

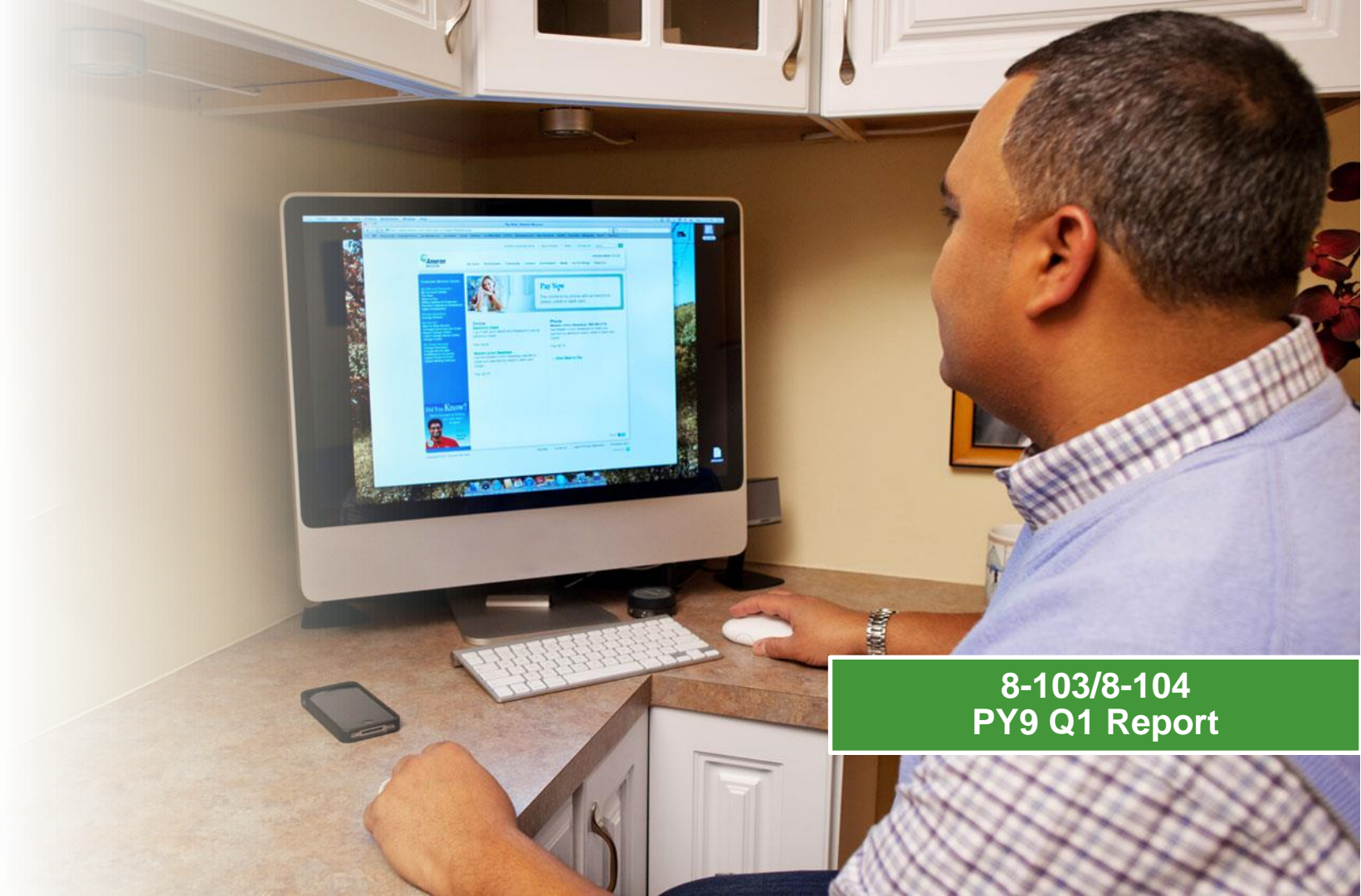
Ameren Illinois Quarterly Report to SAG

PY9 Q1 8-103/8-104 and 16-111.5B (IPA)

