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April 20, 2011

HAND DELIVERED

Jeff R. Derouen
Executive Director
Public Service Commission
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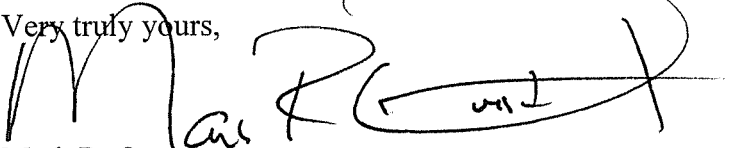
RECEIVED
APR 20 2011
PUBLIC SERVICE
COMMISSION

RE: Case No. 2011-00055

Dear Mr. Derouen:

Please accept for filing the enclosed original and six copies of Kentucky Power Company's responses to Commission Staff's Second Set of Data Requests.

Very truly yours,


Mark R. Overstreet

MRO

RECEIVED

APR 20 2011

**PUBLIC SERVICE
COMMISSION**

COMMONWEALTH OF KENTUCKY

BEFORE THE

PUBLIC SERVICE COMMISSION OF KENTUCKY

IN THE MATTER OF

**JOINT APPLICATION PURSUANT TO 1994 HOUSE)
BILL NO. 501 FOR THE APPROVAL OF KENTUCKY)
POWER COMPANY'S COLLABORATIVE DEMAND-SIDE)
MANAGEMENT PROGRAMS, AND FOR AUTHORITY)
TO IMPLEMENT A TARIFF TO RECOVER COSTS,)
NET LOST REVENUES AND RECEIVE INCENTIVES)
ASSOCIATED WITH THE IMPLEMENTATION OF THE)
KENTUCKY POWER COMPANY COLLABORATIVE)
DEMAND-SIDE MANAGEMENT PROGRAMS)**

**CASE NO.
2011-00055**

**KENTUCKY POWER COMPANY RESPONSES TO
COMMISSION STAFF'S SECOND SET OF DATA REQUESTS**

April 20, 2011

Kentucky Power Company

REQUEST

For the first quarter of 2011, list, by program, the actual number of participants in the demand-side management ("DSM") programs versus Kentucky Power's proposed number of participants.

RESPONSE

The projected 1st quarter data was completed January 24, 2011, and was included with the status report presented to the DSM collaborative on February 1, 2011.

PROGRAM DESCRIPTION	ACTUAL QTR 1	PROJECTED QTR 1
Targeted Energy Efficiency - All Electric	58	67
Targeted Energy Efficiency - Non All Electric	3	10
High Efficiency Heat Pump - Mobile Home	38	39
Mobile Home New Construction	37	41
Modified Energy Fitness Program	296	300
Energy Education for Students	481	501
Community Outreach CFL	281	600
High Efficiency Heat Pump - Resistance Heat	78	55
High Efficiency Heat Pump - Non Resistance Heat	93	130
Residential HVAC HP Diagnostic and Tune Up	40	53
Residential HVAC AC Diagnostic and Tune Up	0	81
Commercial HVAC HP Diagnostic and Tune Up	0	6
Commercial HVAC AC Diagnostic and Tune Up	0	33
Residential Efficient Products *	0	17980
Residential Load Mngt A/C	0	0
Residential Load Mngt Water Htg.	0	0
Commercial Load Mngt A/C	0	0
Commercial Load Mngt Water Htg.	0	0
Commercial High Efficiency AC Replacement	0	16
Commercial High Efficiency HP Replacement	0	2
Commercial Incentive	0	14

* The contracting agreement for the Residential Efficient Products programs became effective in February 2011 with program participants not available until the second quarter of 2011 pending contractor/consultant validation of the data.

WITNESS: E. J. Clayton

Kentucky Power Company

REQUEST

The spreadsheets, including all formulas, provided in the CD filed with Kentucky Power's April 6, 2011 data responses were reviewed by Commission Staff. Refer to the spreadsheet titled Commercial - Lost Revenues Factors - December 2010 on the filed CD. The spreadsheet tabs labeled "Commercial Incentive Program, Commercial High Efficiency Heat Pump/ Air Conditioners Program - Air Conditioner and Commercial High Efficiency Heat Pump 1 Air conditioners Program - Heat Pump Replacement" provide the following information:

Program	Annual Average Reduction	Average Monthly Reduction	Lost Revenue Factor per kWh
Commercial Incentive Program	14,956	4,842.8333	\$0.025657
Commercial High Efficiency Heat Pump/Air Conditioner Air Conditioner	137	26.0833	\$0.14803
Commercial High Efficiency Heat Pump/ Air Conditioner-Heat Pump Replacement	137	103.3333	\$0.58599

- a. Is the Average Monthly Reduction 1/12 of the Annual Average Reduction?
- b. If the answer to 2.a. is no, does the following table of information more accurately represent an Average Monthly Reduction that is 1/12 of the Average Annual Reduction? Explain in detail.

