KPSC Case No. 2017-00097 Sierra Club's First Set of Data Requests Dated April 14, 2017 Item No. 10 Attachment 4 Page 1 of 63

DEFINITIONS

- 1) YTD Costs Year-to-Date costs recorded through December 31, 2014.
- 2) YTD Impacts Estimated in place load impacts for Year-to-Date participants.
- 3) PTD Costs Costs recorded from the inception of the program through December 31, 2014
- 4) PTD Impacts Estimated in place load impacts for Program-to-Date participants.

COMMENTS

Our calculations are based on actual participants and costs as of December 31, 2014.

The estimated actual in-place energy (kWh) savings represents the annual energy savings for customers beginning program participation in the reported period. It is computed by applying the average customer annual net energy savings, including 9% T&D losses. The savings are included with the latest program evaluation report or the initially filed program estimate where an evaluation report has not been completed. The estimated actual in place energy (kWH) savings are calculated in accordance with the Sunset Provision contained in the joint application, filed September 27, 1995.

The estimated anticipated peak demand (kW) reduction is a product of the number of net participating customers or measure quantity (excluding free riders) and projected winter/summer demand reductions filed for each program. The anticipated peak demand (kW) reductions include a 10% T&D loss savings.

The calculation of YTD and PTD estimated in place energy (kWh) savings and anticipated peak demand (kW) reductions contained in this status report reflect, wherever applicable, the program evaluation results of each individual program as described in the August 16, 1999, June 30, 2002, June 30, 2005, June 30, 2008, June 30, 2010, August 15, 2011, August 15, 2012, and August 15, 2014, DSM collaborative report.

The individual DSM lost revenue, efficiency incentive and maximizing incentives as of June 30, 1997 are calculated based on the initial values from Exhibit E in the joint application, filed September 27, 1995. A retroactive adjustment of the initial values of the efficiency incentives and net lost revenue KWH impacts was used for each program for the first eighteen months (1/1/96 to 6/30/97). The lost revenue, efficiency incentive and maximizing incentive for the period 1/1/2014 to 12/31/2014 are calculated using the revised values contained in Schedule C of this status report.

The program lost revenue is the product of the number of participating customers, the average net energy savings (kWh) per customer and the net lost revenue (\$/kWh). The number of participating customers is equal to 1/2 of the new participants for the current month, plus the cumulative participants from the previous months. The program-to-date lost revenues are calculated in accordance with the Sunset Provision contained in the joint application, filed September 27, 1995.

The efficiency incentive is the product of the number of participants for the month and the efficiency rate (\$/participant). The maximizing incentive is calculated as 5% of actual program cost for the month.

KENTUCKY POWER COMPANY SUMMARY INFORMATION (ALL PROGRAMS)

As of December 31, 2014

DESCRIPTION	YTD	PTD
Total Revenue Collected	\$5,596,950	\$32,896,052
Total Program Costs	3,736,549	23,393,922
Total Lost Revenues	851,403	6,927,150
Total Efficiency / Maximizing Incentive	479,663	2,900,089
HEAP - Kentucky Power's Information Technology Implementation Costs (Case No 2006 - 00373, Dated December 14, 2006)	0	58,968
HEAP - KACA's Information Technology Implementation Costs	0	15,700
Total DSM Costs As of December 31, 2014	\$5,067,615	\$33,295,829

KENTUCKY POWER COMPANY SUMMARY INFORMATION (ALL PROGRAMS)

As of December 31, 2014

DESCRIPTION	YTD		PTD	
Actual In-Place Energy Savings:	16,965,447	kWh	623,886,459	kWh
w/ T&D Line Losses:	18,492,337	kWh	680,036,240	kWh
Total kW Reductions:				
Winter w/ T&D Line Losses: Summer	2,868 3,155 2,313	kW kW kW	34,856 38,342 13,142	kW kW kW
w/ T&D Line Losses:	2,544	kW	14,456	kW

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	General Residential Administrative	
CUSTOMER SECTOR:	Residential	
REPORTING PERIOD:	January 1, 2014 - December 31, 2014	

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Administrative	<u>\$0</u>	\$0	\$ 0
Promotion	\$13,720	\$0	\$13,720
Evaluation	\$17,061	\$1	\$17,061
Total Costs	\$30,781	\$1	\$30,781

COMMENTS:

Evaluation represents the Market Potential Study Services which began in 2014. Promotion is marketing expense at the Portfolio level.

The budget for 2015 is \$145,878 representing services for the EE Market Potential Assessment and DSM Program Plan.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM: Targeted Energy Efficiency		
PARTICIPANT DEFINITION: Number of Households		
CUSTOMER SECTOR:	ER SECTOR: Residential - Low Income	
REPORTING PERIOD: January 1, 2014 - December 31, 2014		

New Participants	All Electric	Non All Electric
Jan	5	1
Feb	10	0
Mar	7	0
Apr	9	0
May	6	0
Jun	5	0
Jul	12	0
Aug	7	0
Sep	16	2
Oct	11	2
Nov	9	1
Dec	13	0
YTD	110	6
PTD	3,729	1,122

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	274,046	90,410,366
Anticipated Peak Demand (kW) Reduction:		
Summer	89	925
Winter	61	3,306

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$20,344	\$0	\$298,002
Equipment/Vendor:	\$177,926	\$0	\$4,013,172
Promotional:	\$0	\$0	\$0
Customer Incentives:	\$0	\$0	\$0
Other Costs:	\$0	\$0	\$9,553
Total Program Costs	\$198,271	\$0	\$4,320,728
Lost Revenues:	\$42,935	\$1,944	\$957,147
Efficiency Incentive:	\$16,872	\$184	\$169,549
Maximizing Incentive:	\$0	\$0	\$123,617
Total Costs	\$258,078	\$2,128	\$5,571,041

COMMENTS:

The Targeted Energy Efficiency Program provides a variety of services, including a home energy audit, weatherization and seal-up to targeted low income customers.

The Equipment / Vendor cost categories includes the cost of labor and materials of measures installed, participant energy education costs and vendor administration costs.

The participant and expense forecast for 2015 is 141 all-electric homes, 18 non-all-electric homes and \$294,250.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	High Efficiency Heat Pump - Mobile Home	
PARTICIPANT DEFINITION:	Number of Units Installed	
CUSTOMER SECTOR:	Residential	
REPORTING PERIOD:	January 1, 2014 - December 31, 2014	

New Participants		
Jan	12	
Feb	16	
Mar	12	
Apr	24	
May	20	
Jun	20	
Jul	17	
Aug	22	
Sep	20	
Oct	32	
Nov	27	
Dec	7	
YTD PTD	229 3,129	

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	416,349	88,573,058
Anticipated Peak Demand (kW) Reduction:		
Summer	-13	636
Winter	272	4,711

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$12,685	\$0	\$67,774
Equipment/Vendor:	\$11,450	\$0	\$107,805
Promotional:	\$1,663	\$0	\$3,216
Customer Incentives:	\$91,600	\$0	\$1,316,800
Other Costs:	\$0	\$0	\$1,167
Total Program Costs	\$117,398	\$0	\$1,496,762
Lost Revenues:	\$62,608	\$5,820	\$773,899
Efficiency Incentive:	\$3,389	\$18,331	\$347,445
Maximizing Incentive:	\$0	\$0	\$ 0
Total Costs	\$183,395	\$24,151	\$2,618,106

COMMENTS:

The High Efficiency Heat Pump - Mobile Home program provides incentives to customers, encouraging them to install the highest efficiency equipment practical.

The participant and expense forecast for 2015 is 236 and \$95,200 respectively.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Mobile Home New Construction	
PARTICIPANT DEFINITION:	Number of Units Installed	
CUSTOMER SECTOR:	Residential	
REPORTING PERIOD:	January 1, 2014 - December 31, 2014	

New Participants	Heat Pump	Air Conditioner
Jan	9	0
Feb	7	0
Mar	4	0
Apr	17	0
May	10	0
Jun	9	0
Jul	11	0
Aug	22	0
Sep	7	0
Oct	24	0
Nov	15	0
Dec	14	0
YTD	149	0
PTD	2,735	2

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	233,546	128,680,104
Anticipated Peak Demand (kW) Reduction:		
Summer	82	907
Winter	72	5,233

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$11,948	\$0	\$50,872
Equipment/Vendor:	\$7,450	\$0	\$159,513
Promotional:	\$972	\$0	\$5,161
Customer Incentives:	\$74,500	\$0	\$1,376,950
Other Costs:	\$250	\$0	\$5,366
Total Program Costs	\$95,120	\$0	\$1,597,862
Lost Revenues:	\$38,118	\$0	\$730,526
Efficiency Incentive:	\$13,197	\$0	\$209,328
Maximizing Incentive:	\$0	\$0	\$2,580
Total Costs	\$146,435	\$0	\$2,540,296

COMMENTS:

The program provides a financial incentive to new mobile home buyers and trade allies to encourage the installation of of high efficiency heat pumps and upgraded insulation packages to new mobile homes.

The participant and expense forecast for 2015 is 155 heat pumps and \$86,312 respectively.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Modified Energy Fitness	
PARTICIPANT DEFINITION:	Number of Home Audits	
CUSTOMER SECTOR: Residential		
REPORTING PERIOD:	January 1, 2014 - December 31, 2014	

New Participants		
Jan	80	
Feb	80	
Mar	87	
Apr	90	
May	99	
Jun	154	
Jul	226	
Aug	218	
Sep	246	
Oct	281	
Nov	207	
Dec	234	
YTD PTD	2,002 12,593	

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	1,741,380	84,809,990
Anticipated Peak Demand (kW) Reduction:		
Summer	330	1,508
Winter	220	5,249

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$28,900	\$0	\$72,235
Equipment/Vendor:	\$682,198	\$0	\$4,548,396
Promotional:	\$80,321	\$0	\$82,662
Customer Incentives:	\$0	\$0	\$0
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$791,419	\$0	\$4,703,293
Lost Revenues:	\$172,095	\$0	\$1,165,637
Efficiency Incentive:	\$31,211	\$0	\$354,640
Maximizing Incentive:	\$0	\$0	\$0
Total Costs	\$994,725	\$0	\$6,223,570

COMMENTS:

The Modified Energy Fitness program provides energy audits, blower door testing, duct sealing and direct installation of low cost conservation measures to residential customers with electric space heating and electric water heating.

The equipment / vendor cost category includes the cost of labor and materials of measures installed, the cost of promotion by the vendor and vendor administration costs including customer education.