Results and Highlights

Updated 10.24.16





8-103/8-104
PY9 Q1 Report

8-103/8-104: PY9 Adjusted Goal Analysis - Savings

	PY9 Compliance Goal (MWh)	PY9 Compliance Goal (Therms)	PY9 Electric Adjusted Goals (MWh)	PY9 Gas Adjusted Goals (Therms)	Electric Variance	Gas Variance	Electric % Variance	Gas % Variance	PY9 NTG and/or TRM V4.0 Adjustment Explanations *
Energy Efficiency									
RES-Appliance Recycling	3,329	0	3,169	0	-160	0	-5%	0%	Slight increase due to change PY9 NTG and a reduction in savings due to reversed coefficients TRM V 3
RES-Behavior Modification	0	1,887,500	0	1,887,500	0	0	0%	0%	
RES-Energy Star New Homes	791	25,663	760	32,271	-31	6,608	-4%	26%	Electric NTGRs decreased.. Gas NTGRs increased.
RES-HPwES	5,346	768,779	2,389	427,530	-2,957	-341,249	-55%	-44%	Changes to air sealing and insulation measure algorithms caused reduction to electric and gas goals.
RES-HVAC	4,492	0	4,832	0	340	0	8%	0%	NTGRs for ROB measures decreased by 5-10%; NTGRs for ER measures increased by 10-15%; NTGR for BMP blower motor increased by 10%. TRM change - Baseline for ASHP ROB measures changed to 14 SEER from 13 SEER.
RES-Lighting	4,968	0	4,513	0	-455	0	-9%	0%	Change to ISR in TRM V3.0 increased the savings recognized in PY7, causing a reduction to carryover savings in years PY8 & PY9. Midstream lighting is in IPA for PY8 and these savings are strictly carryover from PY7.
RES-Moderate Income	6,604	462,778	4,420	322,597	-2,184	-140,181	-33%	-30%	Changes to air sealing and insulation measure algorithms caused reduction to electric and gas goals.
RES-Multifamily In-Unit	5,517	112,521	5,151	98,838	-366	-13,683	-7%	-12%	Electric NTGR generally increased for most measures, offset by a reduction in HOU for CFLs (TRM change). Gas NTGRs generally remained relatively stable.
RES-School Kits	388	54,986	273	33,605	-115	-21,380	-30%	-39%	Electric or gas NTGRs generally increased with exception of CFLs which decreased. This was offset in electric by TRM changes - Lighting parameter reductions in hours, WHF and ISR. Gas measures were affected by TRM changes to water heater temperature reduction methodology and ISR.
RES PROGRAM TOTAL	31,435	3,312,228	25,506	2,802,342	-9,929	-509,885	-19%	-15%	
BUS-Standard	93,178	851,087	82,880	744,554	-10,298	-106,532	-11%	-13%	Electric variance is primarily driven by changes to HOU in lighting measures and algorithm changes to occupancy sensors. Gas variance was the result of reduced NTG values.
BUS-Custom	32,372	1,131,575	32,111	1,271,811	-262	140,235	-1%	12%	Slight decrease in electric NTG and increase in gas NTG
BUS-RCx	17,137	134,172	16,372	129,528	-765	-4,644	-4%	-3%	Reductions in both electric and gas NTG
BUS-Large C&I	17,480	0	17,480	0	0	0	0%	0%	
BUS PROGRAM TOTAL	160,168	2,116,833	148,843	2,145,893	-11,325	29,059	-7%	1%	
AMEREN ILLINOIS PROGRAM TOTAL	191,603	5,429,061	174,349	4,948,235	-17,254	-480,826	-9%	-9%	

Note: These values may still be affected by any errata identified in the TRM V6.0 update process. * For a complete list of measure changes, reference Illinois Statewide TRM Version 5.0 Table 1.3

8-103-8-104: PY9 Adjusted Goals vs PY9 Implementation Plan Savings

	PY9 Electric Adjusted Goals (MWHs)	PY9 Gas Adjusted Goals (Therms)	PY9 Electric Implementation Plan (MWHs)	PY9 Gas Implementation Plan (Therms)	Electric Variance	Gas Variance	Electric % Variance	Gas % Variance	Explanations or +/- 20% variance
Energy Efficiency									
RES-Appliance Recycling	3,169	0	3,312	0	143	0	5%	0%	
RES-Behavior Modification	0	1,887,500	0	1,837,000	0	-50,500	0%	-3%	
RES-Energy Star New Homes	760	32,271	121	8,464	-639	-23,807	-84%	-74%	During annual development of PY9 implementation plan and incorporation of TRM & NTG changes, on a prospective basis this program was found to be cost-ineffective for PY9. The program was terminated Aug 31, 2016.
RES-HPwES	2,389	427,530	81	17,923	-2,308	-409,607	-97%	-96%	During annual development of PY9 implementation plan and incorporation of TRM & NTG changes, on a prospective basis this program was found to be cost-ineffective for PY9. The program was terminated July 31, 2016.
RES-HVAC	4,832	0	4,326	51,631	-506	51,631	-10%	0%	
RES-Lighting	4,513	0	5,948	0	1,435	0	32%	0%	Greater participation in the PY7 lighting program resulted in larger carryover
RES-Moderate Income	4,420	322,597	3,857	649,851	-563	327,254	-13%	101%	Increase in the number of homes to be treated for Moderate Income resulting in increased gas savings.
RES-Multifamily In-Unit	5,151	98,838	6,461	156,503	1,310	57,665	25%	58%	Greater planned participation results in larger savings to offset reductions in other programs.
RES-School Kits	273	33,605	451	45,509	178	11,904	65%	35%	Increased delivery with minimal budget impact.
RES PROGRAM TOTAL	25,506	2,802,342	24,557	2,766,881	-949	-35,461	-4%	-1%	
BUS-Standard	82,880	744,554	67,667	2,077,737	-15,213	1,333,183	-18%	179%	Gas variance due to anticipated participation from a few large industrial customers with high pressure steam traps
BUS-Custom	32,111	1,271,811	72,617	418,000	40,506	-853,811	126%	-67%	Electric variance due to a large amount of savings expected from Large electric customers (see savings shift to Custom under Large C&I explanation). Gas variance due to less savings expected from Custom gas due to lower natural gas prices making return-on-investment less favorable to customers
BUS-RCx	16,372	129,528	9,076	275,039	-7,296	145,511	-45%	112%	Electric variance due to reduced number of eligible customers for electric retrocommissioning offers than original expected during planning. Gas variance due to more customers pursuing retrocommissioning than originally anticipated during planning.
BUS-Large C&I	17,480	0	0	0	-17,480	0	-100%	0%	No customers signed up for Large C&I offering in PY7, savings shifted to Custom to serve the same target customers
BUS PROGRAM TOTAL	148,843	2,145,893	149,360	2,770,776	517	624,883	0%	29%	
AMEREN ILLINOIS PROGRAM TOTAL	174,349	4,948,235	173,917	5,537,657	-432	589,422	0%	12%	

