

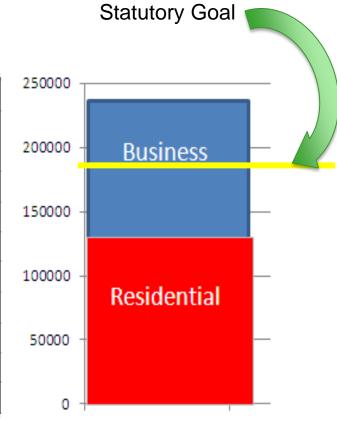
# **Program Year 3: Third Quarter Update**



# PY3 – 3RD QUARTER UPDATE

# ✓ On track to achieve goals

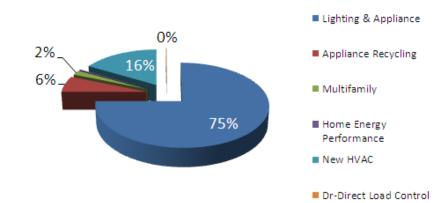
OVERALL EE/DR PORTFOLIO						
Indicator	Actual PYTD	Goal PY10	% Achieved PY10			
ENERGY SAVINGS (MWH)						
Actual	162,958					
Pending	79,963					
Total	242,921	190,853	127.28%			
AIU TOTAL INCENTIVE BUDGET						
Actual	\$11,809,340					
Pending	\$ 6,521,963					
Total	\$18,331,303	\$ 19,860,238	92.30%			





## **PY3 – 3RD QUARTER - RESIDENTIAL PORTFOLIO**

 Lighting represents majority of savings followed by New HVAC and Appliance Recycling

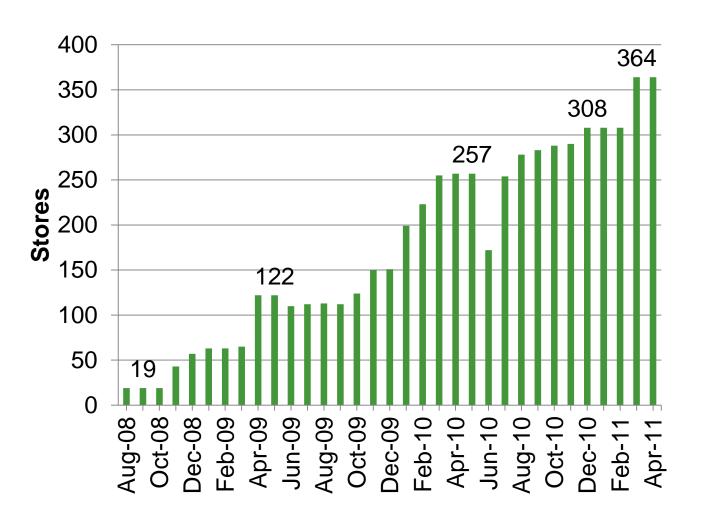


Residential Portfolio Energy Savings	Net MWh Actual PYTD	Net MWh Goal PY#3	% Achieved	% Portfolio		
Lighting & Appliance	101,317	95,478	106.12%	75%		
Appliance Recycling	8,610	13,868	62.09%	6%		
Multifamily	2,442	3,196	76.41%	2%		
Home Energy Performance	543	1,297	41.87%	0%		
New HVAC	22,098	14,634	151.00%	16%		
Dr-Direct Load Control	179	891	20.09%	0%		
Energy Star New Homes	56	68	<del>82.35</del> %	0%		
Total	135,245	129,432	104.49%	100%		
*Includes 10,232 of Pending Project Savings						