The participant and expense forecast for 2015 is 2,040 and \$987,062 respectively.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
	High Efficiency Heat Pumps	
PARTICIPANT DEFINITION:	Number of Units Installed	
CUSTOMER SECTOR:	Residential	
REPORTING PERIOD:	January 1, 2014 - December 31, 2014	

New Participants	Resistance	Non Resistance
Jan	17	41
Feb	17	32
Mar	11	41
Apr	13	37
May	15	47
Jun	9	51
Jul	25	30
Aug	17	27
Sep	18	24
Oct	23	20
Nov	13	13
Dec	20	30
YTD	198	393
PTD	1,151	2,329

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	607,805	3,843,717
Anticipated Peak Demand (kW) Reduction:		
Summer	47	87
Winter	300	2,891

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$20,384	\$0	\$36,601
Equipment/Vendor:	\$30,500	\$0	\$198,850
Promotional:	\$8,003	\$0	\$8,181
Customer Incentives:	\$244,000	\$0	\$1,362,560
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$302,887	\$0	\$1,606,192
Lost Revenues:	\$66,147	\$0	\$398,918
Efficiency Incentive:	\$9,427	\$0	\$327,208
Maximizing Incentive:	\$0	\$0	\$17,177
Total Costs	\$378,461	\$0	\$2,349,495

COMMENTS:

This program was implemented to reduce residential electric consumption by replacing older, less efficient electric heating systems with high efficiency heat pumps. Customers are provided an incentive encouraging them to promote the highest efficiency equipment practical.

The participant and expense forecast for 2015 is 595 customers, and \$294,500 respectively.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Community Outreach Compact Fluorescent Lamp	
PARTICIPANT DEFINITION:	Number of Customers	
CUSTOMER SECTOR:	Residential	
REPORTING PERIOD:	January 1, 2014 - December 31, 2014	

New Participants		
Jan	0	
Feb	0	
Mar	330	
Apr	506	
May	571	
Jun	508	
Jul	716	
Aug	800	
Sep	527	
Oct	896	
Nov	500	
Dec	151	
YTD	5,505	
PTD	29,631	

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	336,025	2,675,113
Anticipated Peak Demand (kW) Reduction:		
Summer	61	976
Winter	61	1,123

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$10,566	\$0	\$31,116
Equipment/Vendor:	\$53,042	\$0	\$277,510
Promotional:	\$123	\$0	\$16,703
Administration:	\$240	\$0	\$2,645
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$63,970	\$0	\$327,974
Lost Revenues:	\$20,374	\$0	\$247,197
Efficiency Incentive:	\$4,789	\$0	\$117,580
Maximizing Incentive:	\$0	\$0	\$0
Total Costs	\$89,133	\$0	\$692,751

COMMENTS:

The Community Outreach Compact Fluorescent Lighting (CFL) program is designed to educate and influence residential customers to purchase and use compact fluorescent lighting in their homes. A package of 4 high efficiency CFLs are distributed to customers at scheduled community outreach events.

The participant and expense forecast for 2015 is 5,000 customers and \$40,981 respectively.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Energy Education For Students	
PARTICIPANT DEFINITION:	Number of Students receiving EE kits	
CUSTOMER SECTOR:	Residential	
REPORTING PERIOD:	January 1, 2014 - December 31, 2014	

New Participants	
Jan	0
Feb	0
Mar	433
Apr	0
May	170
Jun	0
Jul	0
Aug	0
Sep	120
Oct	230
Nov	695
Dec	527
YTD PTD	2,175 11,065

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	184,919	883,449
Anticipated Peak Demand (kW) Reduction:		
Summer	24	398
Winter	24	307

Costs			
	Retroactive		
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$9,248	\$0	\$21,396
Equipment/Vendor:	\$19,952	\$0	\$102,691
Promotional:	\$791	\$0	\$2,719
Education Workshops	\$3,000	\$0	\$22,142
Administration	\$3,000	\$0	\$16,562
Total Program Costs	\$35,990	\$0	\$165,509
Lost Revenues:	\$9,812	\$0	\$97,206
Efficiency Incentive:	\$3,067	\$ 0	\$33,344
Maximizing Incentive:	\$0	\$0	\$0
Total Costs	\$48,869	\$0	\$296,059

COMMENTS:

The Energy Education for Students program is designed to partner with the National Energy Education Development Project (NEED) to implement an energy education program for 7th grade students at participating middle schools. The students will be provided a package of four 23 watt CFLs to install in their homes. The program will influence residential customers to purchase and use compact fluorescent lighting in their homes.

The participant and expense forecast for 2015 is 2,083 students and \$31,067 respectively.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Residential HVAC Diagnostic and Tune-up	
PARTICIPANT DEFINITION:	Number of Units receiving service	
CUSTOMER SECTOR:	Residential	
REPORTING PERIOD:	January 1, 2014 - December 31, 2014	

New Participants	Heat Pump	Air Conditioner
Jan	2	0
Feb	2	0
Mar	35	0
Apr	2	0
May	10	0
Jun	1	0
Jul	1	0
Aug	4	0
Sep	3	0
Oct	63	0
Nov	50	0
Dec	41	0
YTD	214	0
PTD	1,910	454

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	66,246	595,144
Anticipated Peak Demand (kW) Reduction:		
Summer	5	254
Winter	9	404

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$11,506	\$0	\$30,594
Equipment/Vendor:	\$5,475	\$0	\$108,975
Promotional:	\$2,537	\$0	\$15,099
Customer Incentives:	\$6,570	\$0	\$110,640
Administration:	\$0	\$0	\$0
Other Costs:	\$0	\$0	\$50
Total Program Costs	\$26,089	\$0	\$265,359
Lost Revenues:	\$7,138	\$1,944	\$34,381
Efficiency Incentive:	\$0	\$184	\$8,930
Maximizing Incentive:	\$1,304	\$0	\$8,115
Total Costs	\$34,531	\$2,128	\$316,785

COMMENTS:

The Residential HVAC Diagnostic and Tune-up Program provides incentives to customers for a variety of HVAC services including over and under refrigerant charge and other diagnostic performance checks on residential unitary central air conditioning and heat pump units. Central Air Conditioning units were discontinued 12/31/12.

A 2014 portfolio evaluation recommended program termination after the 2014 program year.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION			
PROGRAM: Residential Efficient Products			
PARTICIPANT DEFINITION: Number of Units purchased			
CUSTOMER SECTOR: Residential			
REPORTING PERIOD: January 1, 2014 - December 31, 2014			

New Participants	<u>CFL</u>	Specialty Bulbs	LED Lights
Jan -	89,733	4,928	181
Feb	33,608	2,776	41
Mar	10,312	1,588	0
Apr	7,746	1,083	12
May	11,004	1,257	0
Jun	8,357	887	14
Jul	24,494	1,299	162
Aug	39,619	908	125
Sep	38,308	1,330	626
Oct	29,014	1,616	853
Nov	20,790	519	626
Dec	49,558	2,229	4,253
YTD	362,543	20,420	6,893
PTD	839,219	45,798	7,020

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	10,867,428	20,896,973
Anticipated Peak Demand (kW) Reduction:		
Summer	1,309	3,502
Winter	1,309	4,838

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$27,556	\$0	\$62,212
Equipment/Vendor:	\$407,507	\$0	\$1,001,204
Promotional:	\$14,632	\$0	\$15,214
Customer Incentives:	\$454,432	\$0	\$972,793
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$904,127	\$0	\$2,051,423
Lost Revenues:	\$228,870	\$0	\$597,364
Efficiency Incentive:	\$261,282	\$0	\$623,702
Maximizing Incentive:	\$2,962	\$0	\$3,095
Total Costs	\$1,397,241	\$0	\$3,275,584

COMMENTS:

The Residential Efficient Products Program will provide incentives and marketing support through retailers to build market share and usage of ENERGY STAR lighting products. Designed to produce long-term energy savings in the residential sector by increasing the market share of ENERGY STAR CFLs and (or) other ENERGY STAR lighting products.

Kentucky Power is added additional products to this program for 2015. The participant forecast for 2015 is 352,141 ENERGY STAR CFLs and 1,667 Specialty ENERGY STAR CFLs, 30129 ENERGY STAR LEDs, 9,021 Specialty ENERGY STAR LEDs, 317 ENERGY STAR rated Clothes Washers, 273 ENERGY STAR rated Dehumifiers, 277 ENERGY STAR rated Refrigerators, 42 ENERGY STAR rated Freezers and 6 ENERGY STAR rate Heat Pump Water Heaters. The expense forecast for 2015 is \$1,185,615.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION			
PROGRAM: Appliance Recycling			
PARTICIPANT DEFINITION: Number of Units Recycled			
CUSTOMER SECTOR: Residential			
REPORTING PERIOD:	January 1, 2014 - December 31, 2014		

New Recycled Units		Refrigerator	<u>Freezer</u>
Jan		0	0
Feb		0	0
Mar		0	0
Apr		0	0
May		0	0
Jun		0	0
Jul		0	0
Aug		0	0
Sep		0	0
Oct		0	0
Nov		0	0
Dec		0	0
	YTD	0	0
	PTD	0	0

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	0	0
Anticipated Peak Demand (kW) Reduction:		
Summer	0	0
Winter	0	0

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	*************************************	\$0	\$0
Equipment/Vendor:	\$0	\$0	\$0
Promotional:	\$0	\$0	\$0
Customer Incentives:	\$0	\$0	\$0
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$0	\$0	\$0
Lost Revenues:	\$0	\$0	\$0
Efficiency Incentive:	\$0	\$0	\$0
Maximizing Incentive:	\$0	\$0	\$0
Total Costs	\$0	\$0	\$0

COMMENTS:

The Appliance Recycling program provides incentives to customer who recycle a working second refrigerator or freezer that is in the home. The components of the unit are recycled in an environmentally friendly manner.

The program launched March 2015.

The participant and expense forecast for 2015 is 536 and \$83,190 respectively.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION			
PROGRAM: Home Performance			
PARTICIPANT DEFINITION: Customer Accounts			
CUSTOMER SECTOR: Residential			
REPORTING PERIOD:	January 1, 2014 - December 31, 2014		

New Participants		New	Cumulative
Jan		0	0
Feb		0	0
Mar		0	0
Apr		0	0
May		0	0
Jun		0	0
Jul		0	0
Aug		0	0
Sep		0	0
Oct		0	0
Nov		0	0
Dec		0	0
	YTD	0	0
	PTD	0	0

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	0	0
Anticipated Peak Demand (kW) Reduction:		
Summer	0	0
Winter	0	0

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	<u> </u>	\$0	\$0
Equipment/Vendor:	\$97,000	\$0	\$97,000
Promotional:	\$0	\$0	\$0
Customer Incentives:	\$0	\$0	\$0
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$97,000	\$0	\$97,000
Lost Revenues:	\$0	\$0	\$0
Efficiency Incentive:	\$0	\$0	\$0
Maximizing Incentive:	\$0	\$0	\$0
Total Costs	\$97,000	\$ 0	\$97,000

COMMENTS:

The Home Performance program provides paper Home Energy Reports and regular email messages to consumers regarding ways the customer can save energy.

The program launch March 2015.