Program	Annual Average Reduction	Average Monthly Reduction
Commercial Incentive Program	14,956	1,246.3333
Commercial High Efficiency Heat Pump/Air Conditioner- Air Conditioner	137	11.4167
Commercial High Efficiency Heat Pump/Air Conditioner- Heat Pump Replacement	137	11.4167

- c. If the table of information in 2.b. is correct, then does lost revenue account for the changes in the listed programs? Explain in detail.
- d. If the answer to 2.c. is yes, provide a revised Exhibit C and lost revenue factor schedules in electronic format with all formulas and assumptions intact.

RESPONSE

- a. The Average Monthly Reduction is not 1/12 of the Annual Average Reduction.
- b. The table of information does represent an Average Monthly Reduction that is 1/12 of the Average Annual Reduction.
- c. The lost revenue factors have been recalculated. Exhibit C, pages 17A-2 and 17B-2 have been corrected based on the new lost revenue factors.
- d. A revised Exhibit C, including lost revenue factor schedules in electronic format with all formulas and assumptions intact, is enclosed on CD.

WITNESS: Lila P. Munsey

KENTUCKY POWER COMPANY		Exhibit C					PAGE 1 of 19	
DERIVATION OF 3 SECTOR SURCHARGES FOR 3 YR EXPERIMENT								
RESIDENTIAL SECTOR								
	TOTAL YEARS 1 thru 14	YEAR 15 (2010)	YEAR 15 (2010)	YEAR 16 (2011)	YEAR 16 (2011)	TOTAL		
	(1)	1st HALF (2)	2nd HALF (3)	1st QTR (4)	2nd, 3rd & 4th QTRs (5)	(6)		
1	CURRENT PERIOD AMOUNT TO BE RECOVERED	\$12,267,626	\$1,021,058	\$1,125,058	\$632,081	\$3,033,587	\$18,079,410	
2	CUMULATIVE (OVER)/UNDER COLLECTION	0	519,414	631,736	427,163	(260,969)	-	
3	18 MOS. RETROACTIVE(OVER)/UNDER ADJUSTMENT	(41,824)	0	0	0	0	(41,824)	
4	TOTAL TO BE RECOVERED	12,225,802	1,540,472	1,756,794	1,059,244	2,772,618	18,037,586	
5	TOTAL AMOUNT RECOVERED	11,706,042	908,736	1,329,631	0	0	13,944,409	
6	EXPECTED FUTURE RECOVERIES	0	0	0	1,320,213	1,256,009	2,576,222	
7	TRANSFER PORTION OF BALANCE FROM INDUSTRIAL	(9,833)	0	0	0	0	(9,833)	
8	TRANSFER PORTION OF BALANCE FROM COMMERCIAL	9,487	0	0	0	0	9,487	
9	(OVER)/UNDER COLLECTION TO BE REFUNDED	\$519,414	\$631,736	\$427,163	(\$260,969)	\$1,516,609	\$1,516,609	
		=====	=====	=====	=====	=====	=====	
10	AMOUNT TO BE RECOVERED					\$2,772,618		
11	ADJ. ESTIMATED SECTOR KWH - YEAR 16				818,990,900	1,622,751,200		
SURCHARGE RANGE (\$ PER KWH)								
12	FLOOR (CARRYOVER)	COL. 5, L 2 / COL. 5, L 11					(0.000161)	
13	MIDPOINT - proposed rate				0.001612		0.000774	
14	CEILING (TOTAL COST)	COL. 5, L 4 / COL. 5, L 11					0.001709	
COMMERCIAL SECTOR								
	TOTAL YEARS 1 thru 14	YEAR 15 (2010)	YEAR 15 (2010)	YEAR 16 (2011)	YEAR 16 (2011)	TOTAL		
	(1)	1st HALF (2)	2nd HALF (3)	1st QTR (3)	2nd, 3rd & 4th QTRs (4)	(5)		
15	CURRENT PERIOD AMOUNT TO BE RECOVERED	\$2,899,298	\$0	\$155	\$162,171	\$939,980	\$4,001,604	
16	CUMULATIVE (OVER)/UNDER COLLECTION	0	0	0	(20,360)	119,027	0	
17	18 MOS. RETROACTIVE(OVER)/UNDER ADJUSTMENT	1,520	0	0	0	0	1,520	
18	TOTAL TO BE RECOVERED	2,900,818	0	155	141,811	1,059,007	4,003,124	
19	TOTAL AMOUNT RECOVERED	2,888,053	0	20,515	0	0	2,908,568	
20	EXPECTED FUTURE RECOVERIES	0	0	0	22,784	589,595	612,379	
21	TRANSFER PORTION OF BALANCE FROM INDUSTRIAL	(3,278)	0	0	0	0	(3,278)	
22	TRANSFER BALANCE TO RESIDENTIAL	(9,487)	0	0	0	0	(9,487)	
22	(OVER)/UNDER COLLECTION TO BE REFUNDED	\$0	\$0	(\$20,360)	\$119,027	\$469,412	\$469,412	
		=====	=====	=====	=====	=====	=====	
23	AMOUNT TO BE RECOVERED					\$1,059,007		
24	ADJ. ESTIMATED SECTOR KWH - YEAR 16				367,481,800	1,056,622,000		
SURCHARGE RANGE (\$ PER KWH)								
25	FLOOR (CARRYOVER)						0.000113	
26	MIDPOINT - proposed rate				0.000062		0.000558	
27	CEILING (TOTAL COST)						0.001002	
INDUSTRIAL SECTOR								
	TOTAL YEARS 1 thru 14	YEAR 15 (2010)	YEAR 15 (2010)	YEAR 16 (2011)	YEAR 16 (2011)	TOTAL		
	(1)	1st HALF (2)	2nd HALF (3)	1st QTR (3)	2nd, 3rd & 4th QTRs (4)	(5)		
28	CURRENT PERIOD AMOUNT TO BE RECOVERED	\$79,026	\$0	\$0	\$0	\$0	\$79,026	
29	CUMULATIVE (OVER)/UNDER COLLECTION	0	0	0	0	0	0	
30	18 MOS. RETROACTIVE(OVER)/UNDER ADJUSTMENT	0	0	0	0	0	0	
31	TOTAL TO BE RECOVERED	79,026	0	0	0	0	79,026	
32	TOTAL AMOUNT RECOVERED	92,137	0	0	0	0	92,137	
33	EXPECTED FUTURE RECOVERIES	0	0	0	0	0	0	
34	TRANSFER BALANCE TO RESIDENTIAL & COMMERCIAL	13,111	0	0	0	0	13,111	
35	(OVER)/UNDER COLLECTION TO BE REFUNDED	\$0	\$0	\$0	\$0	\$0	\$0	
		=====	=====	=====	=====	=====	=====	
36	AMOUNT TO BE RECOVERED					\$0		
37	ADJ. ESTIMATED SECTOR KWH - YEAR 16				835,059,400	2,454,683,000		
SURCHARGE RANGE (\$ PER KWH)								
38	FLOOR (CARRYOVER)						0.000000	
39	MIDPOINT				0.000000		0.000000	
40	CEILING (TOTAL COST) - proposed rate						0.000000	

