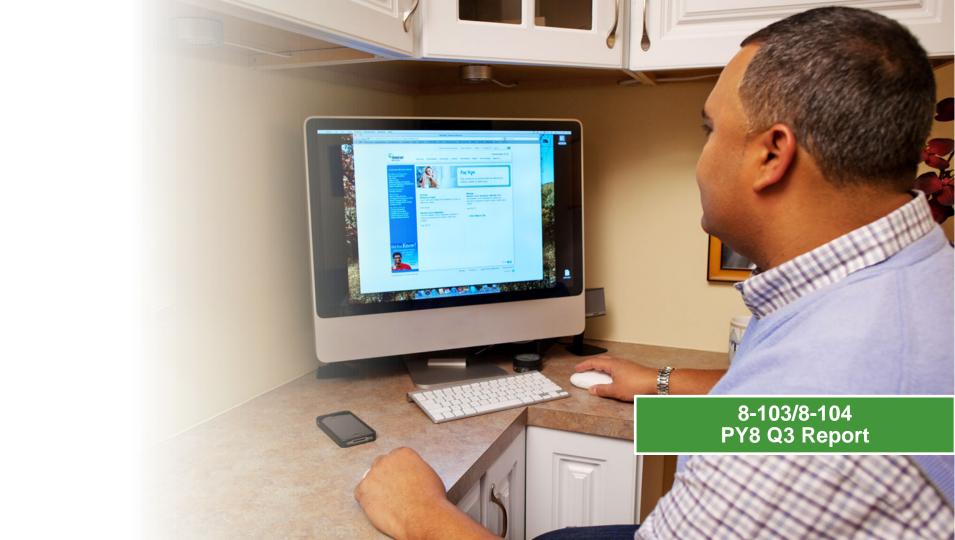
Ameren Illinois Quarterly Report to SAG

PY8 Q3 8-103/8-104 and 16-111.5B (IPA)

