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Rocco O. D'Ascenzo Associate General Counsel

VIA OVERNIGHT DELIVERY

January 20, 2011

RECEIVED

JAN 2 1 2011

PUBLIC SERVICE COMMISSION

Mr. Jeff Derouen Executive Director Kentucky Public Service Commission 211 Sower Blvd Frankfort, KY 40601

Re: Case No. 2010-445

Dear Mr. Derouen:

Enclosed please find an original and twelve copies of *Duke Energy Kentucky's Response to the Commission Staff and the Attorney General's First Set Data Request* in the above captioned case.

Please date-stamp the extra two copies of the filings and return to me in the enclosed envelope.

Sincerely,

Rocco O. D'Ascenzo

Associate General Counsel



JAH 2 1 2011

COMMISSION

VERIFICATION

STATE OF NORTH CAROLINA		
)	SS:
COUNTY OF MECKLENBURG	,	

The undersigned, Delta Sonderman, being duly sworn, deposes and says that she is employed by the Duke Energy Corporation affiliated companies as Marketing Specialist for Duke Energy Business Services, LLC; that on behalf of Duke Energy Kentucky, Inc., she has supervised the preparation of the responses to the foregoing information requests; and that the matters set forth in the foregoing responses to information requests are true and accurate to the best of her knowledge, information and belief after reasonable inquiry.

Delta Sonderman

Subscribed and sworn to before me by Delta Sonderman on this 20th day of

January, 2011.

NOTARY PUBLIC for Gaston County, NC

My Commission Expires: 04-13-2014

State of Ohio)
)
County of Hamilton)

The undersigned, Richard G. Stevie, being duly sworn, deposes and says that I am employed by the Duke Energy Corporation affiliated companies as Chief Economist, Corporate Strategy and Planning; that on behalf of Duke Energy Kentucky, Inc., I have supervised the preparation of the responses to the foregoing information requests; and that the matters set forth in the foregoing responses to information requests are true and accurate to the best of my knowledge, information and belief after reasonable inquiry.

Richard G. Stevie, Affiant

Subscribed and sworn to before me by Richard G. Stevie on this 19 Hyday of January, 2011.

My Commission Expires:

ANITA M. SC

Notary Public, State of Ohio My Commission Expires November 4, 2014

State of Ohio)
)
County of Hamilton)

The undersigned, Bruce Sailers, being duly sworn, deposes and says that I am employed by the Duke Energy Corporation affiliated companies as Manager, Product Development Analytics; that on behalf of Duke Energy Kentucky, Inc., I have supervised the preparation of the responses to the foregoing information requests; and that the matters set forth in the foregoing responses to information requests are true and accurate to the best of my knowledge, information and belief after reasonable inquiry.

Bruce Sailers, Affiant

Subscribed and sworn to before me by Bruce Sailers on this 19th day of January, 2011.

ADELE M. DOCKERY Notary Public, State of Ohio My Commission Expires 01-05-2014

NOTARY PUBLIC

My Commission Expires: 1/5/2014

STATE OF NORTH CAROLINA)	
)	SS
COUNTY OF MECKLENBURG Cabar	rus)	

The undersigned, Cochoan Jackson, being duly sworn, deposes and says that she is employed by the Duke Energy Corporation affiliated companies as Lead Research Analyst for Duke Energy Business Services, LLC; that on behalf of Duke Energy Kentucky, Inc., she has supervised the preparation of the responses to the foregoing information requests; and that the matters set forth in the foregoing responses to information requests are true and accurate to the best of her knowledge, information and belief after reasonable inquiry.

Cochoa Jackson

Subscribed and sworn to before me by Cochoan Jackson on this $19^{\frac{1}{2}}$ day of January, 2011.

NOTARY PUBLIC

My Commission Expires: 3-28-2014

DONNA V WINGO NOTARY PUBLIC CABARRUS COUNTY, NC My Commission Expires 3-28-2014

STATE OF NORTH CAROLINA)	
)	SS:
COUNTY OF MECKLENBURG)	

The undersigned, John Langston, being duly sworn, deposes and says that he is employed by the Duke Energy Corporation affiliated companies as Market Product Manager I for Duke Energy Business Services, LLC; that on behalf of Duke Energy Kentucky, Inc., he has supervised the preparation of the responses to the foregoing information requests; and that the matters set forth in the foregoing responses to information requests are true and accurate to the best of his knowledge, information and belief after reasonable inquiry.

John Langston

Subscribed and sworn to before me by John Langston on this $19^{\mu\nu}$ day of January, 2011.

NOTARY PUBLIC

My Commission Expires: 11/16/2012

STATE OF NORTH CAROLINA)	
)	SS
COUNTY OF MECKLENBURG)	

The undersigned, Rick Mifflin, being duly sworn, deposes and says that he is employed by the Duke Energy Corporation affiliated companies as Manager, Products and Services for Duke Energy Business Services, LLC; that on behalf of Duke Energy Kentucky, Inc., he has supervised the preparation of the responses to the foregoing information requests; and that the matters set forth in the foregoing responses to information requests are true and accurate to the best of his knowledge, information and belief after reasonable inquiry.

Rick Mifflin

Subscribed and sworn to before me by Rick Mifflin on this 44 day of January, 2011.

My Commission Expires:

STATE OF INDIANA)	
)	SS:
COUNTY OF HENDRICKS)	

The undersigned, Richard A Philip, being duly sworn, deposes and says that he is employed by the Duke Energy Corporation affiliated companies as Market Product Manager I for Duke Energy Business Services, LLC; that on behalf of Duke Energy Kentucky, Inc., he has supervised the preparation of the responses to the foregoing information requests; and that the matters set forth in the foregoing responses to information requests are true and accurate to the best of his knowledge, information and belief after reasonable inquiry.

Richard A Philip

Subscribed and sworn to before me by Richard A Philip on this 101 day of January, 2011.

postoria Totala

My Commission Expires:

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STAFF-DR-01-001

REQUEST:

Refer to page 17 of Duke Kentucky's application. Duke Kentucky is requesting to increase the budget of its Program 4: Program Administration, Development, & Evaluation by an additional \$60,000. Duke Kentucky states that the additional funds will be used to assess the viability of its commercial Demand-Side Management ("DSM") programs. Provide details of how or in what areas these funds will be spent as part of this program.

RESPONSE:

The additional funds will be used to administer third party evaluation measurement and verification for the C&I Prescriptive Incentive Program and the Custom Incentive Program for schools. The C&I Prescriptive Program offers a combination of incentives for various measures. Statistically representative samples of participants will be selected for review and impact estimation studies. For each, some blend of selective monitoring and site visits will be performed at a sample of facilities, with engineering-based estimation and participant billing analysis of a larger group. Participant surveys will be conducted to collect information needed to estimate net impacts. The Custom Incentive Program for schools will be evaluated using a combination of selective monitoring using data loggers, site visits, engineering-based estimation, building simulation modeling and single participant billing analysis. A process review including participant surveys will be conducted within the overall Program Process Review. This evaluation plan is consistent with IPMVP Protocols (International Performance Measurement and Verification Protocol).

PERSON RESPONSIBLE: Richard G. Stevie

STAFF-DR-01-002

REQUEST:

Refer to page 18 of Duke Kentucky's application. Duke Kentucky states that the Payment Plus Program is offered over six winter months per year starting in August.

- a. On page 19 of Duke Kentucky's application in Case No. 2009-00444¹, Duke Kentucky states that the Payment Plus Program is offered over six winter months per year starting in October. State whether the six winter months being evaluated for the Payment Plus Program have been changed from an October start to an August start.
- b. If yes, explain the impact of the change in the six-month period on the comparative use of the data used to evaluate the effectiveness of the program.

RESPONSE:

- a. The statement should read six winter months per year starting in October. There has been no change to the delivery of this program. The month of August was inserted because that is when internal staff needs to begin preparation for the October implementation.
- b. There is no impact to the change because the six months for the program remain the same as previous years.

PERSON RESPONSIBLE: Richard G. Stevie

¹ Case No. 2009-00444, Annual Cost Recovery Filing for Demand-Side Management by Duke Energy Kentucky, Inc. (Ky. PSC Mar. 22, 2010).

STAFF-DR-01-003

REQUEST:

Refer to page 20 of Duke Kentucky's application. Under the Power Manager program, Duke Kentucky states 2,400 devices were checked and slightly over 500, or 21 percent of those checked, were found not to be performing properly and were replaced.

- a. When devices are found not to be performing properly and are replaced, are the replacement devices charged to the Power Manager program, as were the initial devices? Explain.
- b. Are any credits given by the supplier for the defective devices?
 - 1) If so, are those credits applied to the Power Manager program?
 - 2) If not, how are the credits accounted for? Explain.

RESPONSE:

- a. Charges associated with the replacement of Power Manager devices are charged to the Kentucky Power Manager program. These include costs of the devices, as well as the costs to perform the quality control checks and any necessary replacements.
- b. Duke Energy's quality control efforts are focused on checking older Power Manager devices that are more likely to have operability issues. There were no credits given by the manufacturer for the devices. Duke Energy Kentucky explored its options for seeking manufacturer corrective action through all reasonable means, but was unsuccessful. Discussions with the manufacturer resulted in the manufacturer disavowing responsibility due to device age. The costs associated with pursuing legal remedies outweighed the likelihood of success. Duke Energy Kentucky has since switched device manufacturers and expects the reliability of newly installed devices to improve.

PERSON RESPONSIBLE: Bruce Sailers

STAFF-DR-01-004

REQUEST:

Provide electronically in Excel format with all formulas intact, all workpapers, spreadsheets, calculations, etc. necessary to support the various California test results on page 34 of the application.

RESPONSE:

Please see STAFF-DR-01-004 attachment for a copy of the calculation. An electronic copy is provided in the accompanying CD.

PERSON RESPONSIBLE: Cochoan Jackson

	Residential Sr	nart \$aver®		
	UCT	TRC	RIM	Participant
Avoided T&D	\$673,890	\$673,890	\$673,890	
Cost-Based Avoided Production	\$2,682,951	\$2,682,951	\$2,682,951	
Cost-Based Avoided Capacity	\$976,768	\$976,768	\$976,768	
Lost Revenue				\$4,909,620
Net Lost Revenue			\$2,806,530	
Administration Costs	\$221,484	\$221,484	\$221,484	
Implementation Costs	\$257,701	\$257,701	\$257,701	
Incentives	\$1,307,476		\$1,307,476	\$1,307,476
Other Utility Costs	\$180,475	\$180,475	\$180,475	
Participant Costs		\$2,480,769		\$2,480,769
Total Benefits	\$4,333,609	\$4,333,609	\$4,333,609	\$6,217,096
Total Costs	\$1,967,136	\$3,140,429	\$4,773,666	\$2,480,769
Benefit/Cost Ratios	2.20	1.38	0.91	2.51

STAFF-DR-01-005

REQUEST:

Refer to the Residential Smart Saver program budget on page 35 of Duke Kentucky's application.

- a. For Year 2011, the projected program costs are \$448,520. Provide a breakdown of projected program costs and participants by each of the qualifying improvement measures.
- b. For Year 2011, the projected lost revenues are \$533,499. Explain how the projected lost revenues are calculated. Provide electronically in Excel format with formulas intact, all work papers, spreadsheets, calculations, etc. necessary to support the explanation.
- c. For Year 2011, the projected shared savings are \$53,822. Explain how the projected shared savings are calculated. Provide electronically in Excel format with formulas intact, all work papers, spreadsheets, calculations, etc. necessary to support the explanation.
- d. Duke Energy Kentucky will employ third-party companies ("Program Admistrators") to administer the Residential Smart Saver program. Identify potential Program Administrators, and explain the process of how one become a Program Administrator.
- e. What is the process or required qualifications for a contractor to become a "Trade Ally" in the Residential Smart Saver program? Explain.

RESPONSE:

a.

	Participation	Administrative	Implementation	Incentives	Other Utility Costs
KY_Smart Saver Central Air Conditioner	250	\$ 17,325	\$ 20,500	\$ 75,000	\$ 20,000
KY_ Smart Saver – Heat Pump	400	\$ 27,420	\$32,800	\$ 120,000	\$ 30,000
KY SS AC Tune Up	200	\$ 4,500		\$ 10,000	\$ 20,000
KY_SS Attic Insulation Air Sealing	80	\$ 6,750		\$ 20,000	\$ 25,000
KY_SS Duct Sealing	35	\$ 2,775		\$3,500	\$15,000
KY SS HP Tune Up	300	\$ 4,950		\$ 15,000	\$18,000

b Lost revenues are computed using the applicable marginal block rate net of fuel costs and other variable costs times the estimated kWh savings for a three-year period from installation of the DSM measure. Lost revenues accumulate over a three-year period from the installation of each measure, unless a general rate case has occurred.

In preparing its response to this discovery request, the Company discovered that Appendix B, as originally submitted with the Application included incorrect data These discrepancies will be clearly addressed in the discovery responses where applicable and will contain reference to an "Appendix B Reconciliation 2010 – Revised" document. Attachment STAFF DR-01-005(b)(1) is the corrected Appendix B ("Appendix B Reconciliation 2010 – Revised").

The net present value of projected lost revenues over the measure life was incorrectly provided instead of the total for the first year of the program. The actual value should be \$50,150 and not \$533,499. This value for one year has been updated in Attachment STAFF-DR-01-00(b)(1) - Appendix B Reconciliation 2010 - Revised. Please see Attachment STAFF-DR-01-005(b)(2) for the calculation in excel.

- c. Shared savings are estimated by multiplying the projected spending by the UCT value and then subtracting the projected costs and multiplying by 10 percent. Duke Energy Kentucky utilized the shared incentive of 10% of the total savings net of the costs of measures, incentives to customers, marketing, impact evaluation, and administration. Please see STAFF-DR-01-005c attachment for the Excel format.
- **d.** Duke Energy has an existing vendor, Wisconsin Energy Conservation Corporation (WECC), who is responsible for administering the Residential Smart Saver program in Duke Energy's other service territories. Duke Energy Kentucky may elect to use WECC as the Program Administrator in Kentucky since most HVAC contractors in the

Cincinnati area, including northern Kentucky, are already participating in the Duke Energy Ohio Smart Saver program which WECC administers. Alternatively, Duke Energy Kentucky may utilize a Request for Proposal (RFP) process to select the program administrator. The RFP process includes program requirements, vendor proposals and offers a fair and transparent process for all bid participants. Duke Energy Kentucky would complete a comprehensive bidder search and posting to identify qualified companies that could best administer the program.

e. HVAC Contractors will follow an existing Duke Energy process to become a program trade ally by completing and submitting an on-line application to Duke Energy. This application is sent to the program administrator that manages the trade ally relationships and updates the Participating Vendor Search tool on the Duke Energy website. As we expand Smart Saver from an HVAC only program Duke Energy Kentucky will likely follow the same qualification parameters outlined in the Kentucky Home Performance program.

