

Ameren Illinois Quarterly Report to SAG

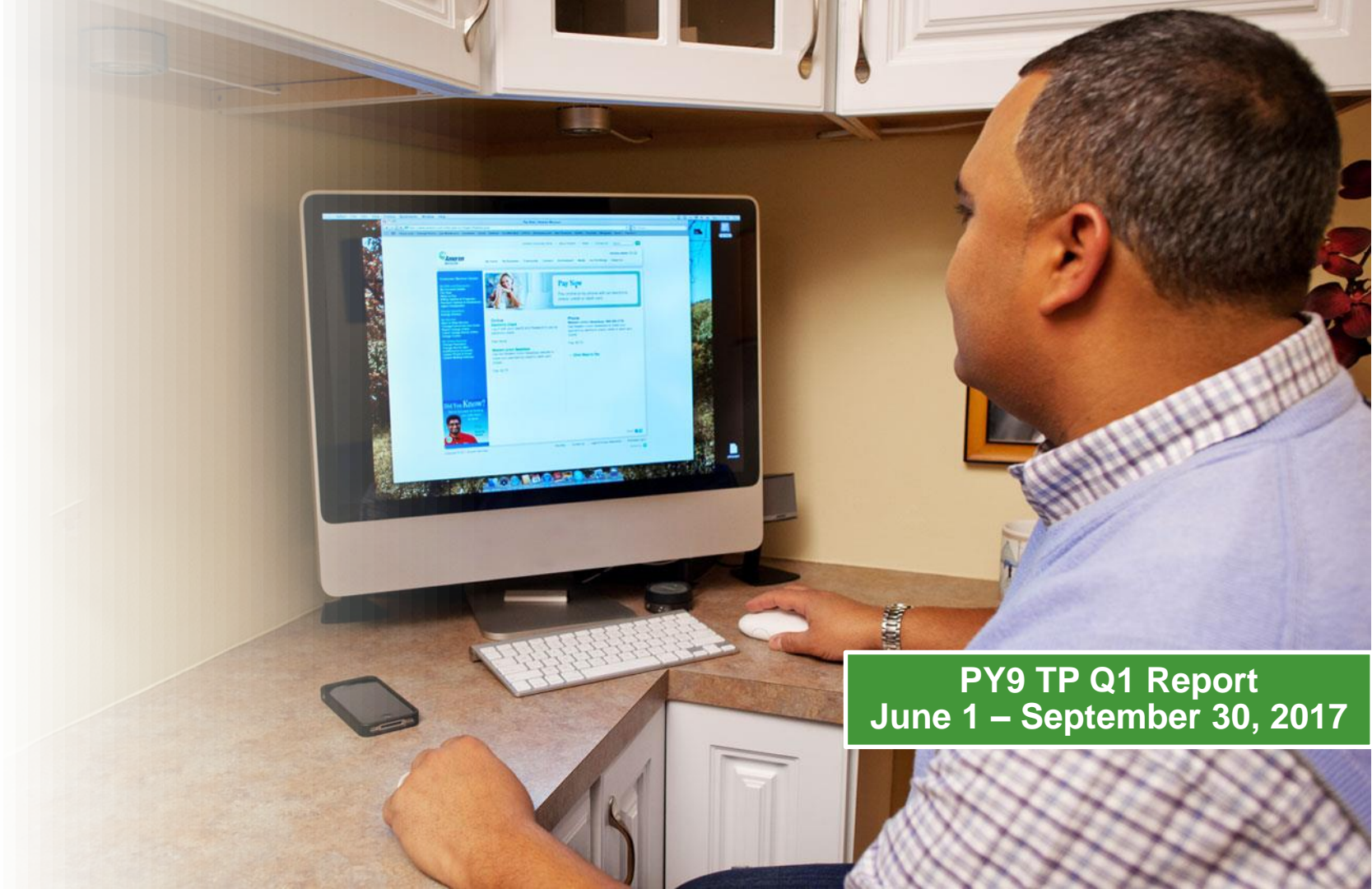
PY9 Transition Period Q1 8-103/8-104

June 1 – September 30, 2017

Results and Highlights

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**PY9 TP Q1 Report
June 1 – September 30, 2017**