Year 2011	NEW PARTICIPANT		CUMULATIVE PARTICIPANT	AVERAGE ESTIMATED PROGRAM COSTS	TOTAL ESTIMATED PROGRAM COSTS	NET LOST REVENUE	TOTAL ENERGY SAVINGS	NET LOST REVENUE (SIKWH)	EFFICIENCY INCENTIVE	MAXIMIZING INCENTIVE	TOTAL ESTIMATED COSTS TO BE
PROGRAM DESCRIPTIONS	NUMBER (1)	NUMBER (2)	PER PARTICIPANT COSTS (3)	TOTAL ESTIMATED PROGRAM COSTS (4)	REVENUE (7)	(KWH/ PARTICIPANT) (5)	KWH/ QTR (6)	(SIKWH) (7)	(EX. C. PG.18B) (9)	(% of COSTS) (10)	RECOVERED (12)
			(4)/(1)				(2)X(5)			(4)X(5%) (9)X(10)	(4)X(9)+(11)
KENTUCKY POWER COMPANY ESTIMATED SECTOR SURCHARGES FOR 3 YEAR PROGRAM											19
YEAR 16 (1st QTR)											
RESIDENTIAL PROGRAMS											
Energy Fitness	0	0	\$0.00	\$0	0	0	0	\$0.00000	\$0	\$0	\$0
Targeted Energy Efficiency											
- All Electric	67	824	\$1,104.12	\$73,976	508	418,592	\$0.05746	\$5,174	\$5,174	\$0	\$103,202
- Non-All Electric	10	209	\$246.80	\$2,468	284	59,356	\$0.05746	\$3,411	\$617	\$0	\$6,496
Compact Fluorescent Bulb	0	0	\$0.00	\$0	0	0	0	\$0.00000	\$0	\$0	\$0
High - Efficiency Heat Pump											
- Resistance Heat	0	0	\$0.00	\$0	0	0	0	\$0.00000	\$0	\$0	\$0
- Non Resistance Heat	0	0	\$0.00	\$0	0	0	0	\$0.00000	\$0	\$0	\$0
High - Efficiency Heat Pump											
- Mobile Home	39	537	\$493.49	\$19,246	437	234,669	\$0.05750	\$13,493	\$5,460	\$0	\$38,199
Mobile Home New Construction											
- Heat Pump	41	630	\$594.56	\$24,377	430	270,900	\$0.05745	\$15,563	\$4,574	\$0	\$44,514
- Air Conditioner	0	0	\$0.00	\$0	0	0	0	\$0.00000	\$0	\$0	\$0
Modified Energy Fitness	300	3,026	\$379.17	\$113,750	217	656,642	\$0.05752	\$37,770	\$14,931	\$0	\$166,451
High Efficiency Heat Pump											
- Resistance Heat Replacement	55	278	\$509.96	\$28,048	939	261,042	\$0.05748	\$15,005	\$26,296	\$0	\$69,349
- Heat Pump Replacement	130	573	\$452.21	\$58,787	150	85,950	\$0.05750	\$4,942	\$0	\$2,939	\$66,668
Energy Education for Student Program (NEED)	501	1,788	\$15.50	\$7,766	37	66,326	\$0.05714	\$3,801	\$2,485	\$0	\$14,082
Community Outreach Program (CFL)	600	4,976	\$12.61	\$7,563	45	224,010	\$0.05768	\$12,921	\$2,994	\$0	\$23,478
Residential Efficient Products											
- Compact Fluorescent Lamp (CFL)	17,900	4,983	\$3.71	\$66,451	8	39,864	\$0.05818	\$2,319	\$12,351	\$0	\$81,131
- Specialty Bulbs	80	13	\$5.31	\$425	7	91	\$0.05793	\$5	\$84	\$0	\$514
- LED Lights	0	0	\$0.00	\$0	0	0	0	\$0.05854	\$0	\$0	\$0
HVAC Diagnostic & Tune-Up											
- Air Conditioner	81	41	\$125.57	\$10,171	78	3,198	\$0.05749	\$184	\$106	\$0	\$10,461
- Heat Pump	53	28	\$125.57	\$6,655	185	5,180	\$0.05749	\$298	\$603	\$0	\$7,556
Residential Load Management											
- Air Conditioner	0	0	\$0.00	\$0	0	0	0	\$0.00000	\$0	\$0	\$0
- Water Heating	0	0	\$0.00	\$0	0	0	0	\$0.00000	\$0	\$0	\$0
TOTAL RESIDENTIAL PROGRAMS	19,857	17,918		\$419,693		2,326,020		\$133,764	\$75,665	\$2,939	\$632,081