PERSON RESPONSIBLE: a,d,e: Delta Sonderman

b,c: Richard G. Stevie

Page 1 of 5

Appendix B Kentucky DSM Rider

Comparison of Revenue Requirement to Rider Recovery

Total	Revenues collected except for HEA	(Residental Smartsage Pilot Program (I)	Operation Charles (Charles Charles Cha	Energy Emciency Website	Energy star Products	Tropient Condition and	Drogen Development Funds	Power Manager	Payment Plus	Kes. Comprehensive Energy Endoards	Resident Forms Education	Desidential Lorse Energy House Call	Sefricerator Senlecement	See Conservation & Energy Education		Residential Programs
Ş		so e	'n (in 6	• •	^	60	S	u	•	,	(1)	s,	8	7/200	Projecte
2,423,410 \$, •		153,000 \$	31 110 5	243,000 \$	140,000 \$	875,000 \$	100,000	460,000	81 500 \$	150,000 \$	100,000 \$	s	7/2009 to 6/2010 (A) 7/	(1) Projected Program Costs Proj
911,033		•		121,547	26 781	690.225	,	,	,	•	,	49,810	6,145	16,525	7/2009 to 6/2010 (A)	8
•		₩.	ω	6 0 •	· •	•	"	•	•	•	•	ď	4	S	7/2009 to 6/2010 (A)	(3) Projected Shar
346,040 \$		· •	, so	73,134 \$	2.955 \$	63,450 \$	•	1/4,000	17,000		, ss	35,700 \$	300 \$	(3,489) \$	ı	Ç6
1,949,037 \$		247,848 \$	•	170,253 \$	12,715 \$	78,320 \$	58,433 \$	500,000	550 000	80.426	77,570 \$	191,893 \$	83,481	389,007 \$	1/08 misordia of to (a)	(4) m Expenditures
/18//05	740 707	104,505 \$,	107,088 \$	7.997 \$	49,263 \$	30,754	26 75 4	'n	ó	48.791 \$	120,/00 \$		244,685 \$	Gda	(5) (6) Program Expenditures (C)
1,640,654	2 130 000 1	143,342 \$		63,165 \$	4,718 \$	\$ /cn'R7	21,078	24 870	559 090 \$	80,426 \$	28,778 \$	CA1,17	03,401	144,322 \$		
4	858 903 \$,	,	10,867 \$	7,701 \$	111,010	777 540 5		,			30,043	20,670	16,903	10000	(7) (8) Lost Revenues Shared Savings _ ZNB through 6/10 (B) 7/09 through 6/10 (B)
	165.216			54,317	1,820	41,160	1 103		53.117			1004)	(384)	(2,300	12 200	(8) Shared Savings 09 through 6/10 (B)
1	\$ 3,852,699														١	ရှု ရ
	165.216 \$ 3.852.699 \$ (257,957) \$ 4,576,680 \$ 3,034,199 \$ (4,197) \$ (1,040,783															(9) (10) 2009 Reconciliation s (D) Electric (E)
	\$ 4,576,680	\$ 4.472.175	104 505	3	5	10	Š	¥				NA.	Š	•	Z	(11) Rider Coll Gas
	\$ 3,034,199	\$ 2,890,857	s 143 342	5	5	Z	Š	Š			•	Z	ξ	į	š	(12) ection (F) Electric
	\$ (4.197		Z.	3	N .	2	Š	Š				ž	š		ž	(13) (Over)/Under Gas (G)
	7) \$ (1,040,783)		\$,	NA :	ZÞ	ž	NA A				Š	¥		Š	(14) Collection Electric (H)

(A) Amounts identified in report filed on November 15, 2009.

(B) Actual program expenditures, lost revenues, and shared savings for the period July 1, 2009 through June 30, 2010 and lost revenues for this period and from prior period DSM measure installations.

(C) Allocation of program expenditures to gas and electric. Uses 62,9% gas based upon saturation of gas space heating.

(D) Recovery allowed in accordance with the Commission's Order in Case so No 2004-00389.

(E) Recovery allowed in accordance with the Commission's Order in Case so No 2004-00389.

(F) Revenues collected through the DSM Rider between July 1, 2009 and June 30, 2010.

(G) Column (6) + Column (7) - Column (11).

(G) Column (6) + Column (7) + Column (8) + Column (10) - Column (12).

(f) Revenues and expenses for the Home Energy Assistance Pilot Program.

PowerShare®	Total for High Efficiency Program	High Efficiency Program Lighting Lighting HVAC Motors Other Other	Commercial Programs
5	6	<i>.</i>	(1) Projected Program Costs 7/2009 to 6/2010 (A)
265,000 \$	903,772	209,520 142,760 100,678 450,814	m Costs
\$	\$ 657,466	\$ 308,352 \$ 29,247 \$ 21,031 \$ 288,836 \$	(3) (4) (5) Projected Lost Revenues Projected Shared Savings Program Expenditures Lost Revenues 7/2009 to 6/2010 (A) 7/2009 to 6/2010 (A) 7/2009 to 6/2010 (A) 7/2009 to 6/2010 (B) 7/2009 to 6/2000 (B) 7/2009 to 6/2000 (B) 7/2009 to 6/2000 (B) 7/2009 to 6/2000 (B) 7/2000 (B) 7
s	٠,		Projected 7/2009
107,641	499,834	10,698 14,588 25,718 448,830	(3) Shared Savings to 6/2010 (A)
107,641 \$ 358,011 S	\$ 719,739	\$ 447,428 \$ 20,978 \$ 57,849 \$ 184,164	(3) (4) (5) (6) (7) (7) (8) (8) (9) (9) (13) (14) (15) (15) (15) (16) (17) (18) (18) (18) (18) (18) (18) (18) (18
,	\$ 855,921 \$	\$ 088,891 \$ 37,248 \$ 15,251 \$ 114,532 \$	(5) Lost Revenues 7/09 through 6/10 (B) 7
\$134,254.17		5.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00	(6) Shared Savings 709 through 6/10 (B)
\$ (103,533)	\$ (233,508)		(7) 2009 Reconciliation (C)
103,333) \$ 11,100 @@@@@@.ved	(233,560) \$ 1,365,060 \$ 257,77		(7) (8) (9) 2009 Rider ((Over)/Unde conciliation (C) Collection (D) Collection (E
	€ 207.E79	200	(9) ((Over)/Under Collection (E)

(A) Amounts identified in report filed on November 15, 2009.

(B) Actual program expenditures, lost revenues, and shared savings for the period July 1, 2009 through June 30, 2010 and lost revenues for this period and from prior period DSM measure installations. (C) Recovery allowed in accordance with the Commission's Order in Case No. 2004-00389.

(D) Revenues collected through the DSM Ridde releveen July 1, 2009 and June 30, 2010.

(E) Column (4) + Column (5) + Column (6) + Column (7) - Column (8)

Appendix B

2011 Projected Program Costs, Lost Revenues, and Shared Savings

Residential Program Summary

Costs Lost Shared Costs Cost	Total C&I DSM Program Total Program	PowerShare® Program	High Efficiency School incentive Program Lighting HVAC Motors Other Total for the High Efficiency School Incentive Program		Program Development Funds Total for the High Efficiency Program	Other	HVAC Motors	Lighting	High Efficiency Program			Home Energy Assistance Pilot Program	Total Costs, Net Lost Revenues, Shared Savings	Personalized Energy Report Pilot Program Residential SmartSaver	Energy Efficiency Web Site	CFL's (Compact Fluorescent Lights) Torchieres (Floor lamps)	Energy Star Products	Program Development Funds	Power Manager	Home Energy Assistance Plus (continuing)	Residential Comprehensive Energy Education	Home Energy House Call	Poficerator Periocement	Residential - Current Programs/Measures Besidential Conservation & Energy Education		
Lost Shared Hevenues Savings Hevenues Savings Hevenues Heachic Costs	₩ ₩	€)	₩ ₩	↔	69 E	₩			C&	€9	€9	()	↔		€9	€9	€9	↔	69 ·	69 E	e e	æ		
Shared Savings Total Electric Gas Electric Costs	1,228,771 4,100,701	<u>Costs</u> 265,000	K 11		60,000 511,885	225,407	50,339	104,760	Costs		DSM Progran	247,283	2,871,930	448,520	31,110		243,000	140,000	875,000	150,000	81,500	150,000	100,000	499 800	Costs	
Shared Savings Total Electric Gas Electric Costs	.∸ •• •>	R e	& & & & & & X 0 0 0	Lost			()		Re		n Sun							€9	€9	↔	₩.	₩ (<i>9</i> (æ	Rev	
gis Total Electric Gas Electric Costs ,499) \$ 512,826 37.1% 62.9% \$ 185,426 ,700 \$ 106,445 100.0% 62.9% \$ 55,650 ,700 \$ 1,049,000 37.1% 62.9% \$ 875,000 - \$ 150,000 37.1% 62.9% \$ 875,000 - \$ 1,049,000 37.1% 62.9% \$ 875,000 - \$ 1,049,000 37.1% 62.9% \$ 875,000 - \$ 1,049,000 37.1% 62.9% \$ 875,000 - \$ 1,049,000 37.1% 62.9% \$ 875,000 - \$ 1,049,000 37.1% 62.9% \$ 51,940 1,450 \$ 996,675 100.0% 0.0% \$ 243,000 37.1% 62.9% \$ 11,542 37.1% 62.9% \$ 11,542 3,134 \$ 347,681 37.1% 62.9% \$ 11,542 3,134 \$ 347,681 37.1% 62.9% \$ 11,542 3,134 \$ 37.2641 37.1% 62.9% \$ 11,542 3,134 \$ 37.2641 37.1% 62.9% \$ 11,542 3,134 \$ 37.2641 37.1% 62.9% \$ 11,542 3,134 \$ 37.2641 37.1% 62.9% \$ 11,542 3,134 \$ 37.2641 37.1% 62.9% \$ 11,542 3,141 \$ 333.497 100.0% 0.0% \$ 0.0% \$ 104,760 3,249 \$ 1	657,466 618,649		963 323 421 418						/enues	ost	nmary														enues	.ost
gis Total Electric Gas Electric Costs ,499) \$ 512,826 37.1% 62.9% \$ 185,426 ,700 \$ 106,445 100.0% 62.9% \$ 55,650 ,700 \$ 1,049,000 37.1% 62.9% \$ 875,000 - \$ 150,000 37.1% 62.9% \$ 875,000 - \$ 1,049,000 37.1% 62.9% \$ 875,000 - \$ 1,049,000 37.1% 62.9% \$ 875,000 - \$ 1,049,000 37.1% 62.9% \$ 875,000 - \$ 1,049,000 37.1% 62.9% \$ 875,000 - \$ 1,049,000 37.1% 62.9% \$ 51,940 1,450 \$ 996,675 100.0% 0.0% \$ 243,000 37.1% 62.9% \$ 11,542 37.1% 62.9% \$ 11,542 3,134 \$ 347,681 37.1% 62.9% \$ 11,542 3,134 \$ 347,681 37.1% 62.9% \$ 11,542 3,134 \$ 37.2641 37.1% 62.9% \$ 11,542 3,134 \$ 37.2641 37.1% 62.9% \$ 11,542 3,134 \$ 37.2641 37.1% 62.9% \$ 11,542 3,134 \$ 37.2641 37.1% 62.9% \$ 11,542 3,134 \$ 37.2641 37.1% 62.9% \$ 11,542 3,141 \$ 333.497 100.0% 0.0% \$ 0.0% \$ 104,760 3,249 \$ 1		လ လ	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	harec		N			Sav	Sh			(1)					0,							Sav	Sha
Allocation of Costs Electric Costs	07,474 07,336	ared rings 07,641	5,349 7,294 712,859 12,859 24,415 49,916	. —	- 49,916	24,415	12,859	5,349	ings	red				53,822	2,955		33,450	•	74,000	•		5.700	300	(3.499)	ngs	red.
Allocation of Costs Electric Costs	8800	€9	-	1	69 69	69	69 6	•					69	₩ 6	9 ()		€9	€9	↔	↔	()	() (69 4	69		
ion of Costs Gas Electric Costs	2,493,710 6,726,686	<u>Total</u> 372,641			60,000 1,211,143	599,240	73,808	383,497	Total				4,232,975	552,492	60,846		996,675	140,000	1,049,000	150,000	81,500	235,510	106.445	512.826	Total	
Costs Gas Electric Costs 62.9% \$ 185,426 0.0% \$ 100,000 62.9% \$ 55,650 62.9% \$ 875,000 62.9% \$ 51,940 0.0% \$ 243,000 62.9% \$ 11,542 62.9% \$ 166,401 \$ 1,831,608 62.9% \$ 104,760 0.0% \$ 104,760 0.0% \$ 511,885 0.0% \$ 511,885 0.0% \$ 511,885 0.0% \$ 511,885 0.0% \$ 513,39 0.0% \$ 511,885 0.0% \$ 513,39 0.0% \$ 513,39 0.0% \$ 513,39 0.0% \$ 104,760 0.0% \$ 514,760 0.0% \$ 525,407 0.0% \$ 525,407 0.0% \$ 525,407 0.0% \$ 104,760 0.0% \$ 511,885 Electric Costs 0.0% \$ 513,39 0.0% \$ 513,39 0.0% \$ 225,407 \$ 451,885 BEIGHIC Costs 0.0% \$ 225,407 \$ 451,885 BEIGHIC Costs 0.0% \$ 225,407		% ns	8888	Š	100.0%	100.0%	100.0%	100.0%	Electric	Allocat				37.1%	37.1% 37.1%		100.0%	37.1%	100.0%	37.1%	37.1%	37.1%	100.0%	37.1%	Electric	Allocation of
Electric Costs \$ 185,426 \$ 100,000 \$ 55,650 \$ 30,237 \$ 55,650 \$ 875,000 \$ 243,000 \$ 11,542 \$ 166,401 \$ 1,831,608 \$ 71,380 \$ 71,380 \$ 511,885 Electric Costs \$ 104,760 \$ 511,885 Electric Costs \$ 225,407 \$ 60,000 \$ 511,885 Electric Costs \$ 104,780 \$ 5139 \$ 225,407 \$ 60,000 \$ 511,885 Electric Costs \$ 104,780 \$ 5139 \$ 225,407 \$ 60,000 \$ 511,885		Ø	U	}	c	. 0	0 0		Ga	lions				62 6	9 6 3 2		0	62	0	62	62.	62	.0	62		
lectric Costs 185,426 100,000 55,650 30,237 55,650 875,900 51,940 243,000 243,000 11,542 56,763 166,401 1,831,608 104,760 71,380 50,339 225,407 60,000 511,885 lectric Costs 104,760 71,380 50,339 225,407 60,000 511,885				_																						ន
		Electr	<u> </u>	<u> </u>					lectr										~						lectr	
Budget (Costs, Lost Revenues, & Shared Savings) Electric \$ 198,452 \$ 314,374 \$ 106,445 \$ - \$ 141,160 \$ 94,350 \$ 30,237 \$ 51,264 \$ 51,040,000 \$ - \$ 1,040,000 \$ - \$ 251,444 \$ 96,237 \$ 270,373 \$ 282,119 \$ 3,192,653 \$ 1,040,322 \$ 143,674 \$ 103,609 \$ 143,674 \$ 103,609 \$ 143,674 \$ 103,609 \$ 143,674 \$ 103,609 \$ 143,674 \$ 103,609 \$ 143,674 \$ 103,609 \$ 143,674 \$ 103,609 \$ 143,674 \$ 103,609 \$ 1,211,143 Budget (Costs, Lost Revenues, & Shared Savings) Electric Gas \$ 383,497 NA \$ 94,598 NA \$ 1,211,143 Budget (Costs, Lost Revenues, & Shared Savings) Electric Gas \$ 145,072 NA \$ 91,996 NA \$ 91,996 NA \$ 91,996 NA \$ 999,927 Budget (Costs, Lost Revenues, & Shared Savings) Electric Gas \$ 372,641 NA \$ 2,493,710					511,885	225,407	50,339	71 380	c Costs	•			31,608	66,401	11,542	:	43,000	51,940	75,000	55,650	30,237	55,650	000	85,426	c Costs	
Budget (Costs, Lost nues, & Shared Savings) sectric Gas Costs 198,452 \$ 314,374 106,445 \$ - 141,160 \$ 94,350 30,237 \$ 51,264 55,650 \$ 94,350 41,278 \$ 19,568 251,444 \$ 96,237 770,373 \$ 282,119 192,653 \$ 1,040,322 143,674 \$ 103,609 Budget (Costs, Lost nues, & Shared Savings) fic Gas 145,072 NA 145,		Budg Elect	******	Budg			€9€		im	Reve								€/						₩	回	Reve
Sosts, Lost Shared Savings) Gas Costs \$ 314,374 \$ 94,350 \$ 94,350 \$ 94,350 \$ 94,350 \$ 96,237 \$ 96,237 \$ 282,119 \$ 1,040,322 \$ 1,040,322 \$ 1,040,322 \$ 1,05t Revenues, & Shared Savings) Gas NA NA NA NA NA NA NA NA NA N	493,710	et (Costs ric 372,641	5,072 1,996 3,619 9,240 9,927	et (Costs	211,143	599,240	73,808	383,497	ectric	Budget (143,674	192,653	270,373	41,278		96,675	51,940	19,000	55,650	30,237	41,160	06,445	98,452	ectric	Budget ((
Lost Savings) S. Costis Savings) S. Costis S		, Lost Gas NA	Z Z Z Z	Lost						Costs, Share		€9		€9 €	.,		€9	€6	₩	€9	€9	€Đ	↔	↔	ାଦ୍ର	costs,
		t Revenues, & Shared Savings		Revenues, & Shared Savings	2	NA	NA S	NA A	Gas	, Lost d Savings)		103,609	1,040,322	282,119	19,568 96,237		•	88,060	1	94,350	51,264	94,350		314,374	as Costs	, Lost d Savings)