Results and Highlights

04.26.16





8-103/8-104: PY8 Adjusted Goal Analysis - Savings

	PY8 Compliance Goal C	PY8 Compliance Goal	PY8 Electric Adjusted Goals	PY8 Gas Adjusted Goals	Electric Variance	Gas Variance	Electric % Variance	Gas % Variance	PY8 NTG and/or TRM V4.0 Adjustment Explanations *
Energy Efficiency	(MWHs)	(Therms)	(MWHs)	(Therms)	variance	variance	variance	variance	Aujustinent Explanations
RES-Appliance	3,702	0	3,535	0	-166	0	-4%	0%	Refrigerator and freezer NTGRs decreased slightly. Updated coefficient values
Recycling	3,702	U	3,333	O	-100	O	-470	070	of savings formula in TRM.
RES-Behavior Mod	0	1,887,500	0	1,887,500	0	0	0%	0%	
RES-ENERGY STAR New	791	25,663	765	32,271	-26	6,608	-3%	26%	
Homes				,		5,555	0,15		Electric NTGRs decreased for Multifamily. Gas NTGRs increased.
RES-HPWES	5,346	768,779	3,956	622 070	-1 300	-146,709	-26%		NTGRs for electric measures generally decreased. NTGRs for gas measures decreased for air sealing and insulation but increased for aerators and
NE3-HFWE3	3,340	700,773	3,330	022,070	-1,330	-140,703	-20/6		showerheads. TRM change - CFL savings decreased with reduction in HOU.
									NTGRs for ROB measures decreased by 5-10%; NTGRs for ER measures
RES-HVAC	4,492	0	4,832	0	340	0	8%	0%	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. Change to ISR in TRM V3.0 increased the savings recognized in PY7, causing a
RES-Lighting	5,841	0	5,272	0	-569	0	-10%		reduction to carryover savings in years PY8 & PY9. Midstream lighting is in IPA
	3,2 .2	Ī	-,	·		Ī		0,-	for PY8 and these savings are stricly carryover from PY7.
RES-Moderate Income	6,604	462,778	5,605	423,505	-999	-39,273	-15%	-8%	TRM changes - CFL savings decreased with reduction in HOU and baseline for
The moderate moonie	0,00 .	.02,770	3,003	.23,303	333	33,273	2570	0,0	ASHP ROB measure changed to 14 SEER from 13 SEER. Electric NTGR generally increased for most measures, offset by a reduction in
RES-Multifamily In-Unit	5,517	112,521	5,179	100,402	-338	-12,119	-6%		HOU for CFLs (TRM change). Gas NTGRs generally remained relatively stable,
, , , , , , , , , , , , , , , , , , , ,	3,3 = 1	,	-,	,		,	• • • • • • • • • • • • • • • • • • • •		except the NTGR value for showerheads decreased significantly.
									Electric or gas NTGRs generally increased with exception of CFLs which
RES-School Kits	388	54,986	331	46,599	-58	-8,387	-15%	-15%	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.
RESIDENTIAL	32,681	3,312,228	29,474	3,112,348	-3,207	-199,880	-10%	-6%	
PROGRAM TOTAL					-	-			Variance is primarily due to facility type changes and TRM adjustment for
DLIC Chandand	05 270	054 007	00.202	050 040	005	F 7C2	10/		HVAC and Lighting measures this increased the savings expected by these
BUS-Standard	85,378	851,087	86,363	856,848	985	5,762	1%	1%	measures. The other major TRM change was on GREMs where the savings
DUIS 0 .	22.544	4 425 426	22.544	4 274 044		406 075	00/		decreased for that measure
BUS-Custom	32,544	1,135,436	32,544	1,271,811		136,375			Business Custom had an increase in the gas program NTGR.
BUS-RCx	17,196	134,629	16,479	128,961	-716 0	-5,669	-4% 0%	-4% 0%	Business RCx had a slight decrease in both the electric and gas NTGR.
BUS-Large C&I BUSINESS PROGRAM	17,480	U	17,480	U	U	U	0%	0%	
TOTAL	152,598	2,121,152	152,867	2,257,620	269	136,468	0%	6%	
AMEREN ILLINOIS	405.370	F 422 270	102.244	E 200 007	2.020	C2 442	20/	40/	
PROGRAM TOTAL	185,278	5,433,379	182,341	5,369,967	-2,938	-63,412	-2%	-1%	

Note: These values may still be affected by any errata identified in the TRM V5.0 update process. * For a complete list of measure changes, reference Illinois Statewide TRM Version 4.0 Table 1.3