8-103/8-104: PY9 Adjusted Goals vs PY9 Implementation Plan - Budget

Energy Efficiency	PY9 Electric Plan Budget	PY9 Gas Plan Budget	PY9 Electric Implementation Budget	PY9 Gas Implementation Budget	Electric Variance	Gas Variance	Electric %Variance	Gas %Variance	Explanations or +/- 20% variance
RES-Appliance Recycling	\$ 1,313,788	\$ -	\$ 1,312,917	\$ -	\$ (871)	\$ -	0%	0%	
RES-Behavior Modification	\$ -	\$ 984,375	\$ -	\$ 1,070,390	\$ -	\$ 86,015	0%	9%	
RES-Energy Star New Homes	\$ 655,381	\$ 361,921	\$ 931,633	\$ 436,422	\$ 276,252	\$ 74,501	42%	21%	With closing of program in Q1, currently working to reallocate dollars to other programs.
RES-HPwES	\$ 4,004,447	\$ 2,211,350	\$ 2,016,308	\$ 474,233	\$ (1,988,139)	\$ (1,737,117)	-50%	-79%	With closing of program in Q1, currently working to reallocate dollars to other programs.
RES-HVAC	\$ 2,844,928	\$ -	\$ 2,194,425	\$ 65,180	\$ (650,503)	\$ 65,180	-23%	0%	Discontinued incentives on central air conditioners to ensure compliance with not overpromoting cost-ineffective measures.
RES-Lighting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	0%	
RES-Moderate Income	\$ 8,375,886	\$ 1,303,887	\$ 10,382,518	\$ 3,409,632	\$ 2,006,632	\$ 2,105,745	24%	161%	Increase in the number of homes to be treated for Moderate Income resulting in increased gas savings.
RES-Multifamily In-Unit	\$ 1,061,851	\$ 312,752	\$ 2,735,990	\$ 841,059	\$ 1,674,139	\$ 528,307	158%	169%	Greater funding to meet increased planned participation.
RES-School Kits	\$ 115,375	\$ 120,175	\$ 120,891	\$ 139,260	\$ 5,516	\$ 19,085	5%	16%	
RES PROGRAM TOTAL	\$ 18,371,656	\$ 5,294,459	\$ 19,694,682	\$ 6,436,176	\$ 1,323,026	\$ 1,141,717	7%	22%	
BUS-Standard	\$ 11,661,911	\$ 2,636,097	\$ 10,445,471	\$ 1,534,546	\$ (1,216,440)	\$ (1,101,551)	-10%	-42%	Anticipated participation from a few large industrial steam trap projects resulting in less expenditures for gas incentives.
BUS-Custom	\$ 5,379,948	\$ 1,989,674	\$ 9,977,786	\$ 1,802,645	\$ 4,597,838	\$ (187,029)	85%	-9%	Electric variance due to a large amount of incentives expected to go to electric customers (see savings shift to Custom under Large C&I explanation). Gas variance due to less projects expected from Custom gas due to lower natural gas prices making return-on-investment less favorable to customers
BUS-RCx	\$ 1,869,563	\$ 127,004	\$ 772,018	\$ 529,074	\$ (1,097,545)	\$ 402,070	-59%	317%	Electric variance due to reduced number of eligible customers for electric retrocommissioning offers than original expected during planning. Gas variance due to more customers pursuing retrocommissioning than originally anticipated during planning.
BUS-Large C&I	\$ 1,710,000	\$ -	\$ -	\$ -	\$ (1,710,000)	\$ -	-100%	0%	No customers signed up for Large C&I offering in PY7, budget shifted to Custom to serve the same target customers
BUSINESS PROGRAM TOTAL	\$ 20,621,422	\$ 4,752,776	\$ 21,195,275	\$ 3,866,265	\$ 573,853	\$ (886,511)	3%	-19%	
Ameren Illinois - Portfolio Admin costs	\$ 1,963,352	\$ 505,891	\$ 1,963,352	\$ 505,891	\$ -	\$ -	0%	0%	
Ameren Illinois - EM&V costs	\$ 1,369,780	\$ 352,947	\$ 1,369,780	\$ 352,947	\$ -	\$ -	0%	0%	
Ameren Illinois - Education	\$ 981,676	\$ 252,946	\$ 981,676	\$ 252,946	\$ -	\$ -	0%	0%	
Ameren Illinois - Marketing	\$ 981,676	\$ 252,946	\$ 981,676	\$ 252,946	\$ -	\$ -	0%	0%	
R&D Budget (Emerging Technologies)	\$ 1,369,780	\$ 352,947	\$ 1,369,780	\$ 352,947	\$ -	\$ -	0%	0%	
AMEREN ILLINOIS PROGRAM TOTAL	\$ 45,659,342	\$ 11,764,912	\$ 47,556,221	\$ 12,020,118	\$ 1,896,879	\$ 255,206	4%	2%	
DCEO AMEREN ILLINOIS TOTAL	\$ 15,219,781	\$ 3,921,637	\$ 15,219,781	\$ 3,921,637	\$ -	\$ -	0%	0%	
TOTAL PORTFOLIO	\$ 60,879,122	\$ 15,686,549	\$ 62,776,001	\$ 15,941,756	\$ 1,896,879	\$ 255,206	3%	2%	