Page 2 of 5

Case No. 2010-00445
STAFF-DR-001-005(b)(1) Attachment
Appendix B Reconciliation - REVISED
Page 2 of 5

Case No. 2010-00445 STAFF-DR-001-005(b)(1) Attachment Appendix B Reconciliation - REVISED Page 3 of 5 Page 3 of 5

Appendix B

Duke Energy Kentucky Demand Side Management Cost Recovery Rider (DSMR) Summary of Calculations for Programs

January, 2011 through December, 2011

Electric Rider DSM	Prog Cost	
Residential Rate RS	\$	3,192,653
Distribution Level Rates Part A DS, DP, DT, GS-FL, EH & SP	\$	2,121,069
Transmission Level Rates & Distribution Level Rates Part B	\$	372,641
Gas Rider DSM Residential Rate RS	\$	1,040,322

⁽A) See Appendix I, page 2 of 5.

Case No. 2010-00445 STAFF-DR-001-005(b)(1) Attachment Appendix B Reconciliation - REVISED Page 4 of 5

Appendix B

Page 4 of 5

Duke Energy Kentucky Demand Side Management Cost Recovery Rider (DSMR) Summary of Billing Determinants

Year 2011

Projected Annual Electric Sales kWH

Rates RS 1,419,793,000

Rates DS, DP, DT,

GS-FL, EH, & SP 2,237,744,041

Rates DS, DP, DT,

GS-FL, EH, SP, & TT 2,453,380,000

Projected Annual Gas Sales CCF

Rate RS 62,760,920

Case No. 2010-00445
STAFF-DR-001-005(b)(1) Attachment
Appendix B Reconciliation - REVISED Page 5 of 5

Page 5 of 5

Duke Energy Kentucky

Demand Side Management Cost Recovery Rider (DSMR)

Summary of Calculations

January, 2010 through December, 2010

			86 54	\$ 6,461,909	freedor		Total Recovery
				\$ 247,283			Total Customer Charge Revenues
10	\$ 0.10		86,341	\$ 103,609			Gas No. 5 Residential Rate RS
ge 10	Monthly Customer Charge \$ 0.10		Number of Customers 119,728	Annual Revenues \$ 143,674			Customer Charge for HEA Program <u>Electric No.4</u> Residential Rate RS
				\$ 6,214,626	phift and		Total Rider Recovery
0.016509 \$/CCF	\$ 0.01650		62,760,920 CCF	\$ 1,036,113	(4,209) \$ 1,040,322 \$	\$ (4,209)	Gas Rider DSM Residential Rate RS
0.001327 \$/kWh		•					Distribution Level Rates Total DS, DP, DT, GS-FL, EH & SP
0.000274 \$/kWh		kWh	671,027 2,453,380,000 kWh \$	PACK OF ALL PACKET ALL PACKE	\$ 372,641	\$ 298,386 \$	Transmission Level Rates & Distribution Level Rates Part B
0.001054 \$/kWh	SCALLED STATES	kWh	2,237,744,041 kWh \$	2,358,460	\$ 2,121,069 \$	\$ 237,390 \$	Distribution Level Rates Part A DS, DP, DT, GS-FL, EH & SP
0.001514 \$/kWh		kWh \$	2,149,026 1,419,793,000		(1,043,628) \$ 3,192,653 \$	\$ (1,043,628)	Electric Rider DSM Residential Rate RS
	DSM Cost Recovery Rider (DSMR)	ם גג	Estimated Billing Determinants (C)	Total DSM Revenue Requirements	Expected Program Costs (B)	True-Up Amount (A)	Rate Schedule

⁽A) (Over)/Under of Appendix J page 1 multiplied by 1.002733 for 2010 for the average three-month commercial paper rate to include interest on over or under-recovery.
(B) Appendix I, page 2.
(C) Appendix I, page 4.

***	KY SS HP Tune Up	KY_SS Duct Sealing	KY_SS Attic Insulation Air Sealing	KY SS AC Tune Up	KY Smart Saver - Heat Pump	KY_Smart Saver - Central Air Conditioner	DSMoreFileName				
	333.84	503.88	943.60	78.00	1,518.50	621.09	riders o	net/ free I	losses	kWh w/o	Annual
	300	35	80	200	400	250	on Year 1 on Year 2 on Year 3 1	Participati Pa			
	800	180	180	1000	822	563	Year 2 on	rticipati Pa			
- 1	1000	200	220	1500	822	563	Year 3 1	rticipati To			
	100,152.00	17,635.80	75,488.00	15,600.00	607,401.60	155,273.00		tal Kwh Year			
	367,224.00	108,334.20	245,336.00	93,600.00	1,855,611.89	504,947.80	2	Participati Participati Participati Total Kwh Year Total Kwh Year Total Kwh Year LR Rate			
	701,064.00	209,110.20	452,928.00	210,600.00	3,103,822.18	854,622.59 0.051619	ω	Total Kwh Year			
	0.051619	0.051619	0.051619	0.051619	0.051619	0.051619	Year 1 Year 2				
	0.052828	0.052828	0.052828	0.052828	0.052828	0.0528		LR Rate			
	0.054066	0.054066	0.054066	0.054066	0.054066	0.054066	Year 3				
\$ 50,150.46	\$ 5,169.75	\$ 910.34	\$ 3,896.62	\$ 805.26	\$ 31,353.46	\$ 8,015.04	Year 1	•	Lost	•	
\$ 167,733.25	\$ 19,399.88	\$ 5,723.13	\$ 12,960.73	\$ 4,944.75	0.052828 0.054066 \$ 31,353.46 \$ 98,029.15 \$ 167,812.14	28 0.054066 \$ 8,015.04 \$ 26,675.62 \$ 46,206.27	Year 2 Year 3	Lost Revenues Lost Revenues			
\$ 299,102.64	\$ 37,903.93	\$ 11,305.81	452,928.00 0.051619 0.052828 0.054066 \$ 3,896.62 \$ 12,960.73 \$ 24,488.13	\$ 11,386.36	\$ 167,812.14	\$ 46,206.27	Year 3	Lost Revenues			

Shared Savings Calc by Year for Residential Smart Saver KY UCT 2.2

Projected

	•			
	Costs	Lost revenues	Energy Impacts	Shared Savings
2011	\$448,520	\$50,150	971,550 kWh	\$53,822.40
2012	\$747,007	\$167,733	2,203,503 kWh	\$89,640.84
2013	\$731,609	\$299,103	2,357,093 kWh	\$87,793.08

Duke Energy Kentucky Case No. 2010-00445 **Staff First Set Data Requests**

Date Received: January 5, 2011

STAFF-DR-01-006

REQUEST:

On page 37 of the application, the administrative costs of the Home Energy Assistance (HEA) Program for Northern Kentucky Community Action Committee to distribute funds are \$30,189.53 for this filing period. Provide a detailed breakdown of these

administrative costs.

RESPONSE:

The amount of \$30,189.53 was slightly understated in the application and the correct amount per Northern Kentucky Community Action Committee (NKYCAC) is \$30,316.11.

NKYCAC distributed \$201,263.52 to 1,092 clients from July 1, 2009 –June 30,2010 with an administrative fee of \$30.316.11 which is approximately 15.06% of funds distributed.

The administrative cost breakdown is as follows:

Personnel are 80%

Supplies are 15%

Occupancy costs are 4%

Other costs are 1%.

For a detailed breakdown of administrative cost please see STAFF-DR-01-006

attachment.

PERSON RESPONSIBLE: John Langston

0.797

0.145

0.049

0.009

Personnel

Salaries-ADP	18,809.47
Fica-ADP	1,029.41
Medicare-ADP	300.19
Payroll fees	293.03
Indirect Costs	3,720.31
	24,152.41

Supplies

Office Supplies	3,242.21
Cleaning Supplies	18.72
Other Supplies	631.42
Equip Maint-Repair	3.10
Other Equip Costs	514.25

Occupancy

246.65
235.84
86.59
150.11
40.12
719.50
1,478.81

Other

Interest-general	262.68
Other expenses	12.51
	275.19

4,409.70

Total 30,316.11 1.000

Date: Page:

STAFF-DR-01-007

REQUEST:

Refer to the Residential Programs on Appendix B, page 1, of Duke Kentucky's application.

- a. The actual program expenditures for both electric and gas in Column 4 are \$1,949,037 and the projected costs for both electric and gas were \$2,423,410 in Column 1. Explain why the actual costs were significantly lower than projected.
- b. Compare the projected number of participants by program to the actual number of participants by program for the filing period.
- c. The actual lost revenues in Column 7 for electric are \$856,903, or 70 percent of actual program expenditures, and the projected lost revenues in Column 2 for electric were \$911,033. Compare and explain how the projected lost revenues were determined by program and how the actual lost revenues were calculated by program.
- d. The actual shared savings in Column 8 are \$165,216, or 13 percent of actual program expenditures. Explain how, by program, the actual shared savings were calculated.

RESPONSE:

a. The Power Manager program represents the most significant difference (about \$316,000). Duke Energy Kentucky determined that current capacity needs did not require adding more customers to the Power Manager program. Duke Energy Kentucky stopped acquiring new Power Manager customers and focused on maintaining the reliability of the existing Power Manager customer base.

Energy Star Products underspent by about \$165,000. Additional campaigns were delayed as Duke Energy Kentucky evaluated better ways to approach the market place for CFLs. The program experienced a steady decline in campaign response rate since 2008 (3.5% in 2008 vs. .8% in fall 2009). New campaigns are planned for the current fiscal year with deeper discounts and convenient redemption locations.

The Residential Conservation and Energy Education program under spent by about \$111,000 because of contract structure (based on participation and not spending cap). The contract is being revised to reflect funds available for each fiscal year.

Development funds under spent by \$82,000 because Measurement and Verification work expenses were down in 09-10 fiscal year. M&V expenses will increase in the current year.

The Payment Plus program under spent by about \$70,000 because customer demand was less than expected. Duke Energy Kentucky is planning additional campaigns to improve customer engagement.

b.

	Participation	
Residential - Current Programs/Measures	Projected	Actual
Residential Conservation & Energy Education	300	199
Refrigerator Replacement	50	92
Home Energy House Call	500	482
Power Manager*	2500	9792
Energy Star Products	40000	28890
Energy Efficiency Web Site	2112	314
Personalized Energy Report	9059	7010

^{*} Projected is incremental and actual is cumulative

- c. Projected lost revenues were provided in Case No. 2007-00369 and reflected the three-year build-up of lost margins. The Company has not updated that projection since then. For actual lost revenue calculations by program over the most-recent three-year period, please refer to attachment STAFF-DR-01-007.
- d. Shared savings are estimated by multiplying the projected spending by the UCT value and then subtracting the projected costs and multiplying by 10 percent. Duke Energy Kentucky utilized the shared incentive of 10% of the total savings net of the costs of measures, incentives to customers, marketing, impact evaluation, and administration.

For actual shared savings calculations by program, please refer to attachment STAFF-DR-01-007.

PERSON RESPONSIBLE: a: Rick Mifflin

b,c,d: Richard G. Stevie

Residential	Lost	Revenue	Shan	ed Savings
Res. Conservation & Energy Education	\$	18,902 58	\$	15,560.29
Refrigerator Replacement	\$	11,273 01	\$	(417.40)
Residential Home Energy House Call	\$	30,642 89	\$	(383.79)
Power Manager	\$	-	\$	53,116.70
Energy Star Products	\$	777,516.23	\$	41,103 25
Energy Efficiency Website	\$	7,701 11	\$	1,919.79
Personalized Energy Report Program	\$	10,866.88	\$	54,317.06
Total	\$	856,902.71	\$	165,215.90

NonResidential	Lost	Revenue	Shar	ed Savings
High Efficiency Program				
Lighting	\$	688,890.68	\$	166,867.52
HVAC	\$	37,247.76	\$	437.42
Motors	\$	15,250.70	\$	38,964.77
Other	\$	114,531.64	\$	53,448.58
Total for High Efficiency Program	\$	855,920.77	\$	259,718.29
PowerShare*	Ś		Ś	134.254.17

Res. Conservation & Energy Education	2008 Incremental	2008 Cumulative		2009 incremental		2009 Cumulative	2010 Incremental		2010 Cumulative	2010 impacts per	participant		2010			Total Im	pacts		
	Participation	Participation	2005 3 Year Adj.	Participation	2006 3 Year Adj.	Participation	Participation	2007 3 Year Adj.	Participation	kwh	kw	LR Rate UCT	Cost/	Part :	SS Rate	kwh	kw LR	22	
Cumulative from prior year(s)	328		64	529			568												
July	23	351		17	13	533	9	22	555	72.7414	0.1713	0.0517	1.40 \$	1,954.81	781.9240	40,371	95 \$	2,088.92 \$	703.73
August	11	362		9	8	534	17	21	551	67.5060	0.1636					37,196	90 \$	1,924.60 \$	1,329.27
September	14	376		19	4	549		15	536	51.1777	0.1440					27,431	77 \$	1,419.36 \$	•
October	10	386		17	4	562	7	5	538	•	-					-	- \$	- \$	547.35
November	12	398		34	5	591	24	8	554	53.6454	0.1204					29,720	67 \$	1,537.76 \$	1,876.62
December	94	492		29	9	611	90	28	616	75.3258	0.1644					46,401	101 \$	2,400.89 \$	7,037.32
January	9	501		19	27	603	•	-	616	76.6503	0.1511					47,217	93 \$	2,443.10 \$	
February	22	523		7	33	577		15	601	62.6571	0.1362					37,657	82 \$	1,948.46 \$	
March	12	535		32	31	578	36	14	623	56.0781	0.1225					34,937	76 \$	1,807.71 \$	2,814.93
April	12	547		22	20	580	7	12	618	-	-					•	- \$	٠ \$	547.35
May	28	575		11	14	577	-	18	600	46.8231	0.1121					28,094	67 \$	1,453.65 \$	-
June	18	593		6	15	568	9	8	601	60.3951	0.1620					36,297	97 \$	1,878.12 \$	703.73
Total																	\$	18,902.58 \$	15,560.29