Year 2011												Exhibit C PAGE 17A-2 of 19
KENTUCKY POWER COMPANY ESTIMATED SECTOR SURCHARGES FOR 3 YEAR PROGRAM												
YEAR 16 (1st QTR)	NEW PARTICIPANT NUMBER (1)	CUMULATIVE PARTICIPANT NUMBER (2)	AVERAGE ESTIMATED PROGRAM COSTS PER PARTICIPANT (3)	TOTAL ESTIMATED PROGRAM COSTS (4)	NET LOST REVENUE (KWH/PARTICIPANT) (5)	TOTAL ENERGY SAVINGS (KWH/QTR) (6)	NET LOST REVENUE (S/KWH) (7)	TOTAL NET * REVENUES (8)	EFFICIENCY INCENTIVE (9)	MAXIMIZING INCENTIVE (5% of COSTS) (10)	TOTAL * INCENTIVE (9)+(10)	TOTAL ESTIMATED COSTS TO BE RECOVERED (12)
PROGRAM DESCRIPTIONS	NUMBER (1)	NUMBER (2)	PER PARTICIPANT (3)	TOTAL PROGRAM COSTS (4)	REV/QTRS (KWH/PARTICIPANT) (5)	KWH/QTR (2)X(6) (6)	(S/KWH) (7)	REVENUES (8)	0 (9)	(4)X(5%) (10)	(9)+(10) (11)	(4)+(8)+(11) (12)
COMMERCIAL PROGRAMS												
Smart Audit - Class 1	0	0	\$0.00	\$0	0	0	n/a	\$0	\$0	\$0	\$0	\$0
- Class 2	0	0	\$0.00	\$0	0	0	n/a	\$0	\$0	\$0	\$0	\$0
Smart Financing - Existing Building	0	0	\$0.00	\$0	0	0	\$0.00000	\$0	\$0	\$0	\$0	\$0
Smart Financing - New Building	0	0	\$0.00	\$0	0	0	\$0.00000	\$0	\$0	\$0	\$0	\$0
Commercial A/C & Heat Pump Program												
- Air Conditioner Replacement	16	5	\$539.19	\$8,627	34	170	\$0.06482	\$11	\$15	\$0	\$15	\$8,653
- Heat Pump Replacement	2	0	\$681.50	\$1,723	34	0	\$0.06482	\$0	\$116	\$0	\$116	\$1,839
HVAC Diagnostic & Tune-Up												
- Air Conditioner	33	17	\$125.56	\$4,144	172	2,824	\$0.06480	\$189	\$239	\$0	\$239	\$4,372
- Heat Pump	6	3	\$125.67	\$754	410	1,230	\$0.06476	\$80	\$177	\$0	\$177	\$1,011
Commercial Lead Management												
- Air Conditioner	0	0	\$0.00	\$0	0	0	\$0.00000	\$0	\$0	\$0	\$0	\$0
- Water Heating	0	0	\$0.00	\$0	0	0	\$0.00000	\$0	\$0	\$0	\$0	\$0
Commercial Incentive	14	5	\$10,347.29	\$144,862	3,739	18,695	\$0.06603	\$1,234	\$0	\$0	\$0	\$146,096
TOTAL COMMERCIAL PROGRAMS	71	30		\$160,110		23,019		\$1,514	\$547	\$0	\$547	\$162,171
INDUSTRIAL PROGRAMS - (w/Est. Opt-Outs Removed)												
Smart Audit - Class 1	0	0	\$0.00	\$0	0	0	n/a	\$0	\$0	\$0	\$0	\$0
Smart Audit - Class 2	0	0	\$0.00	\$0	0	0	n/a	\$0	\$0	\$0	\$0	\$0
Smart Financing - General	0	0	\$0.00	\$0	0	0	\$0.00000	\$0	\$0	\$0	\$0	\$0
Smart Financing - Compressed Air System	0	0	\$0.00	\$0	0	0	\$0.00000	\$0	\$0	\$0	\$0	\$0
TOTAL INDUSTRIAL PROGRAMS	0	0		\$0		0		\$0	\$0	\$0	\$0	\$0
TOTAL COMPANY	19,928	17,948		\$579,803		2,349,039		\$135,278	\$76,232	\$2,939	\$79,171	\$794,252
* Lost revenue and efficiency incentives are based on prospective values.												
** Cumulative participants include a reduction for the cumulative participants as of 01/01/2007												
*** Cumulative participants include a reduction for the cumulative participants as of 01/01/2009 (High Efficiency Heat Pump, Energy Education for Students and Community Outreach Program (CFL)).												