8-103/8-104: PY9 Transition Period Adjusted Goal Analysis -

Savings Energy Efficiency	Transition Period Compliance Goal (MWHs)	Transition Period Compliance Goal (Therms)	Transition Period Electric Adjusted Goals (MWHs)	Transition Period Gas Adjusted Goals (Therms)	Electric Variance	Gas Variance	Electric % Variance	Gas % Variance	Transition Period NTG and/or TRM V5.0 Adjustment Explanations *
RES-Appliance Recycling									<p>There is no adjustment for transition period goals due to TRM or NTG changes. The goals were derived from the PY9 adjustable goals and had already accounted for these adjustments.</p>
RES-Behavior Modification									
RES-Energy Star New Homes									
RES-HPwES									
RES-HVAC									
RES-Lighting									
RES-Moderate Income									
RES-Multifamily In-Unit									
RES-School Kits									
RES PROGRAM TOTAL									
BUS-Standard									
BUS-Custom									
BUS-RCx									
BUS-Large C&I									
BUS PROGRAM TOTAL									
AMEREN ILLINOIS PROGRAM TOTAL	77,329	2,634,576	77,329	2,634,576	0	0	0%	0%	

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

	Transition Period Electric Adjusted Goals (MWHs)	Transition Period Gas Adjusted Goals (Therms)	Transition Period Electric Implementation Plan (MWHs)	Transition Period Gas Implementation Plan (Therms)	Electric Variance	Gas Variance	Electric % Variance	Gas % Variance	Explanations or +/- 20% variance
Energy Efficiency									
RES-Appliance Recycling			0	0	0	0	0%	0%	
RES-Behavior Modification			21,900	762,400	21,900	762,400	0%	0%	
RES-Energy Star New Homes			0	0	0	0	0%	0%	
RES-HPwES			0	0	0	0	0%	0%	
RES-HVAC			1,591	111,784	1,591	111,784	0%	0%	
RES-Lighting			23,335	140,162	23,335	140,162	0%	0%	
RES-Moderate Income			1,726	253,500	1,726	253,500	0%	0%	
RES-Multifamily In-Unit			3,429	61,077	3,429	61,077	0%	0%	
RES-School Kits			242	22,754	242	22,754	0%	0%	
RES PROGRAM TOTAL			52,223	1,351,677	52,223	1,351,677	0%	0%	
BUS-Standard			16,900	993,000	16,900	993,000	0%	0%	
BUS-Custom			7,000	386,000	7,000	386,000	0%	0%	
BUS-RCx			1,500	1,000	1,500	1,000	0%	0%	
BUS-Large C&I			0	0	0	0	0%	0%	
BUS PROGRAM TOTAL			25,400	1,380,000	25,400	1,380,000	0%	0%	
AMEREN ILLINOIS PROGRAM TOTAL	77,329	2,634,576	77,623	2,731,677	294	97,101	0%	4%	

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

Energy Efficiency	Transition Period Electric Plan Budget	Transition Period Gas Plan Budget	Transition Period Electric Implementation Budget	Transition Period Gas Implementation Budget	Electric Variance	Gas Variance	Electric %Variance	Gas %Variance	Explanations or +/- 20% variance
RES-Appliance Recycling			\$ 15,500	\$ -	\$ 15,500	\$ -	0%	0%	
RES-Behavior Modification			\$ 618,288	\$ 864,572	\$ 618,288	\$ 864,572	0%	0%	
RES-Energy Star New Homes			\$ -		\$ -	\$ -	0%	0%	
RES-HPwES			\$ -		\$ -	\$ -	0%	0%	
RES-HVAC			\$ 1,078,981	\$ 63,535	\$ 1,078,981	\$ 63,535	0%	0%	
RES-Lighting			\$ 3,053,800	\$ 27,500	\$ 3,053,800	\$ 27,500	0%	0%	
RES-Moderate Income			\$ 5,683,192	\$ 1,670,235	\$ 5,683,192	\$ 1,670,235	0%	0%	
RES-Multifamily In-Unit			\$ 1,422,702	\$ 348,675	\$ 1,422,702	\$ 348,675	0%	0%	
RES-School Kits			\$ 105,832	\$ 41,682	\$ 105,832	\$ 41,682	0%	0%	
RES PROGRAM TOTAL			\$ 11,978,295	\$ 3,016,199	\$ 11,978,295	\$ 3,016,199	0%	0%	
BUS-Standard			\$ 4,174,023	\$ 1,919,798	\$ 4,174,023	\$ 1,919,798	0%	0%	
BUS-Custom			\$ 1,331,122	\$ 1,326,340	\$ 1,331,122	\$ 1,326,340	0%	0%	
BUS-RCx			\$ 206,388	\$ 149,051	\$ 206,388	\$ 149,051	0%	0%	
BUS-Large C&I			\$ -	\$ -	\$ -	\$ -	0%	0%	
BUSINESS PROGRAM TOTAL			\$ 5,711,533	\$ 3,395,189	\$ 5,711,533	\$ 3,395,189	0%	0%	
Ameren Illinois - Portfolio Admin costs			\$ 1,012,563	\$ 342,273	\$ 1,012,563	\$ 342,273	0%	0%	
Ameren Illinois - EM&V costs			\$ 607,538	\$ 68,455	\$ 607,538	\$ 68,455	0%	0%	
Ameren Illinois - Education			\$ 354,397	\$ 119,795	\$ 354,397	\$ 119,795	0%	0%	
Ameren Illinois - Marketing			\$ 354,397	\$ 119,795	\$ 354,397	\$ 119,795	0%	0%	
R&D Budget (Emerging Technologies)			\$ 607,538	\$ 68,455	\$ 607,538	\$ 68,455	0%	0%	
AMEREN ILLINOIS PROGRAM TOTAL	\$ 20,251,262	\$ 6,845,457	\$ 20,626,261	\$ 7,130,161	\$ 374,999	\$ 284,704	2%	4%	
LOW INCOME/PUBLIC SECTOR TOTAL	\$ 6,750,421	\$ 2,281,819	\$ 6,750,421	\$ 2,281,818	\$ (0)	\$ (1)	0%	0%	
TOTAL PORTFOLIO	\$ 27,001,683	\$ 9,127,276	\$ 27,376,682	\$ 9,411,979	\$ 374,999	\$ 284,703	1%	3%	

