Jeff R. Derouen, Executive Director
Kentucky Public Service Commission
P. O. Box 615
211 Sower Boulevard
Frankfort, KY 40602
February 15, 2011
Dear Mr. Derouen:

## Re:

Case No. $\qquad$
In the Matter of the Joint Application Pursuant to 1994 House Bill No. 501 for the Approval of Kentucky Power Company Collaborative Demand-Side Management Programs, and for Authority to Implement a Tariff to Recover Costs, Net Lost Revenues and Receive Incentives associated with the Implementation of the Kentucky Power Company Collaborative Demand-Side Management Programs.

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

Specifically, the Joint Applicants, with the exception of the Office of the Attorney General's representative who abstained, seek authority for Kentucky Power Company or KPCo, 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.

In this filing, the DSM Collaborative is requesting Commission approval to increase annual participation levels for the following three programs as noted below. In all three cases, the increase in participants is due to current market conditions and the overwhelming customer support of the program.

- Mobile Home Heat Pump Program from 150 to 230 customers per year.
- Mobile Home New Construction Program from 170 to 230 customers per year.
- High Efficiency Heat Pump Program from 196 to 250 customers per year.

Jeff R. Derouen
February 15, 2011
Page 2
The DSM Collaborative is also requesting Commission approval to decrease annual participation levels for the Targeted Energy Efficiency Program all-electric and nonelectric homes from 415 to 350 homes and 78 to 55 homes, respectively. The decrease in participants is necessary due to the balance between KPCo DSM funding versus Federal Stimulus funding associated with the Community Action Agency's Weatherization Assistance Program. KPCo funding is supplemental to the Weatherization Assistance Program.

The revised residential sector DSM Adjustment clause factor has been agreed upon and is proposed by the DSM Collaborative (see Exhibit C, Column 5, Line 13). The proposed factor for the residential sector is the midpoint between the ceiling and the floor calculations as demonstrated on Exhibit C. The floor was calculated by taking the Collaborative's 2011 projected remaining three quarters position (see Exhibit C, Column 5 , Line 2) and dividing by the adjusted estimated sector kWh sales for the remaining three quarters (see Exhibit C, Column 5, Line 11). The ceiling was calculated by taking the Collaborative's 2011 projected remaining three quarters position (see Exhibit C, Column 5, Line 4) and dividing by the adjusted estimated sector kWh sales for the remaining three quarters (see Exhibit C, Column 5, Line 11).

The revised commercial sector DSM Adjustment clause factor has been agreed upon and is proposed by the DSM Collaborative (see Exhibit C, Column 5, Line 26). The proposed factor for the commercial sector is the midpoint between the ceiling and the floor calculations as demonstrated on Exhibit C. The floor was calculated by taking the Collaborative's 2011 projected remaining three quarters position (see Exhibit C, Column 5, Line 16) and dividing by the adjusted estimated sector kWh sales for the remaining fourth quarter (see Exhibit C, Column 5, Line 24). The ceiling was calculated by taking the Collaborative's 2011 projected remaining three quarters position (see Exhibit C, Column 5, Line 18) and dividing by the adjusted estimated sector kWh sales for the remaining three quarters (see Exhibit C, Column 5, Line 24).

The Joint Applicants request the Commission to approve the following:
(1) The Experimental DSM Electric Tariff to become effective March 30, 2011. This will allow the Company to utilize the new residential and commercial factor with the first billing cycle in April 2011.

Jeff R. Derouen
February 15, 2011
Page 3
As is customary, the Company requests the Commission return a stamped copy of the revised tariff sheet upon arrival. If you have any questions, please contact me at (502) 696-7010.

Sincerely,


Lila P. Munsey
Manager, Regulatory Services
enclosure

## TARIFF D.S.M.C.

(DEMAND-SIDE MANAGEMENT ADJUSTMENT CLAUSE) (Cont'd.)

## 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.
6. Copies of all documents required to be filed with the Commission under this regulation shall be open and made 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:

CUSTOMER SECTOR

|  | $\frac{\text { RESIDENTIAL }}{(\$ \text { Per KWH) }}$ |  | $\frac{\text { COMMERCIAL }}{(\$ \text { Per KWH) }}$ |  |
| ---: | :--- | :--- | :--- | :--- |
| Floor Factor $=$ | $(0.000161)$ | 0.000116 | $-0-$ |  |
| Ceiling Factor $=$ | 0.001710 | 0.001117 | $-0-$ |  |

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:

## CUSTOMER SECTOR

## RESIDENTIAL

COMMERCIAL
INDUSTRIAL*

| $\mathrm{DSM}(\mathrm{c})$ | $1,257,503$ |
| :--- | ---: |

651,239
$1,056,622,000$

- 0 -
- 0 -

Adjustment Factor $\$ 0.00775$
$\$ 0.000617$

- 0 -
(R) (I)
(R) (I)
:The Industrial Sector has been discontinued pursuant to the Commission's Order dated September 28, 1999.



## KENTUCKY POWER COMPANY

Demand Side Management
As of December 31, 2010

## INDEX

## DESCRIPTION

| PAGE | Definitions |
| :---: | :--- |
| 1 | DSMI Programs: |
| 3 | Summary Information (All Programs) |
|  | Residential Programs |
| 5 | Energy Fitness - Inactive |
| 8 | Targeted Energy Efficiency |
| 11 | Compact Fluorescent Bulb - Inactive |
| 14 | High Efficiency Heat Pump Retrofit - Inactive |
| 17 | High Efficiency Heat Pump - Mobile Home |
| 20 | Mobile Home New Construction |
| 23 | Modified Energy Fitness Program |
| 26 | High Efficiency Heat Pump |
| 29 | Community Outreach Compact Fluorescent Lamp (CFFL) |
| 32 | Energy Education for Students |
| 35 | Residential HVAC Diagnostic and Tune-up |
| 38 | Residential Load Management |
| 41 | Residential Efficient Products |
|  | Commercial Programs |
| 44 | Commercial HVAC Diagnostic and Tune-up |
| 47 | Commercial Load Management |
| 50 | High Efficiency Heat Pump/Air Conditioner |
| 53 | Commercial Incentive |
| 56 | Smart Audit - Inactive |
| 59 | Smart Incentive - Inactive |
|  | Industrial Programs |
| 62 | Smart Audit - Inactive |
| 65 | Smart Incentive - Inactive |

DEFINITIONS

> Year-to-Date costs recorded January 1, 2010 through December 31, 2010 Estimated in place load impacts for Year-to-Date participants. Costs recorded from the inception of the program through December 31, 2010. Estimated in place load impacts for Program-to-Date participants.

## COMMENTS

do not agree with the total costs in the Financial Report due to a one month lag in reporting.
participating customers of each DSM program (including T\&D losses). The average monthly net energy savings is the product of $1 / 12$ of the

 (kWh) savings are calculated in accordance with the Sunset Provision contained in the joint application, filed September 27, 1995.
The estimated anticipated peak demand ( kW ) reduction is a product of the number of net participating customers (excluding free riders) and projected winter/summer demand reductions filed for each program (refer to Section III to V of the joint application). The anticipated peak demand (kW) reductions includes $11 \%$ T\&D loss savings.
The calculation of YTD and PTD estimated in place energy ( kWh ) savings and anticipated peak demand ( kW ) reductions contained in this status report reflect, wherever applicable, the program evaluation results of each individual program as described in the August 16, 1999, June 30, 2002, June 30, 2005, June 30, 2008 and June 30, 2010 DSM collaborative report.
The individual DSM lost revenue, efficiency incentive and maximizing incentives as of June 30, 1997 are calculated based on the initial values from Exhibit $E$ in the joint application, filed September 27, 1995. A retroactive adjustment of the initial values of the efficiency incentives and net lost revenue KWH impacts was used for each program for the first eighteen months ( $1 / 196$ to $6 / 30 / 97$ ). The lost revenue, efficiency incentive and maximizing incentive for the period $1 / 1 / 10$ to $12 / 31 / 10$ are calculated using the revised values contained in Schedule $C$ of this status report.
The program lost revenue is the product of the number of participating customers, the average net energy savings ( kWh ) per customer
and the net lost revenue ( $\$ / \mathrm{kWh}$ ). The number of participating customers is equal to $1 / 2$ of the new participants for the current month, plus the cumulative participants from the previous months. The program-to-date lost revenues are calculated in accordance with the Sunset Provision contained in the joint application, filed September 27, 1995.
The efficiency incentive is the product of the number of participants for the month and the efficiency rate ( $\$ /$ participant). The maximizing incentive is caiculated as $5 \%$ of actual program cost for the month.
 KENTUCKY POWER COMIPANY
SUMMARY INFORMATION (ALL PROGRAMS) As of December 31, 2010

DESCRIPTION
Total Revenue Collected

## Total Program Costs <br> Total Lost Revenues

Total Efficiency / Maximizing Incentive

HEAP - Kentucky Power's Information
Technology Implementation Costs (Case No 2006

- 00373, Dated December 14, 2006

HEAP - KACA's Information Technology
Total DSM Costs As of December 31, 2010




DESCRIPTION
Actual In-Place Energy Savings:
Actual In-Place Energy Savings:
w/ T\&D Line Losses:
Total kW Reductions:
Winter
Winter
w/ T\&D
w/ T\&D Line Losses:
Summer
w/ T\&D Line Losses:

Actual li Place Energ Sa
Total kW Reductions:
Winter
w/ T\&D Line Losses:
Summer
w/ T\&D Line Losses:
KENTUCKY POWER COMPANY


| 2010 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec | YTD | PTD |
| New <br> Participants |  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.812 |


KENTUCKY POWER COMPANY

| 2010 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Participant | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec | YTD | PTD |
| All Electric | 6 | 31 | 34 | 40 | 17 | 46 | 31 | 38 | 27 | 30 | 17 | 29 | 346 | 3,070 |
| Non All Electric | 0 | 2 | 3 | 1 | 10 | 15 | 14 | 6 | 1 | 0 | 1 | 1 | 54 | 1,050 |

## KENTUCKY POWER COMPANY


Page 9
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.

## endor administration costs. The YTD costs are <br> The Equipment / Vendor cost categories includes the cost of labor and materials of measures <br> installed, participant energy educal formentrele homes. <br> $\$ 341,357$ for all-electric and $\$ 5,891$ for non-all-electric homes.

The YTD Estimated in Place Energy ( kWh ) Savings for all-electric participants and non-all-
electric participants is 414,816 and 41,029 respectively.
The YTD Anticipated Peak Demand (kW) Reduction summer/winter for all-electric and non-all-
electric participants is $33 / 163$ and $3 / 6$ respectively.
The YTD Lost Revenue for all-electric participants and non-all-electric participants is $\$ 77,737$ and $\$ 13,756$ respectively.
The YTD Efficiency Incentive for all-electric and non-all-electric participants is $\$ 26,718$ and $\$ 3,331$ respectively.
The projected participant and budgetary level for 2011 is 350 all-electric homes, 55 non-all-electric homes and $\$ 400,000$.


## KENTUCKY POWER COMPANY



KENTUCKY POWER COMPANY

KENTUCKY POWER COMPANY

COMMENTS:
This program was discontinued December 31, 2001.

KENTUCKY POWER COMPANY

KENTUCKY POWER COMPANY
The High Efficiency Heat Pump - Mobile Home program provides incentives to customers,
encouraging them to install the highest efficiency equipment practical.
The projected participant and budgetary level for 2011 is 230 and $\$ 113,500$ respectively.
KENTUCKY POWER COMPANY


| 2010 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec | YTD | PTD |
| Heat Pump | 23 | 11 | 10 | 17 | 27 | 27 | 20 | 14 | 18 | 17 | 24 | 26 | 234 | 2.145 |
| AIr ${ }_{\text {Arenditioner }}$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |


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KENTUCKY POWER COMPANY

KENTUCKY POWER COMPANY
The Collaborative has devised and implemented a plan in conjunction with trade allies to
offer a financial incentive to new mobile home buyers and trade allies to encourage the installation
of high efficiency heat pumps and upgraded insulation packages in new mobile homes.
The projected participant and budgetary level for 2011 is 230 heat pumps and $\$ 136,750$ respectively
KENTUCKY POWER COMPANY

| PROGRAM INFORMATION |  |
| :---: | :---: |
| PROGRAM: | Modified Energy Fitness |
| RTICIPANT DEFINITION: | Number of Audits |
| USTOMER SECTOR: | Residential |


KENTUCKY POWER COMPANY

KENTUCKY POWER COMPANY
The Modified Energy Fitness program provides energy audits, blower door testing, duct sealing and
COMMENTS:
KENTUCKY POWER COMPANY

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


| 2010 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec | YTD | PTD |
| New Participants | 0 | 0 | 419 | 342 | 1,164 | 718 | 621 | 65 | 807 | 548 | 126 | 0 | 4,810 | 8,554 |


| Impacts |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Estimated in Place Energy (kWh) Savings |  | Anticipated Peak Demand (kW) Reduction |  |  |  |
|  |  |  |  |  |  |
|  |  | Summer | Winter | Summer | Winter |
| 133,036 | 376,131 | 5 | 123 | 9 | 218 |

