American Elect. Power 101A Enterprise Drive PO Box 5190 Frankfort, KY 40602-5190 www.aep.com

AEP AMERICAN<sup>®</sup> ELECTRIC POWER

Thomas M. Dorman, Executive Director Kentucky Public Service Commission P. O. Box 615 211 Sower Boulevard Frankfort, KY 40602

February 12, 2004

Dear Mr. Dorman:

Re:

Case No. 2004-00047

In the Matter of the Joint Application Pursuant to 1994 House Bill No. 501 for the Approval of American Electric Power/Kentucky Power Company ("AEP/Kentucky") 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 AEP/Kentucky Collaborative Demand-Side Management Programs.

Pursuant to the Commission's Order dated May 22, 1996, enclosed are an original and ten copies of the Joint Applicants' fifteenth six-month status report. This report describes the operation and progress of the Demand-Side Management Plan.

Specifically, the Joint Applicants seek authority for AEP/Kentucky, in conjunction with its utility services and pursuant to the 1994 House Bill No. 501, to implement the enclosed revised electric tariff to recover costs associated with the implementation of demand-side management programs, which include net lost revenues and incentives related to those programs.

Unless otherwise advised by the Commission, the DSM Collaborative plans on filing separate cost evaluations for each of the active DSM Programs for years 2003 and 2004. The evaluation reports will be filed with the August 2005 DSM Status Report.

The revised DSM Adjustment clause factor for each customer sector has been agreed upon and is proposed by the DSM Collaborative (see Exhibit C, Column 5, Lines 12 and 25). The proposed factor for the residential and commercial sectors is the midpoint between the ceiling and the floor calculations as demonstrated on Exhibit C. The floor was calculated by taking the Collaborative's projected remaining fourth quarter position (see Exhibit C, Column 5, Lines 2

Thomas M. Dorman February 13, 2004 Page 2

and 15) and dividing by the adjusted estimated sector KWH sales for the remaining fourth quarter (see Exhibit C, Column 5, Lines 10 and 23). The ceiling was calculated by taking the Collaborative's projected remaining fourth quarter position (see Exhibit C, Column 5, Lines 4 and 17) and dividing by the adjusted estimated sector KWH sales for the remaining fourth quarter (see Exhibit C, Column 5, Lines 10 and 23).

The Joint Applicants request the Commission to approve the following:

(1) The Experimental DSM Electric Tariff to become effective March 30, 2004. This will allow the Company to utilize new factors with the first billing cycle in April 2004.

As is customary, the Company requests the Commission to return a stamped copy of the revised tariff sheet upon approval.

If you have any questions please contact me at (502) 696-7010.

Sincerely,

Enol Hwogner
Errol K. Wagner

Director of Regulatory Services

Enclosure

P.S.C. ELECTRIC NO. 7

(D)(D) (D)(D)

#### EXPERIMENTAL DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE (Cont'd.) (Tariff Experimental D.S.M.C.)

#### RATE. (Cont'd.)

- 5. The DSM adjustment shall be filed with the Commission ten (10) days before it is scheduled to go into effect, along with all the necessary supporting data to justify the amount of the adjustments which shall include data and information as may be required by the Commission.
- Copies of all documents required to be filed with the Commission under this regulation shall be open and made 6. available for public inspection at the office of the Public Service Commission pursuant to the provisions of KRS 61.870 to 61.884.
- 7. The resulting range for each customer sector per KWH during the three-year Experimental Demand-Side Management Plan is as follows:

		CUS	TOMER SECTOR	
		RESIDENTIAL (\$ Per Kwh)	<u>COMMERCIAL</u> (\$ Per KWH)	INDUSTRIAL* (\$ Per KWH)
Floor Factor Ceiling Factor	= =	0.000066 0.000497	( 0.000082 ) ( 0.000015 )	- 0 - - 0 -

8. The DSM Adjustment Clause factor (\$ Per KWH) for each customer sector which fall within the range defined in Item 7 above is as follows:

	CUST	OMER SECTOR		
	RESIDENTIAL	COMMERCIAL	INDUSTRIAL*	
DSM (c) S ©	\$ <u>462.580</u> 1,640,355,400	\$ <u>(49.747)</u> 1,015,243,200	- 0 - - 0 -	(I)(D)
Adjustment Factor	\$ 0.000282	( 0.000049 )	- 0 -	(D)(D)

\*The Industrial Sector has been discontinued pursuant to the Commission's Order dated September 28, 1999.

DATE OF ISSUE February 12, 2004 **EFFECTIVE DATE** March 30, 2004

ISSUED BY ERROL K. WAGNER NAME

**DIRECTOR OF REGULATORY SERVICES** 

FRANKFORT, KENTUCKY

**ADDRESS** 

Issued by authority of an Order of the Public Service Commission in Case No. 2003-00314 dated September 25, 2003

### AMERICAN ELECTRIC POWER - KENTUCKY Demand Side Management Status Report

As of December 31, 2003 INDEX

DESCRIPTION	Definitions	Summary Information (All Programs)	Active Programs:	Residential Programs	Energy Fitness	Targeted Energy Efficiency	Compact Fluorescent Bulb	High Efficiency Heat Pump	Mobile Home High Efficiency Heat Pump	Mobile Home New Construction	Modified Energy Fitness Program	Commercial Programs	Smart Audit	Smart Incentive	Industrial Programs	Smart Audit	Smart Incentive
PAGE	-	ĵ <b>W</b>			5	<b>∞</b>	12	15	18	21	24		27	30		33	36

#### SNOTHINITIONS

- Estimated in place load impacts for Year-to-Date participants.
- Costs recorded from the inception of the program through December 31, 2003.
  - Estimated in place load impacts for Program-to-Date participants

#### COMMENTS

Our calculations are based on actual participants and costs as of December 31, 2003. The Residential, Commercial, and Industrial total DSM costs in this status report do not agree with the total costs in the Financial Report due to a one month lag in reporting.

previous months. The average monthly net energy savings is then increased by 10% to include T&D losses. The estimated actual in-place energy annual kWh per participant (shown in Exhibit E) and 1/2 of the new participants for the current month, plus the cumulative participants from the participating customers for each DSM program (including T&D losses). The average monthly net energy savings is the product of 1/12 of the The estimated actual in-place energy (kWh) savings is the summation of the monthly average net energy savings associated with (kWh) savings are calculated in accordance with the Sunset Provision contained in the joint application, filed September 27, 1995.

and projected winter/summer demand reductions filed for each program (refer to Section III to V of the joint application). The anticipated peak The estimated anticipated peak demand (kW) reduction is a product of the number of net participating customers (excluding free riders) demand (kW) reductions includes 11% T&D loss savings.

this status report reflect, wherever applicable, the program evaluation results of each individual program as described in the August 16, 1999 and The calculation of YTD and PTD estimated in place energy (kWh) savings and anticipated peak demand (kW) reductions contained in June 30, 2002 DSM collaborative report. The individual DSM lost revenue, efficiency incentive and maximizing incentives as of June 30, 1997 are calculated based on the initial efficiency incentive, and maximizing incentive for the period 1/1/03 to 12/31/03 are calculated using the revised values contained in Schedule C 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, values from Exhibit E in the joint application, filed September 27, 1995. A retroactive adjustment of the initial values of the efficiency of the 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 ½ the new participants for the current month, plus the cumulative participants from 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.

### AMERICAN ELECTRIC POWER - KENTUCKY SUMMARY INFORMATION (ALL PROGRAMS)

AS OF DECEMBER 31, 2003

DESCRIPTION	YTD	PTD
Total Revenue Collected	\$765,898	\$8,700,166
Total Program Costs	452,712	6,054,397
Total Lost Revenues	283,149	2,384,712
Total Efficiency/ Maximizing Incentive	21,621	485,931
Total DSM Costs As Of December 31, 2003	\$757,482	\$8,925,040

DESCRIPTION	YTD	PTD	
Actual In-Place Energy Savings:	780,051 kWh	145,606,907 kWh	Λ'n
w/ T&D Line Losses:	858,056 kWh	160,167,598 kWh	Νh
Total kW Reductions:			
Winter	738	13,477	
w/ T&D Line Losses:	819	14,960	
Summer	101	3,299	
w/T&D Line Losses:	112	3,662	





### PROGRAM INFORMATION

PROGRAM:	PROGRAM: Energy Fitness
PARTICIPANT DEFINITION:	ITION: Number of Households
CUSTOMER SECTOR:	CTOR: Residential
REPORTING PERIOD:	REPORTING PERIOD: January - December, 2003

						20	2003							
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	YTD	PTD
New Participants	0	0	0	0	0	0	0	0	0	0	0	0	0	2,81

	ction	PTD	Winter	1,932
	nand (kW) Redu	Р	Summer	441
	Anticipated Peak Demand (kW) Reduction	D	Winter	0
Impacts	Anti	YTD	Summer	0
	nergy (kWh) Savings	PTD		25,691,729
	Estimated in Place Energy (kWh) Savings	YTD		0



	Energy Fitness
Reporting Period:	January - December, 2003

	Costs		A Comment of the Comm
Description	Year-To-Date	Retroactive Adjustment	Program-To-Date
Total Evaluation	0.00	00.00	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	00.00	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.





### PROGRAM INFORMATION

PROGRAM:	PROGRAM: Targeted Energy Efficiency
PARTICIPANT DEFINITION: Number of Households	Number of Households
CUSTOMER SECTOR:	CUSTOMER SECTOR: Residential - Low Income
REPORTING PERIOD:	REPORTING PERIOD: January - December, 2003

						2003	)3							
Participants	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	g. Sept.	Oct.	Nov.	Dec.	YTD	PTD
All Electric	5	16	15	18	27	19	12	11	17	5	12	12	169	1,533
Non All Electric	2		0	0	2	2	3	37	C)	10	7	6	92	513

		Impacts	S		
Estimated in Place Energy	nergy (kWh) Savings	Anti	Anticipated Peak Demand (kW) Reduction	nand (kW) Redu	ction
		LA	YTD	<b>d</b>	PTD
YTD	PTD	Summer	Winter	Summer	Winter
144,144	34,246,048	21	88	470	2,142



January - December, 2003	Reporting Period:
Targeted Energy Efficiency	

	Costs		
Description	Year-To-Date	Retroactive Adjustment	Program-To-Date
Total Evaluation	00.0	00.00	187,499.00
Equipment/Vendor:	157,847.00	00.00	1,592,713.00
Promotional:	0.00	00:00	00.00
Customer Incentives:	0.00	00.00	0.00
Other Costs:	214.00	0.00	8,189.00
Total Program Costs:	158,061.00	0.00	1,788,401.00
Lost Revenues:	33,192.00	1,944.00	344,381.00
Efficiency Incentive:	325.00	184.00	2,604.00
Maximizing Incentives:	7,613.00	0.00	85,914.00
Total Costs:	199,191.00	2,128.00	2,221,300.00



#### 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.

To address the problem of identifying non-all-electric customers during the LIHEAP application The Community Action Agencies should be able to significantly increase participation levels for process, the Collaborative devised and implemented a procedure for identifying these customers. non-all-electric customers during 2004.

to \$1,300. The primary purpose of this action was to attain the 2003 numerical goal of 25 heating system replacements. Even with the increased incentive, the Community Action Agencies failed to achieve the projected number of heating system replacements. The Collaborative has again On August 28, 2003, the Collaborative increased the incentive level for heating system replacement emphasized the importance of replacing an electric central heating system with a high efficiency heat pump. The projected number of heating sytem replacements for 2004 is 25. The Equipment / Vendor cost categories includes the cost of labor and materials of measures installed, participant energy education costs, and vendor administration costs. The YTD costs are \$152,255 for all-electric homes and \$5,806 for non-all-electric homes. The YTD Estimated in Place Energy (kWh) Savings for the all-electric participants and non-allelectric participants is 127,108 and 17,036 respectively. The YTD Anticipated Peak Demand (kW) Reduction summer/winter for all-electric and non-allelectric participants is 16/80 and 5/8 respectively.

The YTD Lost Revenue for all-electric participants and non-all-electric participants is \$30,062 and \$3,130 respectively.



#### COMMENTS:

The YTD Efficiency Incentive for non-all-electric participants is \$325 and the Maximizing Incentive for all-electric participants is \$7,613.

The projected participant and budgetary levels for 2004 have been revised to reflect what the Collaborative believes to be reasonably achievable goals. The projected participant and budgetary level is 150 all-electric homes, 75 non-all-electric homes, and \$205,000 respectively.





#### PROGRAM INFORMATION PROGRAM: Compact Fluorescent Bulb PARTICIPANT DEFINITION: Number of Bulbs Installed REPORTING PERIOD: January - December, 2003 CUSTOMER SECTOR: Residential

	YTD PTD	0 269
		0
	Dec.	0
	Nov.	
	Oct.	0
	Sept.	0
	Aug.	0
03	July	0
2003	June	0
	May	0
	Apr.	0
	Mar.	0
	Feb.	0
	Jan.	0
		New Participants

	ction	PTD	Winter	3
	nand (kW) Reduc	P	Summer	3
	Anticipated Peak Demand (kW) Reduction	D	Winter	0
 Impacts	Antio	YTD	Summer	0
	nergy (kWh) Savings	PTD	I	142,881
	Estimated in Place Energy (kWh) Savings	YTD		0



Compact Fluorescent Bulb	January - December, 2003
	Reporting Period:

	Costs		
	Vear-To-Date	Retrosotive Adiustment	Program-To-Date
Describition	i cai-i 0-Daic	Netroactive Aujustinicini	Togram to Date
Total Evaluation	00.00	0.00	00.09
Equipment/Vendor:	00.00	0.00	15,021.00
Promotional:	0.00	0.00	0.00
Customer Incentives:	0.00	0.00	0.00
Other Costs:	0.00	00.00	0.00
Total Program Costs:	0.00	00:00	15,081.00
Lost Revenues:	0.00	25.00	1,605.00
Efficiency Incentive:	0.00	8.00	433.00
Maximizing Incentive:	0.00	00.00	0.00
Total Costs.	0.00	33.00	17,119.00

#### AMERICAN ELECTRIC POWER

# AMERICAN ELECTRIC POWER - KENTUCKY

### COMMENTS:

This program was discontinued December 31, 1996.





#### PROGRAM INFORMATION PROGRAM: High Efficiency Heat Pumps - Retrofit PARTICIPANT DEFINITION: Number of Units Installed REPORTING PERIOD: | January - December, 2003 CUSTOMER SECTOR: Residential

						2003	93							
Participant	Jan.	Feb.	Mar.	Mar. Apr. May	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	YTD	PTD
Resistance	0	0	0	0	0	0	0	0	0	0	0	0	0	1,367
Non-Resistance	0	0	0	0	0	0	0	0	0	0	0	0	0	929

	Anticipated Peak Demand (kW) Reduction	PTD	iter Summer Winter	851 2,995
Impacts	Anticipated F	QTY	Summer Winter	) 0
	ergy (kWh) Savings	PTD		26,705,369
	Actual in Place Energy	YTD		0



	High Efficiency Heat Pumps - Retrofit
Reporting Period:	January - December, 2003

	Costs		
Description	Year-To-Date	Retroactive Adjustment	Program-To-Date
Total Evaluation	0.00	00.00	12,885.00
Equipment/Vendor:	0.00	0.00	129,767.00
Promotional:	0.00	00.00	0.00
Customer Incentives:	0.00	00'0	70,500.00
Other Costs:	0.00	00:00	1,160.00
Total Program Costs:	0.00	00.00	214,312.00
Lost Revenues:	5,867.00	(269.00)	366,830.00
Efficiency Incentive:	0.00	(2,196.00)	48,017.00
Maximizing Incentive:	0.00	00.0	5.00
Total Costs:	5,867.00	(2,465.00)	629,164.00





#### COMMENTS:

This program was discontinued December 31, 2001.





### PROGRAM INFORMATION

PROGRAM:	PROGRAM:   Mobile Home High Efficiency Heat Pumps
PARTICIPANT DEFINITION:	NITION: Number of Units Installed
CUSTOMER SECTOR: Residential	Residential
REPORTING PERIOD: January - June, 2003	January - June, 2003

						2003	)3							
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	YTD	PTD
New Participants	2	7	3	∞	7	7	10	4	9	2	7	0	63	1,403

		Impacts	S		
Estimated in Place Energy	nergy (kWh) Savings	Anti	Anticipated Peak Demand (kW) Reduction	nand (kW) Redu	ıction
YTD	PTD	LX X	YTD	P	PTD
		Summer	Winter	Summer	Winter
86,535	20,312,998	5	108	161	2,612



January - December, 2003	Reporting Period:
Mobile Home High Efficiency Heat Pumps	

	Costs		
Description	Year-To-Date	Retroactive Adjustment	Program-To-Date
Total Evaluation	0.00	00.0	41,295.00
Equipment/Vendor:	750.00	00.0	12,005.00
Promotional:	0.00	00.00	0.00
Customer Incentives:	25,300.00	00.0	636,300.00
Other Costs:	0.00	00.0	1,167.00
Total Program Costs:	26,050.00	00.0	690,767.00
Lost Revenues:	18,643.00	5,820.00	325,336.00
Efficiency Incentive:	1,822.00	18,331.00	88,227.00
Maximizing Incentive:	0.00	0.00	00.0
Total Costs:	46,515.00	24,151.00	1,104,330.00



#### COMMENTS:

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

To increase program participation levels, the Collaborative agreed to provide a \$50 incentive to the HVAC dealer for each high efficiency heat pump installed. Participation levels did not significantly economy and the lack of program promotion by the HVAC dealers operating within our service area increase after implementation of the additional incentive for the HVAC dealer. The sluggish continue to be barriers to participation. The projected participant and budgetary levels for 2004 have been revised to reflect what the Collaborative believes to be reasonably achievable goals. The projected participant and budgetary level has been reduced to 100 and \$55,000 respectively.