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

Energy Efficiency	Transition Period	Transition Period	Transition Period	Transition Period	Electric %	Gas %	Explanations
	Electric Implementation Plan (MWHs)	Gas Implementation Plan (Therms)	Electric Actuals * (MWHs)	Gas Actuals * (Therms)	Complete	Complete	
RES-Appliance Recycling	0	0	0	0	0%	0%	
RES-Behavior Modification	21,900	762,400	14,357	127,733	66%	17%	Electric only portion of Behavior Mod ended through the IPA and transition to AIC's 8-103/8-104 portfolio.
RES-ENERGY STAR New Homes	0	0	0	0	0%	0%	
RES-HPwES	0	0	0	0	0%	0%	
RES-HVAC	1,591	111,784	875	26,803	55%	24%	HVAC is forecasting to be at 79% of the gas implementation plan goal.
RES-Lighting	23,335	140,162	5,113	0	22%	0%	Midstream Lighting and Efficient Products ended through the IPA and transitioned to AIC's 8-103/8-104 portfolio.
RES-Moderate Income	1,726	253,500	1,321	211,177	77%	83%	
RES-Multifamily	3,429	61,077	1,930	29,525	56%	48%	Multifamily is forecasting to be at 65% of the gas implementation plan goal.
RES-School Kits	242	22,754	17	1,614	7%	7%	
RESIDENTIAL PROGRAM TOTAL	52,223	1,351,677	23,613	396,851	45%	29%	
BUS-Standard	16,900	993,000	14,075	65,167	83%	7%	Standard is forecasting to be at 148% of the electric Implementation plan goal.
BUS-Custom	7,000	386,000	1,619	317,188	23%	82%	Custom is forecasting to be at 146% of the gas Implementation plan goal.
BUS-RCx	1,500	1,000	0	0	0%	0%	RCx is forecasting to be at 23% of electric Implementation plan goal.
BUS-Large C&I	0	0	0	0	0%	0%	
BUSINESS PROGRAM TOTAL	25,400	1,380,000	15,694	382,355	62%	28%	
AMEREN ILLINOIS PROGRAM TOTAL	77,623	2,731,677	39,307	779,206	51%	29%	
LOW INCOME/PUBLIC SECTOR TOTALS	0	0	2,473	6,854	0%	0%	