## PY3 - ENERGY EFFICIENT LIGHTING - RETAILERS 2008 -2011



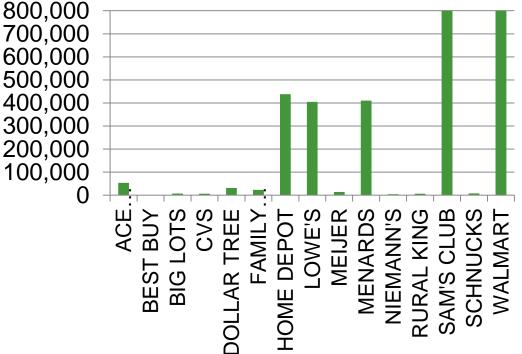




## PY3 – ENERGY EFFICIENT LIGHTING – SALES BY RETAILER



Lighting – Sales by Retailer PY 3



ACE

Schnuck

**Cub Foods** 

**County Market** 



Rural King



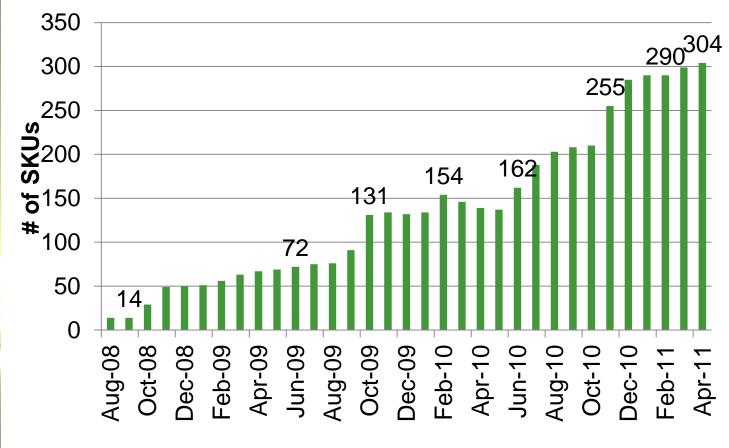




## **PY3 - ENERGY EFFICIENT LIGHTING - PRODUCTS**

Get discounts on lighting

ENERGY STAR® qualified CFL products in the lighting program have increased from 14 in PY1 to 304 in PY3.





## **PY3 - APPLIANCE REBATES**



Appliance Rebates						
Measure	Qty	Incentive	kWh (net)			
\$20 -Ceiling Fan Light Kit	44	\$880	2,675			
\$20 -Ceiling Fan w/Light	73	\$1,460	4,438			
\$20 -Air Purifier	430	\$8,600	87,582			
\$25 -Dehumidifier	10,973	\$274,325	2,251,660			
\$35 -Room Air Conditioner	5,538	\$193,830	1,094,309			
Total Rebates	17,058	\$479,095	3,440,664			





## **PY3 - APPLIANCE RECYCLING**



Refrigerator/Freezer Recycling Program

- 8,673 units recycled
  - 6,673 refrigerators
  - 1,997 freezers



### **PY3 - ENERGY STAR® NEW HOMES**

The ENERGY STAR New Homes Program assists homeowners and builders in the construction of new homes with: Construction and equipment recommendations prior to building, monetary incentives for builders, an energy-efficiency inspection after construction to ensure ENERGY STAR standards are met.



12 enrolled in PY2; 89 enrolled in PY3!

### A glance at PY3 -

- √ 89 Builders enrolled
- √ 16 HERS Raters enrolled
- ✓ 104 Houses in the pipeline -61 completed, others pending





### PY3 - RESIDENTIAL - HOME ENERGY PERFORMANCE

### Home Energy Performance improvements in PY3

- Reviewed and revised shell measures in PY3:
  - Air Sealing \$0.50 per CFM, up to \$900
  - Attic Insulation \$0.35 per SF, up to \$700
  - Wall Insulation \$0.60 per SF, up to 1,200
- Incentive levels were changed in October 2010 which resulted in a big uptake in shell improvement projects.
  - December 36 projects
  - January 54 projects
  - March 31 projects
  - Currently at 275 shell measure projects
- This increase in incentives takes coverage of the avg. project from approximately 20% of the total bill covered to approximately 40-50% of the total covered



June 2009: 3 Allies

June 2010: 15 Allies

Today: 40 Allies!





### **PY3 - MODERATE INCOME PROGRAM**

- The Moderate Income Program or, Warm Neighbors, Cool Friends program was launched in June of 2010 in conjunction with the Energy Assistance Foundation, a 501c3 located in Decatur, IL. Act On Energy incentive amounts are based on covering approximately 40-50% of the cost for shell measures. Participants must fall into the moderate income category, which is a household income greater than 200% but less than 300% of poverty level income.
- Program has already helped 50 families, and we have 2 more projects committed. The pilot phase has been conducted in Decatur, IL, but plans to expand to Peoria, Metro East and Western IL in the coming year.
- Average total cost per project \$5,843
- Average Act On Energy incentive \$1773
- Average EAF contribution \$3430
- Average Homeowner contribution \$639
- Program is continuously seeking funds to support program expansion.









## **PY3 – NEW HEATING & COOLING EQUIPMENT**

As in PY2, participation in the HVAC program is high.