KENTUCKY POWER COMPANY


Page 30
KENTUCKY POWER COMPANY

| 2010 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec | YTD | PTD |
| New Participants | 75 | 0 | 112 | 0 | 58 | 243 | 0 | 0 | 0 | 15 | 408 | 636 | 1.547 | 2,677 |


| Impacts |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Estimated in Place Energy (kWh) Savings |  | Anticipated Peak Demand (kW) Reduction |  |  |  |
| YTD | PTD | YTD |  | PTD |  |
|  |  | Summer | Winter | Summer | Winter |
| 20,698 | 91,993 | 2 | 39 | 3 | 68 |

KENTUCKY POWER COMPANY


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KENTUCKY POWER COMPANY
The Energy Education for Students program is designed to partner with the National Energy
Education Development Project (NEED) to implement an energy education program for
7th grade students at participating middle schools. The students will be provided a package
of four 23 watt CFLs to install in their homes. The program will influence residential customers
to purchase and use compact fluorescent lighting in their homes.
The projected participant and budgetary level for 2011 is 2,000 students and $\$ 31,000$ respectively.

| 2010 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Participant | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec | YTD | PTD |
| Heat Pump |  |  |  |  |  |  |  | 0 | 0 | 0 | 1 | 27 | 28 | 28 |
| Air Conditioner |  |  |  |  |  |  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


| $\operatorname{lmpacts}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Estimated in Place Energy (kWh) Savings | Anticipated Peak Demand (kW) Reduction |  |  |  |  |
| YTD | PTD | YTD |  | Winter | Summer |
|  |  | Summer | PTD |  |  |
| 1,019 | 1,019 | 5 | 7 | 5 | Winter |

KENTUCKY POWER COMPANY

KENTUCKY POWER COMPANY

| 2010 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Participant | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec | YTD | PTD |
| A/C Switches |  |  |  |  |  |  |  |  |  |  |  |  | 0 | 0 |
| Water <br> Heater SW |  |  |  |  |  |  |  |  |  |  |  |  | 0 | 0 |


KENTUCKY POWER COMPANY

$6 \varepsilon$ әб厄
KENTUCKY POWER COMPANY
The Residential Load Management Program will determine whether peak demand can be
The projected participant and budgetary level for 2011 is $475 \mathrm{~A} / \mathrm{C}$ and 475 water heating switches, and $\$ 552,775$ respectively. Vendor contract pending with customer installations scheduled to begin April 2011.

| 2010 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Participant | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec | YTD | PTD |
| CFL |  |  |  |  |  |  |  |  |  |  |  |  | 0 | 0 |
| Specialty |  |  |  |  |  |  |  |  |  |  |  |  | 0 | 0 |
| LED Lights |  |  |  |  |  |  |  |  |  |  |  |  | 0 | 0 |


| Impacts |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Estimated in Place Energy (kWh) Savings |  | Anticipated Peak Demand (kW) Reduction |  |  |  |
| YTD | PTD |  |  |  |  |
|  |  | Summer | Winter | Summer | Winter |
| 0 | 0 | 0 | 0 | 0 | 0 |

KENTUCKY POWER COMPANY

| Residential Efficient Products |  |
| :--- | :---: |
| Reporting Period: | January - December 2010 |



## Page 42

KENTUCKY POWER COMPANY
The Residential Efficient Products Program will provide incentives and marketing support through
retailers to build market share and usage of ENERGY STAR lighting products. Designed to produce
long-term energy savings in the residential sector by increasing the market share of ENERGY
STAR CFLs and (or) other ENERGY STAR lighting products.
The forcasted units and budgetary level for 2011 is 125,800 ENERGY STAR lights and $\$ 367,876$.
Final contract is pending with program implementation contractor. Retail store customer promotions
scheduled to begin February or March 2011 .

| 2010 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Participant | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec | YTD | PTD |
| Heat Pump |  |  |  |  |  |  |  |  |  |  | 1 | 0 | 1 | 1 |
| Air Conditioner |  |  |  |  |  |  |  |  |  |  | 0 | 0 | 0 | 0 |

## KENTUCKY POWER COMPANY


KENTUCKY POWER COMPANY The Commercial HVAC Diagnostic and Tune-up Program provides a variety of HVAC services, including diagnostic performance checks on commercial unitary central air conditioning and heat pump units. The Equipment / Vendor cost includes the cost of incentives for participating HVAC dealers promotion of the program. The customer incentives are $\$ 75$ per program participant. YTD cost for the program are $\$ 0$ for central air conditioning and $\$ 125$ for heat pump.
The projected participant and budgetary level for 2011 is 136 central air conditioners and 24 heat pumps and $\$ 24,120$ respectively.

KENTUCKY POWER COMPANY

KENTUCKY POWER COMPANY
The projected participant and budgetary level for 2011 is $45 \mathrm{~A} / \mathrm{C}$ and 45 water heating switches
and $\$ 60,640$ respectively. The vendor contract is pending with customer installation projected to
begin April 2011 .
KENTUCKY POWER COMPANY


| 2010 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Participant | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec | YTD | PID |
| Heat Pump |  |  |  |  |  |  |  |  |  | 0 | 0 | 0 | 0 | 0 |
| Air |  |  |  |  |  |  |  |  |  | 0 | 0 | 0 | 0 | 0 |

KENTUCKY POWER COMPANY
High Efficiency Heat Pump/Air Conditioner


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

The Equipment / Vendor cost includes incentive payments for participating HVAC dealers. Customer incentives are included with the program and a promotional expense of $\$ 12,000$ is included with the 2011 budget. YTD expenses for 2010 was $\$ 0$ for central air conditioning and $\$ 0$ for heat pump.

The projected participant and budgetary level for 2011 is 100 central air conditioners and 20 heat pumps with a program budget of $\$ 69,000$. The program was started in 2010 but received no participants. Introduction letters and incentive forms were issued to participating HVAC dealers with follow-up calls to dealers completed October 2010.
COMMENTS:
KENTUCKY POWER COMPANY

KENTUCKY POWER COMPANY

The Commercial Incentive program offers energy savings for all commercial business customers through promotion of high efficiency electric lighting, HVAC, pumps, and motors. Primary objectives include; increasing the market share and installation rate of high efficiency technologies, and improving the operating efficiencies of existing long life equipment for commercial customers. The projected participant and budgetary level for 2011 is 88 customers and $\$ 910,560$. Negotiations are ongoing with the implmentation contractor for this program. The program start is planned for March/April 2011.
COMMENTS:

| 2010 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Participant | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec | YTD | PTD |
| Class! |  |  |  |  |  |  |  |  |  |  |  |  | 0 | 1,952 |
| Class II |  |  |  |  |  |  |  |  |  |  |  |  | 0 | 194 |

KENTUCKY POWER COMPANY

KENTUCKY POWER COMPANY
KENTUCKY POWER COMPANY


| 2010 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Participant | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec | YTD | PTD |
| Existing Building |  |  |  |  |  |  |  |  |  |  |  |  | 0 | 182 |
| $\begin{array}{\|l} \hline \text { New } \\ \text { Building } \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  | 0 | 69 |


| Impacts |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Estimated in Place Energy (kWh) Savings <br> YTD <br> PTD |  | Anticipated Peak Demand (kW) Reduction |  |  |  |
|  |  |  |  |  |  |
|  |  | Summer | Winter | Summer | Winter |
| 0 | 125,682,085 | 0 | 0 | 1,519 | 2,640 |

KENTUCKY POWER COMPANY


KENTUCKY POWER COMPANY

| 2010 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Participant | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec | YTD | PTD |
| Class ! |  |  |  |  |  |  |  |  |  |  |  |  | 0 | 60 |
| Class II |  |  |  |  |  |  |  |  |  |  |  |  | 0 | 4 |



## KENTUCKY POWER COMPANY


KENTUCKY POWER COMPANY
COMMENTS:

| 2010 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Participant | Jan | Feb | Mar | Apr | May | June | July | Aug | Sep | Oct | Nov | Dec | YTD | PTD |
| General | 0 | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  | 0 | 1 |
| Compressed Air | 0 | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  | 0 | 0 |