*All savings values are unevaluated

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

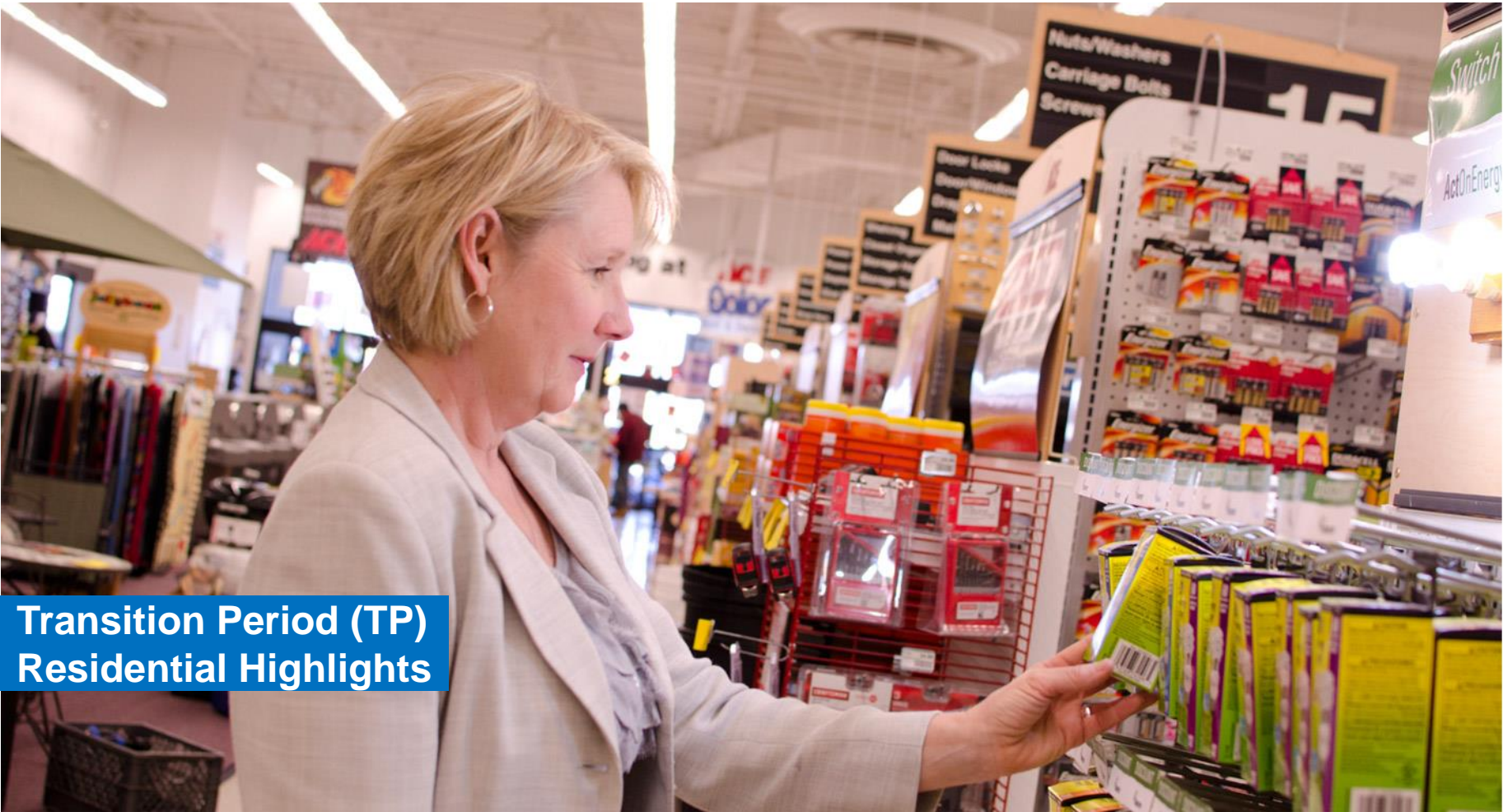
	Transition Period Electric Implementation Plan	Transition Period Gas Implementation Plan	Transition Period Electric Actuals	Transition Period Gas Actuals	Electric % Complete	Gas % Complete	Explanations
Energy Efficiency							
RES-Appliance Recycling	\$ 15,500	\$ -		\$ -	0%	0%	
RES-Behavior Modification	\$ 618,288	\$ 864,572	\$ 495,564	\$ 706,862	80%	82%	
RES-ENERGY STAR New Homes	\$ -			\$ -	0%	0%	
RES-HPwES	\$ -			\$ -	0%	0%	
RES-HVAC	\$ 1,078,981	\$ 63,535	\$ 544,740	\$ 14,333	50%	23%	
RES-Lighting	\$ 3,053,800	\$ 27,500	\$ 785,089	\$ -	26%	0%	
RES-Moderate Income	\$ 5,683,192	\$ 1,670,235	\$ 2,273,623	\$ 1,137,803	40%	68%	
RES-Multifamily In-Unit	\$ 1,422,702	\$ 348,675	\$ 819,007	\$ 170,425	58%	49%	
RES-School Kits	\$ 105,832	\$ 41,682	\$ 33,964	\$ 7,505	32%	18%	
RESIDENTIAL PROGRAM TOTAL	\$ 11,978,295	\$ 3,016,199	\$ 4,951,986	\$ 2,036,928	41%	68%	
BUS-Standard	\$ 4,174,023	\$ 1,919,798	\$ 2,099,206	\$ 521,765	50%	27%	Business Standard forecasting to be at 70% of the gas implementation plan spend.
BUS-Custom	\$ 1,331,122	\$ 1,326,340	\$ 531,176	\$ 540,161	40%	41%	
BUS-RCx	\$ 206,388	\$ 149,051	\$ 81,291	\$ 57,995	39%	39%	
BUS-Large C&I	\$ -	\$ -	\$ -	\$ -	0%	0%	
BUSINESS PROGRAM TOTAL	\$ 5,711,533	\$ 3,395,189	\$ 2,711,674	\$ 1,119,921	47%	33%	
AMEREN ILLINOIS PROGRAM TOTAL	\$ 17,689,828	\$ 6,411,388	\$ 7,663,660	\$ 3,156,849	43%	49%	
LOW INCOME/PUBLIC SECTOR TOTALS	\$ 6,750,421	\$ 2,281,818	\$ 1,205,758	\$ 245,362	18%	11%	