#### PROGRAM INFORMATION PROGRAM: | Mobile Home New Construction PARTICIPANT DEFINITION: | Number of Units Installed REPORTING PERIOD: January - December, 2003 CUSTOMER SECTOR: Residential

						2003	03							
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Oct. Nov.	Dec.	YTD	PTD
Heat Pump	9	7	9	6	5	13	10	13	14	8	15	4	110	852
Air Conditioner	0	0	0	0	0	0	0	0	0	0	0	1	1	

		Impacts	8		
Estimated in Place E	Estimated in Place Energy (kWh) Savings	Anti	Anticipated Peak Demand (kW) Reduction	nand (kW) Redu	ıction
VTD	PTD	YTD	Q.	Ь	PTD
		Summer	Winter	Summer	Winter
214,576	9,896,800	14	298	109	2,305



	Mobile Home New Construction
Reporting Period:	January - December, 2003

	Costs		
Description	Year-To-Date	Retroactive Adjustment	Program-To-Date
Total Evaluation	1,514.00	0.00	25,219.00
Equipment/Vendor:	5,525.00	0.00	57,038.00
Promotional:	0.00	0.00	3,939.00
Customer Incentives:	55,125.00	00'0	434,525.00
Other Costs:	1,760.00	00.00	3,016.00
Total Program Costs:	63,924.00	00.00	523,737.00
Lost Revenues:	49,451.00	00.00	221,680.00
Efficiency Incentive:	447.00	00.00	27,178.00
Maximizing Incentive:	0.00	00.00	2,580.00
Total Costs:	113,822.00	00.00	775,175.00



#### COMMENTS:

offer a financial incentive to new mobile home buyers and trade allies to encourage the installation The Collaborative has devised and implemented a plan working in conjunction with trade allies to of high efficiency heat pumps and upgraded insulation packages in new mobile homes. The YTD participant levels are lower than anticipated due to: 1) the decline in sales of new manufactured housing; 2) the number of repossessed homes currently in the marketplace; and 3) the lending institutions tightening of financing guidelines. The projected participant and budgetary levels for 2004 have been revised to reflect what the Collaborative believes to be reasonably achievable goals. The projected participant and budgetary level has been lowered to 150 heat pumps, 50 air-conditioners and \$95,000 respectively.





### PROGRAM INFORMATION

PROGRAM:	PROGRAM: Modified Energy Fitness
PARTICIPANT DEFINITION: Number of Households	Number of Households
CUSTOMER SECTOR: Residential	Residential
REPORTING PERIOD:	REPORTING PERIOD: January - December, 2003

542	542	51	63	86	86	68	42	39	39	23	0	0	0	New Participants
PTD	YTD	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	
							)3	2003						

	T		ī	T
	ction	PTD	Winter	325
	nand (kW) Redue	ď	Summer	72
	Anticipated Peak Demand (kW) Reduction	YTD	Winter	325
Impacts	Anti	IA	Summer	72
	nergy (kWh) Savings	PTD		412,801
	Estimated in Place Energy	YTD		412,801



Modified Energy Fitness	January - December, 2003	
	Reporting Period:	

	Costs		
Description	Year-To-Date	Retroactive Adjustment	Program-To-Date
Total Evaluation	2,807.00	00.0	2,807.00
Equipment/Vendor:	201,870.00	00.0	201,870.00
Promotional:	00.0	00.0	0.00
Customer Incentives:	00.0	00.0	0.00
Other Costs:	00.0	00.00	00.0
Total Program Costs:	204,677.00	00'0	204,677.00
Lost Revenues:	12,910.00	0.00	12,910.00
Efficiency Incentive:	11,414.00	0.00	11,414.00
Maximizing Incentive:	0.00	0.00	00.00
Total Costs:	229,001.00	00.00	229,001.00



#### 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.

The Collaborative has agreed that the program should run consecutively until the 1,500 participants are achieved. The projected participant and budgetary level for 2004 is 900 and \$338,500 Honeywell, DMC, our implementation contractor, projects the completion of 900 homes in 2004. respectively.





### PROGRAM INFORMATION

PROGRAM:	GRAM: Smart Audit - Commercial
PARTICIPANT DEFINITION: Number of Audits	Number of Audits
CUSTOMER SECTOR: Commercial	Commercial
REPORTING PERIOD:	REPORTING PERIOD: January - December, 2003

						2003	03							
Participant	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	YTD	PTD
,														
Class I	<b>-</b>	0	0	0	0	0	0	0	0	0	0	0	C	1 952
												,		1,7,7
Class II	0	0	0	0	0	0	0	0	0	0	0	0	0	194
													)	1 / 1

YTD	PTD	\X	YTD	1	PTD
	rin	Summer	Winter	Summer	VTD Winter
n/a	n/a	n/a	n/a	n/a	n/a





January - December, 2003	Reporting Period:
Smart Audit - Commercial	

	Costs		
Description	Year-To-Date	Retroactive Adjustment	Program-To-Date
Total Evaluation	00.00	00.0	30,661.00
Equipment/Vendor:	00.00	00.0	1,268,176.00
Promotional:	00.00	00.00	0.00
Customer Incentives:	00.00	00.00	0.00
Other Costs:	00:00	00.0	(8,156.00)
Total Program Costs:	0.00	0.00	1,290,681.00
Lost Revenues:	00.0	0.00	0.00
Efficiency Incentive:	00.00	00.00	0.00
Maximizing Incentive:	00.00	00.0	64,533.00
Total Costs:	0.00	00.0	1,355,214.00



### COMMENTS:

This program was discontinued December 31, 2002.



#### PROGRAM INFORMATION PROGRAM: | Smart Incentive - Commercial REPORTING PERIOD: | January - December, 2003 PARTICIPANT DEFINITION: | Number of Incentives CUSTOMER SECTOR: Commercial

						2003	3							
Participant	Jan.	Feb.	Feb. Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	YTD	PTD
Existing Building	0	0	0	0	0	0	0	0	0	0	0	0	0	182
New Building	0	0	0	0	0	0	0	0	0	0	0	0	0	6.

		Impacts	S		
Estimated in Place E	Estimated in Place Energy (kWh) Savings	Anti	Anticipated Peak Demand (kW) Reduction	nand (kW) Redu	ıction
YTD	PTD	X	YTD	P	PTD
		Summer	Winter	Summer	Winter
0	42,684,023	0	0	1,519	2,640



Smart Incentive - Commercial	January - December, 2003	
	Reporting Period:	

	Costs		
Description	Year-To-Date	Retroactive Adjustment	Program-To-Date
Total Evaluation	0.00	00.0	144,039.00
Equipment/Vendor:	0.00	00.00	21,504.00
Promotional:	0.00	00.00	0.00
Customer Incentives:	0.00	00.0	399,592.00
Other Costs:	0.00	00.0	691.00
Total Program Costs:	0.00	00.00	565,826.00
Lost Revenues:	163,086.00	442.00	748,941.00
Efficiency Incentive:	0.00	1.078.00	88,039.00
Maximizing Incentive:	0.00	0.00	281.00
Total Costs:	163,086.00	1,520.00	1,403,087.00



#### COMMENTS:

This program was discontinued December 31, 2002.





## PROGRAM INFORMATION PROGRAM: Smart Audit - Industrial PARTICIPANT DEFINITION: Number of Audits

REPORTING PERIOD: | January - December, 2003

CUSTOMER SECTOR: | Industrial

						2003	03							
Participant	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	YTD	PTD
Class I	0	0	0	0	0	0	0	0	0	0	0	0	0	
Class II	0	0	0	0	0	0	0	0	0	0	0	0	0	

9

Impacts	(Wh) Savings Anticipated Peak Demand (kW) Reduction	PTD YTD TTD	Summer Winter Summer Winter	1/a n/a n/a n/a
	Estimated in Place Energy (kWh) Savings	PTD	S	n/a
	Estimated in Place E	YTD		n/a



January - December, 2003 Smart Audit - Industrial Reporting Period:

	Costs		
Description	Year-To-Date	Retroactive Adjustment	Program-To-Date
Total Evaluation	00.00	00.0	5,741.00
Equipment/Vendor:	00.00	00.0	37,786.00
Promotional:	00.00	00.00	0.00
Customer Incentives:	00.00	00.00	0.00
Other Costs:	00.00	0.00	161.00
Total Program Costs:	0.00	00.00	43,688.00
Lost Revenues:	0.00	00.0	0.00
Efficiency Incentive:	00.0	00.00	0.00
Maximizing Incentive:	0.00	0.00	2,186.00
Total Costs:	00.0	00.00	45,874.00



### COMMENTS:

This program was discontinued December 31, 1998.





#### PROGRAM INFORMATION PROGRAM: Smart Incentive - Industrial REPORTING PERIOD: | January - December, 2003 PARTICIPANT DEFINITION: Number of Incentives CUSTOMER SECTOR: | Industrial

						2003	03							
Participant	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	YTD	PTD
General	0	0	0	0	0	0	0	0	0	0	0	0	0	
Compressed Air	0	0	0	0	0	0	0	0	0	0	0	0	0	

Estimated in Place Energy	nergy (kWh) Savings	Impacts	acts Anticipated Peak Demand (kW) Reduction	nand (kW) Redu	ction
YTD	PTD	VTD	Q.	d	PTD
		Summer	Winter	Summer	Winter
0	74,949	0	0	9	9



Smart Incentive - Industrial	January - December, 2003
	Reporting Period:

	Costs		
Description	Year-To-Date	Retroactive Adjustment	Program-To-Date
Total Evaluation	0.00	00.0	28,385.00
Equipment/Vendor:	0.00	00.0	3,288.00
Promotional:	0.00	00.00	0.00
Customer Incentives:	0.00	00.00	441.00
Other Costs:	0.00	00.0	0.00
Total Program Costs:	0.00	0.00	32,114.00
Lost Revenues:	0.00	00.0	0.00
Efficiency Incentive:	00.0	00.0	383.00
Maximizing Incentive:	00.00	00.0	655.00
Total Costs:	0.00	00.00	33,152.00



### COMMENTS:

This program was discontinued December 31, 1998.

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DERIVATION OF 3 SECTOR S ,HARGES FOR 3 YR EXPERIMENT					PAGE 1 of	12
RESIDENTIAL SECTOR	TOTAL YEARS 1 thru 7	YEAR 8 (2003)	YEAR 8 (2003)	YEAR 9 (2004)	YEAR 9 (2004)	TOTAL
		1st HALF	2nd HALF	1st QTR	2nd, 3rd, 4th QTRS	
	(1)	(2)	(3)	(4)	(5)	(6)
1 CURRENT PERIOD AMOUNT TO BE RECOVERED 2 CUMULATIVE (OVER)/UNDER COLLECTION	\$5,533,339		\$395,581	\$189,428	\$706,950	\$7,024,1
3 18 MOS. RETROACTIVE(OVER)/UNDER ADJUSTMENT	0 (41,824	00,000	55,727 0	192,857	108,277 \$0	(41,8
4 TOTAL TO BE RECOVERED	5,491,515	298,418	451,308	200.005		
5 TOTAL AMOUNT RECOVERED AS OF 12/31/2002 6 EXPECTED FUTURE RECOVERIES	5,382,079	242,691	258,451	382,285 0	815,227	6,982,2 5,883,2
7 TRANSFER PORTION OF BALANCE FROM INDUSTRIAL	(9,833		0	274,008 0	462,580	736,5
8 (OVER)/UNDER COLLECTION TO BE REFUNDED	\$99,603				0	(9,8
31025	\$35,603	\$55,727 ========	\$192,857 ======	\$108,277 =======	\$352,647	\$352,6 =====
AMOUNT TO BE RECOVERED					#04F 007	
ADJ. ESTIMATED SECTOR KWH - YEAR 9					\$815,227	
SURCHARGE RANGE (\$ PER KWH)				822,848,000	1,640,355,400	
FLOOR (CARRYOVER)	COL. 5, L 2 / COL	5   10				
MIDPOINT - proposed rate  CEILING (TOTAL COST)				0.000333	0.000066 0.000282	
	COL. 5, L4/COL	. 5, L 10			0.000497	
COMMERCIAL SECTOR	TOTAL YEARS 1 thru 7	YEAR 8 (2003)	YEAR 8 (2003)	YEAR 9 (2004)	YEAR 9 (2004)	TOTAL
		1st HALF	2nd HALF	1st QTR	2nd, 3rd, 4th QTRS	
	(1)	(2)	(3)	(4)	(5)	(6)
CURRENT PERIOD AMOUNT TO BE RECOVERED CUMULATIVE (OVER)/UNDER COLLECTION	\$2,593,695	\$91,426	\$71,660	\$30,165	\$67,884	\$2,854,8
18 MOS. RETROACTIVE(OVER)/UNDER ADJUSTMENT	1,520	131,276	98,654 0	29,606	(82,799) 0	
TOTAL TO BE RECOVERED	2,595,215	222.702				1,5
TOTAL AMOUNT RECOVERED AS OF 12/31/2002 EXPECTED FUTURE RECOVERIES	2,460,661	222,702 124,048	170,314 140,708	59,771 0	(14,915)	2,856,3 2,725,4
TRANSFER PORTION OF BALANCE FROM INDUSTRIAL	(3,278)	0	0	142,570	(49,747)	92,8
(OVER)/UNDER COLLECTION TO BE REFUNDED			0	0	0	(3,2
(19 TENT)/SNIDEN ODEEEO HON TO BE REFUNDED	\$131,276 ======	\$98,654	\$29,606	(\$82,799)	\$34,832	\$34,8
AMOUNT TO BE RECOVERED						
ADJ. ESTIMATED SECTOR KWH - YEAR 9					(\$14,915)	
				344,372,400	1,015,243,200	
SURCHARGE RANGE (\$ PER KWH) FLOOR (CARRYOVER)	001 5 1 45 1001					
MIDPOINT - proposed rate	COL. 5, L 15 / COL.			0.000414	(0.000082)	
CEILING (TOTAL COST)	COL. 5, L 17 / COL.	5, L 23		0.000414	(0.000049) (0.000015)	
INDUSTRIAL SECTOR	TOTAL YEARS 1 thru 7	YEAR 8 (2003)	YEAR 8 (2003)	YEAR 9 (2004)	YEAR 9	
					(2004) 2nd, 3rd, 4th	TOTAL
	(1)	1st HALF (2)	2nd HALF (3)	1st QTR (4)	QTRS (5)	
CURRENT PERIOD AMOUNT TO BE RECOVERED	\$79,026	\$0	••0			(6)
CUMULATIVE (OVER)/UNDER COLLECTION 18 MOS. RETROACTIVE(OVER)/UNDER ADJUSTMENT	0	0	\$0	\$0	\$0; 0	\$79,02
TOTAL TO BE RECOVERED	0	0	0	0	0	
TOTAL AMOUNT RECOVERED AS OF 12/31/2002	79,026 92,137	0	0	0		79,02
EXPECTED FUTURE RECOVERIES TRANSFER BALANCE TO RESIDENTIAL & COMMERCIAL	0	0	0	0	0	92,13
	13,111	0	0	0	0	13,11
OVER)/UNDER COLLECTION TO BE REFUNDED	\$0	\$0	\$0	\$0	\$0	\$(
MOUNT TO BE RECOVERED		========		=======	========	=======
					\$0	
NDJ. ESTIMATED SECTOR KWH - YEAR 9				361,929,600	777,702,600	
SURCHARGE RANGE (\$ PER KWH) FLOOR (CARRYOVER)						
MIDPOINT CEILING (TOTAL COST) - proposed rate					0.000000	
LIEUNIC (TOTAL COOP)					0.000000	