The participant and expense forecast for 2015 is 30,000 and \$332,000 respectively.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Pilot Residential Load Management - Inactive	
PARTICIPANT DEFINITION:	Number of Switches Installed	
CUSTOMER SECTOR: Residential		
REPORTING PERIOD:	January 1, 2014 - December 31, 2014	

New Participants	A/C Switches	Water Heater SW
Jan		
Feb		
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sep		
Oct		
Nov		
Dec		
YTD	0	0
PTD	65	52

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	0	0
Anticipated Peak Demand (kW) Reduction:		
Summer	0	0
Winter	0	0

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$0	\$0	\$31,060
Equipment/Vendor:	\$0	\$0	\$293,463
Promotional:	\$0	\$0	\$12,192
Customer Incentives:	\$0	\$0	\$1,516
Other Costs:	\$0	\$0	\$696
Total Program Costs	\$0	\$0	\$338,927
Lost Revenues:	\$0	\$0	\$0
Efficiency Incentive:	\$0	\$0	\$0
Maximizing Incentive:	\$0	\$0	\$0
Total Costs	\$0	\$0	\$338,927

COMMENTS:

The Pilot Residential Load Management Program will determine whether peak demand can be effectively reduced through the installation of load control devices on central air conditioners, heat pumps, and/or electric water heaters. The program was completed December 31, 2012.

The participant and expense forecast for 2013 - 2014 is 0 air conditioners or heat pumps switches and 0 water heating switches. There is no program expenses forecast since the program was completed December 31, 2012.

The participant forecast for 2013 is zero A/C switches and zero water heating switches. The 2013 expenses forecast to complete the program is \$21,036.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Energy Fitness - Inactive	
PARTICIPANT DEFINITION:	Number of Households	
CUSTOMER SECTOR:	Residential	
REPORTING PERIOD:	January 1, 2014 - December 31, 2014	

New Participants		
Jan	0	
Feb	0	
Mar	0	
Apr	0	
May	0	
Jun	0	
Jul	0	
Aug	0	
Sep	0	
Oct	0	
Nov	0	
Dec	0	
YTD PTD	0 2,812	

Impacts		
	<u>Year-To-Date</u>	Program-To-Date
Estimated in Place Energy (kWh) Savings	0	55,360,221
Anticipated Peak Demand (kW) Reduction:		
Summer	0	441
Winter	0	1,932

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	0.00	0.00	18,189.00
Equipment/Vendor:	0.00	0.00	665,964.00
Promotional:	0.00	0.00	0.00
Customer Incentives:	0.00	0.00	0.00
Other Costs:	0.00	0.00	960.00
Total Program Costs	0.00	0.00	685,113.00
Lost Revenues:	0.00	(19,322.00)	363,029.00
Efficiency Incentive:	0.00	(46,349.00)	63,482.00
Maximizing Incentive:	0.00	0.00	0.00
Total Costs	0.00	(65,671.00)	1,111,624.00

COMMENTS:

This program was discontinued May 14, 1999.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Compact Fluorescent Bulb - Inactive	
PARTICIPANT DEFINITION:	Number of Bulbs Installed	
CUSTOMER SECTOR:	Residential	
REPORTING PERIOD:	January 1, 2014 - December 31, 2014	

New Participants		
Jan	0	
Feb	0	
Mar	0	
Apr	0	
May	0	
Jun	0	
Jul	0	
Aug	0	
Sep	0	
Oct	0	
Nov	0	
Dec	0	
YTD PTD	0 269	

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	0	280,416
Anticipated Peak Demand (kW) Reduction:		
Summer	0	3
Winter	0	3

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	0.00	0.00	60.00
Equipment/Vendor:	0.00	0.00	15,021.00
Promotional:	0.00	0.00	0.00
Customer Incentives:	0.00	0.00	0.00
Other Costs:	0.00	0.00	0.00
Total Program Costs	0.00	0.00	15,081.00
Lost Revenues:	0.00	25.00	1,605.00
Efficiency Incentive:	0.00	8.00	433.00
Maximizing Incentive:	0.00	0.00	0.00
Total Costs	0.00	33.00	17,119.00

COMMENTS:

This program was discontinued December 31, 1996

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	High Efficiency Heat Pumps Retro - Inactive	
PARTICIPANT DEFINITION:	Number of Units Installed	
CUSTOMER SECTOR:	Residential	
REPORTING PERIOD:	January 1, 2014 - December 31, 2014	

New Participants	Resistance	Non Resistance
Jan	0	0
Feb	0	0
Mar	0	0
Apr	0	0
May	0	0
Jun	0	0
Jul	0	0
Aug	0	0
Sep	0	0
Oct	0	0
Nov	0	0
Dec	0	0
YTD	0	0
PTD	1,367	929

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	0	71,026,985
Anticipated Peak Demand (kW) Reduction:		
Summer	0	851
Winter	0	2,995

Costs			
		Retroactive	
Description	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	0.00	0.00	12,885.00
Equipment/Vendor:	0.00	0.00	129,767.00
Promotional:	0.00	0.00	0.00
Customer Incentives:	0.00	0.00	70,500.00
Other Costs:	0.00	0.00	1,160.00
Total Program Costs	0.00	0.00	214,312.00
Lost Revenues:	0.00	(269.00)	368,960.00
Efficiency Incentive:	0.00	(2,196.00)	48,017.00
Maximizing Incentive:	0.00	0.00	5.00
Total Costs	0.00	(2,465.00)	631,294.00

COMMENTS:

This program was discontinued December 31, 2001.

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Attachment 4

KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	General Commercial Administrative	
CUSTOMER SECTOR:	Commercial	
REPORTING PERIOD:	January 1, 2014 - December 31, 2014	

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Administrative		\$0	\$0
Promotion	\$0	\$0	\$0
Evaluation	\$17,061	\$0	\$0
Total Costs	\$17,061	\$0	\$0

COMMENTS:

The evaluation expense represents Market Potential Study services that began in 2014 and EMV consulting services related to the 2014 evaluation study.

The budget for 2015 is \$213,291 representing services for the EE Market Potential Assessment and DSM Program Plan.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Commercial HVAC Diagnostic and Tune-up	
	Number of Units receiving service	
	Commercial	
REPORTING PERIOD:	January 1, 2014 - December 31, 2014	

New Participants	Heat Pump	Air Conditioner
Jan	0	0
Feb	0	0
Mar	3	0
Apr	0	0
May	0	0
Jun	0	0
Jul	0	0
Aug	0	0
Sep	0	0
Oct	3	0
Nov	1	0
Dec	12	0
YTD	19	0
PTD	242	84

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	13,834	141,188
Anticipated Peak Demand (kW) Reduction:		
Summer	1	74
Winter	2	101

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$8,891	\$0	\$26,347
Equipment/Vendor:	\$475	\$0	\$14,525
Promotional:	\$665	\$0	\$13,177
Customer Incentives:	\$570	\$0	\$21,450
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$10,602	\$0	\$75,500
Lost Revenues:	\$2,042	\$0	\$7,788
Efficiency Incentive:	\$0	\$ 0	\$3,496
Maximizing Incentive:	\$530	\$0	\$2,415
Total Costs	\$13,174	\$0	\$89,199

COMMENTS:

The Commercial HVAC Diagnostic and Tune-up Program provides a variety of HVAC services, including diagnostic performance checks on commercial unitary central air conditioning and heat pump units.

The Equipment / Vendor cost include the cost of incentives for participating HVAC dealers promotion of the program. Central Air Conditioning units were discontinued 12/31/12.

The 2014 portfolio evaluation recommended program termination after the 2014 program year.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Commercial High Efficiency HP/AC	
PARTICIPANT DEFINITION:	Number of Units Installed	
CUSTOMER SECTOR:	Commercial	
REPORTING PERIOD:	January 1, 2014 - December 31, 2014	

New Participants	Heat Pump	Air Conditioner
Jan	0	0
Feb	1	0
Mar	1	0
Apr	3	0
Мау	0	0
Jun	2	0
Jul	0	0
Aug	0	0
Sep	0	0
Oct	0	0
Nov	1	0
Dec	0	0
YTD	8	0
PTD	60	4

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	6,056	39,506
Anticipated Peak Demand (kW) Reduction:		
Summer	5	13
Winter	2	28

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$9,013	\$0	\$28,806
Equipment/Vendor:	\$450	\$0	\$3,200
Promotional:	\$1,663	\$0	\$24,719
Customer Incentives:	\$3,450	\$0	\$23,650
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$14,576	\$0	\$80,375
Lost Revenues:	\$551	\$0	\$2,234
Efficiency Incentive:	\$0	\$0	\$1,224
Maximizing Incentive:	\$729	\$0	\$2,843
Total Costs	\$15,856	\$0	\$86,676

COMMENTS:

The Commercial High Efficiency Heat Pump/Air Conditioner program offers financial incentive to small commercial customers (< 100 kW demand) who upgrade to a new qualifying central air conditioner or heat pump with a Consortium for Energy Efficiency (CEE) rating. Applicable for 5 ton units or less.

The participant and expense forecast for 2015 is 2 central air conditioners and 14 heat pumps with a program budget of \$13,700.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Commercial Incentive	
PARTICIPANT DEFINITION:	Number of Participants Projects Installed	
CUSTOMER SECTOR:	Commercial	
REPORTING PERIOD:	January 1, 2014 - December 31, 2014	

New Participants	Projects Installed	
Jan	3	
Feb	3	
Mar	6	
Apr	7	
May	2	
Jun	16	
Jul	8	
Aug	13	
Sep	8	
Oct	29	
Nov	30	
Dec	52	
YTD	177	
PTD	602	

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	3,629,592	5,852,289
Anticipated Peak Demand (kW) Reduction:		
Summer	604	2,356
Winter	584	2,336

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$59,745	\$0	\$142,391
Equipment/Vendor:	\$429,239	\$0	\$1,605,493
Promotional:	\$44,176	\$0	\$63,197
Customer Incentives:	\$498,099	\$0	\$1,513,103
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$1,031,259	\$0	\$3,324,184
Lost Revenues:	\$200,713	\$0	\$289,801
Efficiency Incentive:	\$130,904	\$0	\$173,756
Maximizing Incentive:	\$0	\$0	\$102,031
Total Costs	\$1,362,876	\$0	\$3,889,772

COMMENTS:

The Commercial Incentive program offers energy savings for all commercial business customers through promotion of high efficiency electric lighting, HVAC, pumps, and motors. Primary objectives include; increasing the market share and installation rate of high efficiency technologies, and improving the operating efficiencies of existing long life equipment for commercial customers.

