



Energy Efficiency Portfolio Report March - May 2013

Prepared for
ILLINOIS COMMERCE COMMISSION

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Background

Per 220 ILCS 5/8-104, Sec. 8-104(f)(8), the Ameren Illinois Corporation (AIC) is required to “provide for quarterly status reports tracking implementation of and expenditures for the utility's portfolio of measures and the Department's portfolio of measures...”. AIC provides the attached activity reports to satisfy this requirement.¹ AIC also routinely reports and presents portfolio activity to the Illinois Stakeholder Advisory Group (also known as SAG) of which Staff is a participant.

Per 220 ILCS 5/8-104, Sec. 8-103, (Docket #07-0539), AIC started providing an electric energy efficiency portfolio in June 2008. Per 220 ILCS 5/8-104, Sec. 8-104 and Docket #10-0568, AIC started providing a combined portfolio of gas and electric energy efficiency measures beginning in June 2011. This activity report reflects the fourth quarter of the fifth year AIC has been providing energy efficiency measures, which is referred to as PY5. The first three years of energy efficiency is referred to as Plan 1, while the second three year cycle is referred to as Plan 2 (Docket #10-0568). This report reflects the fourth quarter of PY5 activity, the second year of Plan 2.

AIC uses a prime implementer model for the portfolio's provision of services. Conservation Services Group (known as CSG) is the implementer for the residential portfolio and Services Applications International Corporation (known as SAIC) implements the business portfolio. These implementers provide both the gas and electric portfolio of services in an integrated manner.

The evaluators for Plan 1, who determine the portfolio's annual savings, were The Cadmus Group and Opinion Dynamics Corporation. In collaboration with Staff, these same evaluators evaluate the Plan 2 savings achievement. Staff attends AIC's routine meetings with the evaluators, is copied on communication with evaluators and per the Plan order, the evaluation work plans are developed with agreement from Staff.

As referenced, this gas portfolio reporting obligation pertains to the gas energy efficiency portfolio. However, AIC operates an integrated portfolio of gas and electric measures resulting in a summary report containing information about measures impacting both fuels. Further detail on AIC's energy efficiency portfolio and its programs can be found in the AIC's Plan 2 filing (Docket #10-0568). Additional detail on all programs can also be found at **actonenergy.com** and the Illinois Stakeholder Advisory Group web site (ilsag.org).

As presented in the attached activity report, the gas & electric energy efficiency programs are as follows:

¹ Even though the legislation and the reporting requirement only pertains to the gas portfolio, AIC is also providing a summary and activity reports for the electric portfolio due to AIC operating an integrated portfolio.

Residential Portfolio:

- Residential Lighting
- Appliance Recycling
- Residential Energy Efficient Products
- New HVAC Equipment
- Home Energy Performance
- Energy Star New Homes
- Multi-Family
- Behavior Modification
- Moderate Income

Business Portfolio:

- Standard
- Custom
- Retro-Commissioning

Fourth Quarter Activity (Q4)

March 1, 2013 – May 31, 2013

With this being the fifth year of the portfolio, most programs are focused on expansion and enhancement as opposed to start up activities. Following is a brief explanation of per program activity:

Residential Lighting

The Residential Lighting program provides incentives to the manufacturing and retail partners to increase sales of qualified lighting. Through these upstream and midstream incentives, the end user receives a discount on the price of highly efficient ENERGY STAR or better, qualified lighting products. This program is in its fifth year.

Key Activities and Key Concerns this quarter:

- Lighting reached its year end savings goal and reported a total of 2,667,111 bulbs sold this program year.
- Specialty bulbs as a percentage of total bulbs invoiced remained strong and resulted in 13% at the end of the year.
- New signage is complete and will be put into stores in PY6.

Appliance Recycling

The Appliance Recycling program provides residential and small business customers free pick-up of eligible equipment (inefficient refrigerators, freezers, and window a/c units) and an incentive for each appliance turned in to the program. This program is in its fifth year.