PARTICLE STATE STATE AND THE STATE AND STAT	H996  KENTUCKY POWER COMPANY ESTIMATED SECTOR SURCHARGES FOR 3 YR PROGRAM	ВАМ				Exhibit C Page 2 of 12							
The column   The			CUMULATIVE PARTICIPANT NUMBER (2)	TOTAL ESTMATED PROGRAM COSTS PER PARTICIPANT (3) (3)	TOTAL ACT. PROGRAM COSTS (4) (1)X(3)	NET LOST REVIYR R KWH/PARTIC) (5)	TOTAL TOTAL KWH/YR (6) (2)X(5)	NET LOST REVENUE (\$/RWH) (7)			MAXIMIZING INCENTIVE (5% of COSTS) (10) (4)X(5%)		TOTAL EST. COSTS TO BE RECOVERED (12) (4)+(8)+(11)
4.5         5.5         2.1         \$7.5         1.6         \$1.0         \$1.	Sectric VI Electric	223 74 269	101	\$1,026.88 \$372.19 \$56.06		2,630 5,570 680 62	398,120 562,570 23,800 4,526		\$12,397 \$17,513 \$744 \$140	\$43,177 \$0 \$719 \$425	\$11,450	\$43,177 \$11,450 \$719 \$425	\$177,925 \$257,957 \$29,005 \$15,646
2,610         999         \$1,024	High - Efficiency Heat Pump - Resistance Heat - Non Resistance Heat - High - Efficiency Heat Pump - Mobile Home - Mobile Home New Construction	539 527 356 70	216 206 158	\$73.49		2,275 813 2,160	491,400 167,478 341,280		\$15,292 \$5,215 \$10,617	\$10,634 \$8,796 \$13,834		\$10,634 \$8,796 \$13,834	\$65,537 \$46,321 \$201,365
91         110         \$1,256         \$1,14,524         0         0         0         \$5,726         \$5	MS	1 1 1 1 1 1	99 8		\$663,291		1:12:11		\$61.918	\$77,585	\$1,024	\$1,024	\$21,512 \$815,268 ======
15         \$1499.0         \$2.241         0         0         0         0         \$6.960         \$11.2		10 0 0	1 1 1 1 1 1 1	\$1,258.51 \$1,875.40 \$5,794.00	29 85	22.000 30,600		\$0.04	0.05	905\$	\$5,726	\$5,726 \$469 \$506 \$0 \$0	\$120,250 \$9,846 \$6,300 \$136,396 \$136,396
	INDUSTRIAL PROGRAMS.  (w/Est. Opt Outs Removed) Smart Audit - Class 1 Smart Audit - Class 2 Smart Financing - General Smart Financing - General Smart Financing - Compressed Air System TOTAL INDUSTRIAL PROGRAMS  TOTAL COMPANY	15 15 15 15 15 15 15 15 15 15 15 15 15 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	980.00	\$2.241 \$17.860 \$3.919 \$0 \$24.120	28,200 164,800	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		05 05 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	\$112 \$896 \$196 \$10 \$1 \$1,206 \$1,206	\$112 \$889 \$196 \$0 \$1,206 \$97,996	\$2,353 \$18.858 \$4,115 \$0.25 \$25,326

KENTUCKY POWER COMPANY ESTIMATED SECTOR SURCHARGES FOR 1997					Exhibit C PAGE 3A of	12						
YEAR 2 ( 1st HALF )	NEW PARTICIPANT	CUMULATIVE	TOTAL ESTIMATED PROGRAM COSTS	TOTAL ACT.	NET LOST REV/6 MOS	TOTAL ENERGY SAVINGS	NET LOST REVENIE	TOTAL NET	EFFICIENCY	MAXIMIZING		TOTAL EST.
DESCRIPTIONS	NUMBER (1)	_		1	(KWH/PARTIC)	KWH/6 MOS	(\$/KWH)	REVENUES	(EX. C, PG.9B)	(5% of COSTS)	INCENTIVE	RECOVERED
RESIDENTIAL PROGRAMS		/=/	(2)	(1)X(3)	(c)	(6) (2)X(5)	6	(8) (6)X(7)	(6)	(10) (4)X(5%)	(11)	(12)
Energy Fitness	273		\$260.68			875 505		601 000	100		(01) (0)	(+)_(0)_(+)
largeted Energy Efficiency - All Electric	118	279		\$96,638	2,785	777,015		\$24,188	\$21,354	n/a \$4,832	\$21,354	\$119,787
Compart Fluorecourt Bulk	4					29,920	\$0.03	\$935	\$252	n/a	\$252	\$3,481
High - Efficiency Heat Pump - Besistance Loca					31	8,339		\$258	0\$	п/а	0\$	\$258
Non Resistance Heat	124	590	\$2.58	\$317	1,138	671,420	\$0.03	\$20,895	\$2,427	n/a	\$2,427	\$23,639
High - Efficiency Heat Pump - Mobile Home	109			5		425,467		\$7,364	\$2,070	n/a	\$2,070	\$9,752
Mobile Home New Construction						433,640		\$13,540	\$4,236	n/a	\$4,236	\$34,984
	12	78	\$635.17	\$7,622	0	0	n/a	n/a	\$0	\$381	\$381	\$8,003
IOIAL RESIDENTIAL PROGRAMS	785	L		\$195,564		3,033,996		\$94,446	\$30,339	\$5.213	£35 550	4325 562
									1	3000	======	
COMMERCIAL PROGRAMS Smart Audit - Class 1	100											
· Class 2	-	6	\$2.705.00	\$59,152	0 0	0 0	n/a	n/a	0\$	\$3,208	\$3,208	\$67,360
Smart Financing - Existing Building	0			\$5,629	11,000	11,000		\$469	3 S	\$1,488	\$1,488	\$31,243
Dining to		0			15,300	0	П	0\$	\$50	n/a	\$50	\$4,742
TOTAL COMMERCIAL PROGRAMS	255	217		\$104.228		11 000		6460	Cae			
								DOT ::	nce	44,97/	\$5,027	\$109,724
INDUSTRIAL PROGRAMS -												
(w/Est. Opt-Outs Removed) art Audit - Class 1												
art Audit - Class 2	B -		\$279.56	\$2,516	0	0	n/a	n/a	0\$	\$126	\$126	\$2,642
Smart Financing - General	0	0	n/a	\$7,840	14.100	0 0	n/a \$0.04	n/a	09	\$57	\$57	\$1,190
are manding - Compressed Air System	0			0\$	82,400	0	\$0.03	0\$	0\$	\$392	\$392	\$8,232
TOTAL INDUSTRIAL PROGRAMS	10	25		400							9	O <del>P</del>
	=======================================	77		484		0		\$	0\$	\$575	\$575	\$12,064
TOTAL COMPANY	1,050	3,178				300 770 8		904 040	=======		110 trape	
	***************************************			=======================================		200,440,0		8984,910	\$30,389	\$10,765	\$41,154	\$447,350
Lost revenue and efficiency incentives are based on initial values per the settlement agreement.	on initial values	per the settlemen	it agreement.									

Column   C						_		_				_	
Particular   Par													
PANTICON   CANADIATE   CANAD	ENTUCKY POWER COMPANY STIMATED SECTOR SURCHARGES FOR 3 YR	PROGRAM					12						
MANAMENTO   MANA	AR 2 ( 3rd QTR )	NEW	O I I I I I	101	1 1 1								
1   1   1   1   1   1   1   1   1   1		PARTICIDANT	DADTICIDANIT	POOD ESTIMATED		NETLOST	1 1	NET LOST	TOTAL NET:	EFFICIENCY	MAXIMIZING		TOTAL EST.
10   10   10   10   10   10   10   10	OGRAM DESCRIPTIONS	NUMBER	A MARIA	PER DARTICIDANIT	- 1	REV/OTR		REVENUE	LOST	INCENTIVE	INCENTIVE	TOTAL *	COSTS TO RE
Column   C		(3)	(2)	(3)	İ	(AWH/PARIIC)	KWH/QIR	(\$/KWH)	REVENUES	(EX. C, PG.9B)	(5% of COSTS)	INCENTIVE	RECOVER
Column   C	SIDENTIAL BEOODS 450				(1)X(3)	2	(2)X(5)	100	(8)	(6)	(10)	(11)	(12)
140   170	rov Finess								(Alvin)		(4)V( 2%)	(01)+(6)	(4)+(8)+(11)
1   1   1   1   1   1   1   1   1   1	geted Energy Efficiency - All Electric	257					326,337		\$10,156	\$5,340	n/a	\$5.340	\$63.03
Heat   199   777   5855.65   585000   522   58500	- Non-All Electric						513,648		\$15,980	O\$	\$2,780	\$2,780	\$74,35
Heat   Color   Color	npact Fluorescent Bulb						18,360		\$574	\$25	n/a	\$25	\$3,49
1						16	4,304		\$133	0\$	Ç¢	0\$	\$133
Column   C	1 - Efficiency Heat Pump - Resistance Heat Non Resistance Heat	109					392,199		\$12,213	\$787	n/a	\$787	\$19,00
1	FERNOON Hoot Burns Marie 1						153,585	ĺ	\$4,786	\$2,445	n/a	\$2,445	\$12,79
Column   C	- Circeicy real Fump - Mobile Home	77				625	318,125	\$0.03	\$9,894	\$2,503	n/a	\$2,503	\$65.49
1,286,588   3,706   1,286,589   1,286,58	ile Home New Construction	0		n/a		0	O			G	2000	LOCO	100
1,126,689   550,739   511,100   52,0024   514,169   51	TOTAL RESIDENTIAL PROCESAME	: 1								O.	COSE	5305	\$6,39
100		593			\$176,788		1,726,568		\$53,736	\$11,100	\$3,085	\$14.185	\$244.70
1   25,0024							H H H H H H H H H		# H	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		=====	
1	MERCIAL PROGRAMS												
Column   C	n Audit - Class 1	86		\$413.13	\$40.487	0	0						
1	- Class 2 T Financing - Existing Building	5		\$2,705.00	\$13,525	0	0			0	\$2,024	\$2,024	\$42,51
105   405	t Financing - New Building	2		\$3,067.00	\$6,134	11,100	22,200	\$0.04	\$940	\$1.627	n/a	\$1.627	\$8 701
105   405	8	11	- 1	n/a		7,650	7,650	\$0.04	\$327	0\$	\$0	0\$	\$327
Colored   Colo	TOTAL COMMERCIAL PROGRAMS	105			: 1		020 000		100.0				
Column   C			# # # # # # # # # # # # # # # # # # #				100,02		/07'10	/29'1\$	\$2,700	\$4,327	\$65
2   2   5   5   5   5   5   5   5   5	STRIAL PROGRAMS. (WESt. Opt-Outs Removed)												
1	Audit Case 2	3	56	\$666.00	\$1,998	0	0			ę,	6400	00.5	000
14,625	Financino - General	0	က	n/a	\$0	0	0			29	0014	900	85,098
Section   Sect	t Financing - Compressed Air System	0	0	n/a	\$4,785	14,625	0	\$0.04	0\$	G. G.	2/2	9	44 705
OTAL DUDISTRIAL PROGRAMS         3         29         \$6,783         6,783         701         \$100	Haleko IIV passa dina a	0	0		0\$	41,200	0	\$0.04	\$00	0\$	0\$	Q Q	00/14
OTAL COMPANY         701         4,140         \$243,717         \$243,717         \$55,003         \$12,727         \$5,885         \$18,612         \$55,003           Set revnue and efficiency incentives are based on prospective values.	TOTAL INDUSTRIAL PROGRAMS		ç		100								
OTAL COMPANY         701         4,140         \$243,717         \$243,717         \$55,003         \$12,727         \$5,885         \$18,612         \$5           St revenue and efficiency incentives are based on prospective values.		> ====================================	0.0				0		0\$	80	\$100	\$100	\$6,883
1.1.5b,418         \$55,003         \$12,727         \$5,885         \$18,612           301 (evenue and efficiency incentives are based on prospective values.         ************************************	TOTAL COMPANY	701	4.140		\$243 717	The state of the s	THE COLD IN CO	+	=======		1)		
OSI revenue and efficiency incentives are based on prospective values.		***************************************	**********		SEEDING SEEDING		1,756,418	+	\$55,003	\$12,727	\$5,885	\$18,612	\$317,332
Los reverué and efficiency incentives are based on prospective values.							(r )) 		=======================================		400000000000000000000000000000000000000	* * * * * * * * * * * * * * * * * * * *	11 11 11 11 11 11 11 11 11 11 11 11 11
	OSI revenue and efficiency incentives are base	d on prospective v	alues.									74	
									1				

Control Police Combay   Control Police Control Po													
Particular   Par													
National Particular	NTUCKY POWER COMPANY TIMATED SECTOR SURCHARGES FOR 3 YR PR	OGRAM					2						
PATICHE   PATI		NEW	1 1	TOTAL ESTIMATED	TOTAL ACT.	NETLOST	TOTAI	NET	TOTAL MET	>CEELO:	CHILITANA		
The control of the		PARTICIPANT	1 1	PROGRAM COSTS	PROGRAM	REV/QTR	ENERGY SAVINGS	REVENUE	LOST	INCENTIVE	INCENTIVE	TOTAL.	COSTS TO BE
A		(1)	1 1	(3)	(4)	(5)	(6)	(*/KWH)	MEVENUES (8)	(EX. C, PG.9B) (9)	(5% of COSTS) (10)	INCENTIVE (11)	RECOVERED
Type Grant Control (1.2)         422         1.25         55.14 (1.5)         3.4         6.00 (1.5)         5.00 (1.5)<	SIDENTIAL PROGRAMS				(1)X(3)		(2)X(5)		(6)X(7)		(4)X(5%)	(9)+(10)	(4)+(8)+(11)
Fig. 18 (1970) (1974) (	rigy Fitness	432	-	\$259.53	\$112,115	341	438.867		\$13,658	¢8 077	0) 0	90 022	
OF CHANAIS         OF CHANAIS         SECTION STATES         SECTION STATES<	Jered Ellery Ellicienty - All Electric	124		\$924.15	\$114,595	1,393	617,099		\$19,198	0\$	\$5,730	\$5,730	\$139.72
Programme Team         111         627         516.69         517.68         517.69         517.6		0,		\$103.55	\$8,077	1.70	24,820		\$775	\$129	n/a	\$129	\$8,98
Procession of Hamilan (1997)         111         R27         \$16,589         \$16,589         \$16,579         \$16,599 <td></td> <td></td> <td>607</td> <td>n/a</td> <td>0.9</td> <td>17</td> <td>4,573</td> <td></td> <td>\$141</td> <td>0\$</td> <td>O\$</td> <td>\$0</td> <td>\$141</td>			607	n/a	0.9	17	4,573		\$141	0\$	O\$	\$0	\$141
Processaria	Efficiency Heat Pump - Resistance Heat     Non Resistance Heat	111	823 782	\$106.90	\$11,866	547	450,181		\$14,019	\$801	n/a	\$801	\$26,68
Figure   F	n - Efficiency Heat Pump - Mobile Home	50	565	\$406.70	\$20,335	625	353 125		610 000	64 676	B   11	94,36	\$22,85
PROGRAMS   SECTION   SEC	ile Home New Construction		CA	0/0	1041.67				200,014	C20'16	n/a	529,F&	\$32,94
State   Stat	9			021	(64/4)	0	0				(\$37)	(\$37)	(\$78)
State   Stat	+	897	4,397		\$280,744		2,061,487		\$64,158	\$14,501	\$5.693	\$20 194	4365 096
Second					311111111111111111111111111111111111111		11 11 11 11 11 11 11 11 11 11 11 11 11		11 11 11 11 11 11 11 11 11 11 11 11 11			# B H H H H H H H H H H H H H H H H H H	######################################
PRIOGRAMS   21   473   420	MERCIAL PROGRAMS												
Building         9         6         82,286.56         58,040         50.04         53.76         50.04         52,640	- Class 2	71	473	\$230.92	\$16,395	0	0			0\$	\$820	\$820	\$17.21
FROGRAMS	t Financing - Existing Building	6	200	\$2,705.00	\$56,805	0	0			0\$	\$2,840	\$2,840	\$59,64
PROGRAMS         101         516         \$500,048         \$500,	t Financing - New Building	0	-	n/a	\$0,040	7 650	88,800	\$0.04	\$3,761	\$7,320	п/а	\$7,320	\$31,624
30 - 10   30   30   30   30   30   30   30		1	4	1 1			13.	5	1200	2	n/a	2	\$35
Opt-Outs Removed)         18         37         \$554.22         \$59,436         0         0         0         \$60.04		101	515		\$93,743		96,450		\$4,088	\$7,320	\$3,660	\$10,980	\$108,811
Opt-Outs Removed)         18         37         \$524.22         \$9.436         0         0         472         \$472									11 11 11 11 11 11 11 11 11 11 11 11 11			8 11 11 11 11 11 11	*=====
Popt-Curits Nemowed)         18         37         \$524.22         \$94.36         0         0         0         0         \$472	STRIAL PROGRAMS												
18   37   \$524.22   \$9,436   0   0   0   0   5472   \$47	Audit Class 4												
Sed Air System         0         0         0         0         0         555         \$557         \$557<	Audit - Class 2	18	37	\$524.22	\$9,436	0	0			\$0	\$472	C472	900 00
Sed Air System         0         0         0         n/a         \$11,802         14,625         0         \$0.04         \$0         \$0         \$0         n/a         \$0         \$	Financino - General		e (	n/a	\$1,094	0	0			0\$	\$55	455	\$1.149
16 40 500 4 500 500 500 500 500 500 500 50	Financing - Compressed Air System		5 0	n/a	\$11,802	14,625	0	\$0.04	80	0\$	n/a	90	\$11.802
40         \$22,332         0         \$0         \$0         \$227         \$327           4,952         \$336,819         2,157,937         \$68,246         \$21,621         \$9,880         \$31,701         \$31,70				n/a	0\$	41,200	0	\$0.04	O\$	0\$	0\$	0\$	9
4,952 \$336,819 \$2.157,937 \$68,246 \$21,021 \$9,800 \$31,701 § § § § § § § § § § § § § § § § § § §			1		\$22 332								
4,952 \$396,819 2,157,337 \$68,246 \$21,821 \$980 \$31,701									2	3	\$25/	\$527	\$22,859
Values:		1,016	4,952		\$396,819		2 157 937		\$68 246	£21 R21	40 000		
values.	=======================================				D-125====================================		H H H H H H H H H H H H H H H H H H H		017,000	120,120	000,64	431,/01	\$496,766
	ost revenue and efficiency incentives are based c	on prospective	values.										
		_ -											
			-					_					