#### Through end of April:

- Central Air (ER) 6,555 units
- Central Air (existing > 10 SEER) 1,304 units
- Air Source Heat Pumps (ER) 813 units
- Air Source Heat Pumps (existing > 10 SEER)
   255 units
- Ground Source Heat Pumps 386 units
- 95% AFUE Furnace 8,114 units
- 92% AFUE Furnace 278 units
- 90% Boiler 136 units





## **PY3 – NEW HEATING & COOLING EQUIPMENT**

Table ES-4. Summary of Gross Savings, Realization Rates, and Prospective and Retrospective Net Savings

Measure	Ex Ante Gross Savings (MWh)	Realized Gross Savings (MWh)	Realiz. Rate	PY1 NTG Ratio	Prospec- tive Net Savings (MWH)	PY2 NTG Ratio	Retro- spective Net Savings (MWh)
Early Replacement ASHP Cooling and CAC	9,423	5,845	62%	76%	4,442	63%	3,695
Replacement at Burnout ASHP Cooling and CAC	335	417	124%	76%	317	63%	263
Manual J Sizing	3,155	194	6%	76%	147	63%	122
Subtotal of ASHP Cooling and CAC	12,913	6,455			4,906		4,080
GSHP Heating and Cooling	3,910	1,257	32%	76%	955	63%	795
ASHP Heating		2,777	N/A	76%	2,111	63%	1,756
Subtotal of ASHP Heating and GSHP Heating and Cooling	3,910	4,034			3,066		2,550
Total	16,823	10,489		_	7,972		6,631

Low PY2 EMV
Realization Rate
and NTG
dramatically lowers
savings estimates

Program RR: 0.62

Program NTG: 0.63

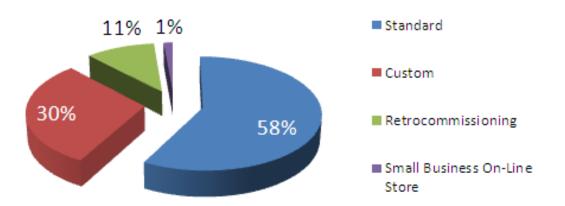
 Discontinued Manual J incentive

 Discontinued incenting switching fuels with GSHP



## **PY3 – BUSINESS SAVINGS GOALS**

 Standard represents majority of savings to date followed by Custom



Business Portfolio Energy Savings	Net MWh Actual PYTD	Net MWh Goal PY#3	% Achieved	% Portfolio	
Standard	62,287	60,181	103.50%	58%	
Custom	32,411	37,214	87.09%	30%	
Retrocommissioning	11,473	18,000	63.74%	11%	
Small Business On-Line Store	1,503	NA	NA	1%	
DR	2	NA	NA	0%	
Total	107,676	115,395	93.31%	100%	
*Includes 69,731 of Pending Project Savings					



## **PY3 – BUSINESS PORTFOLIO**







#### Standard

- Lighting
- Refrigeration
- Motor System
- HVAC

### **Market Specific**

- Grocery/Convenience Stores
- Agriculture
- Commercial Kitchens
- Lodging

#### Other Electric Programs:

- Custom
- Small Business Online Store
- Compressed Air Retro Commissioning
- Healthcare Retro Commissioning



## **PY3 – BUSINESS PROGRAM ACTIVITY**

Project Type	# of Projects	kWh Saved - Gross	Electric Incentives	
Custom	242	54,519,199	\$3,524,531	
Standard Motor	90	29,068,298	\$1,515,380	
Standard Lighting	912	50,080,359	\$3,395,301	
Compressed Air Retro Cx	22	13,576,359	\$248,408	
Healthcare Retro Cx	3	3,098,908	\$117,683	
Standard Grocery	206	4,440,478	\$304,156	
Standard HVAC	151	2,625,913	\$192,374	
Standard Refrigeration	0	0	0	
Standard Commercial Kitchens	3	2,109	\$100	
Standard Lodging	6	123,107	\$8,463	
Standard Agriculture	1	19,713	\$2,162	



### **PY3 – BUSINESS HIGHLIGHTS**

## PY3 Business Symposium Coupon

- 15% additional incentives for Symposium attendees submitting apps by 12-31-10
- 54 Project Applications
- \$2.56 M incentives (includes 15%)
- 42,468 MWh gross energy savings

#### Online Store

- Opened Online Store to all business customers (previously DS-2 only) in February
- Product purchase limits remain
- Initiated Chamber Challenge in February

## Pre-approval Threshold increased from \$5,000 to \$10,000

- More projects completed without technical review up-front
- Customers can still call with questions or concerns about their project(s)



### **PY3 – BUSINESS HIGHLIGHTS CONTINUED**

#### T12 Phase-Out

- Resulting in more projects in PY3 and project size has also been larger in PY3 than PY1 or PY2
- More than 20% increase for T12 replacement projects in PY3 than PY2
- Substantial increase in T12 replacement projects in December due to 15% additional incentives decreased to 10% beginning 1-1-11
- Overall pace for lighting applications for both T12 replacement and non-T12 replacements have slowed in the 3<sup>rd</sup> Quarter of PY3.