Key Activities and Key Concerns this quarter:

- May was a strong finishing month for the program with 823 units recycled; however, the program fell short of its annual goal by 1000 units. At the end of the fourth quarter the program has achieved 6,067 MWhs of its annual goal of 6,685 MWhs (90.7%).
- The retailer program produced 27 units in the fourth quarter.
- Sixty thousand postcards were mailed in mid-May. Print ads in newspapers throughout downstate Illinois as well as retail POP at select Sears stores and small retailers were used for marketing this quarter.

Residential Energy Efficient Products (REEP)

This program provides rebates for products such as ENERGY STAR high-efficiency water heaters, thermostats, and smart power strips. This program is in its second year.

Key Activities and Key Concerns this quarter:

- The annual savings goal for the electric REEP was exceeded coming in at 120% (1,164 MWhs) while staying right on target with incentive dollars.
- The annual gas goal was exceeded and came in at 134% (105,841 therms) but also exceeded the budgeted incentive dollars primarily due to high uptake of heat pump water heaters.
- As has been the trend, both electric heat and gas heat thermostat rebates were overachievers at 113% and 137% of the annual goal.

New HVAC

This program consists of retrofit and replacement upgrades for air conditioners, heat pumps, and heating and cooling systems, achieving both gas and electric energy savings. This program is in its fourth year.

Key Activities and Key Concerns this quarter:

- The results for this program were below targets – reaching 88% of the annual electric goal and 69% for the annual gas goal. Fourth quarter results were improved over previous quarters but not enough to reach the 6,089 MWh and 1,393,865 therm goals.
- The combined HVAC program had a total of 3,337 incentive applications for the fourth quarter. The breakdown per program was 1,922 gas measure incentive applications and 1,415 electric measure incentive applications.

- The program currently has 885 total allies, of which 533 are active allies. Active represents those who have submitted an incentive application within the past 12 months. A total of 131 new program allies were added to this program for PY5.

Behavior Modification

Home Energy Reports provide customers with a profile of their energy use, energy efficiency tips, portfolio program information, and a comparison of their energy usage to their “neighbors”; encouraging reduced energy use, achieving both gas and electric energy savings. AIC typically targets this program primarily to dual fuel customers. This program is in its third full year.

Key Activities and Key Concerns this quarter:

- At the end of the program year therm savings are reported at 136% (1,310,551 therms) of goal for the year achieving its year-end gas goal of 968,740 therms.
- The electric savings are reported at 72% (28,628 MWhs) of savings goal at the end of the program year.

Home Energy Performance

Home Energy Performance (HEP) includes a home energy audit, direct install measures (CFLs, energy saving faucet aerators and shower heads), and follow up sealing and insulation measures, achieving both gas and electric energy savings. This program is migrating towards becoming ENERGY STAR in Y6 with goals of collaborating with a statewide framework for program design. This program is in its fifth year.

Key Activities and Key Concerns this quarter:

- The HEP program achieved 97% of its electric savings goal and 145% of its gas savings goal.
- A total of 2,942 audits were completed in PY5, along with 2,102 projects, and 225 full QA job-inspections.
- 463 audits were completed this quarter along with 146 completed projects. There were also 35 quality assurance audits conducted during the fourth quarter.
- In PY5 90 homes qualified for an IHPwES silver certificate and 5 homes qualified for the IHPwES gold certificate.

- In the fourth quarter 1 home in AOE programs qualified for an IHPwES Gold certificate. 16 IHPwES Silver certificates were awarded to homes serviced by the AOE programs.
- MEEA personnel attended contractor trainings this quarter in an effort to instruct contractors on the requirements for HPwES standards.

Multifamily

This program provides owners of multifamily buildings measures for apartments (in-unit program) and common area lighting, exit signs, in addition to walk-through audits and incentives for complex measures, achieving both gas and electric energy savings. This program is in its fifth year.