8-103/8-104: PY9 Implementation Plan vs Actual Q1 Activity - Savings

Energy Efficiency	PY9 Electric Implementation Plan (MWh)	PY9 Gas Implementation Plan (Therms)	PY9 Electric Actuals * (MWh)	PY9 Gas Actuals * (Therms)	Electric % Complete	Gas % Complete	Explanations
RES-Appliance Recycling	3,312	0	1,072	0	32%	0%	
RES-Behavior Modification	0	1,837,000	0	96,629	0%	5%	
RES-ENERGY STAR New Homes	121	8,464	94	9,016	77%	107%	Energy Star New Homes is forecasting to be at 77% of the Electric Implementation Plan goal.
RES-HPwES	81	17,923	48	8,599	59%	48%	The HEP program is currently forecasting to be at 61% of the Electric Implementation Plan goal and 50% of the Gas Implementation plan goal.
RES-HVAC	4,326	51,631	462	785	11%	2%	
RES-Lighting	5,948	0	5,948	0	100%	0%	This total represents the evaluated lighting carryover from PY7.
RES-Moderate Income	3,857	649,851	178	24,328	5%	4%	
RES-Multifamily	6,461	156,503	745	88,009	12%	56%	
RES-School Kits	451	45,509	0	0	0%	0%	
RESIDENTIAL PROGRAM TOTAL	24,557	2,766,881	8,546	227,366	35%	8%	
BUS-Standard	67,667	2,077,737	4,919	7,887	7%	0%	Standard is currently forecasting to be at 120% of the Electric Implementation Plan goal.
BUS-Custom	72,617	418,000	943	93,616	1%	22%	
BUS-RCx	9,076	275,039	0	0	0%	0%	
BUS-Large C&I	0	0	0	0	0%	0%	
BUSINESS PROGRAM TOTAL	149,360	2,770,776	5,862	101,502	4%	4%	
AMEREN ILLINOIS PROGRAM TOTAL	173,917	5,537,657	14,408	328,868	8%	6%	