### Competitive Large Project Incentive (CLPI) Update

- New for PY3
- Maximum project incentive of \$500,000
- Projected annual energy savings of the project must exceed 500,000 kWhs
- Project payback cannot exceed 7 years, but no minimum
- Originally 9 PY3 and 2 PY4 Projects in CLPI Program
- Originally \$1.1 million incentives in PY3 and \$170 thousand PY4 incentives
- Originally \$19.7 million kWhs in PY3 energy savings and 2.4 million in PY4 energy savings
- At end of 3<sup>rd</sup> Quarter PY3
  - 7 PY3 Projects with \$836 thousand incentives and 15.2 million kWh energy savings
  - 3 PY4 Projects with \$322 thousand incentives and 5.2 million kWh energy savings

    ActOnEnergy.com



## **PY3 – BUSINESS – NEW INITIATIVES**



#### Feet On the Street Initiative

- Created in late February to drive energy savings in the short-term
- 3 Technical Reviewers assigned throughout territory for customer facility walk-through identifying energy savings project possibilities



### **PY3 – BUSINESS – SPECIAL OFFERS**



#### 'Sweet Deal' Bonus

Feb. 14 – introduced 'sweet deal' bonus of 15% for apps received Feb. 14 thru Mar. 31 and completed by May 31.

Cannot combine with other special offers

Designed to achieve oversubscription and insure against project slippage

#### Custom Program - Early Completion Bonus

- Applicable to applications received after 10-20-10
- 2 cents/kWh more if completed by 03-31-11 AND paperwork within 30 days
- 1 cent/kWh more if completed by 04-30-11 AND paperwork within 30 days

#### High bay Lighting Replacement – Early Completion Bonus

- Applicable to applications received after 10-20-10
- Increased incentives if completed by 3-31-11 AND paperwork within 30 days
- Increased incentives if completed by 4-30-11 AND paperwork within 30 days

#### Retro Commissioning

- Additional 2 cents/kWh for additional savings achieved above minimum and completed by 3-31-11
- Additional 1 cent/kWh for additional savings achieved above minimum and completed by 4-10-11





## **PY3 – BUSINESS – SPECIAL OFFERS**

### Act On Energy® Special Offers

		Bonus Incentive Amounts for Projects Completed By**:				
Project Type	Bonus Start Date*	March 31, 2011	April 30, 2011	May 31, 2011	Additional Information	
		EARLY COMPLETION BONUS!				
Custom Projects	Oct. 20, 2010	2¢ per kWh	1¢ per kWh	Base Incentive (No Bonus)	Custom projects cannot fall under the standard (lighting, refrigeration, HVAC or motor) or retro commissioning program	
•					All Custom projects must be pre-approved before any financia commitments are made	
Highbay Lighting Replacement (BPL91)	Oct. 20, 2010	51/s¢ per Watt reduced	4½¢ per Watt reduced	Base Incentive (No Bonus)	Applies to highbay replacement only Measures: BPL91	
Retro Commissioning (Compressed Air and Healthcare)	June 1, 2010	2¢ per kWh	1¢ per kWh	Base Incentive (No Bonus)	Applies to savings up to 2 million kWh above minimum requirement. For savings over 2 million kWh above minimum, bonus is paid out at 50%	
T12 Phase-Out	June 1, 2010	N/A	N/A	15%	Applies to upgrading T12 lamps only Measures: BPL40, BPL41, BPL42, BPL43, BPL60, BPL62 BPL63, BPL64, BPL65, BPL93	
	Jan. 1, 2011	N/A	N/A	10%	15% bonus only for applications submitted before Dec. 31, 2010	
Energy Efficient Heating Upgrades	Sept. 1, 2010	N/A	N/A	50%	Applies to select boilerifurnace replacement Measures: BPH4, BPH6, & BPH7 Must be an Ameren Illinois rate GDS-2 customer	
Symposium Coupon	Aug. 1, 2010	N/A	N/A	15%	To redeem, this coupon must be submitted along with the project application before December 31, 2010	



## Questions?