## KENTUCKY POWER COMPANY


KENTUCKY POWER COMPANY


|  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
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|  |  |  |  |  |  |  |  |  |  |  | Exhibit C |  |
| KENTUCKY POWER COMPANY |  |  |  |  |  |  |  |  |  |  | PAGE 4A of | 9 |
| ESTIMATED SECTOR SURCHARGES FOR 3 | PROGRAM |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  | TOTAL | NET LOST | TOTAL NET* | EFFICIENCY | MAXIMIZING |  | TOTALEST. |
| YEAR 3(1st HALF) | NEW | CUMULATIVE | TOTAL ESTIMATED | TOTAL ACT. | NETLOST | ENERGY SAVINGS | REVENUE | LOST | INCENTIVE | INCENTIVE | TOTAL* | COSTS TOBE |
| YEAR 3 ( St HALF) | PARTICIPANT | PARTICIPANT | PROGRAM COSTS | PROGRAM | REV/6 MOS | ENERGY SAVINGS | REVENUE | LOST | (EX.C, | Noentive | centive | RECOVERED |
|  | NUMBER | NUMBER | PER PARTICIPANT | COSTS | (KWH/PARTIC) | KWH/6 MOS | (\$/KWH) | REVENUES | PG. 18B) | (5\% of costs) | $\frac{\text { NSENTIVE }}{(11)}$ | $\frac{\text { RECOVERED }}{(12)}$ |
| PROGRAM DESCRIPTIONS | (1) | (2) | (3) | (4) | (5) | $\stackrel{(6)}{(2) \times(5)}$ | (7) | ${ }_{(6) \times 1}{ }^{(8)}$ | (9) | (4) $\times$ ( $5 \%$ ) | (9)+(10) | $\frac{(4)+(8)+(11)}{}$ |
|  |  |  |  | (1) $\times$ ( 3 ) |  | (2) $\times$ (5) |  | (6) $\times$ ( 7 ) |  | (4), $\times$ ( $5 \%$ ) | (9)+(10) | (4) |
| RESIDENTIAL PROGRAMS |  |  |  |  |  | 1205776 | 50.03 | \$37,524 | \$11,304 | n/a | \$11,304 | \$149,162 |
| Energy Fitiness | 544 | 1,768 | \$184.44 | \$100,334 | 688 | 1, 1, 572 T , 960 | \$0.03 | \$48,935 | \$0 | \$6,911 | \$6,911 | \$194,062 |
| Targeted Energy Efficiency - All Electric | 122 | 565 | \$1,132.92 | \$138,216 | 2,740 | 1, 69,020 | \$0.03 | \$2,156 | \$40 | n/a | \$40 | \$4,006 |
| - Non-All Electric | 24 | 203 | \$112.92 | \$2,710 | 340 |  |  |  |  |  |  |  |
|  |  |  |  |  | 32 | 8,608 | \$0.03 | \$266 | \$0 | So | \$0 | \$266 |
| Compact Fluorescent Bulb | 0 | 269 | \$0.00 | \$0 | 32 | 8,60 | \$0.03 |  |  |  |  |  |
|  |  |  |  | \$1,472 | 1,094 | 970,378 | \$0.03 | \$30,218 | \$152 | n/a | \$152 | \$31,842 |
| High - Efficiency Heat Pump - Resistance Heat | 26 | 8878 | \$70.10 | \$1, $\$ 1,820$ | -1,094 | 374,815 | \$0.03 | \$11,679 | \$757 | nla | \$757 | \$14,256 |
| - Non Resistance Heat | 26 | 848 | \$70.00 | \$1,820 |  |  |  |  |  |  |  |  |
|  |  |  | \$535.30 | \$35,330 | 1,250 | 770,000 | \$0.03 | \$23,947 | \$2,145 | n/a. | \$2,145 | \$61,422 |
| High - Efficiency Heat Pump - Mobile Home | 66 | 616 |  |  |  |  |  |  |  |  |  |  |
| Mobile Home New Construction | 0 | 82 | n/a | 30 | 0 | 0 | n/a |  | \$0 | \$0 | \$0 | SO |
|  |  |  |  |  |  |  |  | \$154725 | \$14,398 | \$6,911 | \$21,309 | \$455,916 |
| TOTAL RESIDENTIAL PROGRAMS | 803 | 5,238 |  | \$279,882 |  | - 4 4,971,558 |  | 10=== $=$ | $======$ | $= \pm===$ | $= \pm= \pm==$ | $\triangle====$ |
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| COMMERCIAL PROGRAMS |  |  |  | \$39,602 | $\bigcirc$ | 0 | n/a |  | $\$ 0$. | \$1,980 | \$1,980 | \$41,582 |
| Smart Audit - Class 1 | 204 | 597 | \$1,900.00 | \$44,800 | 0 | 0 | n/a |  | \$0 | \$2,240 | \$2,240 | \$47,040 |
| - Class 2 | 28 | 60 | \$ $\$ 1,600.081 .50$ | \$44,6,652 | 22,200 | 355,200 | \$0.04 | \$15,043 | \$6,506 | n/a | \$6,506 | \$66,201 |
| Smart Financing - Existing Building | 8 | 16 | \$4,564.00 | \$4,4,564 | 15,300 | 15,300 | \$0.04 | \$654 | \$29 | So | \$29 | \$5.247 |
| Smart Financing - New Building | 1 | - | \$4,64.00 |  |  |  |  |  |  |  |  | \$160,070 |
| TOTAL COMMERCIAL PROGRAMS | 241 | 674 |  | \$133,618 |  | 370,500 |  | \$15,697 | \$6,535 | $\underline{\$ 4,220}$ | \$10, | $\stackrel{1}{100,}====$ |
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| INDUSTRIAL PROGRAMS - |  |  |  |  |  |  |  |  |  |  |  |  |
| (w/Est. Opt-Outs Removed) |  |  |  |  | 0 | 0 | n/a |  | 50 | \$148 | \$148 | \$3,101 |
| Smart Audit - Class 1 | 12 | 2 - $\frac{51}{3}$ | \$ $\mathbf{\$ 1 , 8 0 0 . 0 8}$ | \$2,953 | 0 | 0 | n/a |  | $\$ 0$ | \$90 | \$90 | \$1,890 |
| Smart Audit - Class 2 |  | 1 - ${ }^{1}$ | $\$ 1,800.00$ $\$ 0.00$ | \$1,338 | 29,250 | 0 | \$0.04 | \$0 | \$0 | \$67 | \$67 | \$1,405 |
| Smart Financing-General | 0 | 0 | \$0.00 | \$1, ${ }^{\text {\$0 }}$ | 82,400 | 0 | \$0.04 | $\$ 0$ | S0 | \$0 | \$0 | \$0 |
| Smart Financing - Compressed Air System |  | 0 - | \$0.00 |  |  | - - |  |  |  |  |  |  |
|  | 13 | $3-5$ |  | S6,091 |  | 0 |  | \$0 | 50 | \$305 | \$305 | \$6,396 |
| TOTAL INDUSTRAL PROGRAMS | $= \pm== \pm= \pm= \pm=$ |  |  | $= \pm= \pm= \pm= \pm=$ |  | $\pm= \pm= \pm= \pm=0$ |  |  |  | = 811.436 | \$32,369 | \$622,382 |
| TOTALCOMPANY | 1,057 | $7-5,966$ |  | \$419,591 |  | 5, |  | $\stackrel{\text { \$170, }}{===}$ | $\stackrel{\text { 320,933 }}{===}$ | $= \pm====$ | $= \pm=5=$ | $=====$ |
|  | $= \pm== \pm= \pm==$ |  |  |  |  | $=-=-1$ |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lost revenue and efficiency incentives a | d on prospective | e values. |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  | Exhibit C |  |
| KENTUCKY POWER COMPANY |  |  |  |  |  |  |  |  |  |  | PAGE 4B of 119 |  |
| ESTIMATED SECTOR SURCHARGES FOR 3 Y | PROGRAM |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | TOTAL ACT. | NETLOST | TOTAL | NET LOST | TOTAL NET* | EFFICIENCY | MAXIMIZING |  | TOTALEST. |
| YEAR 3 (2nd HALF) | NEW | CUMMULATIVE | TOTAL ESTIMATED | Total | REV/GMOS | ENERGY SAVINGS | REVENUE | LOST | INCENTIVE | INCENTIVE | TOTAL* | COSTS TOBE |
|  | PARTICIPANT | PARTICIPANT | PROGRAM COSTS | PROGRAM | REVIGMOS | ENERGY SAVNGS | REVENGE | REVENUES | (EX. C, <br> PG 18B | (5\% of COSTS) | INCENTIVE | RECOVERED |
| PROGRAM DESCRIPTIONS | NUMBER | NUMBER | PER PARTICIPANT | COSTS | (KWH/PARTIC) | KWH/6 MOS | (S/KWH) | $\frac{\text { REVENUES }}{}$ | $\frac{\text { PG.18B) }}{\text { (9) }}$ | (10) | (11) | (12) |
| PROGRAM DESCRIPIIONS | (1) | (2) | (3) | ${ }_{(1) \times(3)}$ | (5) | $\frac{(6)}{(2) \times(5)}$ | (7) | (6) $\times$ (7) | (9) | (4) $\times(5 \%)$ | (9) $+(10)$ | $(4)+(8)+(11)$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| RESIDENTIAL PROGRAMS |  |  | 530130 | \$134,982 | 682 | 1,552,914 | \$0.03 | \$48,327 | 59,309 | \$0 | \$9,309 | \$192,618 |
| Energy Fitness | 448 | 2,277 | \$1.187.51 | \$155,564 | 2,784 | 1,940,448 | \$0.03 | \$60,367 | S0 | \$7,778 | $\begin{array}{r}\text { S7,778 } \\ \hline\end{array}$ | $\$ 223,709$ $\$ 8.452$ |
| Targeted Energy Efficiency * All Electric | 131 | 238 | $\frac{51,187.51}{\$ 139.62}$ | \$155,864 | 340 | 80,920 | \$0.03 | \$2,528 | \$70 | \$0 | S70 |  |
| - Non-All Electic | 42 | 238 | \$13. 2 |  |  |  |  |  |  |  |  |  |
| Compact Fluorescent Bulb | 0 | 269 | 50.00 | \$0 | 32 | 8,608 | \$0.03 | \$266 | \$0 | so |  |  |
| Compact Fluorescent Bulb |  |  |  |  |  |  |  |  | 5780 | So | 5780 | \$48,728 |
| High - Efficency Heat Pump - Resistance Heat | 108 | 940 | \$147.45 | \$15.925 | 1,094 | 1,028,360 | \$0.03 | \$32,023 | \$1,863 | \$0 | \$1,863 | \$18,801 |
| - Non Resistance Heat | 64 | 894. | \$72.27 | \$4,625 | 442 |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 955,000 | \$0.03 | \$29.701 | \$5,623 | \$0 | \$5,623 | \$124,333 |
| High - Efficiency Heat Pump - Mobile Home | 173 | 764 | \$514.50 | 589,009 | 1,250 |  |  |  |  |  |  |  |
|  |  |  |  | 518.132 | 0 | 0 | n/a |  | so | \$907 | \$907 | \$19,039 |
| Mobile Home New Construction | 33 | 11. | \$549.45 | 518,132 |  |  |  | - |  |  |  |  |
|  |  |  |  | \$424.101 |  | 5,961,398 |  | 5185,525 | \$17,645 | \$8,685 | \$26,330 | 8635,956 |
| TOTAL RESIDENTIAL PROGRAMS | 999 | 6,090 |  |  |  | $==$ |  | = === | = $=\cdots$ |  | $\underline{=}=\underline{=-=}$ | $=\mathrm{F}=\underline{=}$ |
|  | $\ldots= \pm=\square= \pm=$ | ㅍ๙ニ= |  |  |  |  |  |  |  |  |  |  |
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| COMMERCIAL PROGRAMS |  |  |  |  |  |  |  |  | So | \$4760 | \$4,760 | \$99,963 |
| Smart Audit - Class 1 | 178 | 795 | \$534.85 | \$95,203 | 0 | 0 | n/a |  | so | \$1,260 | \$1,260 | \$26,460 |
| -Class 2 | 9 | 73 | \$2,800,00 | \$25,200 | - 2 | 710,400 | \$0.04 | \$30,085 | \$23,585 | \$0 | \$23,585 | \$108,157 |
| Smart Financing - Existing Building | 29 | 32 | \$1,878.86 | $\$ 54,487$ $\$ 7,646$ | 15,300 | 91,800 | - 50.04 | \$3,926 | \$144 | \$0 | \$144 | \$11,716 |
| Smart Financing - New Building | 5 | 5 - 6 | \$1,529.20 |  |  |  |  |  |  |  |  |  |
|  | 221 | 1906 |  | \$182,536 |  | 802,200 |  | \$34,011 | \$23,729 | 56,020 | 329,749 | \$246,296 |
| TOTAL COMMERCIAL PROGRAMS |  | ¢ $=$ = = = = = = |  | $= \pm= \pm===$ |  | $=\mathrm{=a=}$ |  | = $====$ | "m== | $=\mathrm{=}=\underline{=}$ | =- |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |
| INDUSTRIAL PROGRAMS- |  |  |  |  |  |  |  |  |  |  |  |  |
| (w/Est. Opt-Outs Removed) |  |  |  |  | 0 | 0 | 0 - $\mathrm{n} / \mathrm{a}$ |  | \$0 | \$128 | \$128 | \$2,685 |
| Smart Audit - Class 1 | 3 | 3 - 59 | \$852.33 | \$2,557 | 0 | 0 | 0 - n/a |  | \$0 | S0 | S0 | \$0 |
| Smart Audit - Class 2 | 0 | $0 \quad 4$ | $\$ 0.00$ $\$ 0.00$ | \$2,430 | 29,250 | 0 | 0 \$0.04 | 50 | \$383 | \$0 | \$383 | \$2,813 |
| Smart Financing - General |  | 1 - 0 | \$0.00 | \$2,430 | 82,400 | 0 | 0 \$0.04 | 50 | \$0 | so | So | 50 |
| Smart Financing - Compressed Air Systern |  |  | \$0.00 |  |  | - - - - - |  |  |  |  | \$511 | \$5,498 |
|  |  | $4{ }^{4} 63$ |  | \$4,987 |  |  | 0 | So | \$383 | S S 128 | \$511 |  |
| TOTAL INDUSTRIAL PROGRAMS | $\pm=$ = = $=$ = | = $=$ = = ==== |  | $=========$ |  | $\underline{=}=\mathrm{=}=$ |  | = $=$ | \%== =- | \$14.833 | \$56,590 | \$887,750 |
| TOTAL COMPANY | 1,224 | 4 7,059 |  | 5611,624 |  | 6,763,598 |  | $\underline{=19,536}$ | ², $===$ | $=\mathrm{F}=\mathrm{=}=$ | $= \pm=$ = | $===$ |
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| * Lost revenue and efficency incentives a | sed on prospective | values. |  |  |  |  |  |  |  |  |  |  |
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| KENTUCKY POWER COMPANY |  |  |  |  |  |  |  |  |  |  | PAGE 58 of 19 | 9 |
| ESTIMATED SECTOR SURCHARGES FOR 3 YEAR PROGRAM |  |  |  |  |  |  |  |  |  |  |  |  |
| － |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | TOTAL ESTIMATED | TOTAL ACT． | NET LOST | TOTAL | NET LOST | TOTAL NET＊ | EFFICIENCY | Maximizing |  | TOTALEST． |
| YEAR 4 （ 2nd HALF） | NEW | CUMULATIVE |  | PROGRAM | REVIHALF | ENERGY SAVINGS | REVENUE | LOST | INCENTIVE | INCENTIVE | TOTAL＊ | COSTS TO BE |
| PROGRAM DESCRIPTIONS | PARTICIPANT | PARTICIPANT | PROGRAM COSTS | Program | （KWH／PARTIC） | KWH／HALF | （\＄／KWH） | REVENUES | $\begin{aligned} & \text { (EX. G, } \\ & \text { PG.18B) } \end{aligned}$ | （ $5 \%$ of COSTS） | Incentive | RECOVERED |
|  | NUMBER | NUMBER＊＊ | $\frac{\text { PER PARTICIPANT }}{(3)}$ | （4） | （5） | （6） | （7） | （8） | （9） | （10） | （11） | （12） |
|  | （1） | （2） | （3） | （1）$\times$（ 3 ） |  | （2）$\times$（5） |  | （6）$\times$（7） |  | （4）$\times(5 \%)$ | （9）$+(10)$ | $(4)+(8)+(11)$ |
| RESIDENTIAL PROGRAMS |  |  |  |  |  | ， 93 | 50.03 | \＄55，423 | \＄0 | \＄0 | S0 | \＄56，395 |
| Energy Fithess | 0 | 2，519 | \＄0．00 | \＄8072 | 630 | 4441,000 | \＄0．03 | \＄13，720 | \＄0 | \＄4，035 | \＄4，035 | \＄98，457 |
| Eargeied Energy Efficiency－All Electric | 66 | 700 | \＄1，222．76 | \＄80，702 | 306 | 67，320 | \＄0．03 | \＄2，103 | \＄40 | So | \＄40 | \＄2，683 |
| －Non－All Electric | 8 | 220 | \＄67．50 | \＄540 |  |  |  |  |  |  |  |  |
| Compact Fluorescent Bulb | 0 | 123 | \＄0．00 | \＄0 | 31 | 3，813 | \＄0．03 | \＄118 | \＄0 | \＄0 | \＄0 | \＄118 |
|  | 0 |  |  |  |  |  |  |  |  |  | \＄6，187 | \＄66，015 |
| High－Efficlency Heat Pump－Resistance Heat－Non Resistance Heat | 140 | 810 | \＄211．14 | \＄29，560 | 1，200 | 972，000 | \＄0．03 | \＄30，268 | \＄0 | \＄0 | \＄0 | \＄8，260 |
|  | 0 | 593 | \＄0．00 | \＄0 | 447 | 265，071 | \＄0．03 | \＄8，260 |  |  |  |  |
|  |  |  |  |  |  | 1000,025 | \＄0．03 | \＄33，900 | \＄11，284 | \＄0 | \＄11，284 | \＄117，420 |
| High－Efficiency Heat Pump－Mobile Home | 134 | 739 | \＄539．07 | \＄72，236 | 1，475 | 1，00，025 |  |  |  |  |  |  |
|  |  |  | \＄581．42 | \＄71，515 | 1，755 | 343，980 | 50.03 | \＄10，698 | \＄5，464 | So | \＄5，464 | \＄87，677 |
| Mobile Home New Construction＊＊＊ | 123 | 1 |  |  |  |  |  |  |  |  |  | \＄437025 |
| TOTAL RESIDENTIAL PROGRAMS | 471 | 5，900 |  | \＄255，525 |  | 4，964，142 |  | \＄154，490 | \＄22，975 | $\underline{=}$ | $===$ | $\stackrel{\$ 437,025}{=}=$ |
|  | $= \pm= \pm= \pm===$ |  |  |  |  | ＝＝＝－＝－ |  | － | － |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |
| COMMERCIALPROGRAMS |  |  | 5356.11 | \＄66，948 | 0 | 0 | n／a |  | \＄0 | \＄3，347 | \＄3，347 | \＄70，295 |
|  | 188 | 1，129 | \＄2，705．00 | \＄56，805 | 0 | － 0 | n／a |  | \＄0 | \＄2，840 | \＄2，840 | \＄599，645 |
| $\text { - Class } 2$ <br> Smart Financing－Existing Building Smart Financeing－New Building | 21 | 66 | \＄2，726．04 | \＄68，151 | 13，282 | 876，612 | \＄0．04 | \＄37，125 | \＄5，814 | 80 | \＄2，099 | \＄111，090 |
|  | 25 | 13 | －$\quad$ \＄3，087．00 | \＄24，696 | 14，101 | 183，313 | － 90.04 | \＄7，840 | \＄2，099 | \＄0 |  |  |
|  |  | $\square$ |  |  |  |  |  |  | \＄7913 | 56，187 | \＄14，100 | \＄275，665 |
| Smart Financing－New Building | 242 | 1，311 |  | \＄216，600 |  | $\stackrel{1,059,925}{=}$ |  | $\stackrel{\text { ¢ }}{=}$ | $=$＝＝＝＝ | ＝＝＝＝＝ |  | $=\mathrm{=}==\mathrm{=}$ |
|  | \＃\＃\＃＝＝＝ | \＃ニッロ＝＝ |  |  |  |  |  |  |  |  |  |  |
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| INDUSTRIAL PROGRAMS－ |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| （w／Est．Opt－Outs Removed） |  | 57 | 7 \＄0．00 | S0 | 0 | 0 | a）n／a |  | 90 | \＄0 | 50 | $\stackrel{90}{\$ 0}$ |
| Smart Audit－Class 1 | 0 | $0-4$ | $4 \longrightarrow \$$ | \＄0 | 0 | 0 | 0 n／a |  | \＄0 | 50 | So | \＄0 |
| Smart Audit－Class 2 | 0 | 1 | 1 － 90.00 | \＄0 | 0 | 0 | 0.80 .04 | S0 | \＄0 | So | \＄0 | \＄0 |
| Smart Financing－General | 0 | 0 | $0 \quad$ \＄0．00 | \＄0 | 0 | 0 | 0 ．\＄0．04 | SO | \＄0 |  |  |  |
| Smart Financing－Compressed AIr Syslem |  | $\square-$ |  | $\square-$ |  | －－－－ |  | \＄0 | \＄0 | So | \＄0 | \＄0 |
|  | 0 | $0 \quad 62$ | 2 | \＄0 |  | $=\mathrm{=}===$ |  | $=\mathrm{m}=\mathrm{=a}$ | ＝$====$ | ＝$===$ | $= \pm= \pm=$ | $=====$ |
|  | $= \pm=== \pm=$ |  |  | $=-\frac{1}{\$ 472.125}$ |  | 6，024，067 |  | \＄199，455 | \＄30，888 | \＄10，222 | \＄41，110 | \＄712，690 |
| TOTAL COMPANY | ＝ 713 |  |  | $== \pm==$ |  | $== \pm==$ |  | $=$＝＝＝＝ | $=$＝$=$＝$=$ | $\underline{=5=3}=$ | $= \pm=$＝$=$ | $\underline{=}=\underline{=}=$ |
|  | mas＝＝－＝ |  |  |  |  |  |  |  |  |  |  |  |
| ＊Lost revenue and efficiency incentives are based on prospective values． |  |  |  |  |  |  |  |  |  |  |  |  |
| ＊＊Cumulative participants include a reduction for the cumulative participants as of 12／31／96． |  |  |  |  |  |  |  |  |  |  |  |  |
| $\cdots$ Participants since 09／01／98． |  |  |  |  |  |  |  |  |  |  |  |  |
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| Year 2001 |  |  |  |  |  |  |  |  |  |  |  |  |
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| －Year 2001 |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  | Extibit C |  |
| KENTUCKY POWER COMPANY ESTMATED SECTOR SURCHARGES FOR 3 YEAR PROGRAM |  |  |  |  |  |  |  |  |  |  | PAGE TAOITig |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | NET LOST | TOTAL N | NET LOST | TOTAL NET＊ | EFFICIENCY | MAXIMIZING | TOTAL＊ | TOTALEST． |
|  | NEW | CUMULATIVE TO | TOTAL ESTIMATED | TOTALACT． | REVIQTR | ENERGY SAVINGS | REVENUE | LOST | INCENTIVE | INCENTIVE | TOTAL | COSTS TOBE |
| YEAR 6 （1st Mall | PARTICIPANT | PARTICIPANT P | PROGRAM COSTS | program |  |  | （S／KWH） | REVENUES | $\begin{gathered} \left(E X . C_{2}\right. \\ \text { PG. 18B) } \end{gathered}$ | （5\％of COSTS） | INCENTIVE | RECOVERED |
|  | NUMBER | NUMBER＊${ }^{\text {P }}$ P | PER PARTICIPANT | $\frac{\operatorname{costs}}{4}$（k） | $\frac{\text {（KWHIPARTIC）}}{\text {（5）}}$ | KWH／GALF | （7） | （8） | （9） | $\frac{(10)}{(4) \times(5 \%)}$ | $\frac{(11)}{(9)+(10)}$ | $\frac{(1+2)}{(4)+(8)+(11)}$ |
| PROGRAMDESCRIPTIONS | （1） | （2） | （3） | $-\frac{(4)}{(1) \times(3)}$ | I） | （2）$\times(5)$ |  | （61）${ }^{\text {（7）}}$ |  | （4）$\times(5 \%)$ |  |  |
|  |  |  |  |  |  |  |  | 522970 | \＄0 | so | So | \＄22，970 |
| RESIDENTIAL PROGRAMS <br> Energy Fithess | 0 | 1.044 | \＄0．00 | 90 | 07 | 738，108 | 50．03112 | \＄10，486 | \＄0 | \＄3，959 | \＄3，959 | \＄93，615 |
|  | 62 | 535 | \＄1，276．94 | \＄79，170 | 30 | 337，052 | \＄0．03124 | 81，310 | 590 | SO | \＄90 | \＄2，982 |
| Targeted Energy Efficiency－All Electric | 18 | 137 | \＄87．89 | \＄1，582 | 306 | 4.922 |  |  |  |  |  |  |
|  |  |  |  | 50 | 0 | 0 | \＄0．00000 | So | So | So | S | so |
| Compact Fluorescent Bulb | 0 | 0 | \＄0．00 | $\$ 0$ |  |  |  |  |  | S0 | \＄1，016 | 522，007 |
|  |  | 438 | \＄201．04 | \＄4，624 | 1200 | 525，600 | \＄0．03114 | \＄16，367 | $\begin{array}{r}\text { \＄1，} \\ \hline 10\end{array}$ | S0 | 80 | $\frac{51,128}{}$ |
| High－Efficiency Heat Pump－Resistance Heat－Non Resistance Heat | 2 | 81 | \＄0．00 | so | 447 | 36，207 | \＄0．03116 | 51，128 |  |  |  |  |
|  | 0 |  |  |  |  | 823,050 | \＄0．03110 | \＄25，597 | \＄4，463 | So | \＄4，463 | \＄55，084 |
| High－Efficency Heat Pump－Mobile Home | 53 | 558 | \＄472．15 | \＄25，024 | 1475 |  |  |  |  | 50 | \＄3，687 | 574，896 |
|  | 83 | 488 | \＄537．04 | \＄44，574 | 1755 | 856，440 | \＄0．03110 | \＄26，635 |  |  |  |  |
| Mobile Home New Construction | 83 |  |  |  |  | 3，358，377 |  | \＄104，493 | 59，256 | \＄3，959 | \＄13，215 | $\stackrel{\text { \＄272．582 }}{=}$ |
| TOTAL RESIDENTIAL PROGRAMS | 239 | 3，281 |  | \＄154，974 |  | $====$ |  | $\cdots$ | $=$ | ＝＝＝＝ | － |  |
|  |  | $= \pm= \pm= \pm=$ |  | － |  |  |  |  |  |  |  |  |
| －－－－－－－－－－－－ |  |  |  |  |  |  |  |  |  |  |  |  |
| COMMERCIAL PROGRAMS－－ |  |  | \＄321．82 | §43，124 | 0 | 0 | 3／a | 50 | 50 | $\frac{52,156}{\$ 2114}$ | \＄2，156 | \＄$\$ 44,280$ |
| $\frac{\text { Smart Aucit－Class } 1}{- \text { Class } 2}$ | 134 | 1.017 | \＄1，510．00 | \＄42，280 | 0 | $\bigcirc$ | 0 n／a | $\begin{array}{r}\text { S0 } \\ \hline 62999\end{array}$ | 53， 58 | $\begin{array}{r}32,14 \\ \hline\end{array}$ | \＄3．488 | \＄101，122 |
|  | $\underline{15}$ | 112 | \＄2，309．00 | \＄34，635 | 13,282 | 1，487，584 | ｜ 50.04235 | \＄62，999 | \＄2，099 | S0 | \＄2，099 | \＄49，305 |
| Smar Financing－Exsting Building | 8 | $3-\quad 25$ | \＄4，016．13 | \＄32，129 | 14.101 | 352，525 | － 0.0427 |  |  |  |  |  |
|  |  | －- |  | 8152，168 |  | 1，840，109 |  | 578，076 | \＄5．587 | $\underline{\$ 4,270}$ | $\underline{\$ 9,851}$ | S240， 101 $===$ |
| TOTALCOMMERCIAL PROGRAMS | $\square=$ | $5-1.259$ |  | $⿳ 亠 丷 厂$ |  | $=\square=$ |  | ＝＝＝＝$=$ | ＝ame＝ |  |  | $= \pm=$ |
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| $\frac{\text { INDUSTRIAL PROGRAMS－}}{\text {（wIESt．OpI－OUIS Removed）}}$ |  |  |  |  |  |  |  |  |  | s0 | 50 | So |
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| Smart Audit－Class 1 |  | 0 － 0 | 0 － 80.00 | \＄0 |  | 0 －——o | 0 | 80 | 50 | 80 | so | 50 |
| Smart Audit－Class 2 |  | $0-0$ | $0-\$ 0.00$ | so |  | 0 | 0） 50.000000 | S0 | \＄0 | so | 50 | $\$ 0$ |
| Smart Financing－Generat |  | 0 － 0 | O）－$\$ 0.00$ | So |  | $\underline{-}$ |  |  |  | －－－ |  | 80 |
|  | $\square-$ | $\longrightarrow$ |  | 80 |  |  | 0 | \＄0 | S0 | － | $= \pm=$ |  |
| TOTAL INDUSTRIAL PROGRAMS |  | $=\square====$ |  | $=\overline{=}==\underline{=}==$ |  | $\overline{=}=\underline{=a}$ |  | S182， $56=$ | S14，843 | ¢8，229 | 523，072 | －$\quad$－ 512.783 |
|  |  | 4 －$=-=-2$ |  | \＄307， 142 |  | 5，198，486 |  | $\underline{\square}$ | $\stackrel{=0}{=}$ | $\square \square= \pm=$ | $=\mathrm{E}==$ | $\square-\square=5=$ |
| TOTAL COMPANY |  | $=1=\square====0$ |  | $\pm=\leq= \pm=\square$ |  | $\pm=-$ |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ＊－Lost revenue and efficiency incentives are based on prospective values． |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ＊＊＊Cumulative participants include a reduction |  |  |  |  |  |  |  |  |  |  |  |  |
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| Year 2002 |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  | Exhibit C |  |
| KENTUCKY POWER COMPANY |  |  |  |  |  |  |  |  |  |  |  |  |
| ESTMATED SECTOR SURCHARGES |  |  |  |  |  |  |  |  |  |  | PAGE 8A of | 19 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | TOTAL | TOTAL |  |  | NET | TOTAL |  |  |  | TOTAL ACTUAL |
| YEAR 7 ( 1 st Hali) | NEW | cumulative | ESTIMATED | ACTUAL | NET LOST | TOTAL |  |  | EFFICIENCY | MAXIMIZING |  |  |
|  | PARTICIPANT | PARTICIPANT | PROGRAM COSTS | PROGRAM | REVIHALF | SAVINGS | revenue | LOST | incentive | INCENTIVE | total* | COSTS TO BE |
|  | Parmipa | number ** | Per | costs |  |  |  | REVENUES | $\begin{aligned} & \text { (EX. C, } \\ & \text { PG. } 18 \mathrm{~B}) \end{aligned}$ | (5\% of COSTS) | INCENTVE | RECOVERED |
| PROGRAM DESCRIPTIONS | NUMBER | NUMBER ** | PARTIIIPANT | COSTS | (KWHIPARTIC) | KWH/MALF | ${ }_{\text {(SK) }}^{(7)}$ |  | (9) | ${ }_{(10)}$ |  | (12) |
|  | (1) | (2) | (3) | $\frac{(4)}{(1) \times(3)}$ | (5) | $\frac{(2) \times(5)}{}$ | ( | (6) $\times$ (7) |  | (4) $\times(5 \%)$ | (9)+(10) | (4) $+(8)+(11)$ |
| RESIDENTIAL PROGRAMS |  |  |  |  |  |  |  |  |  |  |  |  |
| Energy Fitness | , | 116 | \$0.00 | \$0 | 707 | $\frac{82,012}{454376}$ | $\frac{\$ 0.03112}{80.03111}$ | \$2,552 $\$ 14.136$ | \$0 | $\begin{array}{r}\text { ¢0 } \\ \hline 55,520\end{array}$ | \$5.520 | \$130,507 |
| Targeted Energy Efficiency - - ill Electric | 63 | 442 | \$1,752.40 | $\frac{\$ 110,401}{\$ 2,095}$ | ${ }^{1} 1.028$ | ${ }_{4}^{454,3565}$ | ${ }_{\text {\$0.03124 }}$ | \$1,328 | \$137 | \$0 | \$137 | \$3,560 |
| - Non-All Electric | 32 | 135 | \$65.47 | \$2.095 |  | 4,525 | \$0.05124 |  |  |  |  |  |
|  | 0 | 0 | \$0.00 | \$0 | 0 |  | \$0.00000 | \$0 | \$0 | so | 50 | \$0 |
| Compact F-uorescent Buib |  |  |  |  |  |  |  |  |  |  |  |  |
| High - Efficiency Heat Pump - Resistance Heat |  | 314 | \$1,152.00 | \$1,152 | 1,200 | 376.800 | \$0.03114 | \$11,734 | \$44 | \$0 | \$44 | \$12,930 |
| - Non Resistance Heat | 0 | 0 | \$0.00 | 50 | 447 |  | \$0.03116 | \$0 | so | \$0 |  |  |
|  |  |  |  |  |  | 473.616 | \$0,03110 | \$14,729 | \$1,244 | \$0 | \$1,244 | \$42,623 |
| High - Efficiency Heat Pump - Ma | 43 | 414 | \$619.77 | \$26,650 | 1,144 |  |  |  |  |  |  |  |
|  | 57 | 568 | \$641.77 | \$36,581 | 1.809 | 1,027,512 | \$0.03110 | \$31,956 | \$231 | 50 | \$231 | \$68,768 |
| Mobile Home New Construction |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL RESIDENTIAL PROGRAMS | 196 | 1,989 |  | \$176,879 |  | 2,456,841 |  | \$76,435 | \$1,656 | \$5,520 | \$7,176 | \$260,490 |
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| COMMERCIAL PROGRAMS |  |  |  |  |  |  |  |  |  |  |  |  |
| Smart Audit - Class 1 | 125 | 923 | \$432.92 | \$54,115 | 0 |  | n/a | ${ }_{50} 80$ | \$0 | $\frac{52,180}{\$ 1,484}$ | \$1,484 | \$31,172 |
| - Class 2 |  | $\frac{104}{101}$ | $\$ 3,711.00$ <br> $\$ 2.552 .71$ | $\$ 29,688$ $\$ 17,899$ | 13,282 | 1,341,482 | \$0.04235 | \$56,812 | \$1,628 | \$0 | \$1,628 | \$76,309 |
| Smart Financing - Existing Building | $\frac{7}{5}$ | ${ }_{42}$ |  | 56,973 | 14,101 | -592,442 | \$0.04277 | \$25,330 | \$1,312 | 50 | \$1,312 | \$33,615 |
|  |  |  |  | \$108,645 |  | 1,933.724 |  | \$82,142 | \$2,940 | \$4,190 | \$7,130 | \$197,917 |
| TOTAL COMMERCIAL PROGRAMS | 145 | 1.170 |  | \$ $=====$ |  | , $=====$ |  | = = = =e= | = $=$ = $=$ | $=== \pm=$ | $= \pm= \pm==$ | $= \pm=$ |
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| INDUSTRIAL PROGRAMS. |  |  |  |  |  |  |  |  |  |  |  |  |
| (w/Est. Opt-Outs Removed) |  |  |  |  |  |  |  |  | \$0 | so | S0 | 50 |
| Smart Audit - Class 1 |  |  | \$80.00 | ${ }_{50} 80$ |  |  | n/a |  | \$0 | so | so | so |
| Smart Audit - Class 2 |  |  |  |  |  |  | \$0.00000 | \$0 | \$0 | \$0 | so |  |
| Smart Financing - General |  |  | \$0.00 <br> 80 | s0 | 0 |  | \$0.00000 | \$0 | so | \$0 | so | so |
| Smart -inancing - Compressed Ar Sysem | $\square$ | , |  |  |  |  |  | $\bigcirc$ |  | 0 | ¢0 | \$0 |
| TOTALINDUSTRIAL PROGRAMS |  |  |  |  |  |  |  |  | = $== \pm= \pm$ | $==\underline{=E=}$ | = $== \pm=$ en | - = = = =eze |
| TOTAL COMPANY | $=\begin{gathered}\text { a } \\ 341\end{gathered}$ | - $=====3$ |  | \$285,524 |  | 4,390,565 |  | \$158,577 | \$4,596 | \$9,710 | \$14,306 | - $\$ 458,407$ |
| T0ALCOMPA | = ==e== | - $== \pm==3$ |  | = ===e== |  | = $=$ = $=$ = |  | $= \pm====$ | = = = = = $=$ | = $=$ = $=$ = | = $===$ | - $====$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| ** Lost revenue and efficiency incentives an | sec on prospective | evaricipants as of | 06/301999. |  |  |  |  |  |  |  |  |  |
| ** Participants since 01/01/1999. | 11 |  |  |  |  |  |  |  |  |  |  |  |