Figure   F	The color of the	And the second s												
The property   The	Column   C													
	National Particle Anti-Charle   Procession of Signature   Procession	ÉSTIMATED SECTOR SURCHARGES FOR 3 YE.	AR PROGRAM					12						
Main Charle	Public   P	EAR3(1st HALF)	NEW	CUMULATIVE	TOTAL ESTIMATED	1 1 1	METIO	IATOT	TOO	111111111111111111111111111111111111111				
Column   C	Column   C	ROGRAM DESCRIPTIONS	PARTICIPANT NUMBER (1)	PARTICIPANT NUMBER	PROGRAM COSTS PER PARTICIPANT			ENERGY SAVINGS KWH/6 MOS	REVENUE (\$/KWH)	LOST REVENUES	INCENTIVE (EX. C. PG.9B)	MAXIMIZING INCENTIVE (5% of COSTS)	TOTAL *	TOTAL EST. COSTS TO BE RECOVER'
1.   1.   1.   1.   1.   1.   1.   1.	Column   C	ESIDENTIAL PROGRAMS		7_1_	(6)	(1)X(3)	(c)	(5) (2)X(5)	(2)	(8) (5)X(7)	(6)	(10) (4)X( 5%)	(11)	(12)
Columb   C	Column   C		54					1,205,776		\$37,524	\$11,304	1 1 10	\$11,304	\$149,16
Column   C	Part   26   269   550.00   51.422   1.034   290.03   590.00   58	1	6				340	9000		\$2,156	\$40	1/a n/a	\$6,911	\$194,0 \$4,90
Heat   23   Heat   24   Heat   25   Heat	Heat 27 68 68 557.00 51.020 1.004 970.376 50.03 550.26 55.07 1.004 1.004 1.007.376 50.03 550.26 55.07 1.004	ompact Fluorescent Bulb				0\$	32	8,608		\$266	\$0	0\$	\$0	\$26
60         61         61         61         61         62         61         62         770,000         60.03         670,000         60.03         670,000         60.03	Column   C	gh - Efficiency Heat Pump - Resistance Heat - Non Resistance Heat	28			\$1,472	1,094	970,378 374,816		\$30,218	\$152	n/a 8/u	\$152	\$31,84
Column   C	Column   C	gh - Efficiency Heat Pump - Mobile Home	39		\$535.30	\$35,330	1,250	000'022		\$23,947	\$2.145	3 6	\$2 145	AC + 40
1	Column   C	obile Home New Construction			n/a	0\$	0	0			6	5		74,100
Column   C	Column   C	TOTAL RESIDENTIAL PROGRAMS				¢0200					9	De .	0\$	**
204 597 \$194.13 \$39.602 0 0 0 0 0 0 0 85.500 \$5.500 \$1.390 \$1.390 \$1.390 \$1.390 \$1.390 \$1.390 \$1.390 \$1.390 \$1.390 \$1.300 \$1.5	28 6.06 \$1,500.00 \$44,000 \$44,000 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$44,000 \$40,000 \$40,			200		700'6/70		4,9/1,558		\$154,725	\$14,398	\$6,911	\$21,309	\$455,91
Column   C	Column   C	MANGEDOIAL DECOGRAMO												
1	Column   C	art Audit - Class 1	202		610110	000								
1   1   1   1   1   2   2   2   2   2	1   1   1   1   1   1   1   1   1   1	- Class 2	28		\$1,600.00	\$44.800	0 0	0			0\$	\$1,980	\$1,980	\$41,58
Column   C	1   1   1   1   1   1   1   1   1   1	art Financing - Existing Building	80		\$5,581.50	\$44,652	22,200	355,200	80	\$15,043	\$6.506	\$2,240	\$2,240	\$47.04
Column   C	Column   C	Para de la constanta de la con			\$4,564.00	- 13	15,300	1 1		\$654	\$29	0\$	\$29	\$5,24
d)	(d) 12 51 \$246.08 \$2.953	TOTAL COMMERCIAL PROGRAMS	241					11		\$15.697	\$6.535	\$4 220	\$10.755	6460
12   51   5246.08   \$22.963   0   0   0   0   0   0   0   0   0	12   51   \$246.08   \$2.953   0   0   0   0   0   0   0   0   0					201111111111111111111111111111111111111					11 11 11 11 11 11 11 11 11 11 11 11 11	22222	100 to 10	100
12   12   12   12   13   13   13   13	12   51   \$246.08   \$2.953   0   0   n/a   8.0	USTRIAL PROGRAMS - (w/Est. Opt-Ouls Removed)												
1	1   3   \$1,800 00   \$1,338   \$29,250   0   0   0   0   0   0   0   0   0	art Audit - Class 1	12	51	\$246.08	\$2.953					Ç			
13   13   13   13   13   13   13   13	13   54   50.00   \$1,338   29,250   0   \$0.04   \$0.0   \$67	at Financino - General		3	\$1,800.00	\$1,800	0	0	L		08	\$148	\$148	\$3,10
13   54   \$6,091   0   \$10.04   \$0   \$0   \$0   \$0   \$0   \$0   \$0	13   54   \$6,091   0   \$10,04   \$50   \$5	art Financing - Compressed Air System	0	0	\$0.00	\$1,338	29,250	0		\$0	0\$	29\$	\$67	\$1,40
3   54   \$6,091   0     \$0   \$0   \$0   \$0   \$0   \$0	3   54   \$6,091   0   \$6   \$505   \$305   \$305   \$1057   \$1057   \$1056   \$1056   \$1057   \$105	TOTAL INDICATION ISTORY			00.00		62,400					- !	0\$	) <del>\$</del>
1,057 5,966 \$419,591 5,1436 \$170,422 \$20,933 \$11,436 \$32,369 \$\$ \$\$ on prospective values.	1.057 5.966 \$419.591 5.342,058 \$170,422 \$20,933 \$114.36	OTAL MOOS HIST PROGRAMS	13	54				0			0\$		\$305	965.9%
On prospective values.	On prospective values.	TOTAL COMPANY	1,057					***************************************		2000000	# # # # # # # # # # # # # # # # # # #		=======	
on prospective values.	on prospective values.		*********	25225	The second secon	* I II		5,342,058		\$170,422	\$20,933	\$11,436	\$32,369	\$622,382
		Lost revenue and efficiency incentives are base	ed on prospective v	alues.						4.0			H	

Micro   Micr	OWEARWY         CUMULATIVE TOTAL ESTIMATED TOTAL ACT T					
PARTICIPANT	NEW   CUMULATIVE   TOTAL ESTIMATED   TOTAL ACT   NET LOST   TOTAL ESTIMATED   TOTAL ACT   NET LOST   TOTAL ESTIMATED   TOTAL ACT   NET LOST   KNIPFING					
Column   C	1				TOTAL	TOTAL EST. COSTS TO BE
14.0   12.77   12.01	Heart   Carry   Sign	$\bot \bot \bot$	+++	+++	(11) (9)+(10)	(4)+(8)+(11)
Figure   Columbia C	Figure   42   228    \$139 62    \$5,864    340				\$9,309	\$192,618
Heal   108   940	Heat 108 940 \$147.45 \$15.955 1,094   Heat 108 940 \$72.27 \$15.955 1,094   Heat 108 940 \$77.27 \$15.955 1,094   Heat 108 940 \$72.27 \$18.900 1,250    9 999 6,090 \$4.24,101     9 73 \$2.800.00 \$25.200     17				\$7,778	\$223,709
1	Heat   64   694   \$72.27   \$4.625   442				0\$	\$266
1, 10   1, 1	1,250   1,250   1,250   1,250   1,250		\$		\$1,863	\$48,728
178   178	178   178   173   18534.85   1855.200   0   0   0   0   0   0   0   0   0				\$5,623	\$124,333
Column   C	178   795   \$534.85   \$95,203   0				206\$	\$19,039
178   758   \$534.65   \$562.00   0   0   0   0   0   0   0   0   0	178   795   \$534.65   \$95,203   0   0   0   0   0   0   0   0   0	818		н	\$26,330	\$635,956
Column   C	(ed.) 29 22 51,876,86 55,520 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	n/a	0\$		£4.760	590 000
Color   Colo	(ed) 2 5 6 5 1529 20 57,646 15,300 (15,300) (15,				\$1,260	\$26,460
Column   C	(ed.) 2 596 \$1825.36 (ed.) 2 600 \$2.430 \$2.4				\$144	\$11,716
ed)         3         59         \$8822.33         \$22.557         0         0         n/a         \$0         \$128 <td>(ed.)  3 59 \$852.33 \$2.557 0  0 4 \$0.00 \$0.00 \$0.00  0 \$0.00 \$2.430 29.250  0 \$0.00 \$2.430 82.430  1 0 \$0.00 \$2.430 82.430</td> <td>£\$</td> <td></td> <td>     </td> <td>\$29,749</td> <td>\$246,296</td>	(ed.)  3 59 \$852.33 \$2.557 0  0 4 \$0.00 \$0.00 \$0.00  0 \$0.00 \$2.430 29.250  0 \$0.00 \$2.430 82.430  1 0 \$0.00 \$2.430 82.430	£\$			\$29,749	\$246,296
1	0 4 \$6.00 \$0 1 0 80.00 \$22.430 29.250 80.00 \$0.00 \$2.400 4 63 \$4.987	6/0	\$			
Compact   Comp	\$0.00 \$0.00 \$2.400	n/a \$0.04		0	\$128	\$2,685
	AND THE PROPERTY OF THE PROPER		08 09	ě	0\$	80
DECOME CONTROL STREETS SERVICES STREETS STREET	\$611,624 £611,624	\$219			\$511	\$5,498
					DEC'OC¢	\$887,750

KENTUCKY POWER COMPANY ESTIMATED SECTOR SURCHARGES FOR 3 YEAR PROGRAM												
	ROGRAM				Exhibit C PAGE 5A of	12						
	NEW PARTICIPANT	CUMULATIVE	TOTAL ESTIMATED	TOTAL ACT.	NETLOST	TOTAL	NET LOST	TOTAL NET	EFFICIENCY	MAXIMIZING		TOTAL EST.
PROGRAM DESCRIPTIONS NU	NUMBER	NUMBER **	PER PARTICIPANT	COSTS	(KWH/PARTIC)	ENERGY SAVINGS KWH/HALF	(\$/KWH)	LOST	(EX. C, PG.9B)	(5% of COSTS)	TOTAL *	COSTS TO BE
PROGRAMS		(2)	(3)	(4) (1)X(3)	(5)	(6) (2)X(5)	(2)	(8) (6)X(7)	(6)	(10) (4)X( 5%)	(11)	(12) (4)+(8)+
Energy Fitness Targeted Fnerry Efficiency, All Elocation	306	2,694	\$312.58	\$95,650	707	1,904,658	\$0.03	\$59.273	\$10.370	9	£40.970	000
- Non-All Electric	12	249	\$1,907.41	\$143,056	908	486,990	\$0.03	\$15,150	08	\$7,153	\$7,153	\$165,359
Compact Fluorescent Bulb	0	269	\$0.00	\$0	31	8,339		\$258	0\$	0\$	098	\$3,784
High - Efficiency Heat Pump - Resistance Heat	66	1,002	\$273.74	\$27,100	1,200	1,202,400	\$0.03	\$37,443	\$4,375	0\$	\$4.375	\$68 94
Hinh - Efficiency Host Burns Makits II-	7	200	\$50.00	\$100	442	377,026		\$11,748	\$0	35	\$5	\$11,853
Sweet Culp - Mobile Home	101	826	\$545.99	\$55,145	1,475	1,218,350	\$0.03	\$37,891	\$8,505	0\$	\$8,505	\$101,541
Middle Home New Construction ***	86	45	\$587.20	\$57,546	1,756	79,020	\$0.03	\$2,458	\$4,353	\$0	\$4,353	\$64.357
TOTAL RESIDENTIAL PROGRAMS		6,711		\$379,941		5.352.977		\$166 GO1	£97 663	67 450	700	
# 1		200000000000000000000000000000000000000				111111111111111111111111111111111111111		=======================================	======	001'/#	#24,021	\$581,363 ======
COMMERCIAL PROGRAMS Smart Audit - Class 1								, ,				
- Class 2	2 4	964	\$204.71	\$38,076		0	n/a		\$0	\$1,904	\$1,904	\$39,980
Smart Financing - Existing Building	9	51	\$5,109.67	\$30.658	13 282	0 677 382	n/a	400 607	0\$	\$2,164	\$2,164	\$45,444
Dulound - New Dulloung	က	6	\$0.00	\$2,350	14,101	126,909	\$0.04	\$5,428	\$787	0\$	\$787	\$60,740
TOTAL COMMERCIAL PROGRAMS	211	1,11		\$114,364		804 291		£24 11E	000	000		
									201,20	\$4,000	*P,25U	\$154,729
INDUSTRIAL PROGRAMS - (w/Est. Opt-Outs Removed)										100		
udit - Class 1	0	09	\$0.00	0\$	c	0	0/0		Ç			
Smart Financing - General	0	4	\$0.00	\$0	0	0	n/a		0\$	0	0	Q Q
Smart Financing - Compressed Air System	0 0	1	\$0.00	0\$	0	0	\$0.04	\$0	\$0	0\$	Q Q	A 5
	> 1	0	\$0.00	0\$	0	0	\$0.04	0\$	\$0	0\$	\$0	98
IOTAL INDUSTRIAL PROGRAMS	0	65		0\$		0		S	9	9		
TOTAL COMPANY	-					H H H H H H H H H H H H H H H H H H H		9 11 11	00	2	2	O\$
	904	7,920		\$494,305		6,215,216		\$200,716	\$29,845	\$11,226	\$41.071	\$736.092
				***************************************		4 11 11 11 11 11 11 11 11 11 11 11 11 11				***************************************	222222	=======
Lost revenue and efficiency incentives are based on prospective values.  Cumulative participants include a reduction for the cumulative participants as of 06/30/96.	prospective v nulative parti	alues. cipants as of 06/	/30/96.									
repairs office 00/01/30.									-			