Year 2011														
PROGRAM DESCRIPTIONS	NEW PARTICIPANT NUMBER (1)	CUMULATIVE PARTICIPANT NUMBER (2)	AVERAGE ESTIMATED PROGRAM COSTS (3)	PER PARTICIPANT COSTS (4)/(1)	TOTAL ESTIMATED PROGRAM COSTS (5)	NET LOST REV/QTRS (6)	KWH/ QTRS (2)/(6)	TOTAL ENERGY SAVINGS (7)	NET LOST REVENUE (\$/KWH) (8)	TOTAL NET* REVENUES (9)	EFFICIENCY INCENTIVE (EX. C. PG.18B) (10)	MAXIMIZING INCENTIVE (5% of COSTS) (11)	TOTAL* INCENTIVE (12)	RECOVERED COSTS TO BE ESTIMATED (13)
KENTUCKY POWER COMPANY ESTIMATED SECTOR SURCHARGES FOR 3 YEAR PROGRAM														19
YEAR 16 (2nd, 3rd & 4th QTRs)														
RESIDENTIAL PROGRAMS														
Energy Fitness	0	0		\$0.00	\$0	0	0	0	\$0.00000	\$0	\$0	\$0	\$0	\$0
Targeled Energy Efficiency	283	907	**	\$1,104.12	\$312,465	1,524	1,382,268	\$0,05746	\$79,425	\$21,853	\$0	\$0	\$21,853	\$413,743
- All Electric	45	189	**	\$245.55	\$11,094	852	169,548	\$0,05746	\$9,742	\$2,776	\$0	\$0	\$2,776	\$23,512
- Non-All Electric	0	0		\$0.00	\$0	0	0	\$0.00000	\$0	\$0	\$0	\$0	\$0	\$0
Compact Fluorescent Bulb	0	0		\$0.00	\$0	0	0	\$0.00000	\$0	\$0	\$0	\$0	\$0	\$0
High - Efficiency Heat Pump	0	0		\$0.00	\$0	0	0	\$0.00000	\$0	\$0	\$0	\$0	\$0	\$0
- Resistance Heat	0	0		\$0.00	\$0	0	0	\$0.00000	\$0	\$0	\$0	\$0	\$0	\$0
- Non Resistance Heat	0	0		\$0.00	\$0	0	0	\$0.00000	\$0	\$0	\$0	\$0	\$0	\$0
High - Efficiency Heat Pump	191	584	**	\$493.46	\$94,254	1,312	766,208	\$0,05750	\$44,057	\$26,738	\$0	\$0	\$26,738	\$165,049
- Mobile Home														
Mobile Home New Construction	189	636	**	\$594.57	\$112,373	1,291	821,076	\$0,05745	\$47,171	\$21,063	\$0	\$0	\$21,063	\$180,627
- Heat Pump	0	0		\$0.00	\$0	0	0	\$0.00000	\$0	\$0	\$0	\$0	\$0	\$0
- Air Conditioner	0	0		\$0.00	\$0	0	0	\$0.00000	\$0	\$0	\$0	\$0	\$0	\$0
Modified Energy Fitness	900	3,090	**	\$379.17	\$341,250	653	2,017,770	\$0,05752	\$116,052	\$44,793	\$0	\$0	\$44,793	\$502,105
High Efficiency Heat Pump	195	405	**	\$457.94	\$89,298	2,819	1,141,695	\$0,05748	\$65,625	\$93,230	\$0	\$0	\$93,230	\$248,153
- Resistance Heat Replacement	387	828	**	\$483.64	\$187,167	451	373,428	\$0,05750	\$21,472	\$9,358	\$0	\$0	\$9,358	\$217,997
- Heat Pump Replacement														
Energy Education for Student Program (NEED)	1,499	2,743	**	\$15.50	\$23,235	110	301,730	\$0,05714	\$17,241	\$7,465	\$0	\$0	\$7,465	\$47,941
Community Outreach Program (CFL)	4,200	7,622	**	\$12.60	\$52,938	136	1,036,592	\$0,05768	\$59,791	\$20,958	\$0	\$0	\$20,958	\$133,687
Residential Efficient Products	107,100	71,450		\$2.79	\$299,075	25	1,766,250	\$0,05818	\$103,924	\$73,899	\$0	\$0	\$73,899	\$476,896
- Compact Fluorescent Lamp (CFL)	720	440		\$2.66	\$1,914	22	9,660	\$0,05783	\$551	\$756	\$0	\$0	\$756	\$3,231
- Specialty Bulbs	0	0		\$0.00	\$0	0	0	\$0.05854	\$0	\$0	\$0	\$0	\$0	\$0
- LED Lights														
HVAC Diagnostic & Tune-Up	244	203		\$125.57	\$30,639	233	47,299	\$0,05749	\$2,719	\$320	\$0	\$0	\$320	\$33,670
- Air Conditioner	162	136		\$125.57	\$20,343	556	75,616	\$0,05749	\$4,347	\$1,844	\$0	\$0	\$1,844	\$26,534
- Heat Pump														
Residential Load Management	475	237		\$589.82	\$280,166	0	0	\$0,00000	\$0	\$0	\$0	\$0	\$0	\$280,166
- Air Conditioner	475	237		\$589.82	\$280,166	0	0	\$0,00000	\$0	\$0	\$0	\$0	\$0	\$280,166
- Water Heating														
TOTAL RESIDENTIAL PROGRAMS	117,065	89,717		\$2,136,377		9,929,160			\$572,137	\$315,715	\$9,358	\$9,358	\$325,073	\$3,033,987