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| Year 2003 |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  | Exhibit C |  |
| KENTUCKY POWER COMPANY |  |  |  |  |  |  |  |  |  |  |  |  |
| ESTIMATED SECTOR SURCHARGES FOR 3 |  |  |  |  |  |  |  |  |  |  | PAGE | 19 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| YEAR 8 (1st HALF) | NEW | CUMULATIVE | TOTAL ESTIMATED | TOTAL ACTUAL | NET LOST | TOTAL | $\begin{aligned} & \text { NET } \\ & \text { LOST } \end{aligned}$ | TOTAL NET * | EFFICIENCY | MAXIMIZING |  | TOTAL ACTUAL |
| YEAR O (ISt HALF) | PARTICIPANT | PARTICIPANT | $\begin{gathered} \text { PROGRAM } \\ \text { COSTS } \end{gathered}$ | PROGRAM | REV/HALF | ENERGY SAVINGS | REVENUE | LOST | INCENTIVE | INCENTIVE | TOTAL* | COSTS TO BE |
| PROGRAM DESCRIPTIONS | NUMBER | NUMBER ** | PER PARTICIPANT | COSTS | (KWH) PARTICIPANT) | KWH/HALF | (\$/KWH) | REVENUES | $\begin{gathered} \text { (EX.C. } \\ \text { PG.18B) } \\ \hline \end{gathered}$ | $\begin{gathered} (5 \% \text { of } \\ \text { COSTS }) \end{gathered}$ | INCENTIVE | RECOVERED |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
|  |  |  |  | (1) X (3) |  | (2) $\times$ (5) |  | (6) $\times$ ( 7 ) |  | (4) $\times$ ( $5 \%$ ) | $(9)+(10)$ | (4) $+(8)+(11)$ |
| RESIDENTIAL PROGRAMS |  |  |  |  |  |  |  |  |  |  |  |  |
| Energy Filness | 0 | 0 | \$0.00 | \$0 | 707 | 0 | \$0.03112 | \$0 | \$0 | \$0 | \$0 | \$0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Targeted Energy Efficiency |  |  |  |  |  |  |  |  |  |  |  |  |
| - All Electric | 100 | 467 | \$849.84 | \$84,984 | 1,028 | 480,076 | \$0.03111 | \$14,935 | \$0 | \$4.249 | \$4,249 | $\frac{\$ 104,168}{\$ 2,066}$ |
| - Non-All Electric | 7 | 151 | \$79.29 | \$555 | 314 | 47,414 | \$0.03124 | \$1,481 | \$30 | \$0 | \$30 | \$2,066 |
|  |  |  |  |  |  |  |  |  | \$0 | \$0 | \$0 | \$0 |
| Compact Fluorescent Bulb | 0 | 0 | \$0.00 |  | 0 | 0 | \$0.00000 | \$0 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| High - Efficiency Heat Pump |  |  |  |  |  |  |  |  |  |  |  |  |
| - Resistance Heat | 0 | 94 | \$0.00 | \$0 | 1,200 | 112,800 | \$0.03114 | \$3,513 | \$0 | \$0 | 90 | \$3,513 |
| - Non Resistance Heat | 0 | 0 | \$0.00 | \$0 | 447 | 0 | \$0.03116 | \$0 | \$0 | \$0 | \$0 | \$0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| High - Efficiency Heat Pump |  |  |  |  |  |  |  |  |  |  |  |  |
| - Mobile Home | 34 | 268 | \$379.41 | \$12,900 | 1,144 | 306,592 | \$0.03110 | \$9,535 | \$983 | \$0 | \$983 | \$23,418 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mobile Home New Construction *** |  |  |  |  |  |  |  |  |  |  |  |  |
| - Heat Pump | 46 | 460 | \$482.61 | \$22,200 | 1.808 | 831.680 | \$0.03110 | \$25,865 | \$187 | \$0 | \$187 | \$48,252 |
| - Air Conditioner | 0 | 0 | \$0.00 | \$0 | 157 | 0 | \$0.03124 | \$0 | \$0 | \$0 | \$0 | \$0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Modified Energy Fitness | 101 | 23 | \$142.72 | \$14,415 | 1,194 | 27,462 | \$0.03116 | \$856 | \$2,127 | \$0 | \$2,127 | \$17,398 |
|  | $\cdots$ | $-\square$ |  |  |  |  |  |  |  | - | - 7 , 570 |  |
| TOTAL RESIDENTIAL PROGRAMS | 288 | 1.463 |  | \$135,054 |  | 1,806,024 |  | \$56,185 | \$3,327 | \$4,249 | \$7,576 | \$198,815 |
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| COMMERCIAL PROGRAMS |  |  |  |  |  |  |  |  |  |  |  |  |
| Smart Audit - Class 1 | 0 | 620 | \$0.00 | \$0 | 0 | 0 | n/a | \$0 | \$0 | S0 | \$0 | \$0 |
| -Class 2 | 0 | 73 | $\$ 0.00$ | \$0 | 0 | 0 | n/a | \$0 | \$0 | \$0 | \$0 | \$0 |
| Smart Financing - Existing Building | 0 | 110 | \$0.00 | \$0 | 13,282 | 1,461,020 | \$0.04235 | \$61,874 | \$0 | \$0 | \$0 | \$61,874 |
| Smart Financing - New Bulding | 0 | 49 | \$0.00 | $\$ 0$ | 14,101 | 690.949 | \$0.04277 | \$29,552 | \$0 | \$0 | \$0 | \$29,552 |
|  | --- | - - - - - ---- |  | $\cdots$ |  |  |  |  | $\cdots$ | 50 | 80 |  |
| TOTAL COMMERCIAL PROGRAMS | 0 | 852 |  | \$0 |  | 2,151,969 |  | \$91,426 | \$0 | \$0 | \$0 | \$91,426 |
|  | ======== | $= \pm=ニ==\sim=$ |  | $\cdots= \pm====$ |  | = ====== |  | $= \pm== \pm=3$ | $= \pm= \pm==$ | ======== | ==\#\#=== | ======\% |
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| INDUSTRIAL PROGRAMS - |  |  |  |  |  |  |  |  |  |  |  |  |
| (w/Est. Opt-Outs Removed) |  |  |  |  |  |  |  |  |  |  |  |  |
| Smart Audit - Class 1 | 0 | 0 | \$0.00 | \$0 | 0 | 0 | n/a |  | \$0 | \$0 | 90 | S0 |
| Smart Audit - Class 2 | 0 | 0 | \$0.00 | \$0 | 0 | 0 | n/a |  | \$0 | \$0 | 90 | \$0 |
| Smart Financing - General | 0 | 0 | \$0.00 | \$0 | 0 | 0 | \$0.00000 | $\$ 0$ | \$0 | \$0 | \$0 | \$0 |
| Smart Financing - Compressed Air System | 0 | 0 | \$0.00 | \$0 | 0 | 0 | \$0.00000 | $\$ 0$ | \$0 | 80 | \$0 | \$0 |
|  | -------- | -------- |  | $--$ |  | ----------- |  | - | -- | $\cdots$ | $\cdots$ | $\square$ |
| TOTAL INDUSTRIAL PROGRAMS | 0 | 0 |  | \$0 |  | 0 |  | \$0 | \$0 | \$0 | \$0 | $\$ 0$ |
|  | =-==== $=$ | ======= |  | ==ニ===: |  | $\underline{=\sim= \pm=}=$ |  | \#\#\#==== | $= \pm=====$ | = = = =a=a= | = = = = = = = | $=======$ |
| TOTAL COMPANY | 288 | 2,315 |  | \$135,054 |  | 3,957,993 |  | \$147,611 | \$3,327 | \$4,249 | \$7,576 | \$290,241 |
|  | = ====== | ======= |  | ===:==:= |  | = $======$ |  | = ====== | = = = = = = = | = = = = = = $=$ | ====:= = $=$ | $=======$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| * Lost revenue and efficiency incentives ar | based on prospecti | ive values. |  |  |  |  |  |  |  |  |  |  |
| ** Cumulative participants include a reductio | for the cumulative | participants as of | 06/30/2000. |  |  |  |  |  |  |  |  |  |
| *** Participants since 01/01/2000. |  |  |  |  |  |  |  |  |  |  |  |  |