The participant and expense forecast for 2015 is 200 customers and \$1,421,970.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	School Energy Manager Program	
PARTICIPANT DEFINITION:	School District Participation	
CUSTOMER SECTOR:	Commercial	
REPORTING PERIOD:	January 1, 2014 - December 31, 2014	

Participating Schools	<u>Districts</u>	
Jan	0	
Feb	0	
Mar	0	
Apr	0	
May	0	
Jun	0	
Jul	4	
Aug	4	
Sep	4	
Oct	4	
Nov	5	
Dec	5	

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	115,111	115,111
Anticipated Peak Demand (kW) Reduction:		
Summer	0	0
Winter	239	239

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation		\$0	\$0
Equipment/Vendor:	\$0	\$0	\$0
Promotional:	\$0	\$0	\$0
Customer Incentives:	\$0	\$0	\$0
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$0	\$0	\$0
Lost Revenues:	\$0	\$0	\$0
Efficiency Incentive:	\$0	\$0	\$0
Maximizing Incentive:	\$0	\$0	\$0
Total Costs	\$0	\$0	\$0

COMMENTS:

The first phase of the School Energy Manager program was not expensed to DSM. The first phase consisted of a total of eight potential school districts that could participate with the program. The following five school districts participated for 2014:By end of year program; Carter, Johnson, Martin, Lawrence, and Paintsville.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Pilot Commercial Load Management - Inactive	
PARTICIPANT DEFINITION: Number of Switches Installed		
	MER SECTOR: Commercial	
REPORTING PERIOD:	January 1, 2014 - December 31, 2014	

New Participants	Heat Pump	Air Conditioner
Jan		
Feb		
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sep		
Oct		
Nov		
Dec		
YTD	0	0
PTD	0	0

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	0	0
Anticipated Peak Demand (kW) Reduction:		
Summer	0	0
Winter	0	0

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$0	\$0	\$17,939
Equipment/Vendor:	\$0	\$0	\$30,000
Promotional:	\$0	\$0	\$240
Customer Incentives:	\$0	\$0	\$0
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$0	\$0	\$48,179
Lost Revenues:	\$0	\$0	\$0
Efficiency Incentive:	\$0	\$0	\$0
Maximizing Incentive:	\$0	\$0	\$0
Total Costs	\$0	\$0	\$48,179

COMMENTS:

The Pilot Commercial Load Management Program will determine whether peak demand can be effectively reduced through the installation of load control devices on central air conditioners, heat pumps, and/or electric water heaters. The pilot program was completed December 31, 2012.

The participant and expense forecast for 2013 is 0 air conditioner switches and 0 water heater switches. Program expenses for 2013 are complete and total \$1,500.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Smart Audit - Commercial - Inactive	
PARTICIPANT DEFINITION:	Number of Audits	
CUSTOMER SECTOR:	Commercial	
REPORTING PERIOD:	January 1, 2014 - December 31, 2014	

New Participants	Class I	Class II
Jan	0	0
Feb	0	0
Mar	0	0
Apr	0	0
May	0	0
Jun	0	0
Jul	0	0
Aug	0	0
Sep	0	0
Oct	0	0
Nov	0	0
Dec	0	0
YTD	0	0
PTD	1,952	194

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	n/a	n/a
Anticipated Peak Demand (kW) Reduction:		
Summer	n/a	n/a
Winter	n/a	n/a

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	0.00	0.00	30,661.00
Equipment/Vendor:	0.00	0.00	1,268,176.00
Promotional:	0.00	0.00	0.00
Customer Incentives:	0.00	0.00	0.00
Other Costs:	0.00	0.00	(8,156.00)
Total Program Costs	0.00	0.00	1,290,681.00
Lost Revenues:	0.00	0.00	0.00
Efficiency Incentive:	0.00	0.00	0.00
Maximizing Incentive:	0.00	0.00	64,533.00
Total Costs	0.00	0.00	1,355,214.00

COMMENTS:

This program was discontinued December 31, 2002.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Smart Incentive - Commercial - Inactive	
PARTICIPANT DEFINITION:	Number of Incentives	
CUSTOMER SECTOR:	Commercial	
REPORTING PERIOD:	January 1, 2014 - December 31, 2014	

New Participants	Existing Building	New Building
Jan	0	0
Feb	0	0
Mar	0	0
Apr	0	0
May	0	0
Jun	0	0
Jul	0	0
Aug	0	0
Sep	0	0
Oct	0	0
Nov	0	0
Dec	0	0
YTD	0	0
PTD	182	69

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	0	125,682,085
Anticipated Peak Demand (kW) Reduction:		
Summer	0	1,519
Winter	0	2,640

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	0.00	0.00	144,039.00
Equipment/Vendor:	0.00	0.00	21,504.00
Promotional:	0.00	0.00	0.00
Customer Incentives:	0.00	0.00	399,592.00
Other Costs:	0.00	0.00	691.00
Total Program Costs	0.00	0.00	565,826.00
Lost Revenues:	0.00	442.00	891,458.00
Efficiency Incentive:	0.00	1,078.00	88,039.00
Maximizing Incentive:	0.00	0.00	281.00
Total Costs	0.00	1,520.00	1,545,604.00

COMMENTS:

This program was discontinued December 31, 2002.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Smart Audit - Industrial - Inactive	
PARTICIPANT DEFINITION:	Number of Audits	
CUSTOMER SECTOR:	Industrial	
REPORTING PERIOD:	January 1, 2014 - December 31, 2014	

New Participants	Class I	Class II
Jan	0	0
Feb	0	0
Mar	0	0
Apr	0	0
May	0	0
Jun	0	0
Jul	0	0
Aug	0	0
Sep	0	0
Oct	0	0
Nov	0	0
Dec	0	0
YTD	0	0
PTD	60	4

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	n/a	n/a
Anticipated Peak Demand (kW) Reduction:		
Summer	n/a	n/a
Winter	n/a	n/a

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	0.00	0.00	5,741.00
Equipment/Vendor:	0.00	0.00	37,786.00
Promotional:	0.00	0.00	0.00
Customer Incentives:	0.00	0.00	0.00
Other Costs:	0.00	0.00	161.00
Total Program Costs	0.00	0.00	43,688.00
Lost Revenues:	0.00	0.00	0.00
Efficiency Incentive:	0.00	0.00	0.00
Maximizing Incentive:	0.00	0.00	2,186.00
Total Costs	0.00	0.00	45,874.00

COMMENTS:

This program was discontinued December 31, 1998.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Smart Incentive - Industrial - Inactive	
PARTICIPANT DEFINITION:	Number of Incentives	
CUSTOMER SECTOR:	Industrial	
REPORTING PERIOD:	January 1, 2014 - December 31, 2014	

New Participants	<u>General</u>	Compressed Air
Jan	0	0
Feb	0	0
Mar	0	0
Apr	0	0
May	0	0
Jun	0	0
Jul	0	0
Aug	0	0
Sep	0	0
Oct	0	0
Nov	0	0
Dec	0	0
YTD	0	0
PTD	1	0

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	0	170,525
Anticipated Peak Demand (kW) Reduction:		
Summer	0	6
Winter	0	6

Costs			
	Retroactive		
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	0.00	0.00	28,385.00
Equipment/Vendor:	0.00	0.00	3,288.00
Promotional:	0.00	0.00	0.00
Customer Incentives:	0.00	0.00	441.00
Other Costs:	0.00	0.00	0.00
Total Program Costs	0.00	0.00	32,114.00
Lost Revenues:	0.00	0.00	0.00
Efficiency Incentive:	0.00	0.00	383.00
Maximizing Incentive:	0.00	0.00	655.00
Total Costs	0.00	0.00	33,152.00

COMMENTS:

This program was discontinued December 31, 1998.

KPSC Case No. 2017-00097 Sierra Club's First Set of Data Requests Dated April 14, 2017 Item No. 10 Attachment 4 Page 30 of 63

DEFINITIONS

- 1) YTD Costs Year-to-Date costs recorded through June 30, 2015.
- 2) YTD Impacts Estimated in place load impacts for Year-to-Date participants.
- 3) PTD Costs Costs recorded from the inception of the program through June 30, 2015
- 4) PTD Impacts Estimated in place load impacts for Program-to-Date participants.

COMMENTS

Our calculations are based on actual participants and costs as of June 30, 2015.

The estimated actual in-place energy (kWh) savings represents the annual energy savings for customers beginning program participation in the reported period. It is computed by applying the average customer annual net energy savings, including 9% T&D losses. The savings are included with the latest program evaluation report or the initially filed program estimate where an evaluation report has not been completed. The estimated actual in place energy (kWH) savings are calculated in accordance with the Sunset Provision contained in the joint application, filed September 27, 1995.

The estimated anticipated peak demand (kW) reduction is a product of the number of net participating customers or measure quantity (excluding free riders) and projected winter/summer demand reductions filed for each program. The anticipated peak demand (kW) reductions include a 10% T&D loss savings.

The calculation of YTD and PTD estimated in place energy (kWh) savings and anticipated peak demand (kW) reductions contained in this status report reflect, wherever applicable, the program evaluation results of each individual program as described in the August 16, 1999, June 30, 2002, June 30, 2005, June 30, 2008, June 30, 2010, August 15, 2011, August 15, 2012, and August 15, 2014, DSM collaborative report.

The individual DSM lost revenue, efficiency incentive and maximizing incentives as of June 30, 1997 are calculated based on the initial values from Exhibit E in the joint application, filed September 27, 1995. A retroactive adjustment of the initial values of the efficiency incentives and net lost revenue KWH impacts was used for each program for the first eighteen months (1/1/96 to 6/30/97). The lost revenue, efficiency incentive and maximizing incentive for the period 1/1/2015 to 6/30/2015 are calculated using the revised values contained in Schedule C of this status report.

The program lost revenue is the product of the number of participating customers, the average net energy savings (kWh) per customer and the net lost revenue (\$/kWh). The number of participating customers is equal to 1/2 of the new participants for the current month, plus the cumulative participants from the previous months. The program-to-date lost revenues are calculated in accordance with the Sunset Provision contained in the joint application, filed September 27, 1995.

The efficiency incentive is the product of the number of participants for the month and the efficiency rate (\$/participant). The maximizing incentive is calculated as 5% of actual program cost for the month.

KENTUCKY POWER COMPANY SUMMARY INFORMATION (ALL PROGRAMS)

As of June 30, 2015

DESCRIPTION	YTD	PTD
Total Revenue Collected	\$2,077,776	\$34,973,828
Total Program Costs	2,324,346	25,718,268
Total Lost Revenues	354,857	7,282,007
Total Efficiency / Maximizing Incentive	276,371	3,176,460
HEAP - Kentucky Power's Information Technology Implementation Costs (Case No 2006 - 00373, Dated December 14, 2006)	0	58,968
HEAP - KACA's Information Technology Implementation Costs	0	15,700
Total DSM Costs As of June 30, 2015	\$2,955,574	\$36,251,403

KENTUCKY POWER COMPANY SUMMARY INFORMATION (ALL PROGRAMS)

As of June 30, 2015

YTD		PTD	
11,314,917	kWh	635,144,834	kWh
12,333,260	kWh	692,307,869	kWh
1,586 1,744 1,465 1.611	kW kW kW kW	36,434 40,077 14,602 16.062	kW kW kW
	11,314,917 12,333,260 1,586 1,744	11,314,917 kWh 12,333,260 kWh 1,586 kW 1,744 kW 1,465 kW	11,314,917 kWh 635,144,834 12,333,260 kWh 692,307,869 1,586 kW 36,434 1,744 kW 40,077 1,465 kW 14,602

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	General Residential Administrative	
CUSTOMER SECTOR:	Residential	
REPORTING PERIOD:	January 1, 2015 - June 30, 2015	

Costs			
		Retroactive	
Description	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Administrative	\$125,143	\$0	\$155,924
Promotion	\$0	\$0	\$0
Other			
Total Costs	\$125,143	\$0	\$155,924

COMMENTS:

Administrative expense represents EE Market Potential Assessment and DSM Program Plan Program Plan services which began Fall 2014. The category will continue to reflect portfolio expenses related to Evaluation, Measurement and Verification work.

The expense forecast for 2015 is \$145,878.