Control   Cont													
PARTICIDENT	NTUCKY POWER COMPANY TIMATED SECTOR SURCHARGES FOR 3 YE	AR PROGRAM					CV.						
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	R 4 ( 2nd HALF )	NEW	CUMULATIVE	TOTAL ESTIMATED	-1-1-1			NÉT LOST	TOTAL NET	EFFICIENCY	MAXIMIZING		TOTAL EST
1   1   2   2   2   2   2   2   2   2	GRAM DESCRIPTIONS	NUMBER		PER PARTICIPANT	COSTS	-+-		REVENUE (\$/KWH)	LOST	INCENTIVE	INCENTIVE	TOTAL	COSTS TO BE
Part		<b>E</b>	(2)	(3)	(4)	(2)	(9)	(7)	(8)	(EA. C, PG.3B)	(10)	INCENTIVE (11)	RECOVERED (12)
Column   C	IDENTIAL PROGRAMS				(1)X(3)		(2)X(5)		(6)X(7)		(4)X(5%)	(9)+(10)	(4)+(8)+(11)
Column   C	3y Fitness sted Energy Efficiency - All Flooring	0					1,780,933		\$55.423	<b>9</b>	Ç.	ç	900 000
Heat	- Non-All Electric	90		\$1,222.76			441,000		\$13,720	9	\$4,035	\$4.035	\$98.45
Heat   140   870   820114   8255.00   1200   1475   145000000   1870	!!			00.704		306	67,320		\$2,103	\$40	0\$	\$40	\$2,683
Heat	The second secon			80.09	0\$	34	3,813		\$118	0\$	\$0	90	\$118
1.22   1.65   1.65   1.65   1.75   1.75   1.69   1.75   1.69   1.75   1.69   1.75   1.69   1.75   1.69   1.75   1.69   1.75   1.69   1.75   1.69   1.75   1.69   1.75   1.69   1.75   1.69   1.75   1.69   1.75   1.69   1.75   1.69   1.75	- Efficiency Heat Pump - Resistance Heat - Non Resistance Heat	140		\$211.14	\$29,560	1,200	972,000	\$0.03	\$30,268	\$6,187	0\$	\$6,187	\$66,015
1,124   1,125   1,12	Efficiency Heat Pump - Mobile Home	134		10000	2000		170,002	90.00	98,26U	0\$	\$0	0\$	\$8,260
122   1596   1560   1   1   1   1   1   1   1   1   1	Local Man O				\$72,236	1,475	1,090,025	\$0.03	\$33,900	\$11,284	0\$	\$11,284	\$117,420
1   1   1   1   1   1   1   1   1   1	Home New Construction	123	1961	\$581.42	1 1	1,755	343,980	\$0.03	\$10,698	\$5,464	0\$	\$5.464	\$87.677
1   1   1   2   2   2   2   2   2   2	OTAL RESIDENTIAL PROGRAMS	471	5.900		1 0		077 700 7						
108   1,129   5,5356,11   5,66,8048   0   0   0   0   0   0   0   0   0							4,304,142		\$154,490	\$22,975	\$4,035	\$27,010	\$437,025
188   1,129   5,556 of 50   1,129   5,566 of 50   1,129   5,566 of 50   5,576 of 50										11 64 10 10 11 11		***************************************	
18	IERCIAL PROGRAMS												
Columbia	· Class 2	188	1,129	\$356.11	\$66,948	0	0	n/a	-	0\$	ZPE E\$	LPE 8.3	\$70 DOE
ed)         13 Story Correction of the cumulative participants as of 1231;96.         \$5,047.02         \$5	Financing - Existing Building	25	103	\$2,705.00	\$56,805	0	0	п/а		\$0	\$2,840	\$2,840	\$59,645
extl         1,311         \$2.060         \$1.059,925         \$4.4965         \$7.091         \$6.187         \$14,100           extl         1,311         \$2.000         \$2.000         \$0.000         \$1.059,925         \$4.4965         \$7.312         \$6.187         \$14,100           extl         1,311         \$2.000         \$0.00         \$0.000	Financing - New Building	80	13	\$3.087.00	\$24.696	13,282	876,612	\$0.04	\$37,125	\$5,814	\$0	\$5,814	\$111,090
ed)  10	TAL COMMEBCIAL BESSERVE	Ш			200	0.4	515,501	\$0.04	\$7,840	\$2,099	0\$	\$2,099	\$34,635
ed)         57         \$0.00         \$0         0         0         0         0         0         0         0         0         0         0         0         0         80	O ST. COMMENCIAL THOGHAMS	242	1,311		\$216,600		1,059,925		\$44,965	\$7,913	\$6.187	\$14.100	\$275 AGS
ed) 0 6 57 \$0.00 \$0 0 0 n'a \$0 0 \$0 0 \$0 0 0 0 0 0 0 0 0 0 0 0 0 0							# 6			III III III III III III III III III II			
Color   Colo	FRIAL PROGRAMS. (w/Est. Opt-Outs Removed)												
Columbition   Columbia   Columb	udit - Class 1	0	25	00 U\$	Ç								
1   1   1   1   1   1   2   1   2   2	Audit - Class 2	0	4	\$0.00	9 6	0 0	0	n/a		Q	0\$	<b>\$</b>	\$0
Columbiative participants as of 1231/96.   Stool	inancing General	0	-	\$0.00	\$0	0	0	\$0.04	9	0	0, 6	08	\$0
\$0         \$0         \$0         \$0         \$0           \$472,125         \$,024,067         \$199,455         \$50,888         \$10,222         \$41110         \$772,65	The same of the sa	0	0	\$0.00	O\$	0	-	\$0.04	0\$	G G	G G	2 6	9
\$0 80 80 80 80 80 80 80 80 80 80 80 80 80	TAL INDUSTRIAL PROGRAMS		- 63							11		3	
\$472,125 6.024,067 \$199,455 \$30,888 \$10,222 \$41,110 \$712,000 \$712,		200000000000000000000000000000000000000	20		9		0	-	0\$	O\$	\$0	0\$	\$
\$41,110	OTAL COMPANY	713	7,273		\$472 125		C 00 A 007				=======================================	======	***************************************
					***************************************		700,420,0		\$199,455	\$30,888	\$10,222	\$41.110	\$712,690
mulative participants include a reduction for the cumulative participants as of 12/31/96.	st revenue and efficiency incentives are hase	oritoproportion b	001					-			H H H H H H H H H H H H H H H H H H H		=======================================
Holdanis Since UVU 1/38	imulative participants include a reduction for	he cumulative pa	rticipants as of 12/	31/96.									
	incharits since Us/U1/98.												

Control Cont	The state of the s												
Figure   F													
Publication	ENTUCKY POWER COMPANY STIMATED SECTOR SURCHARGES FOR 3 YEA	R PROGRAM				1 1	Q						
Participant	AR 5 (1st half)	WEN	S S S S S S S S S S S S S S S S S S S	TOT MICT									
Number   N		PARTICIPANT	DADTICIDANT	DOOD BY	- 1	- 1	TOTAL	NET LOST		EFFICIENCY	MAXIMIZING		TOTAL EST
1   1   2   2   2   2   2   2   2   2	OGRAM DESCRIPTIONS	NUMBER	NUMBER :	PER PARTIC	1	- 1	ENERGY SAVINGS	REVENUE	LOST	INCENTIVE	INCENTIVE	TOTAL *	COSTS TO BE
Column   C		(F)	1	(3)	i	(5)	LANH/HALF	(\$/KWH)	REVENUES	(EX. C, PG.9B)	(5% of COSTS)	INCENTIVE	RECOVERED
Column   C	SIDENTIAL PROGRAMS				(1)X(3)	(2)	(2)X(5)		(6) (7)	(A)	(40)	(11)	(12)
Fig. 1   F	eray Fitness						7,1,7,1		(a)w(a)		(4)V( 3%)	(01)+(6)	(4)+(8)+(11)
Marie   Mari	geted Energy Efficiency - All Flactric	0	2	\$0.00	0\$		1,527,827		\$47,546	0\$	O\$	G#	¢47 E
Heat	Non-All Flectric	000		\$1,272.61	\$83,992		415,170		\$12,916	80	\$4.200	\$4 200	\$101.
Heldi	!	2		\$90.82	\$2,543		61,812		\$1,931	\$141	\$0	\$141	\$4.6
Head   16   6   6   6   6   6   6   6   6	ilpact Fluorescent Bulb	0	0	\$0.00	0\$	0	0		0\$	C\$	9	Ş	6
Fig.	h - Efficiency Heat Pump - Resistance Heat	38	283	00 0004	000							2	
101   302   5500.00   522.500   14.75   1.007.455   50.03   551.30   551.	- Non Resistance Heat	0	348	\$0.00	0\$	1,200	819,600		\$25,522	\$1,679	0\$	\$1,679	\$34,801
1	h - Efficiency Heat Pump - Mobile Home	45	2000	00 0034					1	9	O <del>P</del>	0.00	\$4,847
101   202   5039   583,500   583,500   517,55   500,00   518,496   500   54,496   500   54,496   51,295   51,		2	200	00.00c¢	\$22,500	1,475	1,007,425	\$0.03	\$31,331	\$3,789	0\$	\$3,789	\$57,620
144   1,70   5,038   1,70   1,50   5,037   1,9   5,07   1,9   1,10   1	TO LIGHT NEW CONSTRUCTION	101		\$530.20	\$53,550	1,755	530,010		\$16.483	\$4 486	C\$	£4 48£	674 640
144   1,126   \$3397.19   \$37,155   0   0   0   0   0   0   0   0   0	TOTAL RESIDENTIAL PROGRAMS	278	5,039								9	001111	10,4/6
144   1126   252,056.00   252,656.00   252			200,0		91/0,183		4,517,400		\$140,576	\$10,095	\$4,200	\$14,295	\$325,056
144   1,126   \$397.19   \$557.195   0   0   0   0   0   0   0   0   0							3 0 10 10 10 10 10 10 10 10 10 10 10 10 1				H H H H H H	##	# H H H H H H H H H H H H H H H H H H H
14	IMERCIAL PROGRAMS												
11   11   11   11   11   11   11   1	rt Audit - Class 1	144	1 126	\$397.10	¢57 105								
16   86   \$1,307.31   \$20,917   \$13,282   \$1,142,282   \$5,004   \$44,374   \$3,172   \$5,004   \$1,042	· Class 2	80	112	\$2.705.00	\$21,130	0	0	п/а		0\$	\$2,860	\$2,860	\$60,055
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	Fridancing - Existing Building	16	98	\$1,307.31	\$20.917	13 282	1 149 959	1/a	440 074	09	\$1,082	\$1,082	\$22,72
172   1344   5124947   1424272   560.436   54.770   533.942   587.72   54.740   54	Dulling way - Gilloud	4	20	\$6,298.75	\$25,195	14,101	282,020	\$0.04	\$12.062	\$3,721	28	\$3,721	\$73,01
Second	TOTAL COMMERCIAL PROGRAMS	470	1001								3	P+0,19	\$38,30
Columbiative participants as of 06/30.997.   Columbiative partic		**********	1,044		\$124,947		1,424,272		\$60,436	\$4,770	\$3,942	\$8,712	\$194,095
Section   Sect									=======================================		X # # # # # # # # # # # # # # # # # # #		4222
ed)         60         \$0.00         \$0         0         0         \$	STRIAL PROGRAMS.												
1	(w/Est. Opt-Outs Removed)												
Color   Colo	t Audit - Class 1	0	0	80.00	Q#								
1	t Audit - Class 2	0	0	\$0.00	Ç			n/a		08	05	0\$	\$0
1	Financing General	0	0	\$0.00	9			<b>6</b> 0 00	4	2	0\$	000	₩.
1   2   2   2   2   2   2   2   2   2	of manding - Compressed Ar System	0	0	\$0.00	0\$	C		80.00	2 6	2	0\$	08	₩.
\$0         \$0<	OTAL MOUSTBIAL BOOK						- 1	20.00	Q.	0\$	0\$		₩.
\$256.132	OTAL INDOSTRIAL PHOGRAMS	0	0		0\$			+	6	6	9		
\$295,132	TOTAL COMBANIA								O <del>o</del>	2	2	9	<b>Q</b>
/00.524 24.00 00.4.0 20.0.00 2	O'AL COMPANY	450	6,382		\$295,132		5 941 672		6001 040	######################################		XX::::::::::::::::::::::::::::::::::::	
	100		720000000				110,150		\$10'10Z	G08,416	28,142	\$23,007	\$519,151
Ournulaine participants are based on prospective values.  Participants include a reduction for the cumulative participants as of 06/30/97.  Participants since 09/01/98	Ost revenue and officiancia income											RESCUE	***
Participants since 09/1/198	Cumulative participants include a reduction for the	on prospective	values.	20/00								V-1	
	Participants since 09/01/98		icipality as of our	could).									
The state of the s													

Comparison   Com	Particle    Year 2000											+		
Figure   F	Particular   Par													
Particular   Par	Particione de la company   Particione de la co	KENTUCKÝ POWER COMPANY ESTIMATED SECTOR SURCHARGES FOR 3 VEA	AR PROGRAM				1 1 1 1 1	2						
	Particle		DATA WHILE	TOTAL ESTIMATED	TOTAL ACT.		TOTAL	+-+-	TOTAL NET	EFFICIENCY	MAXIMIZING	TOTAL	TOTAL EST. COSTS TO BE	
N. H. MARGEN   NA MARGEN   N	Name	YEAR 5 (2nd half)	PARTICIPANT	PARTICIPANT	PROGRAM COSTS	PROGRAM	4	ENERGY SAVINGS	- +	LOST	FX C PG 9B)	(5% of COSTS)	INCENTIVE	RECOVERED
Figure   Comparison   Compari		PROGRAM DESCRIPTIONS	NUMBER	NUMBER "	PER PARTICIPANT	COSTS	(KWH/PARTIC)	KWH/HALF (6)	(LANA)	(8)	(6)	(10)	(11)	(12) (A)+(B)+(11)
Machine   Columbia	Particular   Par		ε	(2)	(3)	(1)X(3)	(2)	(2)X(5)		(£)X(9)		(4)X(5%)	(01)+(6)	(-1.(0).(4)
Microstructructructructructructructructructruc	New North Revine   9   1253   1115	RESIDENTIAL PROGRAMS						1 078 850		\$33,505			8	\$33,505
Milecurica   Fig. 19   State	Milecuric   2   1   1   1   1   1   1   1   1   1	Energy Fitness		_		09		367.290		\$11,426			\$5,521	\$12,718
Paragement   Par	Residence Heart         25         61         55         70         57	Targeted Energy Efficiency - All Electric	86		81.1	\$1,988		52,020		\$1,625			2016	
Passamone   Pass	Page	- Non-Ail Electric	7							O#	\$0		0\$	0\$
Pagestance   Pearl   256   441   55000   12000   55000   12000   55000   12000   55000   12000   55000   12000   55000   12000   550	Residence Heat         25         441         \$5000         1,750         \$77,204         \$57,04         \$11,05         \$90         \$11,05         \$90         \$11,05	Compact Fluorescent Bulb				\$0				3				604 070
Procession Plant         25         461         56,562         90.00         58,067         58,06	Processions   Heat   Color   Heat   Section			4	000	-	577.200		\$17,974			\$1,105	\$2,0,3	
Mobile Home   4, 10   51, 2   4465 55   521, 300   1,476   844, 272   5000   521, 590   526, 257   5000   521, 590   521, 500   521, 590   52	Mobile browne   45   45   45   45   45   45   45   4	High - Efficiency Heat Pump - Resistance Heat	72		Ä	08		92,562		\$2,043			3	
Mobile Home   4,   5,72   5465.35   521,300   1,476   644,725   560.02   541,755   5	Marylai Home   4,   5,72   5465.35   521,300   1,476   560.02   561.05	· Non Hesistance Heat						010 110	İ	\$26.257			\$3,621	\$51,178
FOCIPAIAS         287         400         \$54,050         \$1,756         \$0,0266         \$11,486         \$41,596         \$41,597         \$41,5	FOORMANG         282         400         \$55,050         \$54,050         17,756         707,266         \$11,4826         \$41,1876         \$41,1877 </td <td>High - Efficiency Heat Pump - Mobile Home</td> <td>Ą</td> <td></td> <td></td> <td></td> <td></td> <td>844,27,</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>400 004</td>	High - Efficiency Heat Pump - Mobile Home	Ą					844,27,						400 004
Figure   F	Figure   F				100	030 136		707,265		\$21,996			\$4,175	\$80,221
ROGRAMS         282         3,881         \$\$\$\$\$\$279         \$	PROGRAMS         TRANS         TRANS         STATES         STATES<		ð		0/00								\$14.527	\$322,117
PROGRAMS 229 5120 5100	150   1,026   2,165	OLAND COOR LAST COMPANY	86			\$192,764		3,690,25	6	\$114,826		4		
Figure   F	Fig. 1, 1262   Si 152 4   Si 152 5   Si 15	TOTAL HESIDENTIAL PHOGRAMS	ON HELDER HE	0 11 11 11 11 11 11 11 11 11 11 11 11 11				=======================================	-					
159   1,026   5,165 24   5,265 273   0   0   0   0   0   0   0   0   0	Fig. 1, 1926   1, 1926													
1   1   1   1   1   1   1   1   1   1	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	OF THE COORD IN COMME									9		\$1,314	
Midding         22         99         \$27,065.00         \$78,415.60         1,2802         1,2802         \$64,566         \$65,581         \$50         \$65,581<	Figure   Figure	COMMERCIAL PROGRAMS	15								0\$	\$3.8		
migging         24         97         \$914.54         \$1,322         1,522         1,522         1,522         1,522         1,522         1,102         20.64.42         50.04         \$1,286         \$10.817         \$9           PPOGFAMS         2212         1,242         \$133.936         1,584.496         \$57.288         \$55.581         \$55.206         \$10.817         \$5           PPOGFAMS         212         1,242         \$133.936         1,584.496         \$57.288         \$55.581         \$50.00         \$10.817 <td< td=""><td>DIT OLIS Removed)         24         97         \$81454         \$27,949         13,224         \$60.44         \$12,026         \$10,000         \$</td><td>Smart Addit - Class 1</td><td>2</td><td></td><td></td><td></td><td></td><td>30 000 1</td><td>Ş</td><td></td><td>\$5,5</td><td></td><td></td><td>\$82,092</td></td<>	DIT OLIS Removed)         24         97         \$81454         \$27,949         13,224         \$60.44         \$12,026         \$10,000         \$	Smart Addit - Class 1	2					30 000 1	Ş		\$5,5			\$82,092
PROGRAMS         21         \$V.00         \$V.229         \$V.52496         \$V.529         \$V.529 </td <td>ring         0         21         \$1000         \$1.584,496         \$67,229         \$65,581         \$5,526         \$10,817         \$65,000           PROGRAMS         212         1,242         \$133,996         1,584,496         \$67,229         \$55,506         \$100</td> <td>Smart Financing - Existing Building</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>\$12,666</td> <td></td> <td></td> <td></td> <td>00000</td>	ring         0         21         \$1000         \$1.584,496         \$67,229         \$65,581         \$5,526         \$10,817         \$65,000           PROGRAMS         212         1,242         \$133,996         1,584,496         \$67,229         \$55,506         \$100	Smart Financing - Existing Building	2					-		\$12,666				00000
PPOGRAMS         27/2 at 2	PROGRAMS         212         1,242         \$133.936         1,584.446         \$6,528         \$5,5361         \$2.50           PICOLIS Removed)         212         1,242         \$123.4396         \$133.936         1,584.446         \$5,5361         \$2.50	Smart Financing - New Building						-						
PirOdisPlankS  Pirodis Plamoved)	PirOdis Removed)         Control Removed)<					\$133.936		1,584,49	92	\$67,228		-		
Di-Couis Removed)         0         \$0.00	OLOUIS Removed)         OLOUIS Removed)         OLOUIS Removed)         OLOUIS Removed)         OLOUIS Removed)         OLOUIS Removed)         OLOUIS Removed)         OLOUIS Removed)         OLOUIS Removed)         OLOUIS Removed)         OLOUIS Removed)         OLOUIS REMOVED	TOTAL COMMEHCIAL PROGRAMS		**			11	91 10 10 10 11 11 10 10	H	11 11 15 11				
pi-Ouis Removed)         0         50.00         \$0         0         n/a         \$0	pi-Ouis Removed)         0         \$0.00													
OF COURS Hemoved)         0         60         0         1/4         \$0	Pi-Cuits Hemoved)         0         60         60         7/4         \$0	INDUSTRIAL PROGRAMS .												
ROGRAMS         6 modified a reduction for the cumulative part in part	ROGRAMS         0         \$6.00         \$0         \$0.0	(w/Est. Opt-Outs Removed)									9			
ROGRAMS         6         0         \$0.00         \$0         0         \$0.00         \$0	ROGRAMS         0         \$0.00         \$0         0         \$0.00         \$0	Smart Audit - Class 2							ş					
ROGRAMS         0         \$0 <th< td=""><td>## Age Air System 0 0 \$10 \$20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>Smart Financing - General</td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td></th<>	## Age Air System 0 0 \$10 \$20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Smart Financing - General							-					
80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Smart Financing - Compressed Air System	- 1											-
\$326.700	\$326,700	OF THE COORD OF TH	11						0	<b>9€</b>				
\$326.700 5.2.4.155 9.162.000	\$326.700 5.274,755 5.274,755	TOTAL INDUSTRIAL PROGRAMS	10 10 10 10 10 10 10 10 10 10 10 10 10 1		1			*******	u	A100 05A				
		TOTAL COMPANY	*		3	\$326,70	C	5,274,7	S	00,000				
Lost revenue and efficiency incentives are based on prospective values.     Cumulative participants include a reduction for the cumulative participants and efficiency incentive participants include a reduction for the cumulative participants include a reduction for the cumulative participants ince 09/01/98.	• Lost revenue and efficiency incentives are based on prospective values.  • Cumulative participants include a reduction for the cumulative participants as of 12/3/197  •• Participants since 09/01/98.		H H H		10	200000000000000000000000000000000000000	ij							
Cumulative participants include a reduction for the cumulative participants and the cumulative participants since 09/01/98.	Cumulative participants include a reduction of the cumulative participants along the cumulative participants since 09/01/98.	. Lost revenue and efficiency incentives are t	based on prospec	stive values.	1 19/31/97									
Laticipalis since don those	raticipalis since con troc.	*** Cumulative participants include a reduction	ioi irre cuillana	ם לישוניים של ה							-			
		Paricipants since ostorios.												

