolio. This number is updated once per year and is not updated for the current year until Q4.

PY7 EEPS Forecast vs. Filed Plan

EEPS PY7 savings is forecasted to be ~ 20% above filed goal

PY7 Programs	PY7		
	Net MWHs - Filed Plan	Net MWHs - Forecast	Forecast vs. Filed Deltas
C&I - EE Programs			
Incentives	215,277	222,000	+6,723
Optimization	92,547	32,500	-60,047
C&I New Construction	14,795	18,000	+3,205
Midstream Incentives	110,033	150,000	+39,967
Small Business	Not in Filing	61,500	+61,500
Multi-Family Common Area*	Filed in Res	6,000	+6,000
C&I TOTAL	432,651	490,000	+57,348
RESIDENTIAL - EE Programs			
Residential Lighting	92,045	190,000	+97,955
Fridge & Freezer Recycling	26,178	17,500	-8,678
Home Energy Rebates	1,339	4,200	+2,861
Multi-Family Direct Install*	9,512	3,200	-6,312
Energy Education Kits	681	700	+19
Home Energy Assessments	2,139	4,100	+1,961
Residential New Construction	16	300	+284
RESIDENTIAL TOTAL	131,910	220,000	+88,090
CFL Carryover	83,468	75,789	-7,679
Total ComEd EE	648,029	785,789	+137,759

*Multi-Family Common Area savings were filed in Residential DI program but are now captured in C&I

PY8 EEPS Plan and Projection

PY8 will focus on customer participation and comprehensive solutions

PY8 Filed Plan				PY8 Projection
PY8 Programs	Cost	Net MWHs	¢/kWh	Net MWHs
C&I - EE Programs				
Incentives	\$34,414,531	196,742	\$0.17	237,300
Large C/I Pilot	\$5,150,000	-		N/A
Optimization	\$12,185,046	95,781	\$0.13	69,600
C&I New Construction	\$6,477,491	15,665	\$0.41	49,200
Midstream Incentives	\$6,975,586	116,269	\$0.06	152,600
C&I TOTAL	\$65,202,654	424,457	\$0.15	508,700
RESIDENTIAL - EE Programs				
Residential Lighting	Residential Lighting In IPA in PY8			In IPA in PY8
Res Products / Appliance Rebate	\$6,650,200	9,103	\$0.73	9,000
Fridge & Freezer Recycling	\$8,599,829	29,450	\$0.29	18,500
Home Energy Rebates	\$4,296,162	7,528	\$0.57	10,000
Multi-Family Direct Install	\$4,191,113	9,014	\$0.46	3,100
Energy Education Kits	\$419,141	624	\$0.67	600
Direct to Consumer Kits	\$6,183,186	6,996	\$0.88	N/A
Home Energy Assessments	\$4,644,917	7,592	\$0.61	7,600
Residential New Construction	\$32,549	19	\$1.71	500
RESIDENTIAL TOTAL	\$35,017,097	70,326	\$0.50	49,300
CFL Carryover		47,200		47,200
Total ComEd EE	\$100,219,751	541,983	\$0.18	605,200

PY8 IPA Plan

PY8 consists of a variety of new and existing IPA Programs

PY8 IPA Plan	
PY8 Programs	Net MWHs
C&I - EE Programs	
Small Business	133,000
C&I TOTAL	133,000
RESIDENTIAL - EE Programs	
Home Energy Report	337,751
Res Lighting (Previously in EEPS)	223,066
LED Streetlighting	5,474
RESIDENTIAL TOTAL	566,291
THIRD PARTY - EE Programs	
CUB Energy Saver Energy Reports	11,940
Small Commercial HVAC Tune-Up	9,309
Retrofit Chicago Res All Electric DI	1,518
Shelton Great Energy Stewards	850
NTC Middle School Take Home Kits	1,220
CLEAResult Direct Install Schools	4,097
Matrix Direct Install Schools	5,545
Matrix Demand Control Ventilation	5,517
Sodexo Demand Control Ventilation	5,096
Weidt Group Net Energy Optimizer	2,107
THIRD-PARTY TOTAL	47,199
Total IPA EE	746,490

Yellow highlighting indicates programs new to IPA in PY8

PY8 Smart Ideas for Your Home

Changes in PY8 include:

- **Smart Thermostats** will be added to Home Energy Assessment, Home Energy Rebate, and Appliance Rebate Programs
- **Appliance Rebate Program** is new for PY8 and will offer mail-in/online rebates for several types of consumer products, including refrigerators, freezers, heat pump water heaters, smart thermostats, clothes washers, electric clothes dryers, and air purifiers
- **Home Energy Rebate Program** is expanding in PY8 to include heat pumps/heat pump water heaters and ECMs (furnace blower motors)
- **Residential Lighting** will move into the IPA portfolio



Assessments



Rebates



Discounts



Recycling

PY8 Smart Ideas for Your Business

Highlights in PY8 include:

- **Healthy C&I Pipeline Potential leading into PY8**
 - Incentives Program: Pipeline savings already over 50% of PY8 goal
 - Optimization Program: Pipeline savings already over 40% of PY8 goal
 - New Construction Program: Pipeline savings already over 100% of PY8 goal

Market Transformation Strategy

- **Effort and investment to increase adoption of comprehensive EE projects by C&I customers**
 - Deep Retrofit Measures
 - Technology-Enabled Optimization