Key Activities and Key Concerns this quarter:

- The electric saving goal reached 118% (15,674 MWhs) of its goal. Gas savings for the program fell short of its goals reaching 81% (208,099 therms).
- Direct Install projects had an increase of 90% in electric apartments and 33% in gas apartments over PY4. This equated to an additional 33,709 bulbs and 20,303 aerators over PY4.
- The In-Unit portion of the program served 3,069 units in the fourth quarter for a total of 10,749 units in PY5.
- 482 Major Measures projects were completed in PY5.

Energy Star New Homes

This program targets builders with a package of training, technical and marketing assistance, and incentives for construction of ENERGY STAR homes, achieving both gas and electric energy savings. A HERS test and rating is required for the program ally to receive an incentive. This program is in its fourth year.

Key Activities and Key Concerns this quarter:

- The program surpassed the annual production goal by 12% (160 projects completed) and the annual gas savings goal by 9% (10,964 therms saved); however, only 86% (352 MWhs) of the annual electric goal was achieved.

- The program had a slow fourth quarter largely due to seasonal swings in construction. Over 70 new projects were enrolled in the last quarter which should provide a pipeline of pending homes greater than half of the PY6 goal.
- The New Homes program invited Daran Wastchak, who is by all accounts the most prolific HERS rater in the nation for the last 20 years, to conduct a two-day seminar on Energy Star Version 3 directed to builders, raters, and HVAC contractors. The Springfield Home Builders Association hosted the event at their facility.

Moderate Income/Warm Neighbors

This program partners with a non-profit organization which identifies qualified moderate income households and provides higher incentives for energy efficiency improvements and retrofits, achieving both gas and electric energy savings. This program is in its second year.

Key Activities and Key Concerns this quarter:

- The Moderate Income program performed 78 audits in the fourth quarter. Retrofit projects in the third quarter numbered 75.
- A total of 258 audits were completed in PY5 and a total of 251 homes were retrofitted in PY5 achieving the annual production goal.
- For PY5 the program had 16 gold and 13 silver Illinois Home Performance with Energy Star certificates awarded.

Business Portfolio

Following is a brief description of the Business portfolio programs. These programs are in their fifth year.

- Standard: Incentivizes customers to purchase energy efficient measures with predetermined savings values and fixed incentive levels, achieving both gas and electric energy savings. Examples of measures include process steam, water heaters, furnaces, boilers, water heaters, seasonal HVAC and chiller tune-ups, steam trap repair, VFDs for HVAC applications, various commercial kitchen appliances, plus stock waterers, heat exchangers, and heat reclaimers in the agriculture segment.
- Custom: Applies to energy efficient measures that do not fall into the Standard Incentive program. These projects normally are complex and unique, requiring incentive applications and calculations of estimated energy savings, achieving both gas and electric energy savings. Custom gas related measures may include heat recovery options (flue gas heat exchangers, de-super-heater heat exchangers, exhaust air heat exchangers, compressed air heat exchangers, process heat exchangers and grain drying heat exchangers), as well as shell measures including windows, doors, infiltration reduction, roof and wall insulation.
- Retro-Commissioning: Provides options and incentives for businesses to improve operations and maintenance practices for buildings, systems, and processes, achieving both gas and electric energy savings.

During Plan 1 the gas energy efficiency program was limited to residential and small business customers. Beginning in PY4 all commercial and industrial customers were eligible to participate in the gas programs.