									2010 Cumulative										
Refrigerator Replacement	2008 incremental	2008 Cumulative		2009 Incremental		2009 Cumulative	2010 Incremental		Participation	2010 impacts per	participant		2010			Total im	pacts		
	Participation	Participation	2005 3 Year Adj.	Participation	2006 3 Year Adj.	Participation	Participation	2007 3 Year Adj.		kwh	kw	LR Rate UCT	Cost/Par	t s	S Rate	kwh	kw LR	22	
Cumulative from prior year(s)	89		21	153			168												
July	3	92		5	4	154	10	1	177	111,4121	0.2624	0.0517	0.95 \$	907.40	(45 37)	19,720	46 \$	1,020.36 \$	(45.37)
August	2	94		8	2	160	2	. 2	177	103.3934	0.2505					18,301	44 \$	946.92 \$	(9.07)
September	2	96		1	2	159		1	176	78.3847	0.2206					13,796	39 \$	713.82 \$	-
October	25	121		10	2	167	5	2	179	66.3264	0.1586					11,872	28 \$	614.31 \$	(2269)
November	5	126		3	•	170		1	191	82 1643	0.1844					15,693	35 \$	812.01 \$	(58.98)
December	18	144		16	1	185		. 5	218	115.3704	0.2518					25,151	55 \$	1,301.36 \$	(145.18)
January	11	155		2	7	180			218	117.3990	0.2314					25,593	50 \$	1,324.24 \$	
February	3	158		6	8	178		12	206	95 9668	0.2086					19,769	43 \$	1,022.91 \$	*
March	5	163		6	7	177		. 1	216	85.8903	0.1876					18,552	41 \$	959.94 \$	(49.91)
April	1	164		2	8	171	7	' 11	212	66.4753	0.1518					14,093	32 \$	729.19 \$	(31.76)
May	9	173		4	6	169	4	2	214	71.7151	0.1716					15,347	37 \$	794.09 \$	(18.15)
June	1	174		3	4	168	8	6	216	92.5023	0.2481					19,981	54 \$	1,033.84 \$	(36.30)
Total																	\$	11,273.01 \$	(417.40)

Residential Home Energy House Call									2009 impacts per p	articipant	2010		2010 impacts pe	r participant			2010			Total Impa	cts		
	2008 Incremental	2008 Cumulative		2009 Incremental		2009 Cumulative		2009 Participation			Incremental	2010 Cumulative											
	Participation	Participation	2005 3 Year Adj.	Participation	2006 3 Year Adj.	Participation	2007 3 Year Adj.	Base for 2010	kwh	kw	Participation	Participation	kwh	kw t	R Rate	UCT	Cost/Par	t SS Ra	te	kwh	kw	LR S	.S
Cumulative from prior year(s)	1,234		208	1,594				1,393															
July	54	1,288		2	43	1,553	14	1,379	44.0185	0.0600	47	47	66.2311	0.1438	0.0517		0.98 \$	398.12	(7.9624)	63,814	89	\$ 3,301.91	\$ (37.42)
August	89	1,377		2	26	1,529	2	1,377	40.8503	0.0600	39	86	63.9774	0.1296						61,753	94	\$ 3,195.25	\$ (31.05)
September		1,377		5	35	1,499	61	1,316	30,9695	0.0600	46	132	55.9453	0.1200						48,141	95	\$ 2,490.92	\$ (36.63)
October	7	1,384		48	46	1,501	112	1,204		-	76	208	35.2908	0.0709						7,340	15	\$ 379.82	\$ (60.51)
November	21	1,405		15	20	1,496	34	1,170	32.4628	0.0600	41	249	57.0317	0.1229						52,182	101	\$ 2,700.05	\$ (32.65)
December	11	1,416		43	36	1,503	57	1,113	45.5824	0.0600	-	249	67.3306	0.1305						67,499	99	\$ 3,492.54	\$ -
January	62	1,478		69	120	1,452	83	1,030	46.3839	0.0600	38	287	67.9444	0.1229						67,275	97	\$ 3,481.00	\$ (30.26)
February	74	1,552		47	156	1,343	35	995	37.9161	0.0600	37	324	58.8570	0.1305						56,796	102	\$ 2,938.78	\$ (29.46)
March	75	1,627		45	77	1,312	72	923	33.9349	0.0600	45	369	59.1202	0.1262						53,137	102	\$ 2,749.46	\$ (35.83)
April .	83	1,710		41	37	1,316	76	847		-	33	402	34.1516	0.0860						13,729	35	\$ 710.37	\$ (26.28)
May	67	1,777		41	5	1,352	81	766	28.3344	0.0600	43	445	55.2357	0.1106						46,284	95	\$ 2,394.85	\$ (34.24)
June	25	1,802		46	5	1,393	70	696	36.5473	0.0600	. 37	482	59.8152	0.1312						54,268	105	\$ 2,807.95	\$ (29.46)
Total	J= 12000000000000000000000000000000000000								***************************************													\$ 30,642.89	\$ (383.79)

Power Manager	2010 Incremental	2010 Cumulative			20	010			
	Participation	Participation	UCT		Cost/Part	SS Rate		SS	
Cumulative from prior year(s)									
July	9,792			1.95	\$	57.10	54 2450	\$	53,116.70
August									
September	•								
October	-								-
November									-
December		-							
January									-
February									
March	•	-							
April									-
May		-							-
June		-							-
Total								\$	53,116.70

Energy Star Products	2008 Incremental	2008 Cumulative	2009 Incremental		2009 Cumulative	2010 Incremental		2010 Cumulative	2010 impacts per	participant			2010				Total Imp	acts		
	Participation	Participation	Participation	2006 3 Year Adj.	Participation	Participation	2007 3 Year Adj.	Participation	kwh	kw	LR Rate	UCT	Cost/Pa	art :	SS Rate		kwh	kw LR	s	;
Cumulative from prior year(s)	229,335		272,458			256,258														
July	2,733	232,068	1,457		273,915	15,401	1,617	270,042	5.1643	0.0097	0.0	517	6.25 \$	2.71		14.2275	1,394,590	2,616 \$	72,159.55	21,911.77
August	-	232,068	-	-	273,915	2,724	1,062	271,704	5.1601	0.0085							1,402,016	2,333 \$	72,543.80	3,875.57
September	44	232,112	-	-	273,915	443	-	272,147	5.0001	0.0081							1,360,768	2,194 \$	70,409.53	630.28
October	124	232,236			273,915	28	18,550	253,625	5.1597	0.0085							1,308,619	2,153 \$	67,711.20	39.84
November	18,152	250,388		13,817	260,098	2,496	21,661	234,460	5.0057	0.0097							1,173,626	2,268 \$	60,726.35	3,551.18
December	9,685	260,073		8,305	251,793	2,206	299	236,367	5.1646	0.0084							1,220,731	1,988 \$	63,163.66	3,138.59
January	7,201	267,274	3,702	1,969	253,526	1,794	. 2	238,159	5.1720	0.0081							1,231,760	1,935 \$	63,734 35	2,552.41
February	580	267,854	1,560	525	254,561	2,778	24	240,913	4.7127	0.0098							1,135,348	2,351 \$	58,745.76	3,952 40
March	566	268,420	3,078		257,639	932	4,853	236,992	5.1599	0.0097							1,222,848	2,289 \$	63,273 24	1,326.00
April	2,923	271,343	795	928	257,506	40	834	236,198	4.9931	0.0104							1,179,359	2,453 \$	61,022.99	56.91
May		271,343	93	878	256,721	40		236,238	5.1669	0.0077							1,220,618	1,822 \$	63,157.81	56.91
June	1,115	272,458		463	256,258	8	658	235,588	4.9933	0.0087							1,176,363	2,060 \$	60,867.99	11.38
Total																		\$	777,516.23	41,103.25

Energy Efficiency Website								2009 Impacts per	participant		2010	2010 impacts pe	er participant			2010			Total Impa	cts			
	2008 Incremental	2008 Cumulative	2009 Incrementa	al	2009 Cumulative		2009 Participation			2010 Incremental	Cumulative												
	Participation	Participation	Participation	2006 3 Year Adj.	Participation	2007 3 Year Adj.	Base for 2010	kwh	kw	Participation	Participation	kwh	kw	2010 LR Rate	2010 UCT	2010	Cost/Part 20	10 SS Rate	kwh	kw	LR	SS	
Cumulative from prior year(s)	203		64	18		67	4																
July	5	208	1	3 -	66	1 -	674	26.2803	0.0619	•	•	30.9861	0.0786	0.0517		2.51 \$	40.49	61 1399	17,713		42 \$	916.51 \$	•
August	5	213		9 -	67	. 0	674	24.3888	0.0591	-	-	30.9605	0.0654						16,438		40 \$	850.55 \$	-
September	81	294		4 -	67	4 -	674	18.4897	0.0520		-	30.0007	0.0684						12,462		35 \$	644.82 \$	*
October	47	341	-	-	67	4 1	659		-		-	30.9580	0.0735								. \$	- \$	
November	40	381	-		67	4 21	631	19.3812	0.0435		-	30.0339	0.0799						12,230		27 \$	632.79 \$	-
December	57	438	-	-	67	4 9	535	27.2140	0.0594		-	30.9873	0.0730						14,559		32 \$	753 34 \$	-
January	25	463	-	-	67	4 25	510	27 6925	0.0546	-	-	31.0320	0.0659						14,123		28 \$	730.77 \$	-
February	50	513	-	-	67	4 17	493	22.6370	0.0492		-	28.2761	0.0785						11,160		24 \$	577.45 \$	-
March	37	550	-	-	67	4 9	484	20.2601	0.0443	83	83	30.9592	0.0852						12,376		28 \$	640.34 \$	507.46
April	27	577		-	67	4	477			37	120	29.9586	0.0885						3,595		3 \$	186.02 \$	226.22
May	45	622	-	-	67	4 :	472	16.9164	0.0405	90	210	31.0014	0.0682						14,495		25 \$	750.00 \$	550.26
June	26	648			67	4 :	471	21.8198	0.0585	104	314	29.9598	0,0718						19,685		35 \$	1,018.53 \$	635.85
Total																					\$	7,701.11 \$	1,919.79

Personalized Energy Report Program	2010 Incremental	2010 Cumulative	2010 impacts per	participant			2010			Total Impact	3				
	Participation	Participation	kwh	kw	LR Rate	UCT	Cost/Part		S Rate	kwh	kw	ŁR		SS	
Cumulative from prior year(s)															
July	0	0	30.9861	0.0786	i	0.0517	4.19 \$	24.29	77.4851	•	-	\$	-	\$	
August	0	0	30.9605	0.0654								\$	-	\$	-
September	0	0	30.0007	0.0684								\$	-	\$	_
October	0	0	30.9580	0.0735							-	\$	-	\$	-
November	0	0	30.0339	0.0799							-	\$	-	\$	
December	0	0	30.9873	0.0730								\$		\$	-
January	0	0	31.0320	0.0659						-	-	\$	-	\$	
February	0	0	28.2761	0.0785							-	\$		\$	-
March	0	0	30.9592	0.0852						-	-	\$		\$	-
April	0	0	29.9586	0.0885						-	-	\$	-	\$	-
May	0	0	31.0014	0.0682							-	\$	-	\$	-
June	7010	7010	29.9598	0.0718						210,019	504	\$	10,866.88	\$	54,317.06
Total												\$	10,866.88	\$	54,317.06

											2010											
Lighting		2007 Participation	2007 Impact per	participant	2008 Participation	2008 Impacts pe	r participant	2009 Participation	2009 impacts per	participant	Incremental	2010 Cumulative	2010 Impacts pe	er participant		2010			Total Impa	cts		
	2007 3 Year Adj.	Base for 2010	kwh	kw	Base for 2010	kwh	kw	Base for 2010 k	wh	kw	Participation	Participation	kwh	kw LF	R Rate UCT	Cost/I	art SS Ra	ite	kwh	kw LR	SS	
Cumulative from prior year(s)		12742																				
July	2,348	10,394	24 3193	0.0792	24,777	57.2242	0.1732	28,580	49.5488	0.1066	9,460	9,460	12 8363	0.0285	0.0184	4 72 \$	18.07	67.2826	3,208,156	8,430 \$	9,132.74 \$	63,649 32
August	545	9,849	24.3193	0.0845	24,777	57.2242	0.1732	28,580	49.5488	0.1039	334	9,794	12 8363	0.0283					3,199,190	8,370 \$	8,967.47 \$	2,247.24
September	3,239	6,610	23.4098	0.0867	24,777	55.4010	0.1733	28,580	47 8965	0.1089		9,794	12.4192	0.0229					3,017,927	8,203 \$	55,626.44 \$	-
October	415	6,195	24.1902	0.0631	24,777	57 2478	0.1733	28,580	49.4931	0.1162	84	9,878	12 7627	0.0285					3,108,867	8,286 \$	57,302.64 \$	565.17
November	643	5,552	23.4098	0.0867	24,777	55.4010	0.1733	28,580	47 8965	0.0939	414	10,292	12.4192	0.0283					2,999,344	7,749 \$	55,283.92 \$	2,785 50
December	322	5,230	24.1902	0.0867	24,777	57.2478	0.1733	28,580	49.4931	0.0939	1,447	11,739	12.8332	0.0284					3,110,103	7,764 \$	57,325.42 \$	9,735.79
January		5,230	24.1902	0.0867	24,777	57.2478	0.1733	28,580	49.4931	0.1035	5,573	17,312	12.8332	0.0287					3,181,622	8,202 \$	8,643.66 \$	37,496.58
February		5,230	22.0620	0.0788	24,777	52.2113	0.1733	28,580	45 1388	0.1119	(226)	17,086	11.7042	0.0285					2,899,069	8,391 \$	53,435 64 \$	(1,520.59)
March	361	4,869	24.1902	0.0841	24,777	57.2478	0.1733	28,580	49.4931	0.1102	5,462	22,548	12.8332	0.0231					3,240,084	8,374 \$	59,721.23 \$	36,749.74
April	68	4,801	23.4098	0.0867	24,777	55.4010	0.1733	28,580	47 8965	0.1024	897	23,445	12 3510	0.0287					3,143,514	8,307 \$	57,941.24 \$	6,035.25
May	1,369	3,432	24.1902	0.0578	24,777	57 2478	0.1733	28,580	49.4931	0.1279	34	23,479	12 8332	0.0285					3,217,271	8,815 \$	59,300.73 \$	228.76
June	3,432		23.4098	0.0841	24,777	55.4010	0.1733	28,580	47.8965	0.1039	1,322	24,801	12.4192	0.0287					3,049,563	7,974 \$	56,209.55 \$	8,894.76
Total																				\$ 6	88,890.68 \$	166,867.52