* All savings values are unevaluated

8-103/8-104: PY9 Implementation Plan vs Actual Q1 Activity - Budget

	PY9 Electric Implementation Plan	PY9 Gas Implementation Plan	PY9 Electric Actuals	PY9 Gas Actuals	Electric % Complete	Gas % Complete	Explanations
Energy Efficiency							
RES-Appliance Recycling	\$ 1,312,917	\$ -	\$ 343,243	\$ -	26%	0%	Appliance Recycling is forecasting to be at 30% of the Electric Implementation Plan spend.
RES-Behavior Modification	\$ -	\$ 1,070,390	\$ -	\$ 854,803	0%	80%	
RES-ENERGY STAR New Homes	\$ 931,633	\$ 436,422	\$ 138,888	\$ 68,302	15%	16%	Energy Star Homes is forecasting to be at 19% of the Electric Implementation Plan spend and 19% of the Gas
RES-HPwES	\$ 2,016,308	\$ 474,233	\$ 173,004	\$ 51,918	9%	11%	The HEP program is currently forecasting to be at 9% of the Electric Implementation Plan spend and 11% of the Gas Implementation Plan spend.
RES-HVAC	\$ 2,194,425	\$ 65,180	\$ 393,216	\$ 6,203	18%	10%	
RES-Lighting	\$ -	\$ -	\$ -	\$ -	0%	0%	
RES-Moderate Income	\$ 10,382,518	\$ 3,409,632	\$ 988,750	\$ 243,334	10%	7%	
RES-Multifamily In-Unit	\$ 2,735,990	\$ 841,059	\$ 921,657	\$ 285,590	34%	34%	
RES-School Kits	\$ 120,891	\$ 139,260	\$ 19,099	\$ 19,099	16%	14%	
RESIDENTIAL PROGRAM TOTAL	\$ 19,694,682	\$ 6,436,176	\$ 2,977,857	\$ 1,529,248	15%	24%	
BUS-Standard	\$ 10,445,471	\$ 1,534,546	\$ 1,414,971	\$ 284,274	14%	19%	
BUS-Custom	\$ 9,977,786	\$ 1,802,645	\$ 447,015	\$ 267,502	4%	15%	
BUS-RCx	\$ 772,018	\$ 529,074	\$ 90,828	\$ 56,548	12%	11%	
BUS-Large C&I	\$ -	\$ -	\$ -	\$ -	0%	0%	
BUSINESS PROGRAM TOTAL	\$ 21,195,275	\$ 3,866,265	\$ 1,952,814	\$ 608,323	9%	16%	
AMEREN ILLINOIS PROGRAM TOTAL	\$ 40,889,957	\$ 10,302,441	\$ 4,930,671	\$ 2,137,572	12%	21%	

8-103/8-104: PY9 New Measures - Residential

Program	Measure Description	TRC	Explanations for TRC < 1
HVAC/Moderate Income	Smart Thermostat	1.49	

8-103/8-104: PY9 New Measures - Business

Program	Measure Description	TRC	Explanations for TRC < 1
Standard	T5 Linear LED Lamp Retrofit (Midstream)	5.99	
Standard	Steam Trap real-time monitoring	1.48	
Standard	Low-Flow Faucet Aerators and Laminar	4.03	
Standard	Occupancy Controlled Bi-level Fixtures	3.66	
Standard	Advanced Thermostats	2.35	
Standard	Heat Recovery Grease Trap Filter	5.86	
Standard	Combination Oven - Electric	2.99	
Standard	Industrial Air Curtains	9.38	
Standard	Unitary HVAC Condensing Furnace	2.20	
Standard	Modulated Commercial Gas Clothes	1.95	
Standard	Variable Frequency Drive on HVAC	5.56	
Standard	Variable Frequency Drive on HVAC	3.54	



8-103/8-104

Residential Highlights



Residential **Appliance Recycling** Program Highlights

- TRC results showed this program no longer cost-effective.
- AIC worked during the quarter to see what changes could be made to improve the TRC.
- In late July, ARCA was provided notice of the termination of the contract effective at the earlier of the following:
 - August 31, 2016 OR
 - Upon completion of all previously scheduled pickups.

Residential **HVAC** Program Highlights

- 300 Program Allies are active in the HVAC program.
- Anticipating increases in ASHP and Blower Motors in PY9.

Residential Gas **Behavior Modification** Program Highlights

- Nothing significant to report during summer months.



Residential HPwES Program Highlights

- Due to an estimated prospective TRC of PY9 Implementation Plan < 1.0, the HPwES program is being closed.
- Program Allies were notified in May of the closing.
- Program closed effective 7-31-16 with four lagging incentives processed in August



Residential **Moderate Income** Program Highlights

- This program is known in the field as “Home Efficiency Income Qualified”.
- Began PY9 with a modified approach.
- With 116 active Program Allies, in the first month, 22% of those submitted projects.





Residential **Multifamily** Program Highlights

- Of the 9 Program Allies active in this program, nearly 50% have submitted projects in the first quarter

Residential **ENERGY STAR**® New Homes Program Highlights

- Due to an estimated prospective PY9 Implementation Plan TRC <1, this program not offered in PY9.
- Program Allies were notified in May about the closing.
- Work continued through the first quarter to close out projects that were in the pipeline.
- Program close at end of Q1.

Residential **School Efficiency Kits** Program Highlights

- Presentations are anticipated to begin in Q2 when school is back in session.