| Year 2004 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| KENTUCKY POWER COMPANY |  |  |  |  |  |  |  |  |  |  | Exhibit C |  |
| ESTIMATED SECTOR SURCHARGES FOR 3 |  |  |  |  |  |  |  |  |  |  | PAGE 10B of | 19 |
| YEAR PROGRAM |  |  |  |  |  |  |  |  |  |  | PAGE 10B d |  |
|  |  |  | TOTAL | TOTAL |  |  | NET | TOTAL NET * | EFFICIENCY | MAXIMIZING |  | TOTAL ACTUAL |
| YEAR 9 (2nd HALF) | NEW | CUMULATIVE | ESTIMATED | ACTUAL | NET LOST |  |  |  |  |  |  |  |
| Y-AR (2nd HALF) | PARTICIPANT | PARTICIPANT | $\begin{aligned} & \text { PROGRAM } \\ & \text { COSTS } \end{aligned}$ | PROGRAM | REV/QTR | ENERGY SAVINGS | REVENUE | LOST | INCENTIVE | INCENTIVE | TOTAL * | COSTS TO BE |
| PROGRAM DESCRIPTIONS | NUMBER | NUMBER ** | $\begin{gathered} \text { PER } \\ \text { PARTICIPANT } \end{gathered}$ | COSTS | (KWH/PARTIC) | KWH/ HALF | (\$/KWH) | REVENUES | $\begin{aligned} & \text { (EX. C, } \\ & \text { PG.18B) } \end{aligned}$ | $\begin{gathered} (5 \% \text { of } \\ \text { COSTS) } \\ \hline \end{gathered}$ | INCENTIVE | RECOVERED |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
|  |  |  |  | (1) $\times$ (3) |  | (2) $\times$ ( 5 ) |  | (6) $\times$ (7) |  | (4) $\times(5 \%)$ | (9) $+(10)$ | $(4)+(8)+(11)$ |
| RESIDENTIAL PROGRAMS |  |  |  |  |  |  |  |  |  |  |  |  |
| Energy Fitness | 0 | 0 | \$0.00 | \$0 | 708 | 0 | \$0.03112 | \$0 | \$0 | $\$ 0$ | $\$ 0$ | \$0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Targeted Energy Efficiency |  |  |  |  |  |  |  |  |  | \$4.977 | \$4,977 | \$119,292 |
| - All Electric | 89 | 462 | \$1.118.43 | \$99,540 | 1.028 | 474,936 | \$0.03171 | \$14,775 |  | \$4,977 | \$4,975 | \$6,695 |
| - Non-All Electric | 72 | 205 | \$60.60 | \$4,363 | 316 | 64,780 | \$0.03124 | \$2,024 | \$308 | \$0 |  |  |
|  |  |  |  | \$0 | 0 | 0 | \$0.00000 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Compact Fluorescent Bulb | 0 | 0 | \$0.00 | $\$ 0$ | 0 | 0 | \$0.0000 | 9 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| High - Efficiency Heat Pump |  |  |  |  |  |  |  |  | \$0 | \$0 | \$0 | \$561 |
| - Resistance Heat | 0 | 15 | \$0.00 | \$0 | 1.200 | 18,000 | \$0.03116 | \$0 | \$0 | \$0 | \$0 | 80 |
| - Non Resistance Heat | 0 | 0 | \$0.00 | \$0 | 446 | 0 | \$0.03116 | \$0 | 9 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| High - Efficiency Heat Pump |  |  |  |  |  |  |  |  |  |  |  | \$31,433 |
| - Mobile Home | 46 | 239. | \$469.57 | \$21,600 | 1,144 | 273,416 | \$0.03110 | \$8,503 | \$1,330 | \$0 | \$1,330 | 931,433 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mobile Home New Construction *** |  |  |  |  |  |  |  |  |  |  |  |  |
| - Heat Pump | 70 | 379 | S597.14 | \$41,800 | 1,810 | 685,990 | \$0.03110 | \$21,334 | \$284 | $\$ 0$ | \$280 | \$8,410 |
| - Air Conditioner | 0 | 2 | \#DIV/0! | So | 158 | 316 | \$0.03124 | \$10 | \$0 | \$0 | $\$ 0$ | $\$ 10$ |
|  |  |  |  |  |  |  |  | \$39,809 | \$8,234 | \$0 | \$8,234 | \$183,799 |
| Modified Energy Fitness | 391 | 1,070 | \$347.20 | \$135,756 | 1,194 | 1,277,580 | \$0.03116 | \$39,809 |  |  |  |  |
|  |  |  |  |  |  |  |  | \$87,016 | \$10,156 | \$4,977 | \$15,133 | \$405,208 |
| TOTAL RESIDENTIAL PROGRAMS | 668 | 2,372 |  | \$303,059 |  | $\underline{2,195,018}$ |  | ======= | $= \pm=====$ | = $=$ ¢ $=-=$ | $======$ | $=======$ |
|  | $=======$ | = =mas== |  | ==ニ=:==- |  | $=======$ |  | -- | - | - | - |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| COMMERCIAL PROGRAMS |  |  |  |  |  |  |  |  |  |  |  |  |
| Smart Audit - Class 1 | 0 | 191 | \$0.00 | \$0 | 0 | 0 | n/a | \$0 | \$0 | \$0 | \$0 | \$0 |
| - Class 2 | 0 | 10 | \$0.00 | \$0 | 0 | 0 | n/a | $\$ 0$ | \$0 | S0 | \$0 | \$23062 |
| Smart Financing - Existing Building | 0 | 41 | \$0.00 | \$0 | 13,282 | 544,562 | \$0.04235 | \$23,062 | $\$ 0$ | \$0 | \$0 | \$23,062 |
| Smart Financing - New Building | 0 | 30 | \$0.00 | \$0 | 14,102 | 423,060 | \$0.04277 | \$18,094 | $\$ 0$ | \$0 | $\$ 0$ | \$18,094 |
|  | $\cdots$ | -- |  | $\underline{-}$ |  |  |  |  | $\cdots$ | $\cdots$ | 80 | 541,156 |
| TOTAL COMMERCIAL PROGRAMS | 0 | 272 |  | \$0 |  | 967,622 |  | \$41,156 | $\underline{\text { a }}$ \$ $=====$ | = $= \pm \pm= \pm$ | $= \pm=====$ | $= \pm=====$ |
|  | $==== \pm==$ | ==\#\#=== |  | = ====== |  | = ==x=== |  | =:=a=== | ===\#\#=== | =-x== =a= | $= \pm= \pm= \pm=$ | -x=-2. |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| INDUSTRIAL PROGRAMS - |  |  |  |  |  |  |  |  |  |  |  |  |
| (w/Est. Opt-Outs Removed) |  |  |  |  |  |  |  |  |  |  |  |  |
| Smart Audit - Class 1 | 0 | 0 | \$0.00 | 80 | 0 | 0 | n/a | \$0 | \$0 | \$0 | \$0 | S0 |
| Smart Audit - Class 2 | 0 | 0 | 50.00 | \$0 | 0 | 0 | n/a | \$0 | \$0 | \$0 | \$0 | So |
| Smart Financing - General | 0 | 0 | \$0.00 | \$0 | 0 | 0 | \$0.00000 | S0 | \$0 | \$0 | \$0 | \$0 |
| Smart Financing - Compressed Air System | 0 | 0 | \$0.00 | \$0 | 0 | 0 | \$0.00000 | \$0 | \$0 | \$0 | \$0 | \$0 |
|  |  |  |  | - |  | - |  | $\cdots$ | $\cdots$ | $\cdots$ | $\cdots$ | - - - ---3-30 |
| TOTAL INDUSTRIAL PROGRAMS | 0 | 0 |  | \$0 |  | 0 |  | \$0 | 50 | \$0 | \$0 | \$0 |
|  | ======:= | ==:==== |  | =-===-= |  | - = = = == = |  | = = = = = = | = = = = = = | = =====- | - =a=e=\% | = = = = = |
| TOTAL COMPANY | 668 | 2,644 |  | \$303,059 |  | 3,762,640 |  | \$128,172 | \$10,156 | \$4,977 | \$15,133 | \$446,364 |
|  | $=======$ | ==s===== |  | = $=$ = $===$ |  | ====== $=$ |  | $= \pm====$ | $= \pm= \pm===$ | ==a=:== | ======= | ===こ=== |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| * Lost revenue and efficiency incentives ar | based on prospectiv | evalues. |  |  |  |  |  |  |  |  |  |  |
| ** Cumulative participants include a reductio | for the cumulative p | participants as of | 12/31/2001. |  |  |  |  |  |  |  |  |  |
| *** Participants since 07/01/2001. | 11 |  |  |  |  |  |  |  |  |  |  |  |