Kentucky Power Power
 Twelve Months Ended 12/31/2010
 Demand Side Management Program - Lost Revenue

Tariff	(1)	(2)	(3)	(4)	(5) = (2) X (4)	(6) = (3-5)	(7)	(8) = (4X7)X12	(9) = (6-8)	(10) = (9/2)	(11) = Annual KWH/12	(12) = (4X10X11)
Billed & Accrual kWh	Tariff Summary Revenue Excl. Fuel	Average No. of Customers	Base Fuel Revenue	Revenue Excl. All Fuel	Customer Charge	Total Customer Revenue	Net Revenue	Net Realization	Average Monthly Reduction	Monthly Lost Revenue		
211 - Commercial												
204 SGS - MTRD	1,375,595	\$203,629	498	\$39,057	\$164,562	\$44,820	\$119,742	\$0,08705	11.4167	\$495		
211 SGS	99,562,381	\$11,631,175	16,570	\$2,827,572	\$8,803,603	\$2,286,660	\$6,515,943	\$0,06546	11.4167	\$12,383		
213 SGS - UMR	1,323,806	\$215,444	506	\$37,556	\$177,848	\$45,540	\$132,308	\$0,09995	11.4167	\$577		
215 MGS - Sec	251,579,223	\$24,725,675	3,514	\$7,144,850	\$17,580,825	\$569,268	\$17,011,557	\$0,05762	11.4167	\$2,713		
217 MGS - Pn & 220 MGSCC - P	1,382,278	\$121,425	8	\$39,257	\$82,169	\$2,400	\$79,769	\$0,05771	11.4167	\$5		
223 MGS LM ON	45,083	\$4,154	5	\$1,280	\$2,874	\$180	\$2,694	\$0,05976	11.4167	\$3		
229 MGS - TOD	1,543,277	\$128,917	31	\$43,829	\$85,088	\$5,320	\$79,768	\$0,05169	11.4167	\$18		
236 MGSCC - S	101,541	\$11,715	1	\$2,884	\$8,831	\$2,184	\$6,647	\$0,06546	11.4167	\$1		
212 - Commercial - Space Heating												
211 SGS	22,363,964	\$2,265,765	2,099	\$635,137	\$1,630,628	\$289,652	\$1,340,966	\$0,05996	11.4167	\$1,437		
215 MGS - Sec	185,983,403	\$18,243,702	2,529	\$5,281,929	\$12,961,773	\$409,698	\$12,552,075	\$0,05749	11.4167	\$1,949		
217 MGS - Pn	568,454	\$49,270	2	\$16,144	\$33,126	\$800	\$32,326	\$0,05722	11.4167	\$1		
223 MGS - LM	1,134,456	\$93,972	41	\$32,219	\$61,753	\$1,476	\$60,277	\$0,05313	11.4167	\$25		
229 MGS - TOD	2,366,596	\$206,569	32	\$67,211	\$139,358	\$5,491	\$133,867	\$0,05657	11.4167	\$21		
213 - Public Authority - Schools												
211 SGS	1,605,360	\$175,596	236	\$45,592	\$130,004	\$32,568	\$97,436	\$0,06069	11.4167	\$164		
215 MGS - Sec	25,628,748	\$2,496,426	268	\$727,856	\$1,768,570	\$43,416	\$1,725,154	\$0,05731	11.4167	\$206		
217 MGS - Pn	0	\$369	1	\$0	\$389	\$300	\$89	\$0,00000	11.4167	\$0		
223 MGS - LM	33,520	\$2,784	1	\$952	\$1,832	\$36	\$1,796	\$0,05358	11.4167	\$1		
216 - Public Authority - Other												
204 SGS - MTRD	58,830	\$10,112	31	\$1,671	\$8,441	\$2,790	\$5,651	\$0,06606	11.4167	\$34		
211 SGS	12,977,720	\$1,406,373	1,733	\$368,957	\$1,037,806	\$239,154	\$798,652	\$0,06154	11.4167	\$1,218		
213 SGS - UMR	797,638	\$75,852	134	\$22,653	\$53,199	\$12,060	\$41,139	\$0,05159	11.4167	\$79		
215 MGS - Sec & 216 MGSCC - P	66,602,050	\$6,422,348	724	\$1,891,498	\$4,530,850	\$117,268	\$4,413,582	\$0,05627	11.4167	\$548		
217 MGS - Pn	343,840	\$33,060	4	\$9,765	\$23,295	\$1,200	\$22,095	\$0,06426	11.4167	\$3		
218 MGS - M - S	266,949	\$25,624	2	\$7,581	\$18,043	\$324	\$17,719	\$0,06638	11.4167	\$2		
223 MGS - LM	28,515	\$2,312	4	\$810	\$1,502	\$144	\$1,358	\$0,04762	11.4167	\$0		
225 MGS - TOD - ON	0	\$187	1	\$0	\$187	\$181	\$6	\$0,00000	11.4167	\$0		
229 MGS - TOD	587,918	\$55,022	20	\$16,697	\$38,325	\$3,432	\$34,893	\$0,05935	11.4167	\$14		
Total Commercial	575,999,363	\$56,557,250	11,421	\$16,358,382	\$40,198,668	\$1,739,172	\$38,459,696	\$0,06677		\$8,444		
Monthly Per Customer Annual Per Customer									137	\$0.74	\$8.88	
Base Fuel Factor:												