								2009 Base			2010										
HVAC		2007 Participation	2007 impacts per	participant	2008 Participation	2008 impacts per	r participant	Participation for	2009 impacts per	participant	Incremental	2010 Cumulative	2010 impacts pe	er participant		2010		Total impac	ts		
	2007 3 Year Adj.	Base for 2010	kwh	kw	Base for 2010	ƙwh	kw	2010	kwh	kw	Participation	Participation	kwh	kw LR	Rate UCT	Cost/Part	55 Rate	kwh	kw Li	ss .	
Cumulative from prior year(s)		20																			
July	•	20	187.7823	1.0986	19	706.2701	1.0171	86	4,383.6603	4.1345	2	2	143 2188	0.2837	0.0184	1.08 \$ 64	9.99 49.1480	394,456	397 \$	7,270.61 \$	9.83
August		20	190.0501	1.0986	19	712.6475	1.0171	86	4,423 2433	4.1961	-	2	144.5120	0.2878				398,029	403	7,336.48 \$	
September	•	20	162 1511	1.0986	19	612.2457	1.0171	86	3,800.0722		6	8	124.1524	0.2740				342,675	43 \$	6,316.19 \$	29.49
October	•	16	-		19	-		86	302 6954		2	10	15.9743	0.0321				26,192	0 \$	482.76 \$	9.83
November	*	16		-	19	•	-	86	290.9790		-	10	15.3559	0.0272				25,178	0 \$	464.08 \$	
December	-	16		-	19			86	325.3335			10	17.1829	0.0288				28,151	0 \$	518.87 \$	-
January		16		•	19		-	86	328.1290	-	41	51	17 3165	0.0324				29,102	2 \$	536.41 \$	201.51
February	-	16	-	-	19	-	-	86	289.6480		26	77	15.2857	0.0330				26,087	3 \$	480.83 \$	127.78
March	1	3 3	•	-	19		-	86	299.5308		1	78	15.8072	0.0321				26,993	3 \$	497.53 \$	4.91
April	-	3		-	19	-	-	86	280.8771			78	14.8228	0.0295				25,312	2 5	466.54 \$	
May			158.7308	1.0986	19		-	86	3,685.9052	•	1	79	120.4224	0.2435				326,501	19 5	6,018.07 \$	4.91
June			173.7557	1.0986	19	651.9371	1.0171	86	4,046.4274	3.9908	10	89	132.2011	0.2741				372,145	387	6,859.39 \$	49.15
Total																			\$	37,247.76 \$	437.42

								2009 Base			2010											
Motors		2007 Participation	2007 impacts pe	r participant	2008 Participation	2008 impacts per	r participant	Participation for	2009 impacts pe	r participant	Incremental	2010 Cumulative	2010 impacts p	er participant		26	010		Total Impac	ts		
	2007 3 Year Adj.	Base for 2010	kwh	kw	Base for 2010	kwh	kw	2010	kwh	kw	Participation	Participation	kwh	kw LR	Rate UCT	Co	ost/Part	SS Rate	kwh	kw L	a sc	i
Cumulative from prior year(s)		4																				
July	*	4	113.8301	0.2610	4	39.4810	0.1254	11	4,471.4196	7.4571	-	•	2,790.5564	5.6351	0.0184	19.57 \$	1,165.44	21,647.09	49,799	84	\$ 917.89 \$, -
August	-	4	115.2048	0.2610	4	39,4810	0.1592	11	4,511 7951	7.4571	-	*	2,812.3876	5.7054					50,248	84	\$ 926.18 \$, -
September	-	4	98.2930	0.2610	4	37.9641	0.1582	11	3,876.1483	7.4571	10	10	2,455.0101	5.4685					67,733	138	\$ 1,248.45 \$	21,647.09
October	4		93.6397	0.2610	4	39.2295	0.0288	11	3,715.7886	7.4571		10	2,379.2135	4.9207					64,823	131	\$ 1,194.81 \$, -
November			90.1390	0.2610	4	37.9641	0.1582	11	3,571.9624	7.4571		10	2,289.4204	4.3281					62,338	126	\$ 1,149.01 \$	
December			100.7304	0.2610	4	39.2295	0.1582	11	3,996.9345	7.4571		10	2,532.2609	4.5285					69,445	128	\$ 1,280.03 \$, -
January		-	101 4460	0.2610	4	39.2295	0.2820	11	4,028.0038	7.4571		10	2,549.1741	4.9880					69,957	133	\$ 1,289.44 \$, -
February	-	•	89.8035	0.2610	4	35.7783	0.2563	11	3,555.6238	7.4571	1	11	2,260.6654	5.0093					64,122	138	\$ 1,181.90 \$	2,164.71
March	-		93 2291	0.2610	4	39,2295	0.2734	11	3,676.9414	7.4571	5	16	2,358.0662	4.9501					78,332	162	\$ 1,443.82 \$	10,823.55
April	-	-	87 1372	0.2610	4	37.9641	0.2820	11	3,447.9556	7.4571	-	16	2,221.9148	4.6145					73,630	157	\$ 1,357.15 \$	
May	•	-	96.2196	0.2610	4	39.2295	0.1794	11	3,759.6958	7.4571	2	18	2,403.1152	4.6242					84,770	166	\$ 1,562.47 \$	4,329.42
June		-	105.3274	0.2610	4	37.9641	0.2820	11	4,127.4355	7.4571	-	18	2,591.8034	5.4699					92,206	182	\$ 1,699.54 \$	
Total																					\$ 15,250.70 \$	38,964.77

	2009 Base																			
Other	Participation for	2009 impacts pe	er participant	2010 Incremental	2010 Cumulative	2010 impacts per	participant			2010			Total Impa	acts						
	2010	kwh	kw	Participation	Participation	kwh	kw	LR Rate	UCT	Cost/Part	SS	Rate	kwh	kw LR	55		Custom for Schoo Custo	m for Schools S: Total i	.R Total SS	
Cumulative from prior year(s)																				
July	18,410	21 2170		1	1	1 1055	0.0023	0.01	34	1 67 \$	4.52	3.0270	390,607	0 \$	7,199.67 \$	0.30				
August	18,410	21 2251	-	96	97	1.1104	0.0023						390,861	0 \$	7,204.36 \$	29.06				
September	18,410	20.4996	•	110	207	1.0154	0.0022						377,608	0 \$	6,960.08 \$	33 30				
October	18,410	21 3017		4,210	4,417	1.0143	0.0021						396,645	9 \$	7,310.95 \$	1,274.37				
November	18,410	20.6289	-	1	4,418	0.9787	0.0020						384,102	9 \$	7,079.77 \$	0.30				
December	18,410	21 1678	-	9	4,427	1.0482	0.0020						394,340	9 \$	7,268.48 \$	2.72				
January	18,410	21 1776			4,427	1.0519	0.0021						394,537	9 \$	7,272.11 \$					
February	18,410	19.3490		1	4,428	0.9452	0.0021						360,400	9 \$	6,642.90 \$	0.30				
March	18,410	21.3253		2	4,430	1.0097	0.0021						397,072	9 \$	7,318.84 \$	0.61	#			
April	18,410	20.7157		•	4,430	0.9638	0.0021						385,646	9 \$	7,108.23 \$					
May	18,410	21 2773	-	37	4,467	1.0196	0.0019						396,270	В\$	7,304.04 \$	11 20	3			
June	18,410	20.4708		315	4,782	1.0456	0.0022						381,868	11 \$	7,038.59 \$	95.35				
Total														\$	85,708.01 \$	1,447.51	\$ 28,823.63 \$	52,001.07 \$	114,531 64 \$ 53,448	.58

Other (Custom for Schools)

	2009 Base											
	Participation for	2009 impacts per	participant			2010			Total Impac	ts		
KC	2010	kwh	kw	LR Rate	UCT		Cost	Part	kwh	kw	LR	
Cumulative from prior year(s)												
July	1	95507.5400	308.2065	i	0.0184	3.57	\$	277,579.50	95508	3	08 \$	1,760.39
August	1	96993.5549	311.7540)					96994	3	12 \$	1,787.79
September	1	91599.7561	304.2240)					91600	31	04 \$	1,688.37
October	1	97142.1564	212.5286	5					97142	2	13 \$	1,790.52
November	1	89667.9367	292.7029)					89668	2	93 \$	1,652.76
December	1	95433,2392	290.7517	,					95433	2	91 \$	1,759.03
January	1	92832.7130	320.9741	l					92833	3	21 \$	1,711.09
February	1	86167.0974	217.7431	l					86167	2	18 \$	1,588.23
March	1	97067.8557	252.3106	;					97068	2	52 \$	1,789.15
April	1	94051.6809	318.0249)					94052	3	18 \$	1,733.56
May	1	94615.9310	294.9158	3					94616	2	95 \$	1,743.96
June	1	93977.3801	309.9266	<u> </u>					93977	3:	10 \$	1,732.19
Total											\$	20,737.05

	2009 Base												
	Participation for	2009 impacts per	participant			2010				Total Impa	cts		
cı.	2010	kwh	kw	LR Rate	UCT		Cos	t/Part	t	kwh	kw	LR	
Cumulative from prior year(s)													
July	1	1,432.4552	5.8356		0.0184	2.77	\$		4,911.00	1,432	6	\$	26,40
August	1	1,461.7766	5.9020							1,462	6	\$	26.94
September	1	1,369.9311	6.0611							1,370	6	\$	25.25
October	1	1,464.7087	5.5044							1,465	6	\$	27.00
November	1	1,331.8133	5.7169							1,332	6	\$	24.55
December	1	1,430.9891	5.6022							1,431	6	\$	26.38
January	1	1,379.6768	4.1839							1,380	4	\$	25.43
February	1	1,287.9242	5.6936							1,288	6	\$	23.74
March	1	1,463.2426	5.4452							1,463	5	\$	26.97
InqA	1	1,418.3113	6.0514							1,418	6	\$	26.14
Мау	1	1,414.8624	6.0802							1,415	6	\$	26.08
June	1	1,416.8452	5.8901							1,417	6	\$	26.12
Total												\$	310.99