The expense forecast for 2016 is \$109,500.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Targeted Energy Efficiency	
PARTICIPANT DEFINITION:	Number of Households	
CUSTOMER SECTOR:	Residential - Low Income	
REPORTING PERIOD:	January 1, 2015 - June 30, 2015	

New Participants	All Electric	Non All Electric
Jan	12	3
Feb	9	1
Mar	6	0
Apr	12	0
Мау	16	0
Jun	14	0
Jul		
Aug		
Sep		
Oct		
Nov		
Dec		
YTD	69	4
PTD	3,798	1,126

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	172,013	90,582,379
Anticipated Peak Demand (kW) Reduction:		
Summer	56	981
Winter	38	3,344

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	<u> </u>	\$0	\$298,002
Equipment/Vendor:	\$137,585	\$0	\$4,150,757
Promotional:	\$0	\$0	\$0
Customer Incentives:	\$0	\$0	\$0
Other Costs:	\$0	\$0	\$9,553
Total Program Costs	\$137,585	\$0	\$4,458,312
Lost Revenues:	\$20,515	\$1,944	\$977,662
Efficiency Incentive:	\$10,584	\$184	\$180,133
Maximizing Incentive:	\$ 0	\$0	\$123,617
Total Costs	\$168,684	\$2,128	\$5,739,724

COMMENTS:

The Targeted Energy Efficiency Program provides a variety of services, including a home energy audit, weatherization and seal-up to targeted low income customers.

The Equipment / Vendor cost categories includes the cost of labor and materials of measures installed, participant energy education costs and vendor administration costs.

The participant and expense forecast for 2015 is 159 homes and \$294,250. The participant and expense forecast for 2016 is 175 homes and \$352,410 respectively.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM: High Efficiency Heat Pump - Mobile Home		
PARTICIPANT DEFINITION: Number of Units Installed		
CUSTOMER SECTOR: Residential		
REPORTING PERIOD: January 1, 2015 - June 30, 2015		

New Participants		
Jan	17	
Feb	4	
Mar	22	
Apr	20	
May	16	
Jun	34	
Jul		
Aug		
Sep		
Oct		
Nov		
Dec		
YTD	113	
PTD	3,242	

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	193,722	88,766,780
Anticipated Peak Demand (kW) Reduction:		
Summer	-5	631
Winter	52	4,763

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$0	\$0	\$67,774
Equipment/Vendor:	\$5,050	\$0	\$112,855
Promotional:	\$0	\$0	\$3,216
Customer Incentives:	\$38,500	\$0	\$1,355,300
Other Costs:	\$0	\$0	\$1,167
Total Program Costs	\$43,550	\$0	\$1,540,312
Lost Revenues:	\$16,903	\$5,820	\$790,802
Efficiency Incentive:	\$3,668	\$18,331	\$351,113
Maximizing Incentive:	\$0	\$0	\$0
Total Costs	\$64,121	\$24,151	\$2,682,227

COMMENTS:

The High Efficiency Heat Pump - Mobile Home program provides incentives to customers, encouraging them to install the highest efficiency equipment practical.

The participant and expense forecast for 2015 is 236 and \$95,200 respectively. This program will be combined with the Whole House Efficiency program.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION			
PROGRAM: Mobile Home New Construction			
PARTICIPANT DEFINITION: Number of Units Installed			
CUSTOMER SECTOR: Residential			
REPORTING PERIOD:	January 1, 2015 - June 30, 2015		

New Participants	Heat Pump	Air Conditioner
Jan	13	0
Feb	6	0
Mar	16	0
Apr	12	0
May	11	0
Jun	16	0
Jul		
Aug		
Sep		
Oct		
Nov		
Dec		
YTD	74	0
PTD	2,809	2

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	115,989	128,796,093
Anticipated Peak Demand (kW) Reduction:		
Summer	41	948
Winter	36	5,269

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$0	\$0	\$50,872
Equipment/Vendor:	\$3,450	\$0	\$162,963
Promotional:	\$125	\$0	\$5,286
Customer Incentives:	\$35,000	\$0	\$1,411,950
Other Costs:	\$250	\$0	\$5,616
Total Program Costs	\$38,825	\$0	\$1,636,687
Lost Revenues:	\$19,100	\$0	\$749,626
Efficiency Incentive:	\$6,554	\$0	\$215,882
Maximizing Incentive:	\$0	\$0	\$2,580
Total Costs	\$64,479	\$0	\$2,604,775

COMMENTS:

The program provides a financial incentive to new mobile home buyers and trade allies to encourage the installation of of high efficiency heat pumps and upgraded insulation packages to new mobile homes.

The participant and expense forecast for 2015 is 155 heat pumps and \$86,312 respectively. This programs is being combined with the New Manufactured Homes program.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Modified Energy Fitness	
PARTICIPANT DEFINITION: Number of Home Audits		
CUSTOMER SECTOR: Residential		
REPORTING PERIOD:	January 1, 2015 - June 30, 2015	

New Participants		
Jan	192	
Feb	125	
Mar	136	
Apr	157	
May	125	
Jun	202	
Jul		
Aug		
Sep		
Oct		
Nov		
Dec		
YTD	937	
PTD	13,530	

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	815,021	85,625,011
Anticipated Peak Demand (kW) Reduction:		
Summer	155	1,663
Winter	103	5,352

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$0	\$0	\$72,235
Equipment/Vendor:	\$295,142	\$0	\$4,843,538
Promotional:	\$37,107	\$0	\$119,769
Customer Incentives:	\$0	\$0	\$0
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$332,249	\$0	\$5,035,542
Lost Revenues:	\$104,279	\$0	\$1,269,916
Efficiency Incentive:	\$14,608	\$0	\$369,248
Maximizing Incentive:	\$0	\$0	\$0
Total Costs	\$451,136	\$0	\$6,674,706

COMMENTS:

The Modified Energy Fitness program provides energy audits, blower door testing, duct sealing and direct installation of low cost conservation measures to residential customers with electric space heating and electric water heating.

The equipment / vendor cost category includes the cost of labor and materials of measures installed, the cost of promotion by the vendor and vendor administration costs including customer education.

The participant and expense forecast for 2015 is 2,051 and \$987,061 respectively. The program is being combined with the new Whole House Efficiency program.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	High Efficiency Heat Pumps	
PARTICIPANT DEFINITION:	T DEFINITION: Number of Units Installed	
CUSTOMER SECTOR:	Residential	
REPORTING PERIOD:	January 1, 2015 - June 30, 2015	

New Participants	Resistance	Non Resistance
Jan	16	29
Feb	11	21
Mar	28	37
Apr	19	30
May	22	42
Jun	15	65
Jul		
Aug		
Sep		
Oct		
Nov		
Dec		
YTD	111	224
PTD	1,262	2,553

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	363,709	4,207,426
Anticipated Peak Demand (kW) Reduction:		
Summer	30	117
Winter	101	2,992

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$0	\$0	\$36,601
Equipment/Vendor:	\$15,450	\$0	\$214,300
Promotional:	\$6,868	\$0	\$15,049
Customer Incentives:	\$128,200	\$0	\$1,490,760
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$150,518	\$0	\$1,756,710
Lost Revenues:	\$23,680	\$0	\$422,598
Efficiency Incentive:	\$12,050	\$0	\$339,258
Maximizing Incentive:	\$0	\$0	\$17,177
Total Costs	\$186,248	\$0	\$2,535,743

COMMENTS:

This program was implemented to reduce residential electric consumption by replacing older, less efficient electric heating systems with high efficiency heat pumps. Customers are provided an incentive encouraging them to promote the highest efficiency equipment practical.

The participant and expense forecast for 2015 is 196 resistance heat replacement customers, 399 non-resistance heat replacement customers and \$294,500 respectively.

The program is being combined with the new Whole House Efficiency program.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Community Outreach Compact Fluorescent Lamp	
PARTICIPANT DEFINITION:	Number of Customers	
CUSTOMER SECTOR: Residential		
REPORTING PERIOD:	January 1, 2015 - June 30, 2015	

New Participants		
Jan	0	
Feb	0	
Mar	773	
Apr	347	
May	959	
Jun	398	
Jul		
Aug		
Sep		
Oct		
Nov		
Dec		
YTD PTD	2,477 32,108	

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	127,050	2,802,163
Anticipated Peak Demand (kW) Reduction:		
Summer	17	993
Winter	17	1,140

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$0	\$0	\$31,116
Equipment/Vendor:	\$26,455	\$0	\$303,965
Promotional:	\$0	\$0	\$16,703
Administration:	\$0	\$0	\$2,645
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$26,455	\$0	\$354,429
Lost Revenues:	\$8,256	\$0	\$255,453
Efficiency Incentive:	\$1,883	\$0	\$119,463
Maximizing Incentive:	\$0	\$0	\$0
Total Costs	\$36,594	\$0	\$729,345

COMMENTS:

The Community Outreach Compact Fluorescent Lighting (CFL) program is designed to educate and influence residential customers to purchase and use compact fluorescent lighting in their homes. A package of 4 high efficiency CFLs are distributed to customers at scheduled community outreach events.

The participant and expense forecast for 2015 is 5,000 customers and \$40,981 respectively. The participant and expense forecast for 2016 is 4,000 customers and \$67,680 respectively.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION			
PROGRAM:	Energy Education For Students		
PARTICIPANT DEFINITION: Number of Students receiving EE kits			
CUSTOMER SECTOR:	Residential		
REPORTING PERIOD:	January 1, 2015 - June 30, 2015		

New Participants		
Jan	0	
Feb	0	
Mar	0	
Apr	382	
May	201	
Jun	0	
Jul		
Aug		
Sep		
Oct		
Nov		
Dec		
YTD	583	
PTD	11,648	

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	42,576	926,025
Anticipated Peak Demand (kW) Reduction:		
Summer	5	403
Winter	5	312

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$0	\$0	\$21,396
Equipment/Vendor:	\$6,926	\$0	\$109,617
Promotional:	\$0	\$0	\$2,719
Education Workshops	\$0	\$0	\$22,142
Administration	\$0	\$0	\$16,562
Total Program Costs	\$6,926	\$0	\$172,436
Lost Revenues:	\$1,001	\$0	\$98,207
Efficiency Incentive:	\$810	\$0	\$34,154
Maximizing Incentive:	\$0	\$0	\$0
Total Costs	\$8,737	\$0	\$304,797

COMMENTS:

The Energy Education for Students program is designed to partner with the National Energy Education Development Project (NEED) to implement an energy education program for 7th grade students at participating middle schools. The students will be provided a package of four 23 watt CFLs to install in their homes. The program will influence residential customers to purchase and use compact fluorescent lighting in their homes.