8-103/8-104

Business Highlights



Business Program Highlights

- Business Symposium held in Springfield in June was well attended. First year with only one event and held in the central area of AIC's service territory.
- CFLs removed from Instant Incentives Initiative (mid-stream lighting) but still keeping upward momentum for Instant Incentives with LEDs.
- Continue to receive a large number of large savings Custom Gas projects.
- Seven RCx projects currently in progress



**16-111.5B (IPA)
PY9 Q1 Report**

PY9 IPA Program Summary – 2015 and 2016 IPA Electricity Procurement Plan

IPA Energy Efficiency	Approved in IPA Electric Procurement Plan	IPA Plan Goal (MWh)	IPA Plan Budget (\$)**	PY9 Electric Contract (MWh)	PY9 Contract Budget (\$)	Difference		Explanations
						% Energy	% Budget	
Rural Efficiency Kits	2015	7,381	\$971,160	5,490	\$971,160	-26%	0%	Reduction to the PY9 energy savings goal driven by CLEAResult's overdelivery in PY8 and updates to TRM algorithms.
Multifamily	2015	36,498	\$14,395,090	19,798	\$10,016,520	-46%	-30%	Due to reductions in air sealing and insulation savings, CLEAResult had to remodel their program to get it to pass TRC screening.
Moderate Income Kits	2015	1,469	\$692,550	1,466	\$693,090	0%	0%	N/A
Small Business Direct Install	2015	9,173	\$3,263,754	11,641	\$3,287,814	27%	1%	Franklin revised their measure mix for PY9 which resulted in additional savings.
Behavior Modification (Electric Portion Only)	2015	37,500	\$1,013,625	37,500	\$1,013,625	0%	0%	N/A
Small Business Refrigeration	2015	16,820	\$3,283,169	8,205	\$2,632,867	-51%	-20%	Staples revised their program for PY9 after their experience in PY8. They drastically reduced the proposed savings but still have a program design that passed TRC screening.
Residential Lighting	2015	50,193	\$9,707,900	49,413	\$9,696,614	-2%	0%	CLEAResult shifted some of the participation among the bulb types from CFL to LED which resulted in a small reduction to savings.
Community-Based CFL Distribution	2016	8,402	\$1,037,531	8,401	\$1,039,500	0%	0%	N/A
Public HVAC Optimization	2016	6,926	\$1,000,000	6,257	\$1,000,000	-10%	0%	360 Energy revised their program measure mix which resulted in a reduction to savings.
Private HVAC Optimization	2016	6,926	\$1,000,000	6,257	\$1,000,000	-10%	0%	360 Energy revised their program measure mix which resulted in a reduction to savings.
Small Commercial Lit Signage	2016	8,480	\$1,999,999	12,884	\$2,000,000	52%	0%	SDS revised their program measure mix which resulted in an increase in energy savings.
HVAC Check-Up	2016	5,349	\$1,021,467	0	\$0	0%	0%	When reviewing all programs prior to June 1st Implementation, the TRC analysis for this program was below one (1). Nexant made multiple attempts to revise the proposed program to get the program level TRC above 1 but was not successful. AIC ceased contract negotiations.
LED Linear Lighting for Small Facilities	2016	13,281	\$2,790,000	11,467	\$2,609,976	-14%	-6%	When reviewing all programs prior to June 1st Implementation, the TRC analysis for this program was below one (1). Matrix revised their proposed program by reducing cost to get the TRC screening back above 1. Savings reductions were due to changes in the TRM.
Demand Based Ventilation Fan Control	2016	5,148	\$1,080,610	4,932	\$1,080,047	-4%	0%	Matrix made some revisions to this programs measure mix which resulted in reduced energy savings.
Public Facility Engagement Elec Only	2016 Conditional Approval	26,397	\$5,823,662	26,397	\$5,823,662	0%	0%	Program was conditionally approved by the Commission. Once DCEO received an approved budget from the State, AIC ceased contract negotiations with GDS.
STEP	2016 Conditional Approval	2,495	\$683,706	1,833	\$683,706	-27%	0%	Program was conditionally approved by the Commission. Once DCEO received an approved budget from the State, AIC ceased contract negotiations with MEEA.