No.	Voer 2001												
NAMES   COMMAN   CO													
Marketing   Mark	KENTUCKY POWER COMPANY ESTIMATED SECTOR SURCHARGES FOR 3 YEAR	R PROGRAM					12						
Maintenance   Maintenance	YEAR 6 (1st Haif)	NEW		TOTAL ESTIM	TOTAL ACT.	NET LOST REV/QTR		NET LOST REVENUE	TOTAL NET CLOST	EFFICIENCY INCENTIVE	MAXIMIZING INCENTIVE	+++	TOTAL EST. COSTS TO BE RECOVERED
Amobility of the following of the	PROGRAM DESCRIPTIONS	NUMBER (1)			COSTS (4)	(KWH/PARTIC) (5)	KWH/HALF (6)	(\$/KWH)	(8)	(9)	(4)X(5%)	(11)	(12) (4)+(8)+(11)
Amobilishering Lings         CORD         CORD<	RESIDENTIAL PROGRAMS				(1)X(3)		(c)^(5)	1 1	\$22.970	0\$		05	\$22,970
March   Marc	1 1	62		\$1,2	\$79,170		337,050	\$0.03111	\$10,486	06\$		06\$	\$2,982
Figure   F		18			0\$	8	0	\$0.00000	0\$	0\$		80	0\$
Auto-	High - Efficiency Heat Pump - Resistance Heat	, 53		2\$	\$4,624		525,600 36,207	\$0.03114	\$16,367 \$1,128	\$1,016		\$1,016	\$22,007
AMS         ESS         488         \$557.04         1756         686.440         \$100.010         \$280.655         \$23.657         \$100.450         \$100.450         \$20.655         \$23.657         \$100.450         \$20.655         \$23.650         \$13.657         \$100.450         \$20.655         \$23.650         \$13.657         \$100.450         \$20.655         \$23.650         \$13.657         \$20.155         \$20.15	Non Kesistance Heat			25	\$25,024	1475	823,050	1 1	\$25,597	\$4,463		\$4,463	\$55,084
AMS         250         3,581         550,483         5,504,483         5,504,483         5,504,483         5,504,683	High - Efficiency Hear Pump - Moulle Forme	5!						- !	\$26,635	\$3,687		\$3,687	\$74,896
AMS         259         3 261         \$154.074         \$3.558.077         \$154.074         \$2.166	Mobile Home New Construction ***							-	007 7074	950 05			\$272,682
AMA  1134 1.017 \$\$271.00 \$42.200 0 \$343.124 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TOTAL RESIDENTIAL PROGRAMS				\$154,974		3,358,377		4504,450				
The control of the cumulative participants as of 1650 000 000 000 000 000 000 000 000 000			$\rightarrow$										
101   101	COMMERCIAL PROGRAMS												
15   11   12   12   13   13   12   13   13	Smart Audit - Class 1	13	-										
AMS         185         25         \$4,016,13         \$52,225         \$1,0407         \$1,507	Cass 2							\$0.04				\$2,099	
AMS         168         1,5840,109         \$78,076         \$5,587         \$44,270         \$20,000           Hemoved)         0         60         0         0         0         60         50         50         50           System         0         0         0         0         0         0         \$0         \$0         \$0         \$0           AMS         1         300         50         0         0         0         \$0 <th< td=""><td>Smart Financing - Existing Building</td><td></td><td></td><td></td><td></td><td></td><td>]</td><td></td><td></td><td>  '  </td><td></td><td></td><td>\$240.101</td></th<>	Smart Financing - Existing Building						]			'			\$240.101
AMS: Est Opt-Outs Removed)  Fig. 1 Opt-Outs Removed)  Fig. 2 Opt-Outs Removed)  Fig. 3 Opt-Outs Removed Opt-Outs Remo	STANDOOR MICHAEL SO STAND				\$152,168		1,840,109		\$78,076		10		
Est. Opt-Outs Removed)         0         0         0         0         0         50	IOTAL COMMERCIAL PROGRAMAS		N										
EST. Opt-Outs Removed)         0         50 </td <td>INDUSTRIAL PROGRAMS</td> <td></td>	INDUSTRIAL PROGRAMS												
reral         0         0         50.00 </td <td>(w/Est. Opt-Outs Removed)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>₩.</td> <td></td> <td></td> <td></td>	(w/Est. Opt-Outs Removed)									₩.			
reral in Processed Air System         6         6         50 00000         \$0	Smart Audit - Class 1							L					
APOGRAMS         0         \$0.00	Smart Financing - General												
\$0 0 80 80 80 80 80 80 80 80 80 80 80 80	Smart Financing - Compressed Air System							+-					_
\$307.142	SELVICIONI INICIALITY OF THE SECOND SELVICE SE				0\$			0	<b>⊗</b>				
\$307.142	I O I AL INDOS I HIAL PHOGHAMS		200000000000000000000000000000000000000	> 11		,		11	\$180 569				
	TOTAL COMPANY	42	L	C	\$307,142		2,136,400	-	100100				
Lost revenue and efficiency incentives are based on prospective values.     Cumulative participants include a reduction for the cumulative participants as of 06/30/38     Participants since 01/01/38.			_ _										
Participants since of 10/1/98.	Lost revenue and efficiency incentives are ba	ased on prospective	re values.	76/30/98									
	••• Participants since 01/01/98.	O the common and	o on change in a										

Control Protection and Control Protection a	Vear 2001										-		
Particle   Particle													
Figure   F	KENTUCKY POWER COMPANY ESTIMATED SECTOR SURCHARGES FOR 3 YEA	R PROGRAM				<del></del>	2						
Market   M	YEAR 6 (2nd Hall)	NEW	CUMULATIVE	TOTAL ESTIMATED		1 ! :		NET LOST REVENUE	TOTAL NET *	EFFICIENCY INCENTIVE	MAXIMIZING	TOTAL	TOTAL EST. COSTS TO BE RECOVERED
Market blanck   Market blanc	PROGRAM DESCRIPTIONS	NUMBER (1)	NUMBER **	PER PARTICIPANT (3)		1 1		(\$/KWH)	REVENUES (8)	(EX. C, PG.9B) (9)	(5% of CO313) (10) (4)X( 5%)	(11)	(4)+(8)+(11)
Maria   Electric   Right   R	RESIDENTIAL PROGRAMS				(1)X(3)	706	(2)X(5) 377.710	\$0.03112	\$11,754	0\$		\$0	\$11,754
1		0 88		15	\$89,660	830	306,180	\$0.03124	\$9,525	\$231		\$231	\$5,144
1,200   1,20	1 1	0	2		0\$	0	0	\$0.00000	0\$	0\$	0\$	0\$	8
See   See	High - Efficiency Heat Pump - Resistance Heat	30		₩.	\$5,200	1,200	494,400		\$15,396 \$486	\$1,326		\$1,326	\$21,922
10   10   10   10   10   10   10   10	- Non Hesistance Hear High - Efficiency Heat Pump - Mobile Home	47		\$5	\$24,000	1,476	692,244		\$21,529	\$3,958		\$3,958	\$49,487
130   2,627   2,527   2,520,316   2,527   2,520,316   2,520,316   2,527   2,	Mahija Hama Naw Construction ***	95		\$5	\$51,100	1,755	996,840		\$31,002	\$4,087		\$4,087	000,000
131   136					\$173.707		2,920,316		\$30,858	\$9,602		\$14,085	000'0/7¢
131   966   \$454.04   \$599.77   14.07.79   10.00   1	TOTAL RESIDENTIAL PROGRAMS	206							D				
131   986   254434   259475   2544344   259475   2544344   259475   2544344   259475   2544346   254424   2544346   254424   25443644   25443644   25443644   2544364   25443644   25443644   25443644   25443644   25443644   2	COMMERCIAL PROGRAMS						0		0\$	0\$			\$62,453
15   109   \$1,664.27   \$234.964   13.282   1447.728   \$0.04235   \$851.312	Smart Audit - Class 1	13					0	n/a	0\$	\$0			\$89,764
168   1,220   \$16.5916   1,227.06   \$16.5916   1,227.06   \$16.5916   1,227.06   \$16.5916   1,227.06   \$16.5916   1,227.06   \$16.5916   1,227.20   \$16.5916   1,227.20   \$16.5916   1,227.72   1,227.20   1,227.	Smort Financing - Existing Building							\$0.04235	\$61,312	\$3,488		\$4,722	\$57,616
6d) 6d	Smart Financing - New Building					14,102	479,400						
ed) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TOTAL COMMERCIAL PROGRAMS		`		\$165,916		1,927,206		\$81,819				
Color   Colo	INDUSTRIAL PROGRAMS									06			0\$
80 80 0 80 0 80 80 80 80 80 80 80 80 80	Smart Audit - Class 1												OS OS
6         6         \$0 <td>Smart Audit - Class 2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>i</td> <td>0,6</td> <td></td> <td></td> <td></td> <td>0\$</td>	Smart Audit - Class 2							i	0,6				0\$
\$0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Smart Financing - Compressed Air System												
\$239,623	TOTAL INDUSTRIAL PROGRAMS			0	0\$			0	0\$				
		8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		ш.	6030 603		4 847 522		\$172,677				
Lost revenue and efficiency incertives are based on prospective values.     Cumulative participants include a reduction for the cumulative participants as of 12/31/98     Participants since 07/01/98.	TOTAL COMPANY	47	44	<b>.</b>	070,000			п	11				
.* Cumulative participants include a reduction for the cumulative participants as of 12/3/198 .* Participants since 07/01/98.	Lost revenue and efficiency incentives are b	ased on prospectiv	e values.										
	Cumulative participants include a reduction Participants since 07/01/98	for the cumulative	participants as of	12/31/98									

Year 2002												
KENTUCKY POWER COMPANY ESTIMATED SECTOR SURCHARGES FOR 3 YEAR PROGRAM											Exhibit C	12
YEAR 7 (1st Haif)	NEW PARTICIPANT	CUMULATI	TOTAL ESTIMATED PROGRAM COSTS PER	TOTAL ACTUAL PROGRAM	NET LOST REV/HALF	TOTAL ENERGY SAVINGS	<del></del>		EFFICIENCY INCENTIVE FX C PG 9B)	MAXIMIZING INCENTIVE (5% of COSTS)	TOTAL.	TOTAL ACTUAL COSTS T'
PROGRAM DESCRIPTIONS RESIDENTIAL PROGRAMS Energy Fitness	NUMBER (1)	NUMBER ** (2) 116	(3) \$0.00		(KWH/PARTIC) (5) 707	(2)X(5)	(3/KWH) (7) \$0.03112	(8) (6)X(7) (5)X(7) (6)X (7)		(4)X(5%) (4)X(5%) \$5.520		(4)+(8)+(11) (4)+(8)+(11) \$2,552 \$130,057
Targeted Energy Efficiency - All Electric - Non-All Electric Compact Fluorescent Bulb	0 32 0	135	\$1,752.40 \$65.47 \$0.00	\$110,401 \$2,095 \$0	315	42,525		\$1,328	\$137	0\$		\$3,560
High - Efficiency Heat Pump - Resistance Heat - Non Resistance Heat	- 0	314	\$1,152.00	\$1,152	1,200	376,800 0 473.616	\$0.03114 \$0.03116 \$0.03110	\$11,734	\$44 \$0 \$1,244	0\$	\$44 \$0 \$1,244	\$42,623
High - Efficiency Heat Pump - Mobile Home Mobile Home New Construction ***	57	568	\$641.77	\$36,581	1,809	1,027,512	1 1 1 1	\$31,956	\$231	\$0	\$231	\$68,768
TOTAL RESIDENTIAL PROGRAMS	196	1,989		\$176,879		2,456,841		77		11		
COMMERCIAL PROGRAMS Smart Audit - Class 1 - Class 2 Smart Financing - Existing Building Smart Financing - New Building TOTAL COMMERCIAL PROGRAMS	125	5 923 8 104 7 101 5 42 6 1,170	\$432.92 \$3,711.00 \$2,552.71 \$1,394.60	\$54,115 \$23,688 \$17,869 \$6,973 \$108,645	0 0 0 13,282 14,101	1,341,482 592,242 593,724	\$0.04235 \$0.04277	\$56.812 \$25,330 \$82,142	\$1,628 \$1,628 \$1,312 \$2,940	\$2.706 \$1.484 \$0 \$0 \$0 \$1.484	\$2,706 \$1,484 \$1,628 \$1,312 \$7,130	\$56, \$31,172 \$376,309 \$33,615 \$197,917
INDUSTRIAL PROGRAMS -  (w/Est. Opt-Ouls Removed)  Smart Audit - Class 1  Smart Audit - Class 2  Smart Financing - General		0 0 0	\$0. \$0.		0 0 0	0 0 0	n/a n/a \$0.00000	0\$	0\$	0.000	0\$	09 09
Smart Financing - Compressed Air System TOTAL INDUSTRIAL PROGRAMS				0\$							'	
TOTAL COMPANY 341	341	3,159 3,159 8 values.		\$285,524		4,390,565		\$158,577	\$4,596	89,710	\$14,306 ======	#456,40/
** Cumulative participants include a reduction for the cumulative participants as of *** Participants since 01/01/1999.	or the cumulative	participants as of	06/30/1999.									

