



# Ameren Missouri Residential Portfolio Evaluation Summary: Program Year 2014

June 17, 2015

**AMENDED July, 2016**

Ameren Missouri  
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The Cadmus Group, Inc.

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**AMENDMENT**

As a result of Commission orders dated November 18, 2015 and January 20, 2016 in Case No. EC-2015-0315, Ameren Missouri provided Cadmus with revised avoided costs for measures installed on and after October 1, 2014. Cadmus recalculated the PY2014 program and portfolio benefit cost ratios, total benefits and total net benefits using the updated avoided costs as inputs to the DSMore model for all residential program measures installed during October – December 2014. To document the recalculated PY2014 program and portfolio benefit cost ratios, total benefits and total net benefits, Cadmus has been instructed by Ameren Missouri and the Commission Staff to revise Table 3, Table 4 and Table 12 of the Cadmus Residential Portfolio Evaluation Summary: Program Year 2014, dated June 17, 2015, which was filed in Case No. EO-2012-0142 on June 23, 2015. The revised Table 3, Table 4 and Table 12 follow:

***Cost Effectiveness***

**Amended: Table 3. Summary of PY14 Residential Program Cost-Effectiveness**

Program	UCT	TRC	RIM	Societal	PART*
Efficient Products	2.08	1.50	0.46	1.79	4.22
Home Energy Analysis	0.68	0.52	0.35	0.67	2.47
HVAC	3.98	2.09	0.74	2.55	3.39
Lighting	5.20	3.35	0.53	3.99	7.56
Low Income	1.04	1.04	0.46	1.25	N/A
New Homes	0.54	0.50	0.36	0.62	2.63
Refrigerator Recycling	2.16	2.16	0.55	2.45	N/A
<b>Portfolio</b>	<b>3.68</b>	<b>2.40</b>	<b>0.58</b>	<b>2.88</b>	<b>5.71</b>

\*There is no cost to participants for the Low Income and Refrigerator Recycling programs, so the ratio of benefits to costs has a denominator of zero.

Amended: Table 4. Summary of UCT Benefits and Costs (2013 Dollars)

Program	UCT Net Lifetime Benefits*	Costs**	UCT Net Lifetime Benefits Less Costs
Efficient Products	\$3,618,024	\$1,737,227	\$1,880,798
Home Energy Analysis	\$211,512	\$310,250	(\$98,738)
HVAC	\$30,799,614	\$7,748,069	\$23,051,545
Lighting	\$46,392,750	\$8,924,334	\$37,468,416
Low Income	\$3,571,252	\$3,429,879	\$141,373
New Homes	\$161,508	\$301,206	(\$139,698)
Refrigerator Recycling	\$2,927,005	\$1,356,441	\$1,570,563
<b>Portfolio</b>	<b>\$87,681,666</b>	<b>\$23,807,407</b>	<b>\$63,874,259</b>
* "Net" means the NTG ratio for each program was applied to the measure savings values when calculating the program benefits.			
**The portion of portfolio costs that were distributed across programs are included in the program costs presented in this table.			

### Residential Portfolio

Amended: Table 12. Utility Cost Test (UCT) Inputs and Results

UCT Calculations		
	Benefits	Costs
Avoided Electric Production	\$70,498,524	
Avoided Electric Capacity	\$11,318,819	
Avoided T&D Electric	\$5,864,322	
Incentives		\$10,966,259
Program overhead costs		\$12,841,148
<b>Total</b>	<b>\$87,681,666</b>	<b>\$23,807,407</b>
<b>UCT Benefit - Cost Ratio</b>	<b>3.68</b>	