Base Fuel Factor: \$0.02840 / KWH

Kentucky Power Power
 Twelve Months Ended 12/31/2010
 Demand Side Management Program - Lost Revenue

Tariff	(1)	(2)	(3)	(4)	(5) = (2) X	(6) = (3-5)	(7)	(8) = (4X7)X12	(9) = (6-8)	(10) = (9/2)	(11) = Annual KWH/12	(12) = (4X10X11)
Billed & Accrual kWh	Tariff Summary Revenue Excl. Fuel	Average No. of Customers	Base Fuel Revenue	Revenue Excl. All Fuel	Customer Charge	Total Customer Revenue	Net Revenue	Net Realization	Average Monthly Reduction	Monthly Lost Revenue		

COMMERCIAL HIGH EFFICIENCY HEAT PUMP / AIR CONDITIONER PROGRAM - HEAT PUMP REPLACEMENT

214 - Commercial

204 SGS - MTRD	1,375,595	\$203,629	498	\$39,067	\$164,562	\$7.50	\$44,820	\$0.08705	11.4167	\$495
211 SGS	99,562,381	\$11,631,175	16,570	\$2,827,572	\$8,803,603	\$11.50	\$2,286,660	\$0.05546	11.4167	\$12,383
213 SGS - UMR	1,323,806	\$215,444	506	\$37,586	\$177,848	\$7.50	\$45,540	\$0.09995	11.4167	\$677
215 MGS - Sec	251,573,223	\$24,725,675	3,514	\$7,144,850	\$17,580,825	\$13.50	\$569,268	\$0.06762	11.4167	\$2,713
217 MGS - P1 & 220 MGSCC - P	1,982,278	\$121,426	8	\$39,257	\$82,169	\$25.00	\$2,400	\$0.05771	11.4167	\$5
223 MGS LM ON	45,083	\$4,154	5	\$1,280	\$2,874	\$3.00	\$180	\$0.05976	11.4167	\$3
229 MGS - TOD	1,543,277	\$128,917	31	\$43,829	\$85,088	\$14.30	\$5,320	\$0.05169	11.4167	\$18
236 MGSCC - S	101,541	\$11,715	1	\$2,884	\$8,831	\$182.00	\$2,184	\$0.05546	11.4167	\$1

212 - Commercial - Space Heating

211 SGS	22,363,964	\$2,265,765	2,099	\$635,137	\$1,630,628	\$11.50	\$289,662	\$0.05986	11.4167	\$1,437
215 MGS - Sec	185,983,403	\$18,243,702	2,529	\$5,281,929	\$12,961,773	\$13.50	\$409,698	\$0.06749	11.4167	\$1,949
217 MGS - P1	568,454	\$49,270	2	\$16,144	\$33,126	\$25.00	\$600	\$0.05722	11.4167	\$1
223 MGS - LM	1,134,456	\$93,972	41	\$32,219	\$61,753	\$3.00	\$1,476	\$0.05313	11.4167	\$25
229 MGS - TOD	2,366,595	\$206,569	32	\$67,211	\$139,358	\$14.30	\$5,481	\$0.05657	11.4167	\$21

213 - Public Authority - Schools

211 SGS	1,605,360	\$175,596	236	\$45,592	\$130,004	\$11.50	\$32,568	\$0.06069	11.4167	\$164
215 MGS - Sec	25,628,748	\$2,496,426	266	\$727,856	\$1,768,570	\$13.50	\$43,416	\$0.06731	11.4167	\$206
217 MGS - P1	0	\$389	1	\$0	\$389	\$3.00	\$300	\$0.00000	11.4167	\$0
223 MGS - LM	33,520	\$2,784	1	\$952	\$1,832	\$3.00	\$36	\$0.05356	11.4167	\$1