	2010 Incremental 1 Participation	2010 Cumulative Participation	2010 impacts per g kwh	participant kw LR A	tate UCT	2010 Cost/Pa		S Rate	Total Impacts kwh	kw LR	22	
Cumulative from prior year(s)	1 Participation	Participation	KWII	KW LR F	iate UCI	COSQFA	iii 3	s rate	KWII	KW LR		
July	*	•	10,756.9142	13 8766	0.0184	3 76 \$	25,896.32	71,565 2685		. \$	- \$	•
August	*	•	10,324.2044	13 8766					•	- \$	- \$	-
September	•	•	9,991 1656	13 8766					•	- \$	- \$	~
October		•	10,324.2044	13 8766					•	s .	- \$	
November	•	•	9,991 1656	13 8766					-	- ş	- ş	
December	-	-	10,324.2044	13 8766					•	- 5	- 5	•
January	•	•	10,324.2044 9,415.9166	13 8766					•	- \$ - \$	- \$	•
February March	1	1	10,324.2044	13.8766 13.8766					10,324	14 \$	190.30 \$	7,156.53
April		1	9,991 1656	13.8766					9,991	14 \$	184.16 \$	7,130.33
May		1	10,324.2044	13.8766					10,324	14 \$	190.30 \$	
June	-	1	9,991.1656	13.8766					9,991	14 \$	184.16 \$	
Total										\$	748.91 \$	7,156.53
	2010 Incremental	2010 Cumulative	2010 impacts per p	participant		2010			Total Impacts			
	2 Participation	Participation	kwh	kw LRF	Rate UCT	Cost/Pa	irt S	S Rate	kwh	kw LR	22	
Cumulative from prior year(s)	,				0.000	400 4	220.70	000 5400				
July	•	•	•	•	0.0184	4.06 \$	320.79	980.2100	•	- \$ - \$	- \$	•
August September	•	•		9.0250					•	- \$	- \$	
October	•	:		9.0250						- >		
November				9.0250					-		. 4	
December	:	-		9.0250					-	- 5	Š	
January	÷		(0.0000)	4.6492						- \$	- š	-
February			0.0000	9.0250						- \$	- s	-
March	1	1		9.0250					-	9 \$	- \$	98.02
		1		9.0250						9 \$	- \$	-
April	•									9 \$	- \$	
April May	-	1	-	9.0250								
May	2010 Incremental	1 1				7010			Total Impacts	<u>- \$</u>	- \$	98.02
May June	2010 Incremental 3 Participation	1	2010 Impacts per p kwh		Rate UCT	2010 Cost/Pa	urt S	S Rate	Total Impacts	<u>- \$</u>	- \$	98.02
May June Cumulative from prior year(s)		1 1 2010 Cumulative	2010 impacts per p kwh	participant kw LR F		Cost/Pa				- \$ \$ kw LR	- \$ - \$	98.02
May June Cumulative from prior year(s) July		1 1 2010 Cumulative	2010 impacts per pkwh 1,532.1263	participant kw LR F 2 9079	Rate UCT 0.0184		ert S 2,939.04	S Rate 8,325.7235		- \$ \$	- \$ - \$ SS	98.02
May June Cumulative from prior year(s)		1 1 2010 Cumulative	2010 impacts per p kwh	participant kw LR F		Cost/Pa				- \$ \$ kw LR	- \$ - \$	98.02
June Cumulative from prior year(s) July August		1 1 2010 Cumulative	2010 Impacts per (kwh 1,532.1263 1,565.3568	participant kw LR F 2.9079 3.1000		Cost/Pa				- \$ \$ kw LR - \$ - \$	- \$ - \$ - \$ - \$	98.02
May June Cumulative from prior year(s) July August September		1 1 2010 Cumulative	2010 Impacts per pkwh 1,532 1263 1,565 3568 2,024 8627 2,748 0122 2,150 8526	2.9079 3.1000 4.6582 6.3270 4.2714		Cost/Pa				- \$ \$ kw LR - \$ - \$ - \$	- \$ - \$ - \$ - \$ - \$	98.02
May June Cumulative from prior year(s) July August September October		1 1 2010 Cumulative	2010 Impacts per ₁ kwh 1,592 1263 1,565.3568 2,024.8627 2,748.0122 2,150.8526 2,755.1404	participant kw LR F 2.9079 3.1000 4.6582 6.3270 4.2714 5.1813		Cost/Pa				- \$ \$ kw LR - \$ - \$ - \$ - \$ - \$ - \$	- \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	98.02
Cumulative from prior year(s) July August September October November December January		1 1 2010 Cumulative	2010 Impacts per j kwh 1,532.1263 1,565.3568 2,024.8627 2,748.0122 2,150.8526 2,755.1404 3,835.3773	participant kw LR F 2.9079 3.1000 4.6582 6.3270 4.2714 5.1813 6.6991		Cost/Pa				- \$	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	98.02
May June Cumulative from prior year(s) July August September October November December January February	3 Participation	2010 Cumulative Participation	2010 Impacts per pkwh 1,532 1263 1,565 3568 2,024 8627 2,748 0122 2,150 8526 2,755 1404 3,835 3773 4,310 2880	participant kw LR F 2.9079 3.1000 4.6582 6.3270 4.2714 5.1813 6.6991 8.3447		Cost/Pa				- \$ \$ kw LR - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	- \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - -
Qumulative from prior year(s) July August September October November December January February March		2010 Cumulative Participation	2010 Impacts per j kwh 1,532 1263 1,565 3568 2,024 8627 2,748 0122 2,150 8526 2,755 1404 3,835 3773 4,310 2880 2,628 0741	participant kw L8 F 2.9079 3.1000 4.6582 6.3270 4.2714 5.1813 6.6991 8.3447 5.1216		Cost/Pa			kwh	- \$ kw LR - \$	- \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	98.02
Cumulative from prior year(s) July August September October November December January February March April	3 Participation	2010 Cumulative Participation	2010 Impacts per j kwh 1,532.1263 1,565.3568 2,024.8627 2,748.0122 2,150.8526 2,755.1404 3,885.3773 4,310.2880 2,628.0741 2,039.0572	participant kw LR F 2 9079 3.1000 4.6582 6.3270 4.2714 5.1813 6.6991 8.3447 5.1216 4.3721		Cost/Pa			2,628 2,039	- \$ \$ kw LR - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	- \$ SS	- - - - -
May June Cumulative from prior year(s) July August September October November December January February March April May	3 Participation	2010 Cumulative Participation	2010 Impacts per kwh 1,532 1263 1,565 3568 2,024 8627 2,748 0122 2,150 8526 2,755 1404 3,835 3773 4, 310 2880 2,628.0741 2,039.0572 1,386.5501	participant kw L8 F 2.9079 3.1000 4.6582 6.3270 4.2714 5.1813 6.6991 8.3447 5.1216 4.3721 3.0505		Cost/Pa			2,628 2,039 1,387	- \$ \$ kw LR - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	- \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - -
Cumulative from prior year(s) July August September October November December January February March April	3 Participation	2010 Cumulative Participation	2010 Impacts per j kwh 1,532.1263 1,565.3568 2,024.8627 2,748.0122 2,150.8526 2,755.1404 3,885.3773 4,310.2880 2,628.0741 2,039.0572	participant kw LR F 2 9079 3.1000 4.6582 6.3270 4.2714 5.1813 6.6991 8.3447 5.1216 4.3721		Cost/Pa			2,628 2,039	- \$ \$ kw LR - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	- \$ SS	- - - - -
May June Cumulative from prior year(s) July August September October November December January February March April May	3 Participation	2010 Cumulative Participation 1 1 1 1 2010 Cumulative	2010 Impacts per kwh 1,532 1263 1,565 3568 2,024 8627 2,748 0122 2,150 8526 2,755 1404 3,835 3773 4, 310 2880 2,628.0741 2,039.0572 1,386.5501	participant kw LR F 2.9079 3.1000 4.6582 6.3270 4.2714 5.1813 6.6991 8.3447 5.1216 4.3721 3.0505 2.4723	0.0184	Cost/Pa			2,628 2,039 1,387	- \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ -	832 57
May June Cumulative from prior year(s) July August September October November December January February March April May June	3 Participation	2010 Cumulative Participation 1 1 1	2010 Impacts per j kwh 1,532 1263 1,565 3568 2,024 8627 2,748 0122 2,150 8526 2,755 1404 3,835 3773 4,310 2880 2,628 0741 2,039 0572 1,386 5501 1,205 1025	participant kw LR F 2 9079 3.1000 4.6582 6.3270 4.2714 5.1813 6.6991 8.3447 5.1216 4.3721 3.0505 2.4723	0.0184	3.83 \$	2,939.04		2,628 2,039 1,387 1,205	- \$ \$ \$ w LR - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	- \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	832 57
May June Cumulative from prior year(s) July August September October November January February March April May June Cumulative from prior year(s)	3 Participation	2010 Cumulative Participation 1 1 1 1 2010 Cumulative	2010 Impacts per kwh 1,532,1263 1,565,3568 2,024,8627 2,748,0122 2,150,8526 2,755,1404 3,835,3773 4,310,2880 2,628,0741 2,039,0572 1,386,5501 1,205,1025	participant kw LR F 2.9079 3.1000 4.6582 6.3270 4.2714 5.1813 6.6991 8.3447 5.1216 4.3721 3.0505 2.4723 participant kw LR F	0.0184	2010 Cost/Pa	2,939.04	8,325.7235	2,628 2,039 1,387 1,205	- \$ \$ kw LR - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	- \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ -	832 57
May June Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s)	3 Participation	2010 Cumulative Participation 1 1 1 1 2010 Cumulative	2010 Impacts per kwh 1,532 1263 1,565 3568 2,024 8627 2,748 0122 2,150 8526 2,755 1404 3,835 3773 4,310 2880 2,628 0741 2,039 0572 1,386 5501 1,205 1025 2010 Impacts per kwh	participant kw L8 F 2.9079 3.1000 4.6582 6.3270 4.2714 5.1813 6.6991 8.3447 5.1216 4.3721 3.0505 2.4723 participant kw L8 F 0.9669	0.0184	3.83 \$	2,939.04	8,325.7235	2,628 2,039 1,387 1,205	- \$ \$ kw LR - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	- \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ -	832 57
May June Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August	3 Participation	2010 Cumulative Participation 1 1 1 1 2010 Cumulative	2010 Impacts per kwh 1,532 1263 1,565 3568 2,024 8627 2,748 0122 2,150 8526 2,755 1404 3,835 3773 4,310 2880 2,628 0741 2,039 0572 1,386 5501 1,205.1025 2010 Impacts per kwh	participant kw LR F 2 9079 3 1000 4 5582 6 3270 4 2714 5 1813 6 6991 8 3447 5 1216 4 3721 3 0505 2 4723 participant kw LR F	0.0184	2010 Cost/Pa	2,939.04	8,325.7235	2,628 2,039 1,387 1,205	- \$ \$ kw LR - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	- \$ \$ - \$ -	832 57
May June Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August	3 Participation	2010 Cumulative Participation 1 1 1 1 2010 Cumulative	2010 Impacts per kwh 1,532 1263 1,565 3568 2,024 8627 2,748 0122 2,150 8525 4,310 2880 2,628.0741 2,039.0572 1,285.501 1,205.1025 2010 Impacts per kwh 509.4655 504.6559 620.7270	participant kw LR F 2.9079 3.1000 4.6582 6.3270 4.2714 5.1813 6.6991 8.3447 5.1216 4.3721 3.0505 2.4723 participant kw LR F	0.0184	2010 Cost/Pa	2,939.04	8,325.7235	2,628 2,039 1,387 1,205	- \$ \$ kw LR - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	- \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ -	832 57
May June Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August September October October October October	3 Participation	2010 Cumulative Participation 1 1 1 1 2010 Cumulative	2010 Impacts per j kwh 1,532 1263 1,565.3568 2,074.8627 2,748.0122 2,150.8526 2,755.1404 3,835.3773 4,310.2880 2,628.0741 2,039.0572 1,386.5501 1,205.1025 2010 Impacts per j kwh 509.4655 504.6559 620.7270 502.6893	participant kw LR F 2 9079 3.1000 4.6582 6.3270 4.2714 5.1813 6.6991 8.3447 5.1216 4.3721 3.0505 2.4723 participant kw LR F 0.9669 0.9994 1.4280 1.1574	0.0184	2010 Cost/Pa	2,939.04	8,325.7235	2,628 2,039 1,387 1,205	- \$ \$ kw LR - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	- \$ \$ - \$ -	832 57
May June Cumulative from prior year(s) July August September October November January February March April May June Cumulative from prior year(s) July August September October November Cumulative from prior year(s) July Nagust September October November	3 Participation	2010 Cumulative Participation 1 1 1 1 2010 Cumulative	2010 Impacts per kwh 1,532,1263 1,563,3568 2,024,8627 2,748,0122 2,150,8526 2,755,1404 3,835,3773 4,310,2880 2,628,0741 2,039,0572 1,386,5501 1,205,1025 2010 Impacts per kwh 509,4655 504,6559 620,7270 502,6893 402,4327	participant kw	0.0184	2010 Cost/Pa	2,939.04	8,325.7235	2,628 2,039 1,387 1,205	- \$ kw LR - \$ - \$ -	- \$ \$ - \$ -	832 57
May June Cumulative from prior year[s] July August September October November December January February March April May June Cumulative from prior year[s] July August September October November December December December December December December December December	3 Participation	2010 Cumulative Participation 1 1 1 1 2010 Cumulative	2010 Impacts per kwh 1,532,1263 1,565,3568 2,024,8627 2,748,0122 2,150,8526 2,755,1404 3,835,3773 4,310,2880 2,628,0741 2,039,0572 1,386,5501 1,205,1025 2010 Impacts per kwh 509,4655 504,6555 620,7270 502,6893 402,4327 411,7665	participant kw L8 F 2.9079 3.1000 4.6582 6.3270 4.2714 5.1813 6.6991 8.3447 5.1216 4.3721 3.0505 2.4723 participant kw L8 F 0.9669 0.9994 1.4280 1.1574 0.7992	0.0184	2010 Cost/Pa	2,939.04	8,325.7235	2,628 2,039 1,387 1,205	- \$ \$ kw LR - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	- \$ \$ - \$ -	832 57 832 57
May June Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August September October November December January	3 Participation	2010 Cumulative Participation 1 1 1 1 2010 Cumulative	2010 Impacts per kwh 1,532,1263 1,565,3568 2,024,8627 2,748,0122 2,150,8526 2,755,1404 3,835,3773 4,310,2880 2,628,0741 2,039,0572 1,386,5501 1,205,1025 2010 Impacts per kwh 509,4655 504,6555 620,7270 502,6893 402,4327 411,7665 416,5352	participant kw LR F 2 9079 3 1000 4 5582 6 3270 4 2714 5 1813 6 6991 8 3447 5 1216 4 3721 3 0505 2 4723 participant kw LR F 0 9994 1 4280 1 1574 0 7992 0 7744 0 77275	0.0184	2010 Cost/Pa	2,939.04	8,325.7235	2,628 2,039 1,387 1,205	- \$	- \$ \$ - \$ -	832 57 832 57
May June Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August September October November December January February	3 Participation	2010 Cumulative Participation	2010 Impacts per kwh 1,532 1263 1,565 3568 2,024 8627 2,748 0122 2,150 8555 2,755 1404 3,835 3773 4,310 2880 2,628.0741 2,039.0572 1,386.5501 1,205.1025 2010 Impacts per kwh 509.4655 504.6559 620.7270 502.6893 402.4327 411.7665 416.5352 379.8828	participant kw LR F 2.9079 3.1000 4.6582 6.3270 4.2714 5.1813 6.6991 8.3447 5.1216 4.3721 3.0505 2.4723 participant kw LR F 0.9669 0.9994 1.4280 1.1574 0.7992 0.7744 0.7725	0.0184	2010 Cost/Pa	2,939.04	8,325.7235	2,628 2,039 1,387 1,205 Total Impacts kwh	- \$ \$ kw LR - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	- \$ \$ - \$ -	832 57 832 57
May June Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August September October November December January February March April May June	3 Participation	2010 Cumulative Participation 1 1 1 1 2010 Cumulative	2010 Impacts per kwh 1,532,1263 1,565,3568 2,024,8627 2,748,0122 2,150,8526 2,755,1404 3,835,3773 4,310,2880 2,628,0741 2,039,0572 1,386,5501 1,205,1025 2010 Impacts per kwh 509,4655 504,6555 620,7270 502,6893 402,4327 411,7665 416,5352	participant kw LR F 2 9079 3 1000 4 5582 6 3270 4 2714 5 1813 6 6991 8 3447 5 1216 4 3721 3 0505 2 4723 participant kw LR F 0 9994 1 4280 1 1574 0 7992 0 7744 0 77275	0.0184	2010 Cost/Pa	2,939.04	8,325.7235	2,628 2,039 1,387 1,205	- \$	- \$ \$ - \$ -	832 57
May June Cumulative from prior year(s) July August September October November December January February March April July August September October November December January June	3 Participation	2010 Cumulative Participation 1 1 1 1 1	2010 Impacts per kwh 1,532,1263 1,565,3568 2,024,8627 2,748,0122 2,150,8526 2,755,1404 3,835,3773 4,310,2890 2,628,0741 2,039,0572 1,386,5501 1,205,1025 2010 Impacts per kwh 509,4655 504,6559 620,7270 502,6893 402,4327 411,7665 416,5352 379,8828 399,9274 389,2777	participant kw LR F 2 9079 3.1000 4.6582 6.3270 4.2714 5.1813 6.6991 8.3447 5.1216 4.3721 3.0505 2.4723 participant kw LR F 0.9669 0.9994 1.4280 1.1574 0.7275 0.7355 0.7774	0.0184	2010 Cost/Pa	2,939.04	8,325.7235	Compacts Compac	- S S S LR - S - S - S - S - S - S - S - S - S - S	- \$ \$ - \$ -	832 57
May June Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August September October November December January February March April May June	3 Participation	2010 Cumulative Participation	2010 Impacts per kwh 1,532 1263 1,565 3568 2,024 8627 2,748 0122 2,150 8526 2,755 1404 3,835 3773 4,310 2880 2,628 0741 2,039 90572 1,386 5501 1,205 1025 2010 Impacts per kwh 509,4655 504,6559 620,7270 502,6893 402,4327 411,7665 416,5352 379,8828 389,9274	participant kw LR F 2.9079 3.1000 4.6582 6.3270 4.2714 5.1813 6.6991 8.3447 5.1216 4.3721 3.0505 2.4723 participant kw LR F 0.9969 0.9994 1.4280 1.1574 0.7724 0.7725 0.7735	0.0184	2010 Cost/Pa	2,939.04	8,325.7235		- \$ \$ \$ kw	- \$ \$ - \$ -	832 57

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		2010 incremental	2010 Cumulative	2010 impacts per	participant			2010			Total im	pacts				
	5	Participation	Participation	kwh	kw	LR Rate	UCT	Co	st/Part	SS Rate	kwh	kw	LR		SS	
Cumulative from prior year(s)																
July			•	•			0.0184	3.92 \$	5,058	13 14,745 5146		-	\$	-	\$	
August												-	\$	-	\$	-
September											-	-	\$	-	\$	-
October			•		-						-	-	\$	-	\$	-
November				25,949.7402	154.9387						-	-	\$		\$	-
December		-									-	-	\$	-	\$	-
January		-	•		-						-	-	\$	-	\$	-
February		-		*	-						-	-	\$	-	\$	-
March		*	-	29,188.4598	124.9506						-	~	\$		\$	
April			-								-	-	\$		\$	-
May		1	1								-	-	\$	-	\$	1,474.55
June			1								-		Š		s	
													\$	-	Ś	1,474.55

	2010 Incre	mental	2010 Cumulative	2010 impacts per	participant			2010			Total Impa	icts				
	6 Particip	ation	Participation	kwh	kw	LR Rate	UCT	Cost/Pa	rt	SS Rate	kwh	kw	LR		SS	
Cumulative from prior year(s)																
July		-	*	412.0603	0.7821		0.0184	3.85 \$	758.72	2,162.18			\$		\$	
August		-	-	498.4870	0.9872						-	-	\$	-	\$	
September		-	*	619.1630	1.4244						-		\$		\$	
October		-		515.1609	1.1861							-	\$		\$	-
November				574.0740	1 1401							-	\$		\$	
December			-	738.4672	1.3888								\$		\$	-
January		-	•	927.3559	1.6198						-		\$	-	\$	-
February		-		850.2559	1.6461						-	-	\$		\$	-
March		1	1	661.0292	1.2882						661	1	1 \$	12.18	\$	216.22
April		•	1	503.4093	1.0794						503	1	1 \$	9.28	\$	-
May			1	573 3279	1.2614						573	1	1 \$	10.57	\$	-
June			1	492.5594	1.0105						493	1	1 \$	9.08	\$	-
													\$	41.11	\$	216.22