8-103-8-104: PY8 Adjusted Goals vs PY8 Implementation Plan Savings

Energy Efficiency	PY8 Electric Adjusted Goals (MWHs) Ad	PY8 Gas justed Goals (Therms)	PY8 Electric Implementation Plan (MWHs)	PY8 Gas Implementation Plan (Therms)	Electric Variance	Gas Variance	Electric % Variance	Gas % Variance	Explanations or +/- 20% variance
RES-Appliance Recycling	3,535	0	3,535	0	0	0	0%	0%	
RES-Behavior Modification	0	1,887,500	0	1,800,000	0	-87,500	0%	-5%	
RES-ENERGY STAR New Homes	765	32,271	565	55,473	-200	23,202	-26%		Adjusted measure mix to reflect a greater proportion of gas heated homes expected compared to filing. This resulted in less electric savings and greater gas savings.
RES-HPWES	3,956	622,070	2,300	401,314	-1,656	-220,756	-42%	-35%	Reduced participation due to higher cost of savings in PY8.
RES-HVAC	4,832	0	4,541	0	-291	0	-6%	0%	
RES-Lighting	5,272	0	6,645	0	1,373	0	26%		Carryover savings higher due to higher lighting sales in PY7.
RES-Moderate Income	5,605	423,505	2,970	500,447	-2,635	76,942	-47%	18%	Reduced volume of Central AC installations resulting in decreased electric savings.
RES-Multifamily In-Unit	5,179	100,402	8,512	162,271	3,333	61,869	64%		ncreased production for building envelope measures resulting in greater electric and gas savings
RES-School Kits	331	46,599	496	69,898	165	23,299	50%	50%	ncreased delivery with minimal budget impact.
RESIDENTIAL PROGRAM TOTAL	29,474	3,112,348	29,564	2,989,403	90	-122,945	0%	-4%	
BUS-Standard	86,363	856,848	65,570	1,396,224	-20,793	539,376	-24%		Anticipated decreased participation in Standard Electric due to multiple IPA programs for small business customers. Greater participation with the Standard Gas steam trap measure than originally forecasted.
BUS-Custom	32,544	1,271,811	80,141	1,215,971	47,597	-55,840	146%	-4%	Greater participation in Custom program from large C&I customers
BUS-RCx	16,479	128,961	9,407	189,627	-7,072	60,666	-43%	47%	ncreased participation in Custom reduced opportunities in RCx for electric. Increased gas savings due to additional customer desires for more Large Facility RCx projects
BUS-Large C&I	17,480	0	0	0	-17,480	0	-100%		No customers signed up for Large C&I offering in PY7, savings shifted to Custom to serve the same target customers
BUSINESS PROGRAM TOTAL	152,867	2,257,620	155,118	2,801,822	2,251	544,202	1%	24%	
AMEREN ILLINOIS PROGRAM TOTAL	182,341	5,369,967	184,682	5,791,225	2,341	421,258	1%	8%	