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

Program	Measure Description	TRC	Explanations for TRC < 1
			No New Measures Added

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

Program	Measure Description	TRC	Explanations for TRC < 1
Standard	Steam Trap Monitoring	1.48	



**Transition Period (TP)
Residential Highlights**



Residential **Appliance Recycling** Program Highlights

- Program closed 8/31/2016 and completed its last pick-ups in September 2016.
- Over 75,000 appliances were recycled throughout the 8 years of the program.

Residential HVAC Program Highlights

- ECM projects continue to increase putting pressure on the budget.
- Pool pump applications show continued support.

Residential **Behavior Modification** Program Highlights

- In this quarter, over 127,000 therms were reported resulting in 17% of the gas goal.
- Over 14,000 MWhs were reported resulting in 66% of the electric goal in this quarter of the transition period.



Residential HPwES Program Highlights

- This program closed in August 2016



Residential **Moderate Income** Program Highlights

- Homeowner applications have slowed but program ally applications remain high.
- LED bulbs are now included in direct installs
- ER CAC measures were removed from this program August 31.
- OBF funds have been exhausted and creates concerns for projects moving forward.





Residential **Multifamily** Program Highlights

- For this quarter, nearly 30,000 therms were reported resulting in nearly 50% of the goal being achieved.
- For this quarter, nearly 2,000 MWhs were reported resulting in a little over 55% of goal achievement.
- Completed jobs containing shell measures were less than expected.

Residential ENERGY STAR® New Homes Program Highlights

- This program closed in August 2016.



Residential **School Efficiency Kits** Program Highlights

- Program resumed in September with the beginning of the school year.
- Total kit distribution is expected to be nearly 3,000.



Residential **Lighting** Program Highlights

- Contract executed, laying groundwork for 2018
- Transition Period electric savings goal is 23,335 MWhs
- Transition Period gas savings goal is 140,162 therms
- Forecast increased from ~14,000 MWh in July to nearly 18,000 MWh in August
- At the end of the quarter 22% of the electric goal has been reached



DCEO Low Income Transition Period Activities

- **DCEO Low Income: EE Affordable Housing Construction** - AIC continues to work with all prior approved DCEO EEAHC projects.
- **DCEO Low Income: IHWAP** - AIC continued to provide funding to the DCEO IHWAP program through the transition period.
- **DCEO Low Income: Efficient Living: IL Public Housing Authority** - AIC and the UofI/Kate Brown continued services to AIC territory PHAs through the transition period.
- **DCEO Low Income: Energy Savers/Elevate** - AIC and Elevate continued serving MF customers through the transition period.