| Year 2005 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| KENTUCKY POWER COMPANY |  |  |  |  |  |  |  |  |  |  |  |  |
| ESTIMATED SECTOR SURCHARGES FOR 3 YEAR PROGRAM |  |  |  |  |  |  |  |  |  |  | ${ }_{118}$ | 19 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| YEAR 10 (2nd HALF) | NEW | cumulative | ${ }_{\text {ESTIMATED }}^{\text {TITAL }}$ | TOTAL <br> actual | net Lost |  | $\begin{aligned} & \text { NETT } \\ & \text { Lost } \end{aligned}$ | ${ }_{\text {TOTAL }}^{\text {T/ }}$ | EFFFICIENCY | IAxIMIZING |  | ${ }_{\text {ACTUAL }}^{\text {TOTAL }}$ |
|  | PARTICIPANT | participant | program costs | program | REVIOTRS | ENERGY SAVINGS | Revenue | LOST | InCENTIVE | INCENTVE | TOTAL* | COSTS TO EE |
| PROGRAM DESCRIPTIONS |  | NUMBER ${ }^{\text {* }}$ | $\begin{gathered} \text { PER } \\ \text { PARTICIPANT } \end{gathered}$ |  | $\begin{gathered} (\mathrm{KWH} / \\ \text { PARTIGIPANT) } \\ \hline \end{gathered}$ | $\underset{\text { KMAL }}{\text { HALF }}$ | (skWH) | revenues | $\begin{aligned} & (\text { EX. C. } \\ & \text { PG. } 18 \mathrm{~B}) \end{aligned}$ | $\begin{gathered} (5 \% \text { of } \\ \text { COSTS) } \end{gathered}$ | incentive | RECOVERED |
| Procram descriptions | (1) |  | (3) |  | (5) | (6) | (7) |  |  |  | (11) | (12) |
|  |  |  |  | (1) $\times$ (3) |  | (2) $\times(5)$ |  | (6) $\times 7$ ) |  | (4) $\times(5 \%)$ | (9)+(10) | (4)+(8)+(1) |
| RESIDENTILL PROGRAMS. |  |  | 50.00 | so | 706 |  | \$0.03112 | so | so | so | \$0 | 50 |
| Energy Filtess |  |  |  |  |  |  |  |  |  |  |  |  |
| Targeled Enerey Efficiency |  |  |  | 8102,639 | ${ }^{896}$ | 440,832 | 50.03111 | \$13,774 | 50 |  | 5.132 | \$121,485 |
| $\bigcirc-$ - All Electric | ${ }_{25}^{85}$ | ${ }_{293}^{432}$ | ${ }_{\text {s1. }}^{665.55}$ | ${ }_{\text {S }}$ | 266 | ${ }^{41,978}$ | ${ }_{80} 803124$ | \$1,936 | S513 | so | \$513 | ${ }^{54,161}$ |
|  |  |  |  | 5 | 0 | 0 | 50.00000 | so | so | 80 | ${ }^{50}$ | so |
| Compact Flucrescent Sub | 0 | 0 | \$0.00 |  |  |  |  |  |  |  |  |  |
| High- EEficiency Heat Pump |  |  |  | so |  |  |  | s0 | so | so | 50 | ${ }_{50}$ |
| - Resistance Heat | $\bigcirc$ | $\bigcirc$ | ${ }_{50}^{50.00}$ | ${ }_{50}$ | ${ }_{4} 446$ |  | s0.03116 | so | so | so | so | 80 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\frac{\text { High - EMiclency }}{\text { - Moilea Pump }}$ | 40 | 225 | \$476.78 | \$19,071 | 1.144 | 257,400 | S0.03110 | 88,005 | 53,168 | so | ${ }^{53,168}$ | \$30,244 |
| Mobile Home New Constuction $\cdots$ |  |  |  |  |  |  |  |  | 510,372 | so | \$10,372 | 577,215 |
| - Heai Pump ${ }^{\text {- Air Oondilioner }}$ | ${ }_{0}^{83}$ | 385 | $\begin{array}{r} \$ 544.23 \\ \hline \$ 0.00 \\ \hline \end{array}$ | ${ }_{\text {¢4, }}^{\text {¢ }}$ \$0 | ${ }_{1} 158$ | ${ }^{696}$ | ${ }_{50.03124}$ |  |  | 50 |  | 810 |
| Modified Enerov Fithess | 351 | 1.826 | ${ }^{5373.12}$ | \$130,965 | 612 | 1,117,512 | 50.03116 | \$34,822 | \$14,770 | ${ }^{30}$ | \$14,770 | \$180,557 |
| TOTAL RESIIENTIAL PROGRAMS |  | 3,163 |  | \$299,558 |  | $\overline{2.574,888}$ |  | 880,159 | 528.823 | \$5,132 | \$33,955 | \$443,672 |
|  | = |  |  |  |  |  |  | = $8==$ = $=$ |  | $=\underline{=a}=$ | = $=$ = $=$ = $=$ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| COMMERCIAL PROGRAMS |  |  |  |  |  |  |  |  | 50 | so | so |  |
| Smart Audit - Class 1 |  |  |  |  | - |  | ${ }_{\text {n/a }}$ | ${ }_{50}$ | 50 | so |  |  |
| Smart Finencliass - Exsting Euilding |  | 20 |  |  | 13,282 | ${ }^{265,640}$ | \$0.04235 | \$11,250 | ${ }^{80}$ | ${ }_{50}^{50}$ | s0 | 511,250 <br> 86635 <br> 8. |
| Smart Finananong - New Euilding |  | 11 | 50.00 |  | 14,102 | 155,122 | 50.04277 | ${ }^{56,635}$ |  | so | so | 86,63 |
| TOTAL COMMERCIAL PROGRAMS |  |  |  | so |  | 420,762 |  | S17,885 | so | so | S0 | S17,885 |
|  | = $=$ = $=$ en |  |  | =---- $=$ |  | $==$ |  |  | = $=$ =ase | = $=-=$ | - |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| NNUSTRIAL PROGRAMS- |  |  |  |  |  |  |  |  |  |  |  |  |
| (rwlest opp-Outs Removed) |  |  |  |  |  |  | nia | ${ }^{50}$ | 50 | \$0 | s0 |  |
| Smart Audit-Class 2 |  |  | \$0.00 |  |  |  |  | ${ }_{50} 5$ | s0 | S0 | ${ }_{50}$ |  |
| Smart Financing - General |  |  | $\frac{80.00}{90.00}$ | ${ }_{80}^{80}$ | $\bigcirc$ |  | S0.00000 <br> 80.0000 | 50 | ${ }_{50}^{50}$ | ${ }_{50}$ | ${ }_{50}$ |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| TOTAL INDUSTRIAL PROGRAMS |  |  |  |  |  | 0 |  | so | so | 50 | so | 50 |
| TOTAL COMPANY |  | 3.194 |  |  |  | $\left.\right\|_{\text {\| }} ^{2,995,5650}$ |  | = 998,044 | \$22,823 | 55,132 | \$33,955 | \$431,557 |
| totalcompan | $\pm===$ = $=$ | =Ez=E= |  | = $=3==$ |  | ==E=E= |  | $\underline{=E=E=E}$ | = $=$ = | :mer | = $==\underline{=}=$ |  |
| - Lost revenue and efficiency incentives al | based on prossece |  |  |  |  |  |  |  |  |  |  |  |
| * Cumulative participants include a reducti | for the cumulaive | particanants as | 12131/2002. |  |  |  |  |  |  |  |  |  |