8-103/8-104: PY8 Adjusted Goals vs PY8 Implementation Plan - Budget

Energy Efficiency	PY8 Electric Plan Budget	PY8 Gas Plan Budget	PY8 Electric Implementation Budget	PY8 Gas Implementation Budget	Electric Variance	Gas Variance	Electric %Variance	Gas %Variance	Explanations or +/- 20% variance
RES-Appliance Recycling	\$ 1,461,234	\$ -	\$ 1,313,763	\$ -	\$ (147,471)	\$ -	-10%	0%	
RES-Behavior Modification	\$ -	\$ 984,375	\$ -	\$ 1,066,390	\$ -	\$ 82,015	0%	8%	
RES-ENERGY STAR New Homes	\$ 655,381	\$ 361,921	\$ 878,089	\$ 371,439	\$ 222,708	\$ 9,518	34%	3%	ncreased funding of electric incentives to achieve electric savings.
RES-HPWES	\$ 4,004,447	\$ 2,177,727	\$ 3,720,589	\$ 1,351,698	\$ (283,858)	\$ (826,029)	-7%	-38%	Fewer participants resulted in less budget needed. Funding reallocated to Moderate ncome program.
RES-HVAC	\$ 2,844,928	\$ -	\$ 2,488,123	\$ -	\$ (356,805)	\$ -	-13%	0%	
RES-Lighting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%	0%	
RES-Moderate Income	\$ 8,375,886	\$ 1,303,887	\$ 6,951,682	\$ 2,128,642	\$ (1,424,204)	\$ 824,755	-17%	63%	More incentive funding allocated to achieve greater gas savings.
RES-Multifamily In-Unit	\$ 1,061,851	\$ 312,752	\$ 2,035,202	\$ 662,529	\$ 973,351	\$ 349,777	92%	112%	Additional funding allocated to this program for building envelope measures.
RES-School Kits	\$ 115,375	\$ 120,175	\$ 115,788	\$ 134,013	\$ 413	\$ 13,838	0%	12%	
RESIDENTIAL PROGRAM TOTAL	\$ 18,519,102	\$ 5,260,837	\$ 17,503,236	\$ 5,714,711	\$ (1,015,866)	\$ 453,874	-5%	9%	
BUS-Standard	\$ 11,274,400	\$ 2,642,285	\$ 10,558,537	\$ 1,955,523	\$ (715,863)	\$ (686,762)	-6%	-26%	Steam Trap projects providing low cost savings while still achieving goal, allowing shifting of budgets to other Business programs.
BUS-Custom	\$ 5,403,637	\$ 1,996,322	\$ 9,006,770	\$ 2,128,312	\$ 3,603,133	\$ 131,990	67%		ncrease in budgets to accommodate large C&I projects
BUS-RCx	\$ 1,875,810	\$ 127,428	\$ 695,318	\$ 522,489	\$ (1,180,492)	\$ 395,061	-63%		Greater demand in custom program required a shift of electric funds. Gas budget increased due to meet demand for Large Facility RCx projects.
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	\$ 20,263,846	\$ 4,766,036	\$ 20,260,625	\$ 4,606,324	\$ (3,221)	\$ (159,712)	0%	-3%	
Ameren Illinois - Portfolio Admin costs	\$ 1,952,771	\$ 504,866	\$ 1,952,771	\$ 504,866	\$ -	\$ -	0%	0%	
Ameren Illinois - EM&V costs	\$ 1,362,399	\$ 352,232	\$ 1,362,399	\$ 352,232	\$ -	\$ -	0%	0%	
Ameren Illinois - Education	\$ 976,386	\$ 252,433	\$ 976,386	\$ 252,433	\$ -	\$ -	0%	0%	
Ameren Illinois - Marketing	\$ 976,386	\$ 252,433	\$ 976,386	\$ 252,433	\$ -	\$ -	0%	0%	
R&D Budget (Emerging Technologies)	\$ 1,362,399	\$ 352,232	\$ 1,362,399	\$ 352,232	\$ -	\$ -	0%	0%	
AMEREN ILLINOIS PROGRAM TOTAL	\$ 45,413,289	\$ 11,741,069	\$ 44,394,201	\$ 12,035,231	\$ (1,019,088)	\$ 294,162	-2%	3%	
DCEO AMEREN ILLLINOIS TOTAL	\$ 15,137,763	\$ 3,913,690	\$ 15,137,763	\$ 3,913,690	\$ -	\$ -	0%	0%	
TOTAL PORTFOLIO	\$ 60,551,052	\$ 15,654,758	\$ 59,531,964	\$ 15,948,921	\$ (1,019,088)	\$ 294,162	-2%	2%	

8-103/8-104: PY8 Implementation Plan vs Actual Q3 Activity - Savings

Energy Efficiency	PY8 Electric Implementation Plan (MWHs)	PY8 Gas Implementation Plan (Therms)	PY8 Electric Actuals * (MWHs)	PY8 Gas Actuals * (Therms)	Electric % Complete	Gas % Complete	Explanations
RES-Appliance Recycling	3,535	o	3,093	0	87%	0%	
RES-Behavior Modification	0	1,800,000	0	1,392,108	0%	77%	
RES-ENERGY STAR New Homes	565	55,473	382	39,535	68%	71%	
RES-HPWES	2,300	401,314	995	112,313	43%	28%	The standard Home Efficiency Program is currently forecasting to be at 63% of the Implementation plan goal.
RES-HVAC	4,541	o	4,462	o	98%	0%	
RES-Lighting	6,645	o	7,465	0	112%	0%	
RES-Moderate Income	2,970	500,447	2,711	364,271	91%	73%	Moderate Income is currently forecasting to be at 157% of the electric Implementation plan goal and 129% of the gas Implementation plan goal.
RES-Multifamily	8,512	162,271	5,370	109,099	63%	67%	Multifamily is currently forecasting to be at 163% of the gas Implementation plan goal.
RES-School Kits	496	69,898	346	41,231	70%	59%	
RESIDENTIAL PROGRAM TOTAL	29,564	2,989,403	24,823	2,058,557	84%	69%	
BUS-Standard	65,570	1,396,224	30,656	1,562,726	47%	112%	Business Standard is currently forecasting to be at 190% of the gas Implementation plan goal.
BUS-Custom	80,141	1,215,971	16,487	294,094	21%	24%	Business Custom is currently forecasting to be at 45% of the gas Implementation plan goal.
BUS-RCx	9,407	189,627	930	0	10%	0%	Business RCx is currently forecasting to be at 190% of the gas Implementation plan goal.
BUS-Large C&I	0	o	0	0	0%	0%	
BUSINESS PROGRAM TOTAL	155,118	2,801,822	48,073	1,856,820	31%	66%	
AMEREN ILLINOIS PROGRAM TOTAL	184,682	5,791,225	72,896	3,915,377	39%	68%	