Key Activities and Key Concerns this quarter:

- The business program has surpassed its annual goal for both the electric and gas portfolios. Electric savings for the business portfolio reached 117% of goal while remaining below the budget. Gas savings for the business portfolio reached 141% and also remained below the budget.
- Standard projects achieved 60% of the electric savings, Custom projects achieved 30% of the electric savings and Retro-Commissioning achieved 10% of the electric savings. Initial results indicate that a total of 148,292,840 kWhs were saved.
- Standard projects achieved 60% of the gas savings, Custom projects achieved 28% of the gas savings and Retro-Commissioning achieved 12% of the gas savings. Initial results indicate that a total of a total of 2,676,776 therms were saved.
- There has been a steady increase in electric program participation by top 100 customers over the last 5 years. The annual review shows that 52% participated in ActOnEnergy programs in PY5 with 112,593,558 kWhs saved. Top 100 gas customer (excluding self-direct customers) participation in the programs was at a 9% level with 2,446,778 therms saved for PY5.
- A total of 13,176 light kits were distributed to customers who responded to the offer. The light kit options included 6 CFLs or 3 CFLs and 3 LEDs.
- ActOnEnergy Business Symposiums were held in East Peoria on May 21 and in Collinsville on May 22. 531 business customers registered for the events and 401 attended the sessions. Each attendee received a 15% coupon which must be submitted along with a project application by Oct. 31, 2013.

Attachment: Activity Reports

Ameren Illinois Gas Energy Efficiency Portfolio
Key Indicator Report
Program Year 5
June 1, 2012 through May 31, 2012

Overall Portfolio			
	Cumulative PYTD	Goal	% PYTD
Energy Savings (therms)			
Total	6,131,773	4,355,658	141%
Portfolio Cost			
Total	\$ 11,875,971	\$ 14,173,363	84%

Residential Programs			
	Cumulative PYTD	Goal	% PYTD
Energy Savings (therms)			
Total	3,454,993	2,751,265	126%
Program Cost			
Total	\$ 7,633,706	\$ 7,774,738	98%

Business Programs			
	Cumulative PYTD	Goal	% PYTD
Energy Savings (therms)			
Total	2,676,780	1,572,769	170%
Program Cost			
Total	\$ 3,587,208	\$ 5,297,538	68%

Other Portfolio Costs			
	Cumulative PYTD	Goal	% PYTD
Energy Savings (therms)			
Total	NA	NA	NA
Other Costs			
Total	\$ 655,057	\$ 1,101,087	59%

Notes: Goals for Residential and Business Programs are based on the AIC Plan.
 Energy Savings are based on PY3 EMV values.
 Cumulative figures include pending projects.
 The above does not include DCEO.
 PYTD = Program Year To Date

Residential Programs					
Energy Savings (therms)					
Programs	Actual PYTD	Pending	Cumulative PYTD	Goal	% PYTD
Energy Efficient Products	105,841	0	105,841	463,622	23%
New HVAC Equipment	969,679	0	969,679	1,147,316	85%
Home Energy Performance	714,454	0	714,454	103,916	688%
Energy Star New Homes	11,669	0	11,669	14,268	82%
Multi-Family	208,099	0	208,099	290,831	72%
Behavior Modification	1,310,551	0	1,310,551	664,517	197%
Moderate Income	134,700	0	134,700	66,795	202%
Total	3,454,993	0	3,454,993	2,751,265	126%
Program Cost					
Programs	Actual PYTD	Pending	Cumulative PYTD	Budget	% PYTD
Energy Efficient Products	\$ 250,993	\$ -	\$ 250,993	\$ 238,125	105%
New HVAC Equipment	\$ 1,787,425	\$ -	\$ 1,787,425	\$ 2,679,246	67%
Home Energy Performance	\$ 3,182,061	\$ -	\$ 3,182,061	\$ 2,376,917	134%
Energy Star New Homes	\$ 90,182	\$ -	\$ 90,182	\$ 91,742	98%
Multi-Family	\$ 704,219	\$ -	\$ 704,219	\$ 900,852	78%
Behavior Modification	\$ 1,026,000	\$ -	\$ 1,026,000	\$ 1,026,000	100%
Moderate Income	\$ 592,826	\$ -	\$ 592,826	\$ 461,856	128%
Total	\$ 7,633,706	\$ -	\$ 7,633,706	\$ 7,774,738	98%