**Transition Period (TP)
Business Highlights**

Business Standard Program Highlights

- **Standard** nearly 13,000 net MWh for applications received 6/1/17 thru 9/30/17
- **Private:** AIC continued to offer all private sector customers (electric and natural gas) a wide variety of ‘standard’ measures, including but not limited to:
 - Lighting – 7,613 net MWh received
 - Instant Incentives for Lighting – 3,208 net MWh received
 - Heating/AC & Water Heaters
 - Specialty Equipment
 - Water-Saving Devices
 - Process Steam & Steam Traps
 - Variable Frequency Drives – 1,498 net MWh received
 - Leak Survey and Repair
 - New Construction



Business Standard Program Highlights

- **Public:** AIC welcomed and transitioned all former DCEO Public Sector customers (electric and natural gas) to the AIC EE programs by offering all 'standard' measures (shown on previous slide), plus offered an **additional 15% 'bonus' to Public Sector customers who completed a project during the Transition Period**
- <https://amerenillinoissavings.com/for-my-business/public-sector>
- Who's Eligible?
 - Federal, State, County and Municipal Facilities
 - Public Universities and Community Colleges
 - Public School Districts
 - Park Districts
 - Public Convention Centers and Arenas
 - Municipality-Owned Street Lighting
 - Other Public Facilities



Business Standard Program Highlights

- **Boiler Tune-Ups** offered through the Standard Program
- Incentive (per kBTU/hr): Space Heating \$1, Process \$2
 - <https://amerenillinoisavings.com/portals/0/business/forms/pytr-hvac.pdf>
- **Green Nozzle** offerings through Standard, Water-Saving Devices
 - Green Nozzles for Commercial Kitchens
 - <https://amerenillinoisavings.com/greennozzle>
 - The energy-efficient green pre-rinse nozzle uses 75% less hot water than traditional spray nozzles while maintaining the same water pressure for quality cleaning.



Business Standard Program Highlights

- **STEP** measures through Standard
 - AIC offered in conjunction with MEEA during the Transition Period the ‘STEP’ (Savings Through Efficient Products) initiative for Public Sector customers through the ‘Standard’ program
 - Free easy to install EE products like: lamps, LED exit signs, faucet aerators, occupancy sensors, vending controls, etc.
- **Small Business Direct Install**
 - AIC will offer a SBDI initiative in 2018, but began the planning and RFP process in Q1 of the PY9 Transition Period.



Business Retro-Commissioning (RCx) Program Highlights

- **Public Sector:**

- AIC welcomed and transitioned all former DCEO Public Sector customers (electric and natural gas) to the AIC EE programs by offering all ‘RCx’ measures, plus offered an **additional 15% ‘bonus’ to Public Sector customers who completed a project during the Transition Period**
- AIC contracted with SEDAC to complete numerous assessments started prior to and during the TP, and worked closely together to educate the PS of AIC’s RCx offerings for compressed air and large facilities

- **Private Sector:**

- 4 new stipend Large Facility RCx applications received during Q1 of the TP



Business: PY9 Large Electric Customer Impact

- Following FEJA requirements, 10 MW Exempt Customers no longer participating in the Ameren Illinois Energy Efficiency Programs as of 5/31/17.
- Customer and Program Allies received education and training regarding customer/account eligibility. Examples of concerns addressed:
 - Some Exempt Customers may still have facilities with smaller service points that are eligible
 - QA/QC procedures affectively tracking customer eligibility in spite of Program Ally confusion.
- 7,000,000 net kWh submitted by customers that will most likely no longer be eligible in 2018 as they will be over 10MW
 - Over 25% of entire savings goal



Business: PY9 Transition Period Large Gas Customer Impact

- SDC-eligible customers submitted over 900,000 net therms during the first quarter of the Transition Period
- Total Business Programs Gas Goal 1,380,000 therms
- Continue to work with Top 500 gas customers to increase participation



Plan 3 Data Center Highlights

- Working with large hospital data center project during Plan 3 to use as example for other corporate-wide data centers in Ameren Illinois territory
- Loss of 10MW Exempt Customers eliminated several large data centers from potential future participants
- Discussion with Johnson Controls regarding potential data center project (August 2017)
- Discussion with hospital in East Central Illinois regarding upgrade of most computers to ENERGY STAR® models



2017 SYMPOSIUM | BUSINESS PROGRAM

- June 7, 2017 in Springfield (Crowne Plaza)
- By the Numbers:
 - 538 business customers
 - 21% public sector facilities
 - 117 exhibitor personnel
 - 5,000 sqft of exhibit space
 - 20 event staff
 - 20 speakers
- 2018 Event: Oct. 24, 2018 in Springfield





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