^{*} All savings values are unevaluated

8-103/8-104: PY8 Implementation Plan vs Actual Q3 Activity - Budget

Energy Efficiency	PY8 Electric Implementation Plan	PY8 Gas Implementation Plan	PY8 Electric Actuals	PY8 Gas Actuals	Electric % Gas % Complete Complet	e Explanations
RES-Appliance Recycling	\$ 1,313,763	\$ -	\$ 1,034,129	\$ -	79%	0%
RES-Behavior Modification	\$ -	\$ 1,066,390	\$ -	\$ 963,462	0% 9)%
RES-ENERGY STAR New Homes	\$ 878,089	\$ 371,439	\$ 546,575	\$ 276,997	62% 7	5%
RES-HPWES	\$ 3,720,589	\$ 1,351,698	\$ 2,003,708	\$ 669,611	. 54% 50	The Standard Home Efficiency Program is currently forecasting to be at 74% of the gas Implementation plan budget.
RES-HVAC	\$ 2,488,123	\$ -	\$ 2,410,120	\$ -	97%	0%
RES-Lighting	\$ -	\$ -	\$ -	\$ -	0%	0%
RES-Moderate Income	\$ 6,951,682	\$ 2,128,642	\$ 5,122,896	\$ 1,904,246	74% 8	9%
RES-Multifamily In-Unit	\$ 2,035,202	\$ 662,529	\$ 1,546,213	\$ 445,119	76% 6	Multifamily is currently forecasting to be at 125% of the electric implementation budget.
RES-School Kits	\$ 115,788	\$ 134,013	\$ 77,755	\$ 88,856	67% 6	5%
RESIDENTIAL PROGRAM TOTAL	\$ 17,503,236	\$ 5,714,711	\$ 12,741,396	\$ 4,348,290	73% 7	5%
BUS-Standard	\$ 10,558,537	\$ 1,955,523	\$ 5,338,394	\$ 1,163,515	51% 5	9%
BUS-Custom	\$ 9,006,770	\$ 2,128,312	\$ 2,641,643	\$ 780,689	29% 3	Business Custom is currently forecasting to be at 63% of the gas implementation plan budget.
BUS-RCx	\$ 695,318	\$ 522,489	\$ 257,177	\$ 114,228		RCx is currently forecasting to be at 141% of the gas implementation budget.
BUS-Large C&I	\$ -	\$ -	\$ -	\$ -	0%	0%
BUSINESS PROGRAM TOTAL	\$ 20,260,625	\$ 4,606,324	\$ 8,237,215	\$ 2,058,432	41% 4	5%
AMEREN ILLINOIS PROGRAM TOTAL	\$ 37,763,861	\$ 10,321,035	\$ 20,978,611	\$ 6,406,722	56% 6.	2%

8-103/8-104: PY8 Q3 New Measures - Residential

8-103/8-104: PY8 Q3 New Measures – Business





 Strong participation with a total of 6,199 units picked up year to date.

80% of annual savings goal has been achieved.

Majority of referrals continue to come from friends and neighbors





Residential HVAC Program Highlights

 ASHP and Blower Motor volume continues to have positive effects on savings and incentives.