		2010 Incremental	2010 Cumulative	2010 impacts per	participant			2010			Total Impa	cts				
	. 7	Participation	Participation	kwh	kw	£R Rate	UCT	Cost/P	art S	S Rate	kwh	kw	LR		SS	
Cumulative from prior year(s)																
fuly				1,281.7823	2.4327		0.0184	2.24 \$	3,141.37	3,889.9621	•		\$	-	\$	-
August			-	1,341.1507	2.6560						-	-	\$	-	\$	-
September		-		1,901.6660	4.3748							-	\$		\$	
October				1,475.2046	3.3965						-	-	\$	-	\$	-
lovember		-		1,496.9474	2.9728						-	-	\$	-	\$	-
December		-	-	1,359.2055	2.5561						-	•	\$	-	\$	-
lanuary		-	-	1,289.6332	2.2526						-	-	\$	-	\$	-
February				1,214.9702	2.3522							-	\$		\$	-
March		1	1	1,445.7467	2.8175						1,446	3	\$	26.65	\$	389.00
April		•	1	1,520.4097	3.2601						1,520	3	\$	28.02	\$	
May		-	1	1,671 9981	3.6785						1,672	4	\$	30.82	\$	-
lune			1	1,797.6356	3.6880						1,798	4	\$	33.13	\$	-
													-	118.62	•	389.00

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	2010 Incremental	2010 Cumulative	2010 impacts per				2010			Total Impa				
Cumulative from prior year(s)	8 Participation	Participation	kwh	kw	LR Rate	uct	Cost/Pa	irt S	S Rate	kwh	kw	LR	SS	
July			162 1444	0.3077		0.0184	3.89 \$	263 56	762 5802			\$	· \$	
August			191 1177	0.3785		0.0104	3.03 \$	203 30	702 3002				- \$	
September			267.4482	0.6153							-	Ś	. \$	
October	-		213.9256	0.4925						•	-	Š	- \$	-
November	•	•	207.0427	0.4923						•		Š		-
	-	•		0.4112						•	•		- \$	•
December	•	•	235.6100							•	-	\$	- \$	•
January	•	•	244.1049	0.4264						-	-	\$	- \$	-
February	•	•	248.7112	0.4815						•	-	\$	- \$	
March	1	1	228.1034	0.4445						228		0 \$	4 20 \$	76.26
April	-	1	196.8241	0.4220						197		0 \$	3.63 \$	•
May	-	1	243.7755	0.5363						244		1 \$	4.49 \$	•
June	-	1	236.3924	0.4850						236		0 \$	4.36 \$	<u> </u>
												\$	16.68 \$	76.26
	2010 Incremental		2010 impacts per				2010			Total Impa				
Cumulative from prior year(s)	9 Participation	Participation	kwh	kw	LR Rate	UCT	Cost/Pa	irt S	S Rate	kwh	kw	LR	SS	
July	•		529.9807	1.0059)	0.0184	3 89 \$	753.40	2,175.2669			Ś	- \$	
August		**	613.1941	1.2143			•					Š	- \$	-
September			770.3329	1 7721						_	-	Š	- \$	
October		-	595 1187	1 3702							-	Ś	. \$	
November	•	-	528.4123	1.0494							•	\$		
December	•		603.3611	1.1347							•	Š	. s	
January	-	•	657.4092	1.1483						•	-	Š	- \$	-
	-	•	552.4164	1.0695						•	•	s		•
February	1									617			. \$	
March		_	617.3431	1.2031								1 \$	11.38 \$	217.53
April	-	1	505.0645	1.0830						505		1 \$	9.31 \$	-
May	•	1	760.1551	1.6724						760		2 \$	14.01 \$	•
June														
		1	640.2571	1.3135	<u> </u>					640		\$	11.80 \$ 46.50 \$	217.53
	2010 Incremental 10 Participation	2010 Cumulative Participation	2010 impacts per		LR Rate	UCT	2010 Cost/Pa	ert S	SS Rate	640 Total Impa	acts kw			217.53
Cumulative from prior year(s)		2010 Cumulative	2010 impacts per kwh	participant kw	LR Rate		Cost/Pa			Total Impa		\$	46.50 \$	217.53
		2010 Cumulative	2010 impacts per kwh 47.1943	participant kw 0.0896	LR Rate	UCT 0.0184		ert 5	S Rate 4,784.1652	Total Impa		\$	46.50 \$	217.53
Cumulative from prior year(s)		2010 Cumulative	2010 impacts per kwh	participant kw	LR Rate		Cost/Pa			Total Impa		\$ LR	46.50 \$	217.53
Cumulative from prior year(s)		2010 Cumulative	2010 impacts per kwh 47.1943	participant kw 0.0896	LR Rate		Cost/Pa			Total Impa		LR S	46.50 \$ SS	217.53
Cumulative from prior year(s) July August September		2010 Cumulative	2010 Impacts per kwh 47.1943 50.5414 66.2728	participant kw 0.0896 0.1001 0.1525	LR Rate		Cost/Pa			Total Impa		LR S S	46.50 \$ \$\$ - \$ - \$	217.53
Cumulative from prior year(s) July August September October		2010 Cumulative	2010 impacts per kwh 47.1943 50.5414 66.2728 122.1696	participant kw 0.0896 0.1001 0.1525 0.2813	LR Rate		Cost/Pa			Total Impa		LR S S	46.50 \$ \$\$ - \$ - \$	217.53
Cumulative from prior year(s) July August September October November		2010 Cumulative	2010 Impacts per kwh 47.1943 50.5414 66.2728 122.1696 134.2192	participant kw 0.0896 0.1001 0.1525 0.2813 0.2665	LR Rate		Cost/Pa			Total Impa		LR S S S S	46.50 \$ \$\$ - \$ - \$	217.53
Cumulative from prior year(s) July August September October November December		2010 Cumulative	2010 Impacts per kwh 47.1943 50.5414 66.2728 122.1696 134.2192 2,609.0732	participant kw 0.0896 0.1001 0.1525 0.2813 0.2665 4.9066	LR Rate		Cost/Pa			Total Impa		\$ LR	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	217.53
Cumulative from prior year(s) July August September October November December January		2010 Cumulative	2010 Impacts per kwh 47.1943 50.5414 66.2728 122.1696 134.2192 2,609.0732 3,473.6320	0.0896 0.1001 0.1525 0.2813 0.2665 4.9066 6.0673	LR Rate		Cost/Pa			Total Impa		\$ LR \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46.50 \$ SS - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	217.53
Cumulative from prior year(s) July August September October November Decamber January February		2010 Cumulative Participation	2010 Impacts per kwh 47.1943 50.5414 66.2728 122.1696 134.2192 2,609.0732 3,473.6320 2,392.8498	participant kw 0.0896 0.1001 0.1525 0.2813 0.2665 4.9066 6.0673 4.6326	LR Rate		Cost/Pa			Total impi kwh		\$ LR \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	-
Cumulative from prior year(s) July August September October November December January February March	10 Participation	2010 Cumulative Participation	2010 Impacts per kwh 47.1943 50.5414 66.2728 122.1696 134.2192 2,609.0732 3,473.6320 2,392.8498 2,642.8790	participant kw 0.0896 0.1001 0.1525 0.2813 0.2665 4.9066 6.0673 4.6326 5.1505	LR Rate		Cost/Pa			Total Imp: kwh		\$ LR \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	217.53
Cumulative from prior year(s) July August September October November December January February March April	10 Participation	2010 Cumulative Participation	2010 Impacts per kwh 47.1943 50.5414 66.2728 122.1696 134.2192 2,609.0732 3,473.6320 2,392.8498 2,642.8790 2,071.8619	0.0896 0.1001 0.1525 0.2813 0.2665 4.9066 6.0673 4.6326 5.1505	LR Rate		Cost/Pa			Total Imp: kwh		\$ LR \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46.50 \$ SS - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	-
Cumulative from prior year(s) July August September October November December January February March April May	10 Participation	2010 Cumulative Participation	2010 Impacts per kwh 47. 1943 50. 5414 66.2728 122. 1696 134. 2192 2,609.0732 3,473.6320 2,493. 2,494 2,642. 8790 2,071. 8619 1,678. 2416	participant kw 0.0896 0.1001 0.1525 0.2813 0.2665 4.9066 6.0673 4.6326 5.1505 4.4425 3.6923	LR Rate		Cost/Pa			Total Imp: kwh		\$ S S S S S S S S S S S S S S S S S S S	46.50 \$ SS - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	-
Cumulative from prior year(s) July August September October November December January February March April	10 Participation	2010 Cumulative Participation	2010 Impacts per kwh 47.1943 50.5414 66.2728 122.1696 134.2192 2,609.0732 3,473.6320 2,392.8498 2,642.8790 2,071.8619	0.0896 0.1001 0.1525 0.2813 0.2665 4.9066 6.0673 4.6326 5.1505	LR Rate		Cost/Pa			Total Imp: kwh		\$ LR \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46.50 \$ SS - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	-
Cumulative from prior year(s) July August September October November December January February March April May June	10 Participation	2010 Cumulative Participation	2010 Impacts per kwh 47. 1943 50. 5414 66.2728 122. 1696 134. 2192 2,609.0732 3,473.6320 2,493. 2,494 2,642. 8790 2,071. 8619 1,678. 2416	participant NW 0.0899 0.1000 0.1525 0.2813 0.2655 4.9066 6.0673 4.6326 5.1505 3.6923 3.1965	LR Rate		Cost/Pa	1,763.69		Total Imp: kwh	(AW	\$ LR \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46.50 \$ SS - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	478.42
Cumulative from prior year(s) July August September October November December January February March April May June	10 Participation	2010 Cumulative Participation 1 1 1 1 2010 Cumulative	2010 Impacts per kwh 47.1943 50.5414 66.2728 122.1696 134.2192 2,609.0732 3,473.6320 2,992.8498 2,642.8790 2,071.8619 1,678.2416 1,558.0803	participant kw 0.0896 0.1001 0.1525 0.2615 4.9066 6.0673 4.6326 5.1505 4.4425 3.6923 3.1965	LR Rate	0.0184 UCT	2010 Cost/Pa	1,763.69	4,784.1652	Total Imp: kwh	low	\$ LR \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46.50 \$ SS SS SS SS SS SS SS 146.55 \$	478.42
Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July	10 Participation	2010 Cumulative Participation 1 1 1 1 2010 Cumulative	2010 impacts per kwh 47.1943 50.5414 66.2728 122.1696 134.2192 2,609.0732 3,473.6520 2,392.8498 2,642.8790 2,071.8619 1,678.2416 1,558.0803	Darticipant kw 0.0896 0.1001 0.1525 0.2813 0.2665 4.9066 6.0673 4.6326 5.1505 4.4425 3.6923 3.1965 participant kw	LR Rate	0.0184	Cost/Pe	1,763.69	4,784.1652	Total Imp: kwh	low	\$ LR \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	46.50 \$ SS - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ -	478.42
Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August	10 Participation	2010 Cumulative Participation 1 1 1 1 2010 Cumulative	2010 Impacts per kwh 47.1943 50.5414 66.2728 122.1696 134.2192 2,609.0732 2,409.0732 2,473.6320 2,392.8498 2,642.6790 2,071.8619 1,678.2416 1,558.0803	participant kw 0.0896 0.1000 0.1525 0.2813 0.2655 4.9066 5.1505 3.6923 3.1965 participant kw 0.4983	LR Rate	0.0184 UCT	2010 Cost/Pa	1,763.69	4,784.1652	Total Imp: kwh	low	S S S S S S S S S S S S S S S S S S S	46.50 \$ SS SS SS SS SS SS SS 146.55 \$	478.42
Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August September	10 Participation	2010 Cumulative Participation 1 1 1 1 2010 Cumulative	2010 Impacts per kwh 47.1943 50.5414 66.2728 122.1696 134.2192 2,609.0732 3,473.6320 2,392.8498 2,642.8790 2,071.8619 1,678.2416 1,558.0803	participant kw 0.0896 0.1001 0.1525 0.2813 0.2655 4.9066 6.0673 4.63226 5.1505 3.6923 3.1965 participant kw 0.4983 0.5530	LR Rate	0.0184 UCT	2010 Cost/Pa	1,763.69	4,784.1652	Total Imp: kwh	low	LR	46.50 \$ SS - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ -	478.42
Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August September October	10 Participation	2010 Cumulative Participation 1 1 1 1 2010 Cumulative	2010 Impacts per kwh 47.1943 50.5414 66.2728 122.1696 134.2192 2,609.0732 2,392.8498 2,642.8790 2,071.8619 1,678.2416 1,558.0803	participant kw 0.0899 0.1001 0.1525 0.2813 0.2655 4.9066 6.0673 4.6326 5.1505 3.6923 3.1965 participant kw 0.4988 0.5530 0.9621	LR Rate	0.0184 UCT	2010 Cost/Pa	1,763.69	4,784.1652	Total Imp: kwh	low	LR S S S S S S S S S	46.50 \$ SS - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ -	478.42
Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August September October November	10 Participation	2010 Cumulative Participation 1 1 1 1 2010 Cumulative	2010 Impacts per kwh 47.1943 50.5414 66.2728 122.1696 134.2192 2,609.0732 3,473.6320 2,992.8498 2,642.8790 2,071.8619 1,678.2416 1,558.0803	participant kw 0.0896 0.1001 0.1525 0.2615 0.2655 4.9066 6.0673 4.6326 5.1505 4.4425 3.6923 3.1965 participant kw 0.4983 0.5533 0.5533 0.9621 0.8137	LR Rate	0.0184 UCT	2010 Cost/Pa	1,763.69	4,784.1652	Total Imp: kwh	low	S S S S S S S S S S S S S S S S S S S	46.50 \$ SS - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ -	478.42
Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August September October November December	10 Participation	2010 Cumulative Participation 1 1 1 1 2010 Cumulative	2010 Impacts per kwh 47.1943 50.5414 66.2728 122.1696 134.2192 2,609.0732 2,392.8498 2,642.8790 2,071.8619 1,678.2416 1,558.0803 2010 Impacts per kwh 262.5554 279.2550 418.2133 353.4047 290.2603 295.3107	participant kw 0.08996 0.1001 0.1525 0.2813 0.2655 4.9066 6.0673 4.6326 5.1505 4.4425 3.6923 3.1965 participant kw 0.4983 0.5530 0.9662 0.8137 0.5754	LR Rate	0.0184 UCT	Cost/Pi 3.71 \$ 2010 Cost/Pi	1,763.69	4,784.1652	Total Imp: kwh	low	IR	46.50 \$ SS - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ -	478.42
Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August September October November December January June December January	10 Participation	2010 Cumulative Participation 1 1 1 1 2010 Cumulative	2010 Impacts per kwh 47.1943 50.5414 66.2728 122.1696 134.2192 2,609.0732 3,473.6320 2,392.8498 2,642.6790 2,071.8619 1,678.2416 1,558.0803 2010 Impacts per kwh 262.5554 279.2550 418.2133 353.4047 290.2603 295.3107 311.9234	participant kw 0.0896 0.1000 0.1525 0.2813 0.2655 4.9066 5.1505 4.4425 3.6923 3.1965 participant kw 0.4983 0.5536 0.5536 0.5536 0.5554	LR Rate	0.0184 UCT	Cost/Pi 3.71 \$ 2010 Cost/Pi	1,763.69	4,784.1652	Total Imp: kwh	low	LR	46.50 \$ SS - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ -	478.42
Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August September October November	10 Participation	2010 Cumulative Participation 1 1 1 1 2010 Cumulative	2010 Impacts per kwh 47.1943 50.5414 66.2728 122.1696 134.2192 2,609.0732 3,473.6320 2,392.8498 2,642.8790 2,071.8619 1,678.2416 1,558.0803 2010 Impacts per kwh 262.5554 279.2550 418.2133 353.4047 290.2603 295.3107 311.9234 251.4561	participant kw 0.0896 0.1001 0.1525 0.2813 0.2665 4.9066 6.0673 4.6326 5.1505 4.4425 3.6923 3.1995 participant kw 0.4983 0.5530 0.9622 0.8137 0.5764 0.5548	LR Rate	0.0184 UCT	Cost/Pi 3.71 \$ 2010 Cost/Pi	1,763.69	4,784.1652	Total impukwh	low	IR	46.50 \$ SS - \$ \$ - \$ -	478.42
Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August September October November December January	10 Participation	2010 Cumulative Participation	2010 Impacts per kwh 47.1943 50.5414 66.2728 122.1696 134.2192 2,609.0732 3,473.6320 2,392.8498 2,642.6790 2,071.8619 1,678.2416 1,558.0803 2010 Impacts per kwh 262.5554 279.2550 418.2133 353.4047 290.2603 295.3107 311.9234	participant kw 0.0896 0.1000 0.1525 0.2813 0.2655 4.9066 5.1505 4.4425 3.6923 3.1965 participant kw 0.4983 0.5536 0.5536 0.5536 0.5554	LR Rate	0.0184 UCT	Cost/Pi 3.71 \$ 2010 Cost/Pi	1,763.69	4,784.1652	Total Imp: kwh	low	LR	46.50 \$ SS - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	478.42
Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August September October November December January February	2010 Incremental 11 Participation	2010 Cumulative Participation	2010 Impacts per kwh 47.1943 50.5414 66.2728 122.1696 134.2192 2,609.0732 3,473.6320 2,392.8498 2,642.8790 2,071.8619 1,678.2416 1,558.0803 2010 Impacts per kwh 262.5554 279.2550 418.2133 353.4047 290.2603 295.3107 311.9234 251.4561	participant kw 0.0896 0.1001 0.1525 0.2813 0.2665 4.9066 6.0673 4.6326 5.1505 4.4425 3.6923 3.1995 participant kw 0.4983 0.5530 0.9622 0.8137 0.5764 0.5548	LR Rate	0.0184 UCT	Cost/Pi 3.71 \$ 2010 Cost/Pi	1,763.69	4,784.1652	Total impukwh	low	LR	46.50 \$ SS - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	478.42
Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August September October November December January February March May June	2010 Incremental 11 Participation	2010 Cumulative Participation	2010 Impacts per kwh 47.1943 50.5414 66.2728 122.1696 134.2192 2,609.0732 2,409.0732 2,392.8498 2,642.8790 2,071.8619 1,678.2416 1,558.0803 2010 Impacts per kwh 262.5554 279.2550 418.2133 353.4047 290.2603 295.3107 311.9234 251.4561 283.6108	participant kw 0.0896 0.1000 0.1525 0.2813 0.2655 4.9066 6.0673 4.6326 5.1505 4.44225 3.6923 3.1965 participant kw 0.4983 0.5530 0.9621 0.8137 0.5764 0.5554	LR Rate	0.0184 UCT	Cost/Pi 3.71 \$ 2010 Cost/Pi	1,763.69	4,784.1652	Total imp: kwh 2,643 2,072 1,678 1,558 Total imp: kwh	low	LR	46.50 \$	478.42