** Implementer Budgets do not reflect AIC Administration costs which are being tracked separately

IPA: PY9 Q1 Plan vs Actual – Savings and Budget

IPA Energy Efficiency	Approved in IPA Electric Procurement Plan	IPA Plan Goal (MWHs)	IPA Plan Budget (\$) **	PY9 Electric Contract (MWHs)	PY9 Contract Budget (\$)	PY9 Activity (MWHs)	PY9 Spend (\$)	Difference	
								% Energy	% Budget
Rural Efficiency Kits	2015	7,381	\$971,160	5,490	\$971,160	-	\$0	0%	0%
Multifamily	2015	36,498	\$14,395,090	19,798	\$10,016,520	-	\$0	0%	0%
Moderate Income Kits	2015	1,469	\$692,550	1,466	\$693,090	591	\$273,924	40%	40%
Small Business Direct Install	2015	9,173	\$3,263,754	11,641	\$3,287,814	1,351	\$383,965	12%	12%
Behavior Modification (Electric Portion Only)	2015	37,500	\$1,013,625	37,500	\$1,013,625	11,817	\$539,309	32%	53%
Small Business Refrigeration	2015	16,820	\$3,283,169	8,205	\$2,632,867	1,060	\$331,401	13%	13%
Residential Lighting	2015	50,193	\$9,707,900	49,413	\$9,696,614	8,356	\$1,385,304	17%	14%
Community-Based CFL Distribution	2016	8,402	\$1,037,531	8,401	\$1,039,500	-	\$0	0%	0%
Public HVAC Optim.	2016	6,926	\$1,000,000	6,257	\$1,000,000	-	\$0	0%	0%
Private HVAC Optim.	2016	6,926	\$1,000,000	6,257	\$1,000,000	-	\$0	0%	0%
Small Commercial Lit Signage	2016	8,480	\$1,999,999	12,884	\$2,000,000	-	\$0	0%	0%
HVAC Check-Up	2016	5,349	\$1,021,467	0	\$0	-	\$0	0%	0%
LED Linear Lighting	2016	13,281	\$2,790,000	11,467	\$2,609,976	-	\$0	0%	0%
Demand Based Ventilation Fan Control	2016	5,148	\$1,080,610	4,932	\$1,080,047	-	\$0	0%	0%
Public Facility Engagement Elec Only	2016 Conditional Approval	26,397	\$5,823,662	26,397	\$5,823,662	-	\$0	0%	0%
STEP	2016 Conditional Approval	2,495	\$683,706	1,833	\$683,706	-	\$0	0%	0%

** Implementer Budgets do not reflect AIC Administration costs which are being tracked separately





**16-111.5B (IPA)
Highlights**

16-111.5B (IPA) Program Highlights - Residential

Program: RESIDENTIAL LIGHTING

Vendor/Implementer: CLEAResult

- As ordered in the Plan 3 Docket, this program was removed from the 8-103 Portfolio and included in the RFP for the 2015 IPA Electricity Procurement Plan under Sec. 16-111.5B and this begins the second year of implementation.
- Contracted energy savings dropped slightly (2%) when CLEAResult shifted some of the participation among the bulb types from CFL to LED while the budget remained relatively consistent with the Commission-approved values.
- At the end of Q1, this program has achieved 17% of the energy savings goal while utilizing 14% of the budget.



16-111.5B (IPA) Program Highlights - Residential

Program: RURAL EFFICIENCY KITS

Vendor/Implementer: CLEAResult

- This program was approved in the 2015 IPA Electricity Procurement Plan and begins the second year of implementation.
- Contracted energy savings dropped 26% due to CLEAResult's over delivery in PY8.
- Updates to the TRM and the budget remained relatively constant with the Commission-approved values.
- CLEAResult has not spent any budget or achieved any savings during the first quarter.



16-111.5B (IPA) Program Highlights - Residential

Program: MODERATE INCOME KITS

Vendor/Implementer: AM Conservation Group

- This program was approved in the 2015 IPA Electricity Procurement Plan and begins the second year of implementation.
- There were virtually no contract energy savings or budget changes for the second year of implementation in comparison to the Commission-approved values.
- At the end of Q1, AMC has spent 40% of the budget while achieving 40% of the energy savings.



16-111.5B (IPA) Program Highlights - Residential

Program: MULTIFAMILY MAJOR MEASURES

Vendor/Implementer: CLEAResult

- This program was approved in the 2015 IPA Electricity Procurement Plan and begins the second year of implementation.
- With reduction in air sealing and insulation savings, AIC worked with CLEAResult to remodel the program to get it to pass the TRC and as a result contracted energy savings dropped nearly 50% and the budget dropped 30% from the Commission-approved values.
- At the end of the first quarter, no budget has been spent and no energy savings achieved.



16-111.5B (IPA) Program Highlights - Residential

Program: HOME ENERGY REPORTS

Vendor/Implementer: OPower

- As ordered in the Plan 3 Docket, the **electric** portion of this behavior modification program was removed from the 8-103 Portfolio and included in the RFP for the 2015 IPA Electricity Procurement Plan under Sec. 16-111.5B and this begins the second year of implementation.
- There were virtually no contract energy savings or budget changes for the second year of implementation in comparison to the Commission-approved values.
- At the end of the first quarter, OPower has spent 53% of the budget while achieving 37% of the energy savings goal.



16-111.5B (IPA) Program Highlights - Residential

Program: COMMUNITY BASED CFL DISTRIBUTION

Vendor/Implementer: CLEAResult

- This program was approved in the **2016** IPA Electricity Procurement Plan and will be the first year of implementation.
- Contract energy savings and budget remain consistent with Commission-approved values.
- Program to offer CFL kits for distribution in local food banks.
- At the end of the first quarter, zero (0) energy savings have been achieved and neither have any costs been utilized.