The participant and expense forecast for 2015 is 2,083 students and \$31,067 respectively. The participant and expense forecast for 2016 is 2,200 students and \$31,368 respectively.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION			
PROGRAM:	Home Performance		
PARTICIPANT DEFINITION:	Customer Accounts		
CUSTOMER SECTOR:	Residential		
REPORTING PERIOD:	January 1, 2015 - June 30, 2015		

New Participants		<u>New</u>	Cumulative
Jan		0	0
Feb		0	0
Mar		30,000	0
Apr		0	0
May		0	0
Jun		0	0
Jul		0	0
Aug		0	0
Sep		0	0
Oct		0	0
Nov		0	0
Dec		0	0
	YTD	30,000	0
	PTD	0	0

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	2,282,076	2,282,076
Anticipated Peak Demand (kW) Reduction:		
Summer	330	330
Winter	330	330

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$0	\$0	\$0
Equipment/Vendor:	\$273,000	\$0	\$370,000
Promotional:	\$0	\$0	\$0
Customer Incentives:	\$0	\$0	\$0
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$273,000	\$0	\$370,000
Lost Revenues:	\$0	\$0	\$0
Efficiency Incentive:	\$16,200	\$0	\$16,200
Maximizing Incentive:	\$0	\$0	\$0
Total Costs	\$289,200	\$0	\$386,200

COMMENTS:

The Home Performance program provides paper Home Energy Reports and regular email messages to consumers regarding ways the customer can save energy.

The participant and expense forecast for 2015 is 30,000 and \$332,000 respectively. The participant and expense forecast for 2016 is 60,000 and \$604,700 respectively.

KENTUCKY POWER COMPANY

PROGRAM INFORMATION				
PROGRAM: Residential Efficient Products				
PARTICIPANT DEFINITION: Number of Units purchased				
CUSTOMER SECTOR: Residential				
REPORTING PERIOD: January 1, 2015 - June 30, 2015				

New Partici Jan Feb Mar Apr May Jun Jul Aug Sep Oct	pants	Standard CFL 18,112 19,577 25,628 80,349 47,055 36,478	Specialty CFLs 1,667 0 0 0 0 0	Standard LED 1,267 167 1,152 1,728 2,059 1,496	Specialty LED 89 160 649 867 553 536
Nov Dec YTD PTD		227,199 1,066,418	1,667 47,465	7,869 14,889	2,854 2,854
Jan Feb Mar Apr May Jun Jul Aug Sep Oct	Clothes Washer 0 0 0 23 17 27	Dehumidifiers 0 0 14 9 25	Refrigerators 0 0 0 9 10 33	Freezers 0 0 0 0 0 2 5	Heat Pump Water Heater 0 0 0 0 0 1
Nov Dec YTD PTD	67 67	48 48	52 52	7 7	1 1

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	6,622,645	27,519,618
Anticipated Peak Demand (kW) Reduction:		
Summer	704	4,206
Winter	794	5,632

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	Adjustment	Program-To-Date
Total Evaluation	\$0	\$0	\$62,212
Equipment/Vendor:	\$209,810	\$0	\$1,211,014
Promotional:	\$24,823	\$0	\$40,037
Customer Incentives:	\$232,437	\$0	\$1,205,230
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$467,070	\$0	\$2,518,493
Lost Revenues:	\$103,078	\$0	\$700,442
Efficiency Incentive:	\$155,899	\$0	\$779,601
Maximizing Incentive:	\$2,666	\$0	\$5,761
Total Costs	\$728,713	\$0	\$4,004,297

COMMENTS:

The Residential Efficient Products Program will provide incentives and marketing support through retailers to build market share and usage of ENERGY STAR lighting products. Designed to produce long-term energy savings in the residential sector by increasing the market share of ENERGY STAR CFLs and (or) other ENERGY STAR lighting products.

The participant forecast for 2015 is 352,141 ENERGY STAR CFLs and 1,667 Specialty ENERGY STAR CFLs, 30,129 ENERGY STAR LEDs, 9,021 Specialty ENERGY STAR LEDs, 317 ENERGY STAR rated Clothes Washers, 273 ENERGY STAR rated Dehumifiers, 277 ENERGY STAR rated Refrigerators, 42 ENERGY STAR rated Freezers and 6 ENERGY STAR rate Heat Pump Water Heaters. The expense forecast for 2015 is \$1,185,615

The participant forecast for 2016 is 375,000 ENERGY STAR CFLs and 30,000 ENERGY STAR LEDs, 7,500 Specialty ENERGY STAR LEDs, 800 ENERGY STAR rated Clothes Washers, 200 ENERGY STAR rated Dehumifiers, 50 ENERGY STAR rated Air Purifiers The expense forecast for 2016 is \$1,130,845.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION			
PROGRAM:	Appliance Recycling		
PARTICIPANT DEFINITION:	Number of Units Recycled		
CUSTOMER SECTOR:	Residential		
REPORTING PERIOD:	January 1, 2015 - June 30, 2015		

New Recycled Units		Refrigerator	<u>Freezer</u>
Jan		0	0
Feb		0	0
Mar		0	0
Apr		20	7
May		43	9
Jun		51	6
Jul		0	0
Aug		0	0
Sep		0	0
Oct		0	0
Nov		0	0
Dec		0	0
	YTD	114	22
	PTD	114	22

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	107,474	107,474
Anticipated Peak Demand (kW) Reduction:		
Summer	9	9
Winter	9	9

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$0	\$0	\$0
Equipment/Vendor:	\$6,611	\$0	\$6,611
Promotional:	\$1,975	\$0	\$1,975
Customer Incentives:	\$3,950	\$0	\$3,950
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$12,536	\$0	\$12,536
Lost Revenues:	\$0	\$0	\$0
Efficiency Incentive:	\$1,005	\$0	\$1,005
Maximizing Incentive:	\$0	\$0	\$0
Total Costs	\$13,541	\$0	\$13,541

COMMENTS:

The Appliance Recycling program provides incentives to customer who recycle a working second refrigerator or freezer that is in the home. The components of the unit are recycled in an environmentally friendly manner.

The participant and expense forecast for 2015 is 536 and \$83,189 respectively. The participant and expense forecast for 2016 is 575 and \$95,869 respectively.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION			
PROGRAM: New Manfactured Homes			
PARTICIPANT DEFINITION:	Homes		
CUSTOMER SECTOR: Residential			
REPORTING PERIOD:	January 1, 2015 - June 30, 2015		

Manufactured Homes:	1	Energy Efficient	Energy Star
Jan		0	0
Feb		0	0
Mar		0	0
Apr		0	0
May		0	0
Jun		0	0
Jul		0	0
Aug		0	0
Sep		0	0
Oct		0	0
Nov		0	0
Dec		0	0
	YTD	0	0
	PTD	0	0

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	0	0
Anticipated Peak Demand (kW) Reduction:		
Summer	0	0
Winter	0	0

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$0	\$0	\$0
Equipment/Vendor:	\$0	\$0	\$0
Promotional:	\$0	\$0	\$0
Customer Incentives:	\$0	\$0	\$0
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$0	\$0	\$0
Lost Revenues:	\$0	\$0	\$0
Efficiency Incentive:	\$0	\$0	\$0
Maximizing Incentive:	\$0	\$0	\$0
Total Costs	\$0	\$0	\$0

COMMENTS:

The New Manufactured Homes program provides incentives to customers that purchase an energy efficient manufactured home. Two iters of incentives are offered to residential customers.

- 1. Energy Efficient Manufactured Home
- 2. ENERGY STAR manufactured homes

The participant and expense forecast for 2016 is 135 homes and \$171,500 respectively.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM: Whole House Efficiency		
PARTICIPANT DEFINITION: Participants		
CUSTOMER SECTOR: Residential		
REPORTING PERIOD:	January 1, 2015 - June 30, 2015	

Audits & Rebates:	Single Family	Multi-Family	Weatherization	HVAC
Jan	0	0	0	0
Feb	0	0	0	0
Mar	0	0	0	0
Apr	0	0	0	0
May	0	0	0	0
Jun	0	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0
Nov	0	0	0	0
Dec	0	0	0	0
YTD	0	0	0	0
PTD	0	0	0	0

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	0	0
Anticipated Peak Demand (kW) Reduction:		
Summer	0	0
Winter	0	0

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$0	\$0	\$0
Equipment/Vendor:	\$0	\$0	\$0
Promotional:	\$0	\$0	\$0
Customer Incentives:	\$0	\$0	\$0
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$0	\$0	\$0
Lost Revenues:	\$0	\$0	\$0
Efficiency Incentive:	\$0	\$0	\$0
Maximizing Incentive:	\$0	\$0	\$0
Total Costs	\$0	\$0	\$0

COMMENTS:

The program encourages whole-house improvements to existing homes by promoting home energy audits and comprehensive retrofit services. Single family and multi-family residential customer that own or rent a residence and have an electric central cooling or heat pump system are eligible.

The program delivers three options:

- 1. Home Energy Audit
- 2. Weatherization Measures
- 3. HVAC equipment

The participant and expense forecast for 2016 is 1,775 home audits, 150 weatherization and 572 HVAC rebates and \$1,466,636 respectively.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Residential HVAC Diagnostic and Tune-up - Inactive	
PARTICIPANT DEFINITION:	Number of Units receiving service	
CUSTOMER SECTOR:	Residential	
REPORTING PERIOD:	January 1, 2015 - June 30, 2015	

New Participants	Heat Pump	Air Conditioner
Jan		
Feb		
Mar		
Apr		
Мау		
Jun		
Jul		
Aug		
Sep		
Oct		
Nov		
Dec		
YTD	0	0
PTD	1,910	454

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	0	545,143
Anticipated Peak Demand (kW) Reduction:		
Summer	0	250
Winter	0	397

Costs			
	Retroactive		
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$0	\$0	\$30,594
Equipment/Vendor:	\$0	\$0	\$108,975
Promotional:	\$0	\$0	\$15,099
Customer Incentives:	\$0	\$0	\$110,640
Administration:	\$0	\$0	\$0
Other Costs:	\$0	\$0	\$50
Total Program Costs	\$0	\$0	\$265,358
Lost Revenues:	\$2,089	\$1,944	\$36,470
Efficiency Incentive:	\$0	\$184	\$8,930
Maximizing Incentive:	\$0	\$0	\$8,115
Total Costs	\$2,089	\$2,128	\$318,873

COMMENTS:

The Residential HVAC Diagnostic and Tune-up Program provides incentives to customers for a variety of HVAC services including over and under refrigerant charge and other diagnostic performance checks on residential unitary central air conditioning and heat pump units. Central Air Conditioning units were discontinued 12/31/12.

A 2014 portfolio evaluation recommended program termination after the 2014 program year.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Pilot Residential Load Management - Inactive	
PARTICIPANT DEFINITION:	Number of Switches Installed	
CUSTOMER SECTOR:	Residential	
REPORTING PERIOD:	January 1, 2015 - June 30, 2015	

New Participants	A/C Switches	Water Heater SW
Jan		
Feb		
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sep		
Oct		
Nov		
Dec		
YTD	0	0
PTD	65	52

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	0	0
Anticipated Peak Demand (kW) Reduction:		
Summer	0	0
Winter	0	0

Costs			
	Retroactive		
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$0	\$0	\$31,060
Equipment/Vendor:	\$0	\$0	\$293,463
Promotional:	\$0	\$0	\$12,192
Customer Incentives:	\$0	\$0	\$1,516
Other Costs:	\$0	\$0	\$696
Total Program Costs	\$0	\$0	\$338,927
Lost Revenues:	\$0	\$0	\$0
Efficiency Incentive:	\$0	\$0	\$0
Maximizing Incentive:	\$0	\$0	\$0
Total Costs	\$0	\$0	\$338,927

COMMENTS:

The Pilot Residential Load Management Program will determine whether peak demand can be effectively reduced through the installation of load control devices on central air conditioners, heat pumps, and/or electric water heaters. The program was completed December 31, 2012.