Business Programs					
Energy Savings (therms)					
Programs	Actual PYTD	Pending	Cumulative PYTD	Goal	% PYTD
Standard	266,144	1,348,245	1,614,389	1,306,813	124%
Custom	260,695	470,875	731,570	260,954	280%
Retro-Commissioning	0	330,821	330,821	5,002	6614%
Total	526,839	2,149,941	2,676,780	1,572,769	170%
Program Cost					
Programs	Actual PYTD	Pending	Cumulative PYTD	Budget	% PYTD
Standard	\$ 1,127,398	\$ 447,859	\$ 1,575,257	\$ 2,743,791	57%
Custom	\$ 813,941	\$ 559,860	\$ 1,373,801	\$ 2,316,745	59%
Retro-Commissioning	\$ 191,542	\$ 446,608	\$ 638,150	\$ 237,002	269%
Total	\$ 2,132,881	\$ 1,454,327	\$ 3,587,208	\$ 5,297,538	68%

Other Portfolio Costs/Savings			
Portfolio Cost			
Programs	Cumulative PYTD	Budget/Goal	% PYTD
Portfolio Administration	\$ 478,480	\$ 514,886	93%
Marketing and Education	\$ 92,726	\$ 161,000	58%
Evaluation, Measurement & Verification	\$ 83,851	\$ 425,201	20%
Discretionary Savings Margin - Therm Goal	\$ -	\$ 31,624	0%
Total	\$ 655,057	\$ 1,101,087	59%

DCEO *			
Energy Savings (therms)			
Programs	Cumulative PYTD	Goal	% PYTD
Total	0	0	0%
Program Cost			
Programs	Cumulative	Budget	% PYTD
Public Sector	\$ -	\$ -	0%
Low Income	\$ -	\$ -	0%
Market Transformation and SEDAC	\$ -	\$ -	0%
Other	\$ 4,459,619	\$ -	0%
Total	\$ 4,459,619	\$ -	0%

* As reported by DCEO, NOT included in the Overall Portfolio shown above

Ameren Illinois Electric Energy Efficiency Portfolio
Key Indicator Report
Program Year 5
June 1, 2012 through May 31, 2013

Overall Portfolio			
	Cumulative PYTD	Goal	% PYTD
Energy Savings (MWH)			
Total	326,393	245,871	133%
Portfolio Cost			
Total	\$ 37,022,142	\$ 44,748,377	83%

Residential Programs			
	Cumulative PYTD	Goal	% PYTD
Energy Savings (MWH)			
Total	177,417	139,895	127%
Program Cost			
Total	\$ 17,547,841	\$ 20,048,376	88%

Business Programs			
	Cumulative PYTD	Goal	% PYTD
Energy Savings (MWH)			
Total	148,976	105,457	141%
Program Cost			
Total	\$ 17,723,254	\$ 21,769,389	81%

Other Portfolio Costs			
	Cumulative PYTD	Goal	% PYTD
Energy Savings (MWH)			
Total	NA	NA	NA
Other Costs			
Total	\$ 1,751,047	\$ 2,930,612	60%

Notes: Goals for Residential and Business Programs are based on the AIC Plan.
 Energy Savings are based on PY3 EMV values.
 Cumulative figures include pending projects.
 The above does not include DCEO or Volt/VAR.
 PYTD = Program Year To Date