Control Cont	rrio Bedric												
Participation   Participatio	l lectric						-	-	-				
NEW   CUMUATURE STRINKERS   COTTON   NET   COTTON	irio Petirio											Exhibit C	
National Property   Particulary   Particul	S - All Electric - Non-All Electric												2
National Columnia   Nati	S - Ali Electric - Non-All Electric			TOTAL	TOTAL	100	NECT	NET	TOTAL NET *	FEFICIENCY	MAXIMIZING		TOTAL
Number   N	S . All Electric . Non-All Electric	-		PROGRAM	ACTUAL	NEI LOSI	ENERGY	REVENUE	LOST	INCENTIVE	INCENTIVE	TOTAL.	COSTS TO BE
1	S - All Electric - Non-All Electric			PARTICIPANT	_	(KWH/PARTIC)	KWH/HALF		REVENUES	(EX. C, PG.9B)	(5% of COSTS)	INCENTIVE	RECOVERED (12)
Column   C	(n)	(2)		(3)		(5)	(6) (2)X(5)	6	(8) (5)X(2)	(A)	(4)X(5%)	(0)+(10)	(4)+(8)+(11)
Column   C				00	G	302	0	\$0.03112	0\$	<b>9</b>			8
1   1   1   1   1   1   1   1   1   1	1 1 1	92	457	\$1,039.33	\$78,989	1,028	469,796	\$0.03111	\$14,615	\$0			\$97,553
1	Compact Fluorescent Bulb	13	156	\$82.92	\$1,117	315	49,140	\$0.03124	CSC, Г♣	DC#			Ę
## 0 0 177 \$50.00 (\$50.00 \$1.200 \$0.00114 \$50.00		0	0	\$0.00	0\$	0	0	\$0.0000	<b>€</b>	80		0\$	P#
1   1   1   1   1   1   1   1   1   1	High Efficiency (Lest Duma Desistance Upor		177	00.08	(\$352)	1,200	212,400	\$0.03114	\$6,614	0\$			\$6,262
1	High - Emiciency Hear Pump - Hesistance Heat - Non Resistance Heat	0	0	\$0.00	\$0	446	)	\$0.03116	0\$	\$0			2
183   1617   1809   1	Lich Efficiency Doop Dumy . Mobile Home	43	308	\$603.84	\$25,965	1,144	352,352	\$0.03110	\$10,958	\$1,244		\$1,244	\$38,167
TAMIS         1517         STATE OF TAMES	Figure Emblerity near runp - woone rome	2			040	ong t	938.871	\$0.03110	\$29,199	\$248			\$68,759
VAMS         1507         1517         \$145,031         \$2,022.559         \$62,221         \$15,88         \$2,1490         \$2,1	**	1 3	519	\$644.46	\$15,854	600,1	0.000					!	4213 449
AylikS		193	1,617		\$145,031		2,022,559		\$62,921	\$1,548	8	1	
AAMS         4         50.00         \$774,422         0         n a solid mine         \$50.00         \$3.721 <td></td> <td>1</td> <td></td> <td></td> <td>H                                      </td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		1			H								
AAMIS         500         5786         500         60         0         0         0         53,217         583,171 <td>OCHMEDOM DOCCDAME</td> <td></td> <td>670 140</td>	OCHMEDOM DOCCDAME												670 140
AMIS         6         \$50.00         \$50.00         \$55.814 </td <td>COMMENCIAL PROGRAMS Smart Audit - Class 1</td> <td>0</td> <td>786</td> <td>\$0.00</td> <td>\$74,422</td> <td>0</td> <td></td> <td></td> <td>20</td> <td>Q Q</td> <td>\$3,7</td> <td>53,</td> <td>\$0,6</td>	COMMENCIAL PROGRAMS Smart Audit - Class 1	0	786	\$0.00	\$74,422	0			20	Q Q	\$3,7	53,	\$0,6
Aylik         25         97         \$50.04 fb         \$22,144         \$22,424.94         \$328,799         \$14.102         \$60.0477         \$66.538         \$4,197         \$60.011         \$33,721         \$133,722           Aylik         41         1,017         \$135,8965         1,908,642         \$811.00         \$10.011         \$33,721         \$133,722           Aemoved)         41         1,017         \$135,8965         1,908,642         \$811.00         \$10.011         \$33,721         \$133,722           Aemoved)         0         0         0         0         0         0         \$0	· Class 2	0	06	\$0.00	\$0	0	1 288 354	\$0.042	\$54.562	\$5,814			\$83,120
AAMIS         41         1,017         \$135,966         1,906,842         \$81,100         \$10,011         \$33,721         \$13,732           Removed)         41         1,017         \$135,966         1,906,842         \$81,100         \$10,011         \$35,721         \$13,732           Removed)         50         \$0         0         0         0         \$50	Smart Financing - Existing Building Smart Financing - New Building	16	/g 4	\$2,424.94	\$38,799	14,102	620,480		\$26,538	\$4,197			\$69,534
PHOGRAMIS         41         1,017         \$135,955         1,000 or 1			111				1 000 042		\$81 100	\$10.011			
ot: Outs Removed)         50.000         \$0.000		1 11 1	1,017		COU.CEIR		240,000,1		H	11 11 11 11 11 11 11 11 11 11 11 11 11		<u> </u>	u N
Ot-Outs Removed)         Commoned (mining)         SO (mining)         \$0         0         0         \$0													
Red Air System         0         50.00         \$0.00         0         0         50.00         \$0 <td>(w/Est. Opt-Outs Removed)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>9</td> <td></td> <td></td> <td></td>	(w/Est. Opt-Outs Removed)									9			
Steed Air System         0         0         50,000         50         6,000,000         50	Smart Audit - Class 1	0	0		09					09			
Ssed Air System         0         \$0.000         \$0         \$0.0000         \$0	Smart Audit - Class 2	0	0		OF G			\$0.00		0\$			
are based on prospective values.	Smart Financing - General Smart Financing - Compressed Air System	0	lo		90			1 L		80			
\$280,396 \$3,931,401 \$144,021 \$11,559 \$7,670 \$19,229			1 1 1		Č		1 :		G	0\$			
\$2280,996 3,931,401 \$144,021 \$11,559 \$7,670 \$19,228		0			09			) H					
		234	2 634		\$280,996		3,931,401		\$144,021	\$11,559			
Lost revenue and efficiency incentives are based on prospective values.     Cumulative participants include a reduction for the cumulative participants as of 12/31/1899.		1	*******		K		H H H H H H		H H H H H H H H H H H H H H H H H H H				
Counties and entire participants are coach on prospective varies.  ** Cumulative participants include a reduction for the cumulative participants as of 12/31/1999.	* 1 set revenue and efficiency incentives are based on pros	nenactive vs	no di										
	** Cumulative participants include a reduction for the cumul	ulative parti	cipants as of 12	2/31/1999.									

											_	
								1				
	9/6'/\$	\$4,249	\$3,327	\$147,611		3,957,993		\$135,054			288	TOTAL COMPANY
				)	O II	1 11 11 11 11 11 11 11 11 11 11 11 11 1		20	0 !	11		TOTAL INDUSTRIAL PROGRAMS
0\$	\$0		S .	OS								
	0\$									000		Smart Financing - General Smart Financing - Compressed Air System
	<b>9</b> €		<b>&amp;</b>	0\$	\$0.00000		0		000\$			nart Audit - Class 2
9	0\$	<b>₽</b>	<b>8</b> 8		0 1/2			G 8	00.0\$			art Audit - Class 1
	0\$		ş									INDUSTRIAL PROGRAMS (W/Est. Opt-Outs Removed)
\$91,426	<b>Ģ</b>	0\$	1	\$91,426		2,151,969		0\$		0 852		TOTAL COMMERCIAL PROGRAMS
253,554	0\$	S.	90	\$29,552	\$0.04277	690,949	14,101		\$0.00	0 49		Smart Financing - Existing Building Smart Financing - New Building
\$61,87	\$0	\$0	0\$			-	13 282			73		- Class 2
\$0	0\$	0,00	90	80	n/a	0.0	000	0\$				COMMERCIAL PROGRAMS Smart Audit - Class 1
\$198,815	\$7,576	\$4,249	\$3,327	\$56,185		1,806,024		\$135,054		1,463	288	TOTAL BESIDENTIAL PROGRAMS
\$17,398	\$2,127	<b>₽</b>	\$2,127	\$856	\$0.03116	27,462	1,194	$\perp \perp$	\$142.72		101	Modified Energy Fitness
\$48,252	\$187	Q\$ Q\$	\$187	\$25,865	\$0.03110	831,680	1,808	\$22,200	\$482.61	460	46	Mobile Home New Construction ***  - Heat Pump  - Air Conditioner
\$23,418	\$983	\$	\$983	\$9,535	\$0.03110	306,592	1,144	\$12,900	\$379.41	268	88	High - Efficiency Heat Pump - Mobile Home
0\$	0,0	0.5	0\$	\$3,513	\$0.03116	112,800	1,200	O\$ O\$	\$0.00	94	0 0	. Resistance Heat - Non Resistance Heat
	2	2	<b>\$</b>	\$0	\$0.0000	0	0		\$0.00	0	0	Compact Fluorescent Bulb
\$2,066	\$30	80	\$30	\$1,481		47,414	314	\$555	\$79.29	151	100	- All Electric - Non-All Electric
\$104,168	\$4,249	\$4,249	0\$	\$14 935			000	100				Targeted Energy Efficiency
0\$	8	0\$	C\$	0\$	\$0.03112	0	707	0\$	\$0.00	0	0	RESIDENTIAL PROGRAMS Energy Fitness
(12) (4)+(8)+(11)	(11) (9)+(10)	(10) (4)X(5%)	(9)	REVENUES (8) (6)X(7)	(\$/KWH) (7)	(5) (2) (5)	PARTICIPANT) (5)	(4)	PARTICIPANT (3)	NUMBER **	NUMBER (1)	PROGRAM DESCRIPTIONS
		(Fe/, of	INCENTIVE CALLING	1801	REVENUE	1 .	REV/HALF	PROGRAM	COSTS	PARTICIPANT	PARTICIPANT	
AB OT STOCK	· IATOT			LI LI	LOSI	TOTAL	NET LOST	ACTUAL	ESTIMATED	CUMULATIVE	NEW	YEAR 8 (1st HALF)
TOTAL		MAXIMIZING	EFFICIENCY	TOTAL	NET	TOTAL	100	TOTAL	TOTAL			
12	9A of											ESTIMATED SECTOR SURCHARGES FOR 3
	Exhibit C PAGE											KENTUCKY POWER COMPANY
												Year 2003

Control Cont	NEW   CUMULATIVE   ESTIMATED   A	Year 2003								     				
New   Challactering   Stratic   St	NEW   CUMULATIVE   ESTIMATED   AT	OMPANY											Exhibit C PAGE	
MANAGEN   MANA	NUMBER   NUMBER   FSTIMATED   AN	SURCHARGES FOR 3											9B of	12
Participant   Participant	PROGRAMS   PARTICIPANT   PAR		NEW	CUMULATIVE	W	TOTAL	NETLOST	TOTAL	NET	TOTAL	EFFICIENCY	MAXIMIZING		TOTAL
Column   C	NUMBER   NUMBER   PARTICIPANT   C   C   C   C   C   C   C   C   C	PAR	+	PARTICIPANT		PROGRAM	REV/HALF	ENERGY SAVINGS	REVENUE	LOST	INCENTIVE	INCENTIVE	TOTAL *	COSTS TO BE
1   1   1   1   1   1   1   1   1   1	10   (2)   (3)   (5)   (5)   (6)				PER PARTICIPANT	COSTS	(KWH/	KWH/HALF	(\$/KWH)	REVENUES (8)	(EX. C, PG.11)	(5% of COSTS) (10)	INCENTIVE (11)	RECOVERED (12)
Fig. 10   Fig.	PROGRAMS		E	(2)	(3)	(1)X(3)	(c)	(2)X(5)		(e)x(7)	, ,	(4)X(5%)	(01)+(6)	(4)+(8)+(11)
1,000   1,00	3AMS  AMMS	МS	0	0		0\$	706	0		0\$	0\$	0\$	\$0	0\$
1,000,   1	AMNS 699 167 \$76.10  0 0 0 \$0.00  0 0 63 \$0.00  0 0 0 89.000  0 0 0 8150.00  441 324 \$43143  AMNS 673 \$0.00  0 0 0 \$0.00  System 0 0 0 \$0.00  AMS 0 0 0 0 \$0.00  Coentives are based on prospective values.	) CV	9	473			1,028			\$15,127	0\$	\$3,364	\$3,364	\$85,762
Auto	AMNS  AMNS		69	167			316			\$1,649	\$295	9	6824	6
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	AMNS	qır	0	0			0		1 1	0\$	80	0\$	<b>&amp;</b>	A
ANNS	AMNS		0	69			1,200			\$2,354	0\$	0\$	88	\$2,354
AMINS         641         419         \$5160         \$150         778         \$150	AMS 644 411 324 \$431.43  AAMS 673 1,702 850.00  BAMS 0 0 0 0 80.00  AMS 0 0 0 0 80.00  AMS 0 0 0 0 80.00  AMS 0 0 0 0 80.00  Coentives are based on prospective values.	dwn	39	256			1,144				8839	0\$	\$839	\$23,097
1	AMIS 673 1,702 8,948,559 8,948,559 8,948,559 8,948,559 8,950						010		.	\$23.586	\$260	\$		
AAMIS         671         324         \$4.514.43         \$190,202         1,194         386,886         \$90,031 (6)         \$10,004         \$14,005         \$10,004         \$14,005         \$10,004         \$14,005         \$14	AMIS 673 1,702 50.00 0 63 50.00 0 63 50.00 0 645 50.00 0 63 50.00 0 645 640 640 640 640 640 640 640 640 640 640		28	419			158		1	\$0	80	0\$		
NAMS         673         1,702         \$51,688         2,022,776         \$65,878         \$10,681         \$51,681         \$53,644         \$14,045           NAMS         673         1,702         \$50,00         \$50         0         0         0         \$60         \$60         0         0         \$60         \$	AMNS 673 1,702 5000 673 1,702 5000 673 5000 673 5000 673 5000 674			100			1 104		i	\$12,054		90	\$9,287	
PAMIS         673         1702         \$317,658         \$2.052,756         \$35,070         \$100 <td>AAMIS         673         1,702           RAMS         0         453         \$0.00           RAMS         0         640         \$0.00           RAMS         0         0         \$0.00           AMS         0         0         \$0.00           AMS         0         0         \$0.00           AMS         0         0         \$0.00           Coentives are based on prospective values.         2.342         Coentives are based on prospective values.</td> <td></td> <td>441</td> <td>1 1</td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td>0.00</td> <td></td> <td></td> <td></td> <td></td>	AAMIS         673         1,702           RAMS         0         453         \$0.00           RAMS         0         640         \$0.00           RAMS         0         0         \$0.00           AMS         0         0         \$0.00           AMS         0         0         \$0.00           AMS         0         0         \$0.00           Coentives are based on prospective values.         2.342         Coentives are based on prospective values.		441	1 1		_				0.00				
RAMIS         640         453         \$50.00         \$50         0         0         0         463         \$50.00         \$50         0         0         0         463         \$50	MANS  Coentives are based on prospective values.	IAL PROGRAMS	673	1,702		\$317,658		2,052,726		\$63,878	"			
RAMIS         0         453         \$50.00         \$50         0         n/a         \$50 <td>HAMS 0 0 453 \$0.00 0 63 \$0.00 0 640 0 77 \$0.00 0 640 0</td> <td></td>	HAMS 0 0 453 \$0.00 0 63 \$0.00 0 640 0 77 \$0.00 0 640 0													
Contributes are blacked on proposed services are blacked for proposed services are placed at the proposed services are placed at the proposed services are placed at the proposed services are placed at the proposed services are placed at the proposed services are placed at the proposed services are placed at the proposed at the proposed services are placed at the proposed at the pro	MANS  AMS  Coentives are based on prospective values.	AMS									Ç			
RAMIS         0         77         \$0.00         \$0         13,282         \$1,022,714         \$0.04255         \$43,312         \$0         \$0         \$0           RAMIS         0         77         \$0.00         \$0         14,102         662,794         \$0.04275         \$50.34         \$0	RAMS 0 0 63 \$0.00  RAMS 0 0 640 \$0.00  System 0 0 0 0 \$0.00  System 0 0 0 0 \$0.00  AMS 0 0 0 0 \$0.00  Coentives are based on prospective values.		0	453			0				9			
RAMS         6         47         50.00         50.0         14,102         662,794         \$0.04277         \$28,344         \$0         <	System	Doilding	0 0	63			13,282	I						
RAMIS         640         640         50         1,686,508         \$71,600         50 <td>AMS 0 640  System 0 670  System 0 0 0 85000  System 0 0 0 80000  System 0 8000  System 0 9000  System 0 8000  System 0 9000  System 0 8000  System 0 9000  S</td> <td>Building</td> <td>0</td> <td>47</td> <td></td> <td></td> <td>14,102</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	AMS 0 640  System 0 670  System 0 0 0 85000  System 0 0 0 80000  System 0 8000  System 0 9000  System 0 8000  System 0 9000  System 0 8000  System 0 9000  S	Building	0	47			14,102							
AMS.         Outs Removed).         Countries Removed).         SO	AMS -	MAI PROGRAMS		640		0\$		1,685,508		\$71,660				
AMS-Dus Removed)         0         50 00	August   A		1 !!					4		H H H H R				
Outs Removed)         Outs Removed)         Outs Removed)         For all of the cumulative participants as of participants are based on prospective values.         \$0.000         \$0.0	Outs Removed)         0         50.00           Peral         0         0         50.00           Incressed Air System         0         0         \$0.00           IAL PROGRAMS         0         0         \$0.00           INY         673         2.342         2.342           INY         64 efficiency incentives are based on prospective values.         2.342         2.342	MS -												
reral         50         50         60         6         60         6         50	Peral	uts Removed)									0\$			
Terral         0         \$0.00         \$0.00000         \$0         \$0.00000         \$0         \$0         \$0.00000         \$0 <th< td=""><td>  Paral</td><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	Paral		0											
S0.00   \$0.0	80.00  80	rai	0											
\$0 \$0 \$0 \$0 \$0 \$137,658 3,738,234 \$135,538 \$10,681 \$3,364 \$14,045 \$1231/2000	1231/2000.	pressed Air System	0											
\$317,658 \$317,658 \$317,000 \$3,364 \$14,045	12/31/2000.	AL PROGRAMS	0		0				C	\$	11	R		
531/,008	12/31/2000.			H H				A 700 007 0		\$135.538		\$3,	1	
1 1 1 1	1 1	>	673	2,342	2 #	\$317,658		1,00,00		111111111111111111111111111111111111111				
1 1	- 1			Conference										
		pants include a reduction for the	e cumulative	participants as	1									