| Year 2006 |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  | Exhibit C |  |
| KENTUCKY POWER COMPANY |  |  |  |  |  |  |  |  |  |  | PAGE |  |
| ESTIMATED SECTOR SURCHARGES FOR 3YEAR PROGRAM |  |  |  |  |  |  |  |  |  |  | 12A of | 19 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | NET | TOTAL |  |  |  | TOTAL |
| YEAR 11 (1st HALF) | NEW | CUMULATIVE | ESTIMATED | ACTUAL | NET LOST | TOTAL | LOST | NET* | EFFICIENCY | MAXIMIZING |  | ACTUAL |
|  | PARTICIPANT | PARTICIPANT | $\begin{aligned} & \text { PROGRAM } \\ & \text { COSTS } \end{aligned}$ | PROGRAM | REVIQTRS | ENERGY SAVINGS | REVENUE | LOST | INCENTIVE | INCENTIVE | TOTAL * | COSTS TO BE |
| PROGRAM DESCRIPTIONS | NUMBER | NUMBER ** | $\begin{array}{\|c\|} \hline \text { PER } \\ \hline \text { PARTICIPANT } \\ \hline \end{array}$ | COSTS | (KWH) PARTICIPANT) | KWHI HALF | (\$/KWH) | REVENUES | $\begin{aligned} & \text { (EX. C, } \\ & \text { PG.18B) } \\ & \hline \end{aligned}$ | $\begin{gathered} (5 \% \text { of } \\ \text { COSTS) } \\ \hline \end{gathered}$ | INCENTIVE | RECOVERED |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
|  |  |  | (3) | (1) $\times$ (3) |  | (2) $\times(5)$ |  | (6) $\times$ (7) |  | (4) $\times(5 \%$ ) | (9) $+(10)$ | $(4)+(8)+(11)$ |
| RESIDENTIAL PROGRAMS |  |  |  |  |  |  |  | $\$ 0$ | \$0 | \$0 | \$0 | \$0 |
| Energy Fitness | 0 | 0 | \$0.00 | \$0 | 707 | 0 | \$0.03112 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| Targeied Energy Efficiency |  |  |  |  |  | 444.416 | \$0.03111 | \$13,826 | 80 | \$3,654 | \$3,654 | \$90,553 |
| - All Electric | 75 | 496 | \$974.31 | \$73,073 | 896 | 444,418 | \$0.03124 | \$13,077 | \$671 | \$0 | \$671 | \$5,623 |
| - Non-All Electiric | 34 | 249 | \$84.56 | \$2,875 | 267 | 66,483 | \$0.03124 | \$2,07 | \$07 |  |  |  |
| Compact Fluorescent Bub |  |  |  |  |  | 0 |  | \$0 | \$0 | \$0 | \$0 | 80 |
|  | 0 | 0 | \$0.00 | \$0 | 0 | 0 | \$0.0000 | \$0 | $\$ 0$ |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| High-Efficiency Heat Pump |  |  |  |  |  |  |  | 50 | $\$ 0$ | \$0 | \$0 | 50 |
| - Resistance Heat | 0 | 0 | \$0.00 | \$0 | 1,200 | 0 | \$0.03116 | \$0 | \$0 | \$0 | \$0 | \$0 |
|  | 0 | 0 | \$0.00 | \$0 | 447 | 0 | \$0.03116 | SO | \$0 | S0 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| High - Efficiency Heat Pump |  |  |  |  | 1,145 | 263,350 | \$0.03110 | \$8,190 | \$3,802 | \$0 | \$3,802 | \$33,403 |
| - Mobile Home | 48 | 230 | \$446.06 | \$21,411 | 1,145 | 263,350 | \$0.0310 |  |  |  |  |  |
| Mobile Home New Construction ***********) |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | \$11.246 | \$0 | \$11,246 | \$85,679 |
| - Heat Pump | 90 | 425 | \$561.21 | \$50,509 | 1,810 | $\frac{769,250}{314}$ | \$0.03124 | \$23,924 | \$ |  | ¢ ${ }^{1}$ | \$10 |
| - Air Condifioner | 0 | 2 | \$0.00 | \$0 | 157 | 314 | \$0.03124 | \$10 | \$ | \$0 | \$ | ¢ |
| Modified Energy Fitness |  |  |  |  |  | 1,339,405 | \$0.03116 | \$41,736 | \$18,515 | $\$ 0$ | \$18,515 | \$181,395 |
|  | 440 | 2,185 | \$275.33 | \$121,144 | 613 | 1,309,405 | \$0.03116 |  |  |  |  |  |
|  | 687 |  |  | \$269,012 |  | 2,883,218 |  | \$89,763 | \$34,234 | \$3,654 | \$37,888 | \$396,663 |
| TOTAL RESIDENTIAL PROGRAMS 1$]=$ |  | 3,587 | $\stackrel{=}{\text { a }}$ |  | $= \pm==\square=$ |  | $=======$ |  | $= \pm= \pm= \pm=$ | = $== \pm=$ \% |  | $=\mathrm{F=}=\mathrm{=a=}$ |
| $11$ |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 50 | S0 | S0 | \$0 | \$0 |
| COMMERCIAL PROGRAMS <br> Smart Audit - Class 1 | 0 | 0 | \$0.00 | S0 | 0 | 0 | n/a | \$0 | \$0 | S0 | \$0 | \$0 |
| $\frac{\text { Smart Audit - Class } 1}{\text {-Class } 2}$ | 0 | 0 | \$0.00 | SO | 0 | 0 | \% 800000 | \$0 | 50 | \$0 | 50 | \$0 |
| Smart Financing-Existing Building Smart Financing - New Building | 0 | 0 | \$0.00 | \$0 | 0 | 0 | \$0.00000 | \$0 | \$0 | S0 | \$0 | \$0 |
|  | 0 | 0 | \$0.00 | \$0 | 0 | 0 | \$0.00000 | \$0 | 9 |  |  |  |
|  | $\square$ | - |  |  |  | 0 |  | \$0 | \$0 | \$0 | \$0 | 90 |
| TOTAL COMMERCIAL PROGRAMS | TAL | 0 | ===-= $\$ 0$ |  | $=\equiv======$ |  | $= \pm= \pm==$ |  | = = $=$ = = = | \#ニ===== | ====== | $= \pm=== \pm=$ |
|  |  | = $=:====$ |  |  |  |  |  |  |  |  |
| $\square \square \square$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| INDUSTRIALPROGRAMS - |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| (w/Est. Opt-Outs Removed) |  |  |  |  |  |  |  |  | \$0 | \$0 | S0 | \$0 |
| Smart Audit - Class 1 |  | $0 \quad 0$ | $0 \quad \$ 0.00$ | $\$ 0$ | 0 | 0 | n/a |  | \$0 | \$0 | \$0 | \$0 |
| Smart Audit - Class 2 |  | $0 \quad 0$ | - $\quad$ \$0.00 | \$0 | 0 | 0 | \% 50.00000 | 80 | \$0 | \$0 | \$0 | 50 |
| Smart Financing - General |  | $0 \quad 0$ | - $\$ 0.00$ | \$0 | 0 | 0 | \$0.000000 | \$0 | \$0 | \$0 | \$0 | 50 |
| Smart Financing - Compressed Air System |  | 0 | - \$0.00 | \$0 | 0 | 0 | \$0.00000 | \$0 | so |  |  | $\square$ |
|  |  | 010 |  | \$0 |  | 0 |  | \$0 | \$0 | \$0 | \$0 | S0 |
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|  |  |  | $\underline{=269,012}$ |  |  | 2,883,218 |  | \$89,763 | \$34,234 | \$3,654 | \$37,888 | \$396,663 |
| TOTAL COMPANY $\quad 1 \quad=0=====$ |  | $= \pm===$ |  |  | $= \pm=\pi== \pm$ |  | $= \pm====$ |  | $= \pm==$ | $\pm= \pm==\square=$ | $= \pm====$ |  |
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|  |  |  | * Lost revenue and efficiency incentives are based on prospective values. ${ }^{\text {** }}$ Cumulative participants include a feduction for the cumulative participants as of 06/30/2003. |  |  |  |  |  |  |  |  |  |  |  |  |
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| $\cdots$ Participants since 01/01/2003. |  |  |  |  |  |  |  |  |  |  |  |  |