Residential Programs					
Energy Savings (MWH)					
Programs	Actual PYTD	Pending	Cumulative PYTD	Goal	% PYTD
Lighting	111,317	4,144	115,461	61,974	186%
Energy Efficient Products	1,164	0	1,164	11,999	10%
New HVAC Equipment	5,381	0	5,381	14,187	38%
Appliance Recycling	6,067	0	6,067	20,070	30%
Home Energy Performance	4,163	0	4,163	2,665	156%
Energy Star New Homes	303	0	303	304	100%
Multi-Family	15,682	0	15,682	5,217	301%
Behavior Modification	28,628	0	28,628	21,705	132%
Moderate Income	568	0	568	1,774	32%
Total	173,273	4,144	177,417	139,895	127%
Program Cost					
Programs	Actual PYTD	Pending	Cumulative PYTD	Budget	% PYTD
Lighting	\$ 4,421,402	\$ 166,132	\$ 4,587,534	\$ 4,958,833	93%
Energy Efficient Products	\$ 286,801	\$ -	\$ 286,801	\$ 324,247	88%
New HVAC Equipment	\$ 2,815,149	\$ -	\$ 2,815,149	\$ 3,171,283	89%
Appliance Recycling	\$ 2,091,347	\$ -	\$ 2,091,347	\$ 2,312,792	90%
Home Energy Performance	\$ 3,140,173	\$ -	\$ 3,140,173	\$ 3,433,201	91%
Energy Star New Homes	\$ 237,603	\$ -	\$ 237,603	\$ 368,272	65%
Multi-Family	\$ 2,803,074	\$ -	\$ 2,803,074	\$ 2,553,549	110%
Behavior Modification	\$ 1,026,000	\$ -	\$ 1,026,000	\$ 1,026,000	100%
Moderate Income	\$ 560,160	\$ -	\$ 560,160	\$ 705,241	79%
CSG Admin	\$ -	\$ -	\$ -	\$ 1,194,958	NA
Total	\$ 17,381,709	\$ 166,132	\$ 17,547,841	\$ 20,048,376	88%

Business Programs					
Energy Savings (MWH)					
Programs	Actual PYTD	Pending	Cumulative PYTD	Goal	% PYTD
Standard	66,723	22,522	89,245	40,648	220%
Custom	18,596	26,795	45,391	61,613	74%
Retro-Commissioning	1,908	12,432	14,340	3,196	449%
Total	87,227	61,749	148,976	105,457	141%
Program Cost					
Programs	Actual PYTD	Pending	Cumulative PYTD	Budget	% PYTD
Standard	\$ 9,154,621	\$ 1,968,956	\$ 11,123,577	\$ 11,253,275	99%
Custom	\$ 2,764,136	\$ 2,332,540	\$ 5,096,676	\$ 8,977,832	57%
Retro-Commissioning	\$ 724,505	\$ 778,496	\$ 1,503,001	\$ 1,538,282	98%
Total	\$ 12,643,262	\$ 5,079,992	\$ 17,723,254	\$ 21,769,389	81%

Other Portfolio Costs/Savings			
Portfolio Cost			
Programs	Cumulative PYTD	Budget/Goal	% PYTD
Portfolio Administration	\$ 1,054,242	\$ 1,160,009	91%
Marketing and Education	\$ 279,155	\$ 464,000	60%
Evaluation, Measurement & Verification	\$ 417,650	\$ 1,306,603	32%
Discretionary Funding Margin-MWH Goal		519	0%
Total	\$ 1,751,047	\$ 2,930,612	60%

Demand Response *			
Energy Savings (MW)			
Programs	Actual MW	Goal	Achieved
Volt/VAR	0.00	4.19	0%
Program Cost			
Programs	Actual	Budget	Achieved
Volt/VAR	\$ -	\$ -	0%

* NOT included in the Overall Portfolio shown above

DCEO *			
Energy Savings (MWH)			
Programs	Cumulative PYTD	Goal	% PYTD
Total	0	0	0%
Program Cost			
Programs	Cumulative	Budget	Achieved PYTD
Public Sector	\$ -	\$ -	0
Low Income	\$ -	\$ -	0
Market Transformation and SEDAC	\$ -	\$ -	0
Other	\$ 12,613,520	\$ -	0
Total	\$ 12,613,520	\$ -	0

* As reported by DCEO, NOT included in the Overall Portfolio shown above