Vest 2004									<del> </del>			
											Exhibit C	
KENTUCKY POWER COMPANY ESTIMATED SECTOR SURCHARGES FOR 3											PAGE 10A of	12
YEAR PROGRAM			-	TOTAL			NET	TOTAL	> CIA U	NAXMAN		TOTAL
YEAR 9 (1st QTR)	NEW		05	ESTIMATED	NET LOST	TOTAL ENERGY SAVINGS	LOST	LOST	INCENTIVE	INCENTIVE	TOTAL.	COSTS TO BE
PROGRAM DESCRIPTIONS	NUMBER (1)	NUMBER **	PER PARTICIPANT (3)	COSTS (4)	(KWH/ PARTICIPANT)	KWH/QTR (6) (2)X(5)	(\$/KWH)	REVENUES (8) (6)X(7)	(EX. C, PG.11)	(5% of COSTS) (10) (4)X(5%)	(11) (9)+(10)	(12) (4)+(8)+(11)
RESIDENTIAL PROGRAMS Energy Fitness	0	0	\$0.00	0\$	353	0	\$0.03112	0\$	0\$	8	0\$	0\$
Targeted Energy Efficiency - All Electric	86 4	462	\$1,168.06	\$42,050	514	237,468	\$0.03111	\$7,388	\$0	\$2,103	\$2,103	\$51,541
Compact Fluorescent Bulb	0			0\$	0	0	\$0.0000	0\$	0\$	0\$	0\$	0\$
High - Efficiency Heat Pump - Resistance Heat - Non Resistance Heat	0 0	49	\$0.00	0\$	600	29,400	\$0.03114	\$916	0\$	0\$	Q <b>\$</b>	\$916
High - Efficiency Heat Pump - Mobile Home	12	249	\$550.00	\$6,600	572	142,428	\$0.03110	\$4,430	\$347	0\$	\$347	\$11,377
Mobile Home New Construction *** - Heat Pump - Air Conditioner	<u>6</u> 6	3391	\$575.00	\$10,925	905	353,855	\$0.03110	\$11,005	\$77 \$1	0\$	\$77	\$22,007
Modified Energy Ethnese	225	655	\$376.00	\$84,600	297	391,035	\$0.03116	\$12,185			\$4,739	\$101,524
TOTAL RESIDENTIAL PROGRAMS	300			\$145,325		1,182,705		\$36,815	\$5,185	\$2,103	\$7,288	\$189,428
				8 9 11 11 11		n u u n n		A 計 日 日 日 日 日 日 日 日				
COMMERCIAL PROGRAMS					0		n/a	0\$				0\$
Smart Audit - Class 1 - Class 2		0 37	\$0.00		0		040	\$0\$	S S	0\$		\$16,5
Smart Financing - Existing Building		0 59		G G	7,051	317,295	\$0.04277	\$13,571				
TOTAL COMMEDCIAL BEOCEDANS						709,114		\$30,165			0\$	\$30,165
O AL COMMETION TO THE TOTAL TOT		#										
INDUSTRIAL PROGRAMS -						W. R. C.						
(w/Est. Opt-Outs Removed)			\$0.00						0\$			
Smart Audit - Class 2				0\$	0	0		Ş	G G	2 0	9	\$0
Smart Financing - General		0	0000				\$0.0000					
Siliari Filiaricii g · Compressed All Oysterii								Ş	C#	0\$	0\$	
TOTAL INDUSTRIAL PROGRAMS	0		0 !!	200		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			N	1	47 288	\$219.593
TOTAL COMPANY	300			\$145,325		1,891,819		\$66,980	\$5,185	5 \$2,103	i	
		H										
Lost revenue and efficiency incentives are based on prospective values.     Commission and adjustion of adjustion for the commission participants as 0f	based on prospec	ctive values.	of 03/31/2001.									
*** Participants since 01/01/2001.			1 1								-	

PANY CHARGES FOR 3 PA RS) PA RS) S S S S S S S S S S S S S S S S S S	<del>└</del> ─ <del>│</del> ── <del></del>	CUMULATIVE 1 PARTICIPANT NUMBER ** P									PAGE 10B of	12
RIPTIONS CGRAMS CITICIONS THICITIONS											-	
			TOTAL	TOTAL			NET	TOTAL	\(\frac{1}{2}\)	SMIZING		TOTAL ESTIMATED
			Ω≥	ESTIMATED	NET LOST REV/OTRS	TOTAL ENERGY SAVINGS	LOST	LOST	INCENTIVE	INCENTIVE	TOTAL.	COSTS TO BE
			PER PARTICIPANT		(KWH/ PARTICIPANT) (5)	KWH/QTRS (6)	(\$/KWH)	REVENUES (8)	(EX. C, PG.11) (9)	(5% of COSTS) (10) (4)X( 5%)	INCENTIVE (11) (9)+(10)	RECOVERED (12) (4)+(8)+(11)
geted Energy Efficiency - All Electric - Non-All Electric	114	0	\$0.00	(1)X(3)	1,060	0 (5)×(2)	\$0.03112	0\$	0\$		0\$	0\$
i	2	198	\$1,347.15	\$153,575	1,542	93,456	\$0.03111	\$22,595	0058	\$7,679 \$0 \$0	\$7,678 \$300	\$183,849
Compact Fluorescent Bulto High - Efficiency Heat Pump - Resistance Heat - Non Resistance Heat	00	0 22 0	00.0\$	0\$	1,800 076	39,600	\$0.03114	\$1,233	0\$	0.9	0\$	\$1,233
High - Efficiency Heat Pump - Mobile Home	88	240	\$550.00	\$48,400	1,716	411,840	\$0.03110	\$12,808	\$2,545	0\$	\$2,545	\$63,753
Mobile Home New Construction ***  - Heat Pump  - Heat Pump	131	380	\$575.00	\$75,325	2,713	1,030,940 6,372	5 \$0.03110	\$32,062	\$532	80		
	675	1,105			1,791	1,979,055	\$ \$0.03116	\$61,667	\$14,216			
TOTAL RESIDENTIAL PROGRAMS ==	1,125	2,443		\$548,175		2014		11 11 11 11 11				
COMMERCIAL PROGRAMS		000	\$0.00		0		0, n/a	\$0		0\$		80
nart Audit - Class 1 - Class 2	000	14	80.00	90	19.92	876,61		\$37,1		08	0,00	
Smart Financing - Existing Building Smart Financing - New Building	0	34	80.08									
TOTAL COMMERCIAL PROGRAMS	0	320		0\$		1,595,780	0 #	\$67,884	9			
INDUSTRIAL PROGRAMS -										8		
(w/test. Opt-Outs Hemoved) Smart Audit - Class 1	0	0				0	0 0/0 0/0				05	0
mart Audit - Class 2	0 0		\$0.00			0.0	0 \$0.00000				09	
Smart Financing - Compressed Air System	0	0		0\$		0	90.00000				9 0\$	0\$
TOTAL INDUSTRIAL PROGRAMS	0		0 1	0\$		0	0	P		3 2 3	79 \$25.291	# \$774,834
TOTAL COMPANY	1,125		li li	\$548,175		5,883,325	5	\$201,368	710'/16			
1 net revenue and efficiency incentives are based on prospective values.	n prospecti	ve values.										

																	+++				+++
KENTUCKÝ POWER COMPANY DERIVATION FOR 3 YEAR DSM EXPERIMENT	Z																		Exhibit C PAGE 11A of	it C of 12	
CALCULATION OF EFFICIENCY INCENTIVE PROGRAM DESCRIPTIONS	EFFICIENCY INCENTIVE  \$ / PARTICIPANT (1)	(2)	(5)	(4)	YEAR 1 (5)	YEAR 2 (6)	(2)	NUN YEAR 3	NUMBER OF N	NEW PARTICIPANTS YEAR 4 (10) (11)	ricipants	YEAR 5 5 (12)	(13)	YEAR 6 (14)	(15)	YEAR 7 (16)	(17)	YEAR 8 (18) (	YEAR 9 (19) (20)		(L) DE
DESIDENTIAL DEPOS DAMS	INITIAL	PROSP. VALUES		1999 2002/ VALUES VALUES		1st half	2nd half	1st half	2nd half	1st half	2nd half	1st half	2nd half	1st half	2nd half	1st half	2nd half	1st 2	2nd 1st half qtr 0	t & 4th qtrs	돌 v o
HESIDENING PROGRAMS Energy Filterss Targeted Energy Efficiency - All Electric - Non-All Electric	\$78.22 \$0.00 \$9.71	\$20.78 \$0.00 \$1.66	\$33.89	\$33.89	223 223 74	273	175 175 93	122	131 42	306	0 99	0 98 6	51 8	2 8 0	5 88 84	33.63	13	100	69 0	2 2 0	4100
Compact Fluorescent Bulb High - Efficiency Heat Pump - Resistance Heat	\$1.58	n/a \$7.22	\$44	\$44	269	123	220	21 0	0 108	0 8 6	140	98	53 0	2 80	30 0	-0	00	0 0	0 0	0 0	00
- Non Resistance Heat High - Efficiency Heat Pump - Mobile Home	\$16.69		n/a \$84.21	n/a \$28.92	527		186	99	173	7 101	134	45	43	23	47	84	43	34	82	12	88
Mobile Home New Construction ***  - Heat Pump  - Air Conditioner  Modified Energy Fitness	n/a	a n/a	\$44.42	\$4.06 \$0.41 \$21.06	0	0	0	0	33	88	123	101	76	8	26	22	19	84 0 101 0 101	1 1 441	19 3	131 47 675
TOTAL RESIDENTIAL PROGRAMS  "Participants since 09/01/98  COMMERCIAL PROGRAMS  Smart Audit - Class 1	00.03	n/a	a n/a	n/a	1.6	243		204	178	186	188	144	25	134	15. 5. 4.	125	0 0 %	000	000	000	0 0 0
Smart Financing - Class 2 Smart Financing - New Building TOTAL COMMERCIAL PROGRAMS	\$506.33		\$232	\$232.54			0 0				25.88	91 4	24	Ω &	2 8	2	3 9	0	0	0	0
INDUS TRIAL PROGRAMIS -  (w/Est Opt-Outs Removed) Smart Audit - Class 1 Smart Audit - Class 2 Smart Financing - General Smart Financing - Compressed Ari System	\$0.00 \$0.00 \$178.65 \$4,850.21	\$382	n/a n/a n/a n/a 80 n/a	л п/а п п/а п п/а		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	122	12 10 0	0 - 0	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000
TOTAL INDUSTRIAL PROGRAMS ANNUAL SHARED SAVINGS (\$)					<u> </u>														+	+	

Exhibit C PAGE 1180f 12	YEAR YEAR  7 7 (33) (34) (35) (4)X(16) (4)X(17) (4)X(18  1st 2nd 1st half half half		326         \$44         \$0         \$0         \$0         \$0         \$0         \$0           \$0         \$0         \$0         \$0         \$0         \$0         \$0           \$0         \$0         \$0         \$0         \$0         \$0         \$0           \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0           \$0 <th>\$4,087         \$2248         \$187         \$260         \$1         \$632           \$4,087         \$2231         \$248         \$1         \$19         \$19           \$4,087         \$4,739         \$14,216         \$14,216         \$14,216</th> <th>\$1.656 \$1.549 \$3.327 \$10.681</th> <th>\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$3.488 \$1.528 \$5.814 \$0 \$0 \$4.772 \$1.312 \$4.197 \$0 \$0 \$0 \$8.210 \$2.940 \$10.011 \$0 \$0</th> <th>OS         OS         OS         OS         OS           OS         OS         OS         OS         OS</th>	\$4,087         \$2248         \$187         \$260         \$1         \$632           \$4,087         \$2231         \$248         \$1         \$19         \$19           \$4,087         \$4,739         \$14,216         \$14,216         \$14,216	\$1.656 \$1.549 \$3.327 \$10.681	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$3.488 \$1.528 \$5.814 \$0 \$0 \$4.772 \$1.312 \$4.197 \$0 \$0 \$0 \$8.210 \$2.940 \$10.011 \$0 \$0	OS         OS         OS         OS         OS           OS         OS         OS         OS         OS           OS         OS         OS         OS         OS           OS         OS         OS         OS         OS           OS         OS         OS         OS         OS           OS         OS         OS         OS         OS
	YEAR 6 (33) (32) (3)X(14) (3)X(15) 1st 2nd half half	09 06 9	\$1,016 \$1, \$0 \$4,463 \$3	\$3,687	\$9,256	\$0 \$3.488 \$2.099 \$5.587	05 05 05 05 05 05 05 05 05 05 05 05 05 0
	YEAR (30) (30) (3)X(12) (3)X(12) (3)X(13) (4)X(13) (5)X(13) (4)X(13) (5)X(13) (5)X(1	\$0 \$0 \$0 \$0 \$141 \$105 \$0 \$0	\$1,679 \$1,105 \$0 \$0 \$3,789 \$3,621	\$4,486 \$4,175	\$10,095 \$9,006	\$0 \$0 \$0 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1	05 05 05 05
	(28) (3)X(11) 2nd half	370 \$0 \$0 \$40 \$60 \$40	\$4,375 \$6,187 \$0 \$0 \$8,505 \$11,284	\$4,353 \$5,464	\$27,663 \$22,975	\$0 \$0 \$1,395 \$5,814 \$787 \$2,099 \$2,182 \$7,913	08 08 08 08 08 08 08 08 08 08 08 08 08 0
	ANNUAL SHARED SX YEAR (26) (27) (2)X(9) (3)X(10) 2nd 1st half half	\$9,309 \$10,370 \$0 \$0 \$70 \$60 \$70 \$60	\$780 \$4. \$1.863 \$5.623 \$8		\$17,645 \$27,6	\$0 \$0 \$23,585 \$144 \$129	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$
	YEAR 3 (25) (25) (2)X(8) 1st half		\$152  4 \$757  00 \$2 145		01 \$14,398	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	05 05 05 05 05 05 05 05 05 05 05 05 05 0
	(24) (27) (2)x(7) (2)x(7)	\$14,3	\$2,070 \$5,414	\$	339 \$25,601	\$0 \$0 \$50 \$50 \$50 \$50	Q, Q, Q, Q, Q
	YEAR YEAR  1 2 (22) (23) (1)X(5) (1)X(6) 1 1st	\$43,177 \$21,354 \$0 \$0 \$719 \$252 \$425 \$0		\$13,834 \$0	\$77.585 \$30,339	909\$ 909\$ 909\$ 98	09 09 09 09
KENTIÚCKY POWER COMPANY DERIVÄTIÓN FOR 3 YEAR DSM EXPERIMEN	CALCULATION OF EFFICIENCY INCENTIVE  Y PROGRAM DESCRIPTIONS  (1)	RESIDENTIAL PROGRAMS Energy Fitness Targeted Energy Efficiency All Electric Non-All Electric Compact Fluorescent Bulb	Q. Q.	uoi	Titness DENTIAL PROGRAMS Its since 09/01/98		INDUSTRIAL PROGRAMS - (WEst Opt-Outs Removed) Smart Audit - Class 1 Smart Audit - Class 2 Smart Financing - General Smart Financing - Compressed Air System

KENTUCKY POWER COMPANY		Exhibit C PAGE 12 of	12
THE STOR OF COME KENTLICKY RETAIL ENERGY SALES IN KWIT		PAGE 12 0	16
FOR RESIDENTIAL, COMMERCIAL AND INDUSTRIAL SECTORS			
PROGRAM YR 9 - 2004	RESIDENTIAL	COMMERCIAL	INDUSTRIAL
VEAR	SECTOR	SECTOR	SECTOR
J. STEP ON TO (VWIL)*	2,490,600,000	1,369,200,000	3,219,300,000
2 LESS NON-METERED **	14,943,600	8,215,200	19,315,800
TOTAL ESTIMATED RETAIL KWH SALES	2,475,656,400	1,360,984,800	3,199,984,200
4 LESS OPT - OUT CUSTOMERS KWH	0	0	2,059,689,192
5 KWH BEFORE LOST REVENUE IMPACTS	2,475,656,400		1,140,295,008
6 LESS LOST REVENUE IMPACTS	11,420,681	1,496,550	0
7 ADJUSTED KWH BY SECTOR	2,464,235,719 =======	=======================================	1,140,295,008
8 LINE 7/LINE 1	98.9%	99.3%	35.4% =======
	RESIDENTIAL	COMMERCIAL	INDUSTRIAL
INE NO. PROGRAM YR 9 (1st QTR)	RESIDENTIAL SECTOR		
9 TOTAL ULTIMATE SALES (KWH)*	832,000,000		
10 LINE 8	98.9%	6 99.3%	35.49
11 ADJUSTED KWH BY SECTOR	822,848,000		361,929,60
			INDUSTRIA
NO. PROGRAM YR 9 (2nd, 3rd & 4th QTRs)	RESIDENTIAL SECTOR		
12 TOTAL ULTIMATE SALES (KWH)*	1,658,600,000	1,022,400,000	
13 LINE 8	98.9%	:	
14 ADJUSTED KWH BY SECTOR	1,640,355,40		
* SOURCE: 2004 LOAD FORECAST COMPILED BY AEP CORPORATE PLANNING AND BUDGETING DEPT.			
** .60% ESTIMATED TO BE NON-METERED (OL) DETERMINED FROM BILLED JURISDICTIONAL TARIFF SUMMARY FOR 12 MOS. ENDED DECEMBER 2003.			