216 - Public Authority - Other

204 SGS - MTRD	58,830	\$10,112	31	\$1,671	\$6,441	\$7.50	\$2,790	\$0.09605	11.4167	\$34
211 SGS	12,977,720	\$1,406,373	1,733	\$368,567	\$1,037,806	\$11.50	\$239,154	\$0.06154	11.4167	\$1,218
213 SGS - UMR	797,638	\$75,852	134	\$22,653	\$53,199	\$7.50	\$12,060	\$0.05159	11.4167	\$79
215 MGS - Sec & 216 MGSCC - P	66,602,050	\$6,422,948	724	\$1,891,498	\$4,530,850	\$13.50	\$117,288	\$0.06627	11.4167	\$548
217 MGS - P1	343,840	\$33,060	4	\$9,765	\$23,295	\$25.00	\$1,200	\$0.06426	11.4167	\$3
218 MGS - M - S	266,949	\$25,624	2	\$7,581	\$18,043	\$13.50	\$324	\$0.06638	11.4167	\$2
223 MGS - LM	28,515	\$2,312	4	\$810	\$1,502	\$3.00	\$144	\$0.04762	11.4167	\$2
225 SGS - TOD - ON	0	\$187	1	\$0	\$187	\$15.10	\$181	\$0.00000	11.4167	\$0
229 MGS - TOD	587,918	\$55,022	20	\$16,697	\$38,325	\$14.30	\$3,432	\$0.05935	11.4167	\$14
Total Commercial	575,999,353	\$56,557,230	11,421	\$16,358,382	\$40,199,863	\$17.99	\$1,739,172	\$0.06677	11.4167	\$8,444

Monthly Per Customer
 Annual Per Customer

Base Fuel Factor: \$0.02840 / KWH

\$0.74
 \$9.88

137

Kentucky Power Company

REQUEST

Provide a list of active DSM Collaborative members by name, including the organization that they represent and whether that person is a voting member.

RESPONSE

A list of active DSM Collaborative members by name, including the organization that they represent and whether that person is a voting member, is provided on Pages 2 and 3 of this response.

WITNESS: E J Clayton

The voting members of the Collaborative are:

Residential Class

- a. Community Action Kentucky*
- | | |
|------------------------|--------------------------|
| Executive Director/CAK | Primary – Rob Jones |
| Staff Member/CAK | Alternate – Dan McKenzie |
- b. Northeast Kentucky Community Action Agency*
- | | |
|---------------------------|-------------------------|
| Executive Director/NEKCAA | Primary – David Carroll |
| Staff Member/NEKCAA | Alternate – Kim Tackett |
- c. Big Sandy Community Action Agency*
- | | |
|--------------------------|---------------------------|
| Executive Director/BSCAP | Primary – Mike Howell |
| Staff Member/BSCAP | Alternate – Wanda Thacker |
- d. Middle KY Community Action Partnership, Inc.*
- | | |
|--------------------------|--------------------------|
| Executive Director/MKCAP | Primary – Darrell Shouse |
| Staff Member/MKCAP | Alternate – Trish Little |
- e. Gateway Community Action Council*
- | | |
|-------------------------|------------------------|
| Executive Director/GCAC | Primary – Wallace Rose |
| Staff Member/GCAC | Alternate |
- f. LKLP Community Action Council*
- | | |
|-------------------------|--------------------------|
| Executive Director/LKLP | Primary – Annie Thompson |
| Staff member/LKLP | Alternate |
- g. Community Services*
- | | |
|----------------------------|--------------------------|
| Executive Director/LINKS | Primary – Brett Davis |
| Representative/LINKS | Alternate |
| Representative/BSADD Aging | Primary – Bertha Daniels |
| Representative/BSADD Aging | Alternate |
- h. KY Housing Corporation*
- | | |
|-------------------------------|----------------------|
| Senior Weatherization Trainer | Primary – Gary Brown |
| Staff Member KHC | Alternate |

i. Office of the Attorney General, Kentucky

Assistant Director/Atty General	Primary – Dennis Howard
Staff Member/Atty General	Alternate – Heather Kash

j. Kentucky Power Company

DSM Program Manager	Primary – E. J. Clayton
Staff Member/KPCO	Alternate – Scott Bishop

Commercial Class

a. Office of the Attorney General, Kentucky

Assistant Director/Atty General	Primary – Dennis Howard
Staff Member/Atty General	Alternate – Heather Kash

b. Kentucky Power Company

DSM Program Manager	Primary – E. J. Clayton
Staff Member/KPCo	Alternate – Scott Bishop

c. Floyd County Schools

Director of Facilities	Primary – Greg Adams
Staff Member/Floyd Co. Schools	Alternate – Ralph Goble

d. Our Lady of Bellefonte Hospital

Director of Facilities	Primary – David Hall
Staff Member/OLBH	Alternate