16-111.5B (IPA) Program Highlights – Small Business

PROGRAM: SMALL BUSINESS DIRECT INSTALL

Vendor/Implementer: Franklin Energy

- This program was approved in the 2015 IPA Electricity Procurement Plan and begins the second year of implementation.
- Franklin revised their measure mix which resulted in a 27% increase in energy savings and a very slight budget change compared to Commission-approved values.
- Five LED measures have been suspended due to reaching measure maximums.
- At the end of the first quarter, 12% of the energy savings goal have been achieved while utilizing 12% of the budget.



16-111.5B (IPA) Program Highlights – Small Business

Program: REFRIGERATION

Vendor/Implementer: Staples Energy

- This program was approved in the 2015 IPA Electricity Procurement Plan and begins the second year of implementation.
- Staples revised their program for PY9 after their experience in PY8 which drastically reduced the energy savings by more than 50% of the Commission-approved values while the budget was 20% less.
- The vendor is marketing this program as the “Cooler Savings Program” in hopes to generate more progress than last year where less than 30% of the Commission-approved energy savings was achieved.
- At the end of the first quarter, 13% of the energy savings have been achieved, utilizing 13% of the budget.



16-111.5B (IPA) Program Highlights – Small Business

Program: HVAC Check-Up

Vendor/Implementer: Nexant

- This program was approved in the **2016** IPA Electricity Procurement Plan and would have been the first year of implementation.
- When reviewing all programs prior to June 1st Implementation, the TRC analysis for this program was <1.0 . AIC worked with Nexant and made multiple attempts to revise the proposed program to get the program level TRC above 1 but was not successful.
- Ameren Illinois provided notice to the vendor in July that contract negotiations could no longer continue as the program could not be structured in a manner to pass the TRC.



16-111.5B (IPA) Program Highlights – Small Business

Program: HVAC OPTIMIZATION (Public)

Vendor/Implementer: 360 Energy Group

- This program was approved in the **2016** IPA Electricity Procurement Plan and will be the first year of implementation.
- 360 Energy revised their program measure mix which resulted in the contracted energy savings being 10% less than the Commission-approved values while the budget remained the same.
- No budget spent and no savings achieved through the first quarter.



16-111.5B (IPA) Program Highlights – Small Business

Program: HVAC OPTIMIZATION (Private)

Vendor/Implementer: 360 Energy Group

- This program was approved in the **2016** IPA Electricity Procurement Plan and will be the first year of implementation
- 360 Energy revised their program measure mix which resulted in the contracted energy savings being 10% less than the Commission-approved values while the budget remained the same.
- No budget spent and no savings achieved through the first quarter.



16-111.5B (IPA) Program Highlights – Small Business

Program: LIT SIGNAGE

Vendor/Implementer: GDS Associates

- This program was approved in the **2016** IPA Electricity Procurement Plan and will be the first year of implementation.
- GDS revised their program measure mix which resulted in the contracted energy savings increasing slightly more than 50% over the Commission-approved values while the budget remained unchanged.
- At the end of the first quarter, no energy savings have been achieved and no budget spent.





16-111.5B (IPA) Program Highlights – Small Business

Program: DEMAND BASED VENTILATION FAN CONTROLS

Vendor/Implementer: Matrix Energy Services

- This program was approved in the **2016** IPA Electricity Procurement Plan and will be the first year of implementation.
- Matrix revised the program measure mix which resulted in the contracted energy savings being slightly less than the Commission-approved values while the budget remains virtually unchanged.
- No budget spent and no savings achieved during the first quarter.

16-111.5B (IPA) Program Highlights – Small Business

Program: LINEAR LED LIGHTING

Vendor/Implementer: Matrix Energy Services

- This program was approved in the **2016** IPA Electricity Procurement Plan and will be the first year of implementation.
- When reviewing all programs prior to June 1st Implementation, the TRC analysis for this program was <1.0. AIC worked with Matrix to revise their program by reducing cost 6% to get the TRC screening back above 1.
- Savings reductions of 14% were due to changes in the TRM.
- No budget spent and no savings achieved during the first quarter of the program year.



16-111.5B (IPA) Program Highlights – Small Business

Program: Public Facility Engagement

Vendor/Implementer: GDS Associates

- This program was conditionally approved in the **2016** IPA Electricity Procurement Plan and would have been the first year of implementation.
- Once the Department/DCEO received an approved budget from the State of Illinois, AIC began the process to terminate the contract with GDS.
 -
- DCEO is running the program as part of its PY9 EEPS.



16-111.5B (IPA) Program Highlights – Small Business

Program: STEP (public only)

Vendor/Implementer: MEEA

- This program was conditionally approved in the **2016** IPA Electricity Procurement Plan and would have been the first year of implementation.
- Once Department/DCEO received an approved budget from the State of Illinois, AIC began the process to terminate the contract with MEEA.
 -
- DCEO is running the program as part of its PY9 EEPS.





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