Incentives budget reached 105% of annual allotment.

 Incentives for all CAC units (standard and ER) were suspended in February





Residential Behavior Modification Program Highlights

A total of 1,392,108 therms towards the goal of 1,800,000 has resulted in 77% attainment of gas savings.

Savings are on track to achieve 99% of program goal.





- Program has lagged from forecasts currently at 60% of electric and 39% gas savings goals.
- Home shows added to the audit demand with over 500 sign-ups for free audits
- 1,429 audits completed in PY8
- 84 gold and 1,381 silver ENERGY STAR® certificates have been issued to homeowners in this program
- Program Allies are more interested in pushing the more attractive Moderate Income program incentives, drawing demand from HPwES program.



Residential Moderate Income Program Highlights

A new tool to evaluate work scopes was developed requiring approval before presentation to homeowners

Incentives were decreased for A/C and furnace measures in January to reduce the spend rate.

613 gold and 195 silver HPwES certificates have been awarded year to date.







Residential Multifamily Program Highlights

Savings are on track for the year to date with 63% of the electric and 66% of the therm goals attained

7,423 direct install measures total in PY8

Relatively high saturation of CFLs in sockets has reduced this measure's uptake in units



sidential ENERGY STAR® New Homes Program Highlights

- 101 homes were completed this quarter.
- Current pending projects are forecasted to surpass the PY8 goal
- The program is likely to oversubscribe in PY8 and efforts are underway to reduce delivery costs







Residential School Efficiency Kits Program Highlights

 Total kits scheduled and in the works are 7,544 which is 100% of annual goal

School presentations will continue through May

New return postcards have been added to kits for EM&V surveys







 A gas bonus was introduced in January to drive participation for PY9

Several large ADM projects put on hold or moved to PY9

Conducted a series of webinars to help participation for PY8 & PY9





- Both electric and gas Standard programs are forecasted to reach goals for PY8
- Webinar on Data Center Efficiency was held in December
- CFL Incentives are moving to LED incentives





- 14 Retro Commissioning compressed air projects have been submitted year to date.
- 5 Retro Commissioning large facilities projects have been submitted year to date.
- Surveyed Industrial Refrigeration service providers and learned that costs of assessments were barriers to their participation,

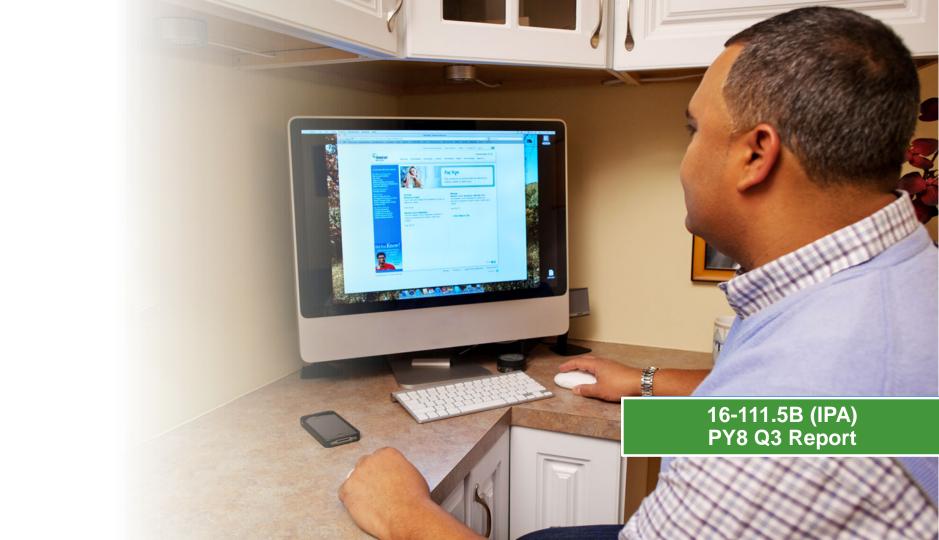




Research into emerging Smart Devices began in January.