The participant and expense forecast for 2013 - 2014 is 0 air conditioners or heat pumps switches and 0 water heating switches. There is no program expenses forecast since the program was completed December 31, 2012.

The participant forecast for 2013 is zero A/C switches and zero water heating switches. The 2013 expenses forecast to complete the program is \$21,036.

Dated April 14, 2017 **KENTUCKY POWER COMPANY** Item No. 10 Attachment 4 Page 48 of 63

PROGRAM INFORMATION		
PROGRAM: Energy Fitness - Inactive		
	Number of Households	
CUSTOMER SECTOR: Residential		
REPORTING PERIOD:	January 1, 2015 - June 30, 2015	

New Participants		
Jan	0	
Feb	0	
Mar	0	
Apr	0	
May	0	
Jun	0	
Jul	0	
Aug	0	
Sep	0	
Oct	0	
Nov	0	
Dec	0	
YTD	0	
PTD	2,812	

Impacts		
	<u>Year-To-Date</u>	Program-To-Date
Estimated in Place Energy (kWh) Savings	0	55,360,221
Anticipated Peak Demand (kW) Reduction:		
Summer	0	441
Winter	0	1,932

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	0.00	0.00	18,189.00
Equipment/Vendor:	0.00	0.00	665,964.00
Promotional:	0.00	0.00	0.00
Customer Incentives:	0.00	0.00	0.00
Other Costs:	0.00	0.00	960.00
Total Program Costs	0.00	0.00	685,113.00
Lost Revenues:	0.00	(19,322.00)	363,029.00
Efficiency Incentive:	0.00	(46,349.00)	63,482.00
Maximizing Incentive:	0.00	0.00	0.00
Total Costs	0.00	(65,671.00)	1,111,624.00

COMMENTS:

This program was discontinued May 14, 1999.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Compact Fluorescent Bulb - Inactive	
PARTICIPANT DEFINITION:	Number of Bulbs Installed	
CUSTOMER SECTOR:	Residential	
REPORTING PERIOD:	January 1, 2015 - June 30, 2015	

New Participants		
Jan	0	
Feb	0	
Mar	0	
Apr	0	
May	0	
Jun	0	
Jul	0	
Aug	0	
Sep	0	
Oct	0	
Nov	0	
Dec	0	
YTD PTD	0 269	

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	0	280,416
Anticipated Peak Demand (kW) Reduction:		
Summer	0	3
Winter	0	3

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	0.00	0.00	60.00
Equipment/Vendor:	0.00	0.00	15,021.00
Promotional:	0.00	0.00	0.00
Customer Incentives:	0.00	0.00	0.00
Other Costs:	0.00	0.00	0.00
Total Program Costs	0.00	0.00	15,081.00
Lost Revenues:	0.00	25.00	1,605.00
Efficiency Incentive:	0.00	8.00	433.00
Maximizing Incentive:	0.00	0.00	0.00
Total Costs	0.00	33.00	17,119.00

COMMENTS:

This program was discontinued December 31, 1996

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	High Efficiency Heat Pumps Retro - Inactive	
PARTICIPANT DEFINITION:	Number of Units Installed	
CUSTOMER SECTOR:	Residential	
REPORTING PERIOD:	January 1, 2015 - June 30, 2015	

New Participants	Resistance	Non Resistance
Jan	0	0
Feb	0	0
Mar	0	0
Apr	0	0
May	0	0
Jun	0	0
Jul	0	0
Aug	0	0
Sep	0	0
Oct	0	0
Nov	0	0
Dec	0	0
YTD	0	0
PTD	1,367	929

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	0	71,026,985
Anticipated Peak Demand (kW) Reduction:		
Summer	0	851
Winter	0	2,995

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	0.00	0.00	12,885.00
Equipment/Vendor:	0.00	0.00	129,767.00
Promotional:	0.00	0.00	0.00
Customer Incentives:	0.00	0.00	70,500.00
Other Costs:	0.00	0.00	1,160.00
Total Program Costs	0.00	0.00	214,312.00
Lost Revenues:	0.00	(269.00)	368,960.00
Efficiency Incentive:	0.00	(2,196.00)	48,017.00
Maximizing Incentive:	0.00	0.00	5.00
Total Costs	0.00	(2,465.00)	631,294.00

COMMENTS:

This program was discontinued December 31, 2001.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	General Commercial Administrative	
CUSTOMER SECTOR:	Commercial	
REPORTING PERIOD:	January 1, 2015 - June 30, 2015	

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Administrative	\$189,121	\$0	\$206,182
Promotion	\$0	\$0	\$0
Other	\$0	\$0	\$0
Total Costs	\$189,121	\$0	\$206,182

COMMENTS:

Administrative expense represents Market Potential Study and program design services which began Fall 2014. The category will continue to reflect portfolio expenses related to Evaluation, Measurement and Verification work.

The expense forecast for 2015 is \$213,291.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Commercial High Efficiency HP/AC	
PARTICIPANT DEFINITION:	Number of Units Installed	
CUSTOMER SECTOR:	Commercial	
REPORTING PERIOD:	January 1, 2015 - June 30, 2015	

New Participants	Heat Pump	Air Conditioner
Jan	1	0
Feb	0	0
Mar	3	0
Apr	1	0
Мау	1	0
Jun	1	0
Jul		
Aug		
Sep		
Oct		
Nov		
Dec		
YTD	7	0
PTD	67	4

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	5,299	44,805
Anticipated Peak Demand (kW) Reduction:		
Summer	4	17
Winter	2	30

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$0	\$0	\$28,806
Equipment/Vendor:	\$350	\$0	\$3,550
Promotional:	\$0	\$0	\$24,719
Customer Incentives:	\$2,700	\$0	\$26,350
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$3,050	\$0	\$83,425
Lost Revenues:	\$264	\$0	\$2,498
Efficiency Incentive:	\$0	\$0	\$1,224
Maximizing Incentive:	\$153	\$0	\$2,996
Total Costs	\$3,467	\$0	\$90,143

COMMENTS:

The Commercial High Efficiency Heat Pump/Air Conditioner program offers financial incentive to small commercial customers (< 100 kW demand) who upgrade to a new qualifying central air conditioner or heat pump with a Consortium for Energy Efficiency (CEE) rating. Applicable for 5 ton units or less.

The participant and expense forecast for 2015 is 2 central air conditioners and 14 heat pumps with a program budget of \$13,700.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Commercial Incentive	
PARTICIPANT DEFINITION:	Number of Participants Projects Installed	
CUSTOMER SECTOR:	Commercial	
REPORTING PERIOD:	January 1, 2015 - June 30, 2015	

New Participants	Projects Installed	
Jan	1	
Feb	14	
Mar	22	
Apr	8	
May	8	
Jun	15	
Jul		
Aug		
Sep		
Oct		
Nov		
Dec		
YTD	68	
PTD	670	

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	1,394,420	7,246,709
Anticipated Peak Demand (kW) Reduction:		
Summer	232	2,588
Winter	224	2,560

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$0	\$0	\$142,391
Equipment/Vendor:	\$288,051	\$0	\$1,893,544
Promotional:	\$9,938	\$0	\$73,135
Customer Incentives:	\$220,329 \$0 \$1,733,432		\$1,733,432
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$518,318	\$0	\$3,842,502
Lost Revenues:	\$55,607	\$0	\$345,408
Efficiency Incentive:	\$50,291	\$0	\$224,047
Maximizing Incentive:	\$0	\$0	\$102,031
Total Costs	\$624,216	\$0	\$4,513,988

COMMENTS:

The Commercial Incentive program offers energy savings for all commercial business customers through promotion of high efficiency electric lighting, HVAC, pumps, and motors. Primary objectives include; increasing the market share and installation rate of high efficiency technologies, and improving the operating efficiencies of existing long life equipment for commercial customers.

The participant and expense forecast for 2015 is 200 customers and \$1,421,970. The program will be modified in 2016 to include only prescriptive and custom services. The 2016 participant and expense forecast is 170 and \$1,023,984 respectively. The 2016 program design will include prescriptive and custom measures.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	School Energy Manager Program	
PARTICIPANT DEFINITION:	School District Participation	
CUSTOMER SECTOR:	Commercial	
REPORTING PERIOD:	January 1, 2015 - June 30, 2015	

Participating Schools	<u>Districts</u>	
Jan	5	
Feb	5	
Mar	5	
Apr	5	
May	5	
Jun	5	
Jul	0	
Aug	0	
Sep	0	
Oct	0	
Nov	0	
Dec	0	

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	91,266	206,377
Anticipated Peak Demand (kW) Reduction:		
Summer	33	33
Winter	33	272

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$0	\$0	\$0
Equipment/Vendor:	\$0	\$0	\$0
Promotional:	\$0	\$0	\$0
Customer Incentives:	\$0	\$0	\$0
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$0	\$0	\$0
Lost Revenues:	\$0	\$0	\$0
Efficiency Incentive:	\$0	\$0	\$0
Maximizing Incentive:	\$0	\$0	\$0
Total Costs	\$0	\$0	\$0

COMMENTS:

The first phase of the School Energy Manager program was not expensed to DSM. The first phase consisted of a total of eight potential school districts that could participate with the program. The following five school districts participated for 2014:By end of year program; Carter, Johnson, Martin, Lawrence and, Paintsville.

The second phase of the program expands to include a potential of 23 school districts beginning July 2015. The DSM program budget for the 2nd phase of the program will be \$200,000. Actual school district start date and participation is dependent on the school district contractual agreement with Kentucky School Board Association (KSBA).

The expense forecast for 2016 is \$203,000 (includes \$3,000 for process evaluation).