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| Year 2010 |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  | Exhibit C |  |
| KENTUCKY POWER COMPANY |  |  |  |  |  |  |  |  |  |  |  | PAGE |  |
| ESTIMATED SECTOR SURCHARGES FOR 3 |  |  |  |  |  |  |  |  |  |  |  | 168-1 of | 19 |
| YEAR PROGRAM |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | TOTAL |
|  |  | cumulative |  | AVERAGE ACTUAL | TOTAL ACTUAL | NET LOST | TOTAL | $\begin{aligned} & \text { NET } \\ & \text { LOST } \end{aligned}$ | $\begin{aligned} & \text { TOTAL } \\ & \text { NET * } \end{aligned}$ | EFFICIENCY | MAXIMIZING |  | ACTUAL |
| YEAR 15 (2nd HALF) | NeW | cumulative |  | PROGRAM |  |  | ENERGY |  |  |  |  |  |  |
|  | PARTICIPANT | PARTICIPANT |  | COSTS | PROGRAM | REVIQTRS | SAVINGS | REVENUE | LOST | INCENTIVE | INCENTIVE | TOTAL* | COSTS TOBE |
|  |  |  |  | PER <br> PARTICIPANT | COSTS | (KWH) <br> PARTICIPANT) | $\begin{aligned} & \text { KWHI } \\ & \text { QTRs } \end{aligned}$ | (\$/KWH) | REVENUES | $\begin{aligned} & \text { (EX. C, } \\ & \text { PG. } 18 \mathrm{~B} \text { ) } \end{aligned}$ | ( $5 \%$ of COSTS) | INCENTIVE | RECOVERED. |
| PROGRAM DESCRIPTIONS | $\frac{\text { NUMBER }}{(1)}$ | NUMBER |  | PART(3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
|  | (1) | (2) |  | (4)/(1) |  |  | (2)X(5) |  | (6) $\times$ (7) |  | (4) $\times(5 \%)$ | (9) $+(10)$ | $(4)+(8)+(11)$ |
| RESIDENTIAL PROGRAMS |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Energy Fiiness | 0 | 0 |  | \$0.00 | \$0 | 0 | 0 | \$0.00000 | $\$ 0$ | \$0 | \$0 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Targeted Energy Efficiency |  |  |  |  |  |  | 799592 | \$0.05746 | \$45,945 | \$13,282 | \$0 | \$13,282 | \$198,481 |
| - All Electric | 172 | 787 | ** | \$809.62 | \$139,254 | 1,016 | 137,456 | \$0,05746 | \$ \$7,898 | \$1,419 | 80 | \$1,419 | \$11,671 |
| - Non-All Electric | 23 | 242 | ** | \$102.35 | \$2,354 | 568 | 13,456 | \$0.05746 | \$1, | 9,14 |  |  |  |
|  |  |  |  |  |  | 0 | 0 | \$0.00000 | S0 | \$0 | \$0 | \$0 | \$0 |
| Compact Fluorescent Bulb | 0 | 0 |  | \$0.00 | \$ | 0 |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| High - Efficiency Heat Pump |  |  |  |  |  | 0 | 0 | \$0,00000 | 50 | S0 | \$0 | \$0 | \$0 |
| - Resistance Heat | 0 | 0 |  | \$0.00 | S0 | 0 | 0 | \$0.00000 | \$0 | So | \$0 | \$0 | \$0 |
| - Non Resistance Heat | 0 | 0 |  | \$0.00 | So | 0 | 0 | \$0.00000 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| High - Efficiency Heat Pump |  |  |  |  | \$63,850 | 875 | 434,000 | \$0.05750 | \$24,955 | \$19,039 | S0 | \$19,039 | \$107,844 |
| - Mobile Home | 136 | 496 | * | \$469.49 | \$63,850 | 87 | 434,00 | \$0.05750 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mobile Home New Construction |  |  | ** |  |  | 861 | 531,237 | \$0.05745 | \$30,520 | \$13,274 | \$0 | \$13,274 | \$110,294 |
| - Heat Pump | 119 | 617 | ** | \$558.82 | 366,500 | 0 | - 0 | \$0.00000 | \$0 | \$0 | \$0 | \$0 | \$0 |
| - Air Conditioner | 0 | 0 |  | 50.00 | $\$ 0$ | 0 |  | \$0.00000 |  |  |  |  |  |
|  |  |  |  |  |  | 435 | 1,278,465 | \$0.05752 | \$73,537 | \$34,789 | $\$ 0$ | \$34,789 | \$330,183 |
| Modified Energy Fitness | 699 | 2,939 | ** | 8317.39 | \$221,857 | 435 | 1,270,465 | \$0.05752 | \$13,537 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| High Efficiency Heat Pump |  |  |  |  |  |  |  | \$0.05748 | \$28,513 | \$74,106 | $\$ 0$ | \$74,106 | \$153,149 |
| - Resistance Heat Replacement | 155 | 264 | *** | \$326.00 | \$ $\$ 50,530$ | 1,879 | 186,921 | \$0.05750 | \$10,748 | \$0 | \$6,634 | \$6,634 | \$150,052 |
| - Heat Pump Replacement | 237 | 621 | *** | \$559.79 | \$132,670 | 301 | 186,921 | \$0.05750 | \$10,748 |  |  |  |  |
|  |  |  | *** |  | \$5,880 | 74 | 90,280 | \$0.05714 | \$5,159 | \$5,274 | 50 | \$5,274 | \$16,313 |
| Energy Education for Student Program (NEED) | 1,059 | 1,220 | $\cdots$ | \$5.55 | 35,880 |  |  |  |  |  |  |  |  |
|  |  |  |  | \$6.72 | \$14,570 | 91 | 319,956 | \$0.05768 | \$18,455 | \$10,813 | \$0 | \$10,813 | \$43,838 |
| Community Outreach Program (CFL) | 2,167 | 3,516 | ** | \$6.72 | \$4, 5 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Residential Efficient Products |  |  |  |  |  | 0 | 0 | \$0.05818 | \$0 | 80 | \$0 | \$0 | \$0 |
| - Compact Flourescent Lamp (CFL) | 0 | 0 |  | \$0.00 | \$0 | 0 | 0 | \$0.05793 | \$0 | 80 | 90 | \$0 | \$0 |
| - Specialty Bulbs | 0 | 0 |  | \$0.00 | \$0 | 0 | 0 | \$0.05854 | \$0 | $\$ 0$ | \$0 | \$0 | \$0 |
| -LED Lights. | 0 | 0 |  | \$0.00 | \$0 | 0 |  | \$0.05854 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HVAC Diagnostic \& Tune-Up |  |  |  |  |  | 0 | 0 | \$0.05749 | 50 | \$0 | 80 | \$0 | \$0 |
| - Air Conditioner | 28 | 0 |  | \$101.79 | \$2.850 | 371 | 1.113 | \$0.05749 | \$84 | \$319 | \$0 | \$319 | \$3,233 |
| - Heat Pump. | 28 | - 3 |  | \$101.79 | \$2,850 | 371 | 1.113 | S0.07) | \$ 6 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Residential Load Management |  |  |  |  |  | 0 | 0 | \$0.00000 | 50 | S0 | S0 | $\$ 0$ | \$0 |
| - Air Conditioner | 0 | 0 |  | \$0.00 | S0 | 0 | 0 | \$0.00000 | \$0 | S0 | \$0 | \$0 | \$0 |
| -Water Heating | 0 | 0 |  | \$0.00 | \$0 | 0 | - | \$0.0000 | \% |  |  |  |  |
|  |  |  |  |  | \$700,315 |  | 4,275,076 |  | \$245,794 | \$172,315 | \$6,634 | \$178,949 | \$1,125,058 |
| TOTAL RESIDENTIAL PROGRAMS | $=\begin{array}{r}4,795 \\ ==\end{array}$ | - |  |  | $\pm= \pm==$ |  | $=7===$ |  | $=\mathrm{=a=}=\mathbf{=}$ | $= \pm====$ | $\pm= \pm=$ | = ===== | $=\pi=\mathrm{Fm=}$ |
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| Year 2011 |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| KENTUCKY POWER COMPANY |  |  |  |  |  |  |  |  |  |  |  | Exnibit |  |
| ESTIMATED SECTOR SURCHARGES FOR 3 YEAR PROGRAM |  |  |  |  |  |  |  |  |  |  |  | PAGE <br> 17A-1 of | 19 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | NEW | CUMULATIVE |  | AVERAGE ESTIMATED | TOTAL ESTIMATED | NET LOST | TOTAL | $\begin{aligned} & \text { NET } \\ & \text { LOST } \end{aligned}$ | TOTAL NET* | EFFICIENCY | MAXIMIZING |  | $\begin{aligned} & \text { TOTAL } \\ & \text { ESTIMATED } \end{aligned}$ |
| YEAR 16 (1st QTR) | PARTICIPANT | PARTICIPANT |  | PROGRAM cOSTS | PROGRAM | REV/QTRS | ENERGY SAVINGS | REVENUE | LOST | InCENTIVE | INCENTIVE | TOTAL * | COSTS TO BE |
| PROGRAM DESCRIPTIONS | NUMBER | NUMBER |  | PER <br> PARTICIPANT | COSTS | (KWH) PARTICIPANT) | $\begin{gathered} \mathrm{KWH} / \\ \text { QTR } \\ \hline \end{gathered}$ | (\$/KWH) | REVENUES | $\begin{gathered} \text { (EX. C, } \\ \text { PG.18B) } \\ \hline \end{gathered}$ | $\begin{gathered} (5 \% \text { of } \\ \text { COSTS) } \\ \hline \end{gathered}$ | INCENTIVE | RECOVERED |
| PROGRAM DESCRIPIONS | (1) | (2) |  | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (17) | (12) |
|  |  |  |  | (4)/(1) |  |  | (2) X (5) |  | (6) $\times$ (7) |  | (4) $\times(5 \%)$ | (9) $+(10)$ | (4) $+(8)+(11)$ |
| RESIDENTIAL PROGRAMS |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Energy Fiiness | 0 | 0 |  | \$0.00 | \$0 | 0 | 01 | \$0.00000 | 90 | \$0 | \$0 | \$0 | \$0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Targeted Energy Efficiency |  |  |  |  |  |  |  |  |  |  |  |  | \$103202 |
| - All Electric | 67 | 824 | ** | \$1,104.12 | \$73,976 | 508 | 418,592 | \$0.05746 | \$24,052 | \$5,174 | \$0 | \$5,174 | \$103,202 |
| - Non-All Electric | 10 | 209 | ** | \$246.80 | \$2,468 | 284 | 59,356 | \$0.05748 | \$3,411 | 5617 | \$0 | \$617 | \$6,496 |
|  |  |  |  |  |  |  |  | \$0,00000 | So | 50 | \$0 | \$0 | \$0 |
| Compact Fluorescent Bulb | 0 | 0 |  | \$0.00 | \$0 | 0 | 0 | \$0.00000 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| High - Efficiency Heat Pump |  |  |  |  |  |  |  |  |  | 50 | \$0 | \$0 | \$0 |
| - Resistance Heat | 0 | 0 |  | $\$ 0.00$ | SO | 0 | 0 | \$0.00000 | \$0 | S0 | S0 | 90 | $\$ 0$ |
| - Non Resistance Heat | 0 | 0 |  | \$0.00 | \$0 | 0 | 0 | \$0.00000 | \$0 | So | SO |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| High-Efficiency Heat Pump |  |  |  |  |  |  |  | \$0.05750 | \$13.493 | \$5,460 | \$0 | \$5,460 | \$38,199 |
| - Mobile Home | 39 | 537 | ** | \$493.49 | \$19,246 | 437 | 234,608 | \$0.05750 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mobile Home New Construction |  |  |  |  |  |  |  |  |  |  | \$0 | \$4,574 | \$44,514 |
| - Heat Pump | 41 | 630 | ** | \$594.56 | \$24,377 | 430 | 270,900 | \$0.05745 | \$15,563 | \$4,574 | \$0 | \$0 |  |
| - Air Conditioner | 0 | 0 |  | \$0.00 | \$0 | 0 | 0 | \$0.00000 | \$0 | \$0 | \$0 | \$0 | S0 |
|  |  |  | ** |  |  | 217 | 656,642 | \$0.05752 | \$37,770 | \$14,931 | \$0 | \$14,931 | \$165,451 |
| Modified Energy Fitness | 300 | 3,026 | $\cdots$ | \$379.17 | \$113,750 | 217 | 656,642 | \$0.06752 | \$7, |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| -Resistance Heat Replacement | 55 | 278 | **************) | \$509.96 | \$28,048 | 939 | 261,042 | \$0.05748 | \$15,005 | \$26,296 | \$0 | \$26,296 | \$69,349 |
| - Heat Pump Replacement | 125 | 572 | *** | \$470.30 | \$58,787 | 150 | 85,800 | \$0.05750 | \$4,934 | \$0 | \$2,939 | \$2,939 | \$66,660 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | \$14,062 |
| Energy Education for Student Program (NEED) | 501 | 1,798 | *** | \$15.50 | \$7,766 | 37 | 66,526 | \$0.05714 | \$3,801 | \$2,495 | \$0 | \$2,495 | \$14,062 |
|  |  |  |  |  |  |  |  |  |  | \$2994 | 90 | \$2,994 | \$23,478 |
| Community Ourreach Program (CFL) | 600 | 4,978 | *** | \$12.61 | \$7,563 | 45 | 224,010 | \$0.05768 | \$12,921 | 32,994 |  | \$2,934 | 32, ${ }^{\text {a }}$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Residential Efficient Products |  |  |  |  |  |  |  |  | \$2,319 | \$12,351 | \$0 | \$12,351 | \$81,131 |
| - Compact Flourescent Lamp (CFL) | 17,900 | 4,983 |  | \$3.71 | \$66,461 | 8 | 39,864 | \$0.05793 | \$2,319 | \$ $\$ 84$ | $\$ 0$ | \$84 | \$514 |
| - Specialty Bulbs | 80 | 13 |  | \$5.31 | \$425 | 0 | 0 | \$0.05854 |  | 50 | \$0 | \$0 | \$0 |
| -LED Lights | 0 | 0 |  | \$0.00 | 50 | 0 | 0 | \$0.05854 | SO | 30 | \$ | \$0 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| HVAC Diagnostic \& Tune.Up |  |  |  |  |  |  |  |  | \$242 | \$69 | \$0 | \$69 | \$10,482 |
| - Air Conditioner | 53 | 54 |  | \$191.91 | \$10,171 | 78 | 4,212 | \$0.05749 |  |  | \$0 | \$922 | \$8,013 |
| - Heat Pump | 81 | 41 |  | \$82.16 | \$6,655 | 185 | 7,585 | \$0.05749 | \$436 | \$922 | \$0 | 3922 | +8,013 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Residential Load Management |  |  |  |  |  |  |  |  |  |  | \$0 | \$0 | \$0 |
| - Air Conditioner | 0 | 0 |  | \$0.00 | \$0 | 0 | 0 | \$0.00000 | \$0 | \$0 | \$0 | \$0 | \$0 |
| - Water Heating | 0 | 0 |  | \$0.00 | $\$ 0$ | 0 | 0 | \$0.00000 | \$0 | \$0 |  | , |  |
| TOTAL RESIDENTIAL PROGRAMS | 19,852 | 17,943 |  |  | \$419,693 |  | 2,329,289 |  | \$133,952 | \$75,967 | \$2,939 | \$78,906 | \$632,551 |
| TOTAL-RESIDENIAL PROGRAMS | $\because=\square===$ | $= \pm=====$ |  |  | $= \pm===$ |  | $= \pm= \pm==$ |  | = $=\mathrm{E=}=\mathrm{=}$ | = $=$ = $=$ | $\pm= \pm=$ = $=$ | = ====== | $\pm=$ |