 Product vendor letters were sent in February requesting sample devices for testing at the Technical Assistance Center (TAC)





IPA: PY8 Q3 Plan vs Actual – Savings and Budget

IPA Energy Efficiency	IPA Plan Goal (MWHs)	IPA Implementer Budget (\$) **	PY8 Electric Actuals * (MWHs)	PY8 Spend Actuals (\$)	Electric % Complete	Spend % Complete
Rural Efficiency Kits	7,120	\$971,160	5,555	\$757,682	78%	78%
Multifamily	36,334	\$14,395,090	21,956	\$8,831,205	60%	61%
Moderate Income Kits	1,601	\$1,001,310	1,719	\$898,409	107%	90%
Small Business Direct Install	9,933	\$3,029,863	10,089	\$2,961,338	102%	98%
Behavior Modification	37,000	\$1,022,390	29,139	\$976,381	79%	95%
Demand Controlled Vent.	4,984	\$1,006,000	0	\$0	0%	0%
Small Business Refrigeration	15,346	\$3,274,207	1,410	\$265,748	9%	8%
Residential Lighting	45,210	\$9,242,864	34,918	\$5,825,072	77%	63%

^{*} All savings values are unevaluated



^{**} Implementer Budgets do not reflect AIC Administration costs which are being tracked seperately



Program: HOME ENERGY REPORTS

Vendor/Implementer: Opower

 The implementer is almost at 80% of the 37,000 MWh savings goal as the third quarter ends.



Program: MODERATE INCOME KITS
Vendor/Implementer: AM Conservation

- At the end of the third quarter, the implementer has exceeded the annual 1,753 MWhs savings goal.
- At the end of February, there were almost 4,000 customers on the wait list who were mailed postcards explaining the process.
- The IPA 2015 Procurement approved this program for implementation also in PY9.



Program: MULTIFAMILY MAJOR MEASURES
Vendor/Implementer: CLEAResult

- Currently at 86% of the annual MWh goal.
- Multi family pipeline has 550 projects currently in progress.
- Approximately 1,500 applications have been processed PYTD
- The IPA 2015 Procurement approved this program for implementation also in PY9.



Program: RURAL EFFICIENCY KITS

Vendor/Implementer: CLEAResult

- At end of third quarter, the implementer is nearly at 80% of the total 7,120 MWh savings goal.
- The third distribution of 5,603 kits were mailed and invoiced
- A final distribution is scheduled for March
- The IPA 2015 Procurement approved this program for implementation also in PY9.



Program: RESIDENTIAL LIGHTING Vendor/Implementer: CLEAResult

- At the end of the third quarter, 37,148 MWhs have been achieved towards the 45,210 MWh savings goal.
- 2,693,184 bulbs have been invoiced for a YTD cost of \$6,182,635
- Specialty LED unit and savings goals are complete
- Some major retailers announced their exit from the CFL market



Program: SMALL BUSINESS DIRECT INSTALL Vendor/Implementer: Franklin Energy

- Program fully subscribed
- PY8 incentives to be completely delivered by March
- 24 public sector customers participated in the program YTD
- The IPA 2015 Procurement approved this program for implementation also in PY9. In preparation for PY9, Program Ally RFP was issued to contractors in mid February

Program: SMALL BUSINESS REFRIGERATION Vendor/Implementer: Staples Energy

- At the end of the third quarter, the implementer has achieved 14% of the 15,346 MWh savings goals.
- 11 Program Allies have completed a project
- Prospective Program Allies appear busy with other work



Program: DEMAND-CONTROLLED VENTILATION

Vendor/Implementer: Sodexo

- On January 19, 2016, Sodexo advised that it was not able to continue with program implementation.
- Zero savings were achieved.





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