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Express Install	
PARTICIPANT DEFINITION:	Completed Customer Project	
CUSTOMER SECTOR:	Commercial	
REPORTING PERIOD:	January 1, 2015 - June 30, 2015	

Participation:		Completed Projects	
Jan			
Feb			
Mar			
Apr			
May			
Jun			
Jul			
Aug			
Sep			
Oct			
Nov			
Dec			
	YTD	0	
	PTD	0	

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	0	0
Anticipated Peak Demand (kW) Reduction:		
Summer	0	0
Winter	0	0

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$0	\$0	\$0
Equipment/Vendor:	\$0	\$0	\$0
Promotional:	\$0	\$0	\$0
Customer Incentives:	\$0	\$0	\$0
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$0	\$0	\$0
Lost Revenues:	\$0	\$0	\$0
Efficiency Incentive:	\$0	\$0	\$0
Maximizing Incentive:	\$0	\$0	\$0
Total Costs	\$0	\$0	\$0

COMMENTS:

The program offers small commercial customers an energy assessment that includes information on potential energy savings and anticipated payback. Incentives are available for up to 70% of the equipment and installation cost. The program strategy includes three components:

- 1. Walk-Through Audit
- 2. Direct Installation of Measures
- 3. Customer Education

The participant and expense forecast for 2016 is 40 customer projects and \$392,631.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	New Construction	
PARTICIPANT DEFINITION:	Completed Customer Project	
CUSTOMER SECTOR:	Commercial	
REPORTING PERIOD:	January 1, 2015 - June 30, 2015	

Participation:	Completed Projects
Jan	
Feb	
Mar	
Apr	
May	
Jun	
Jul	
Aug	
Sep	
Oct	
Nov	
Dec	
Y	
P1	0

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	0	0
Anticipated Peak Demand (kW) Reduction:		
Summer	0	0
Winter	0	0

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$0	\$0	\$0
Equipment/Vendor:	\$0	\$0	\$0
Promotional:	\$0	\$0	\$0
Customer Incentives:	\$0	\$0	\$0
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$0	\$0	\$0
Lost Revenues:	\$0	\$0	\$0
Efficiency Incentive:	\$0	\$0	\$0
Maximizing Incentive:	\$0	\$0	\$0
Total Costs	\$0	\$0	\$0

COMMENTS:

The program encourages decision-makers in new construction and major reovation projects to incorporate greater energy efficiency into their building design and construction practices. Participation includes two components:

- 1. Whole Building Approach
- 2. Systems Approach

The participant and expense forecast for 2016 is 8 customer projects and \$71,370.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Retro-Commissioning	
PARTICIPANT DEFINITION:	Customer Project	
CUSTOMER SECTOR:	Commercial	
REPORTING PERIOD:	January 1, 2015 - June 30, 2015	

Participation:	Completed Projects
Jan	
Feb	
Mar	
Apr	
May	
Jun	
Jul	
Aug	
Sep	
Oct	
Nov	
Dec	
YTD PTD	0 0

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	0	0
Anticipated Peak Demand (kW) Reduction:		
Summer	0	0
Winter	0	0

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	<u></u> \$0	\$0	\$0
Equipment/Vendor:	\$0	\$0	\$0
Promotional:	\$0	\$0	\$0
Customer Incentives:	\$0	\$0	\$0
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$0	\$0	\$0
Lost Revenues:	\$0	\$0	\$0
Efficiency Incentive:	\$0	\$0	\$0
Maximizing Incentive:	\$0	\$0	\$0
Total Costs	\$0	\$0	\$0

COMMENTS:

The program provides a study to optimize customer's building automation systems. Eligible customers receive one of the following fully funded studies based upon the building size:

- 1. RCx Lite: Buildings with 50,000 and 150,000 square feet and 150 to 500 kW peak demand.
- 2. RCx Standard: Buildings larger than 150,000 square feet and with greater than 500 kW peak demand.

The participant and expense forecast for 2016 is 5 customer projects and \$205,342.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Commercial HVAC Diagnostic and Tune-up - Inactive	
PARTICIPANT DEFINITION:	Number of Units receiving service	
CUSTOMER SECTOR:	Commercial	
REPORTING PERIOD:	January 1, 2015 - June 30, 2015	

New Participants	Heat Pump	Air Conditioner
Jan	0	0
Feb	0	0
Mar	0	0
Apr	0	0
May	0	0
Jun	0	0
Jul		
Aug		
Sep		
Oct		
Nov		
Dec		
YTD	0	0
PTD	242	84

Impacts		
	<u>Year-To-Date</u>	Program-To-Date
Estimated in Place Energy (kWh) Savings	0	129,558
Anticipated Peak Demand (kW) Reduction:		
Summer	0	73
Winter	0	99

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$0	\$0	\$26,347
Equipment/Vendor:	\$0	\$0	\$14,525
Promotional:	\$0	\$0	\$13,177
Customer Incentives:	\$0	\$0	\$21,450
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$0	\$0	\$75,499
Lost Revenues:	\$85	\$0	\$7,873
Efficiency Incentive:	\$0	\$0	\$3,496
Maximizing Incentive:	\$0	\$0	\$2,415
Total Costs	\$85	\$0	\$89,283

COMMENTS:

The Commercial HVAC Diagnostic and Tune-up Program provides a variety of HVAC services, including diagnostic performance checks on commercial unitary central air conditioning and heat pump units.

The Equipment / Vendor cost include the cost of incentives for participating HVAC dealers promotion of the program. Central Air Conditioning units were discontinued 12/31/12.

The 2014 portfolio evaluation recommended program termination after the 2014 program year.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Pilot Commercial Load Management - Inactive	
PARTICIPANT DEFINITION:	Number of Switches Installed	
CUSTOMER SECTOR:	Commercial	
REPORTING PERIOD:	January 1, 2015 - June 30, 2015	

New Participants	Heat Pump	Air Conditioner
Jan		
Feb		
Mar		
Apr		
May		
Jun		
Jul		
Aug		
Sep		
Oct		
Nov		
Dec		
YTD	0	0
PTD	0	0

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	0	0
Anticipated Peak Demand (kW) Reduction:		
Summer	0	0
Winter	0	0

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	\$0	\$0	\$17,939
Equipment/Vendor:	\$0	\$0	\$30,000
Promotional:	\$0	\$0	\$240
Customer Incentives:	\$0	\$0	\$0
Other Costs:	\$0	\$0	\$0
Total Program Costs	\$0	\$0	\$48,179
Lost Revenues:	\$0	\$0	\$0
Efficiency Incentive:	\$0	\$0	\$0
Maximizing Incentive:	\$0	\$0	\$0
Total Costs	\$0	\$0	\$48,179

COMMENTS:

The Pilot Commercial Load Management Program will determine whether peak demand can be effectively reduced through the installation of load control devices on central air conditioners, heat pumps, and/or electric water heaters. The pilot program was completed December 31, 2012.

The participant and expense forecast for 2013 is 0 air conditioner switches and 0 water heater switches. Program expenses for 2013 are complete and total \$1,500.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Smart Audit - Commercial - Inactive	
PARTICIPANT DEFINITION:	Number of Audits	
CUSTOMER SECTOR:	Commercial	
REPORTING PERIOD:	January 1, 2015 - June 30, 2015	

New Participants	Class I	Class II
Jan	0	0
Feb	0	0
Mar	0	0
Apr	0	0
May	0	0
Jun	0	0
Jul	0	0
Aug	0	0
Sep	0	0
Oct	0	0
Nov	0	0
Dec	0	0
YTD	0	0
PTD	1,952	194

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	n/a	n/a
Anticipated Peak Demand (kW) Reduction:		
Summer	n/a	n/a
Winter	n/a	n/a

Costs			
		Retroactive	
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	0.00	0.00	30,661.00
Equipment/Vendor:	0.00	0.00	1,268,176.00
Promotional:	0.00	0.00	0.00
Customer Incentives:	0.00	0.00	0.00
Other Costs:	0.00	0.00	(8,156.00)
Total Program Costs	0.00	0.00	1,290,681.00
Lost Revenues:	0.00	0.00	0.00
Efficiency Incentive:	0.00	0.00	0.00
Maximizing Incentive:	0.00	0.00	64,533.00
Total Costs	0.00	0.00	1,355,214.00

COMMENTS:

This program was discontinued December 31, 2002.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM:	Smart Incentive - Commercial - Inactive	
PARTICIPANT DEFINITION:	Number of Incentives	
CUSTOMER SECTOR:	Commercial	
REPORTING PERIOD:	January 1, 2015 - June 30, 2015	

New Participants	Existing Building	New Building
Jan	0	0
Feb	0	0
Mar	0	0
Apr	0	0
May	0	0
Jun	0	0
Jul	0	0
Aug	0	0
Sep	0	0
Oct	0	0
Nov	0	0
Dec	0	0
YTD	0	0
PTD	182	69

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	0	125,682,085
Anticipated Peak Demand (kW) Reduction:		
Summer	0	1,519
Winter	0	2,640

Costs			
	Retroactive		
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	0.00	0.00	144,039.00
Equipment/Vendor:	0.00	0.00	21,504.00
Promotional:	0.00	0.00	0.00
Customer Incentives:	0.00	0.00	399,592.00
Other Costs:	0.00	0.00	691.00
Total Program Costs	0.00	0.00	565,826.00
Lost Revenues:	0.00	442.00	891,458.00
Efficiency Incentive:	0.00	1,078.00	88,039.00
Maximizing Incentive:	0.00	0.00	281.00
Total Costs	0.00	1,520.00	1,545,604.00

COMMENTS:

This program was discontinued December 31, 2002.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM: Smart Audit - Industrial - Inactive		
PARTICIPANT DEFINITION: Number of Audits		
CUSTOMER SECTOR: Industrial		
REPORTING PERIOD: January 1, 2015 - June 30, 2015		

New Participants	Class I	Class II
Jan	0	0
Feb	0	0
Mar	0	0
Apr	0	0
May	0	0
Jun	0	0
Jul	0	0
Aug	0	0
Sep	0	0
Oct	0	0
Nov	0	0
Dec	0	0
YTD	0	0
PTD	60	4

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	n/a	n/a
Anticipated Peak Demand (kW) Reduction:		
Summer	n/a	n/a
Winter	n/a	n/a

Costs			
	Retroactive		
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	0.00	0.00	5,741.00
Equipment/Vendor:	0.00	0.00	37,786.00
Promotional:	0.00	0.00	0.00
Customer Incentives:	0.00	0.00	0.00
Other Costs:	0.00	0.00	161.00
Total Program Costs	0.00	0.00	43,688.00
Lost Revenues:	0.00	0.00	0.00
Efficiency Incentive:	0.00	0.00	0.00
Maximizing Incentive:	0.00	0.00	2,186.00
Total Costs	0.00	0.00	45,874.00

COMMENTS:

This program was discontinued December 31, 1998.

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KENTUCKY POWER COMPANY

PROGRAM INFORMATION		
PROGRAM: Smart Incentive - Industrial - Inactive		
PARTICIPANT DEFINITION: Number of Incentives		
CUSTOMER SECTOR: Industrial		
REPORTING PERIOD: January 1, 2015 - June 30, 2015		

New Participants	General	Compressed Air
Jan	0	0
Feb	0	0
Mar	0	0
Apr	0	0
May	0	0
Jun	0	0
Jul	0	0
Aug	0	0
Sep	0	0
Oct	0	0
Nov	0	0
Dec	0	0
YTD	0	0
PTD	1	0

Impacts		
	Year-To-Date	Program-To-Date
Estimated in Place Energy (kWh) Savings	0	170,525
Anticipated Peak Demand (kW) Reduction:		
Summer	0	6
Winter	0	6

Costs			
	Retroactive		
<u>Description</u>	Year-To-Date	<u>Adjustment</u>	Program-To-Date
Total Evaluation	0.00	0.00	28,385.00
Equipment/Vendor:	0.00	0.00	3,288.00
Promotional:	0.00	0.00	0.00
Customer Incentives:	0.00	0.00	441.00
Other Costs:	0.00	0.00	0.00
Total Program Costs	0.00	0.00	32,114.00
Lost Revenues:	0.00	0.00	0.00
Efficiency Incentive:	0.00	0.00	383.00
Maximizing Incentive:	0.00	0.00	655.00
Total Costs	0.00	0.00	33,152.00

COMMENTS:

This program was discontinued December 31, 1998.