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	7010 (2010 Completion	2010 !				7010			T-4-11			
	2010 Incremental 12 Participation	2010 Cumulative Participation	2010 impacts per ; kwh	participant kw	LR Rate	UCT	2010 Cost/F	art	SS Rate	Total Impacts kwh	kw LR	ss	
Cumulative from prior year(s)	at runtipation	1 Little putton			LITTIBLE				33 11412				
July	•	-	23,367 9716	44 3510		0.0184	50.77 \$	1,597.31	79,499 5637	•	- \$	- \$	-
August	•	•	24,156.7789	47 8390						•	- \$	- \$	-
September	•	-	21,336.1251	49.0835						•	- \$	- \$	-
October	•	-	19,928.8384	45 8840						-	- \$	- \$	-
November	•		-	-						•	- \$	- \$	-
December	-	•	-	•						•	- \$	\$ \$	-
January February	•	•	•	-						•		- 5	•
March	1	1	20,469.3942	39.8909						20,469	40 \$	377 29 \$	7,949.96
April	.*	1	19,205 3201	41 1799						19,205	41 \$	353.99 \$	7,545.50
May		1	20,928.9510	46.0453						20,929	46 \$	385.76 \$	-
June		1	21,474.5707	44.0563						21,475	44 \$	395.82 \$	
											\$	1,512.87 \$	7,949.96
	2010 Incremental	2010 Cumulative	2010 impacts per p				2010			Total Impacts			
Cumulative from prior year(s)	13 Participation	Participation	kwh	kw	LR Rate	UCT	Cost/F	art	SS Rate	kwh	kw LR	5.5	
July			24,224.9142	29.0195		0.0184	3.66 \$	57,649.43	153,580.7892		- \$	· \$	
August	•		21,590.5192	29.0195		0.0104	3.00 p	31,043.43	133,300.7032		- ş	· \$	
September			20,894.0508	29.0195							- 5	s	
October			21,590.5192	29.0195							. š	- \$	
November			20,894.0508	29.0195						*	- š	. \$	
December		-	21,590.5192	29.0195							- \$	- \$	
January	•		21,590.5192	29.0195						•	- \$	- \$	
February	-		19,691.0600	29.0195							- \$	- \$	-
	1	1	21,590.5192	29.0195						21,591	29 \$	397 96 \$	15,358.08
March	1									20,894	29 \$	385.12 \$	
March April	•	1	20,894.0508	29.0195									
March April May		1	21,590.5192	29.0195						21,591	29 \$	397 96 \$	•
March April	<u> </u>	1 1	21,590.5192 20,894.0508	29.0195 29.0195			2010			20,894	29 \$ 29 \$ \$	397 96 \$ 385.12 \$ 1,566.15 \$	-
March April May June	•	1	21,590.5192	29.0195 29.0195	LR Rate	уст	2010 Cost/F	'art	SS Rate		29 \$	385.12 \$	-
March April May June Cumulative from prior year(s)	2010 Incremental 14 Participation	1 1 2010 Cumulative Participation	21,590.5192 20,894.0508 2010 Impacts per p kwh	29.0195 29.0195 participant kw	LR Rate		Cost/F			20,894 Total impacts	29 \$	385.12 \$ 1,566.15 \$	-
March April May June Cumulative from prior year(s) July	2010 Incremental	1 1	21,590.5192 20,894.0508 2010 Impacts per (kwh 32,335.7138	29.0195 29.0195 participant	LR Rate	UCT 0.0184		'art	55 Rate 82,300.2056	20,894 Total impacts	29 \$ \$ kw LR	385.12 \$ 1,566.15 \$	-
March April May June Cumulative from prior year(s) July August	2010 Incremental 14 Participation	1 1 2010 Cumulative Participation	21,590.5192 20,894.0508 2010 Impacts per l kwh 32,335.7138 32,335.7138	29.0195 29.0195 participant kw	LR Rate		Cost/F			20,894 Total impacts	29 \$	385.12 \$ 1,566.15 \$ SS - \$ - \$	-
March April May June Cumulative from prior year(s) July August September	2010 Incremental 14 Participation	1 1 2010 Cumulative Participation	21,590.5192 20,894.0508 2010 Impacts per (kwh 32,335.7138 32,335.7138 31,292.6262	29.0195 29.0195 participant kw	LR Rate		Cost/F			20,894 Total impacts	29 \$ \$ kw LR - \$ - \$	385.12 \$ 1,566.15 \$ SS - \$ - \$	-
March April May June Cumulative from prior year(s) July August	2010 Incremental 14 Participation	1 1 2010 Cumulative Participation	21,590,5192 20,894,0508 2010 impacts per i kwh 32,335,7138 32,335,7138 31,292,6262 32,335,7138	29.0195 29.0195 participant kw	LR Rate		Cost/F			20,894 Total impacts	29 \$ \$ kw LR - \$ - \$	385.12 \$ 1,566.15 \$ SS - \$ - \$ - \$ - \$	-
March April May June Cumulative from prior year(s) July August September October	2010 Incremental 14 Participation	1 1 2010 Cumulative Participation	21,590.5192 20,894.0508 2010 Impacts per (kwh 32,335.7138 32,335.7138 31,292.6262	29.0195 29.0195 participant kw	LR Rate		Cost/F			20,894 Total impacts	29 \$ \$ kw LR - \$ - \$	385.12 \$ 1,566.15 \$ SS - \$ - \$ - \$ - \$ - \$ - \$	-
March April May June Cumulative from prior year(s) July August September October November	2010 Incremental 14 Participation	1 1 2010 Cumulative Participation	21,590.5192 20,894.0508 2010 Impacts per ikwh 32,335.7138 32,335.7138 31,292.6262 32,335.7138	29.0195 29.0195 participant kw	LR Rate		Cost/F			20,894 Total impacts	29 \$ \$ kw LR - \$ - \$	385.12 \$ 1,566.15 \$ SS - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	-
March April May June Cumulative from prior year(s) July August September October November December January February	2010 Incremental 14 Participation	2010 Cumulative Participation	21,590,5192 20,894,0508 2010 Impacts per i kwh 32,335,7138 32,335,7138 31,292,6662 32,335,7138 32,335,7138 32,335,7138 32,335,7138 32,935,7138 32,935,7138	29.0195 29.0195 participant kw	LR Rate		Cost/F			20,894 Yotal Impacts kwh	29 \$ \$ kw LR - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	385.12 \$ 1,566.15 \$ SS - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	15,358.08
March April May June Cumulative from prior year(s) July August September October November December January February March	2010 Incremental 14 Participation	2010 Cumulative Participation	21,590,5192 20,894,0508 2010 Impacts per (kwh 32,335,7138 32,335,7138 31,292,6262 32,335,7138 31,292,6262 32,335,7138 32,345,7138 32,345,7138 32,345,7138	29.0195 29.0195 participant kw	LR Rate		Cost/F			20,894 Total impacts kwth	29 \$ \$ kw LR - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	385.12 \$ 1,566.15 \$ SS - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	-
March April May June Cumulative from prior year(s) July August September October November December January February March April	2010 Incremental 14 Participation	2010 Cumulative Participation	21,590,5192 20,894,0508 2010 Impacts per (kwh 32,335,7138 31,292,6262 32,335,7138 31,292,6262 32,335,7138 32,335,7138 32,335,7138 32,335,7138 32,335,7138 32,335,7138	29.0195 29.0195 participant kw	LR Rate		Cost/F			20,894 Total Impacts kwh	29 \$ \$ kw LR - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	385.12 \$ 1,566.15 \$ SS - \$ - \$ - \$ - \$ - \$ - \$ - \$ 5- \$ - \$ - \$ 5- \$ - \$ 5- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	15,358.08
March April May June Cumulative from prior year(s) July August September October November December January February March April May	2010 Incremental 14 Participation	2010 Cumulative Participation	21,590,5192 20,894,0508 2010 Impacts per kwh 32,935,7138 32,935,7138 31,292,6262 32,335,7138 31,292,6262 32,335,7138 32,935,7138 32,935,7138 32,935,7138 32,935,7138 31,292,626 32,335,7138	29.0195 29.0195 participant kw	LR Rate		Cost/F			20,894 Total impacts kwh 32,335.7138 31,292.6262 32,335.7138	29 \$ \$ kw LR - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	385.12 \$ 1,566.15 \$ SS - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	15,358.08
March April May June Cumulative from prior year(s) July August September October November December January February March April	2010 Incremental 14 Participation	2010 Cumulative Participation	21,590,5192 20,894,0508 2010 Impacts per (kwh 32,335,7138 31,292,6262 32,335,7138 31,292,6262 32,335,7138 32,335,7138 32,335,7138 32,335,7138 32,335,7138 32,335,7138	29.0195 29.0195 participant kw	LR Rate		Cost/F			20,894 Total Impacts kwh	29 \$ \$ kw LR - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	385.12 \$ 1,566.15 \$ SS	15,358.08
March April May June Cumulative from prior year(s) July August September October November December January February March April May	2010 Incremental 14 Participation	2010 Cumulative Participation	21,590,5192 20,894,0508 2010 Impacts per kwh 32,935,7138 32,935,7138 31,292,6262 32,335,7138 31,292,6262 32,335,7138 32,935,7138 32,935,7138 32,935,7138 32,935,7138 31,292,626 32,335,7138	29.0195 29.0195 participant kw	LR Rate		Cost/F			20,894 Total impacts kwh 32,335.7138 31,292.6262 32,335.7138	29 \$ \$ kw LR - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	385.12 \$ 1,566.15 \$ SS - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	15,358.08
March April May June Cumulative from prior year(s) July August September October November December January February March April May	2010 Incremental 14 Participation	2010 Cumulative Participation	21,590,5192 20,894,0508 2010 Impacts per kwh 32,335,7138 32,335,7138 31,292,6662 32,335,7138 31,292,6662 32,335,7138 32,335,7138 32,335,7138 32,335,7138 31,292,6662 32,335,7138 31,292,6662	29.0195 29.0195 participant kw		0.0184	2010	27,529.57	82,300.2056	20,894 Total impacts kwh	29 S S	385.12 \$ 1,566.15 \$ 1,566.15 \$ 5 5 5 5 5 5 5 5 5 5 6 5 5 5 6 5 5 6 5 5 6 5 6 5 6 5 6 6 5 6	15,358.08
March April May June Cumulative from prior year(s) July August September October November December January February March April May June	2010 Incremental 14 Participation	2010 Cumulative Participation	21,590,5192 20,894,0508 2010 Impacts per (kwh 32,335,7138 31,292,6262 32,335,7138 31,292,6262 32,335,7138 32,335,7138 32,335,7138 31,292,6262 32,335,7138 31,292,6262 32,335,7138	29.0195 29.0195 participant few 23 7065	LR Rate		3.99 \$	27,529.57		20,894 Total Impacts kwh 32,335,7138 31,292,6262 32,335,7138 31,292,6262	29 \$ \$ kw LR - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	385.12 \$ 1,566.15 \$ SS	15,358.08
March April May June Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s)	2010 Incremental 14 Participation	2010 Cumulative Participation	21,590,5192 20,894,0508 2010 Impacts per i kwh 32,335,7138 32,335,7138 31,292,6262 32,335,7138 32,335,7138 32,335,7138 32,935,7138 31,292,6262 32,335,7138 31,292,6262	29.0195 29.0195 participant kw		0.0184 UCT	2010 Cost/F	27,529.57 27,829.57	82,300.2056	20,894 Total impacts kwh	29 S S	385.12 \$ 1,566.15 \$ 1,566.15 \$ 5 5 5 5 5 5 5 6 7 9 \$ 5 7 6 7 9 \$ 5	15,358.08
March April May June Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July	2010 Incremental 14 Participation	2010 Cumulative Participation	21,590,5192 20,894,0508 2010 Impacts per I kwh 32,335,7138 31,292,6262 32,335,7138 31,292,6262 32,335,7138 29,490,9296 32,335,7138 31,292,6262 32,335,7138 31,292,6262 32,335,7138 31,292,6262	29.0195 29.0195 participant kw		0.0184	2010	27,529.57	82,300.2056	20,894 Total impacts kwh	29 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	385.12 \$ 1,566.15 \$ 1,566.15 \$ 5 5 5 5 5 6 5 5 5 6 5 5 5 6 5 5 5 6 5 5 5 6 5 5 5 6 5 5 6 5 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 6 5 6	15,358.08
March April May June Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August	2010 Incremental 14 Participation	2010 Cumulative Participation	21,590,5192 20,894,0508 2010 Impacts per i kwh 32,335,7138 32,335,7138 31,292,6262 32,335,7138 32,335,7138 32,335,7138 32,935,7138 31,292,6262 32,335,7138 31,292,6262	29.0195 29.0195 participant kw		0.0184 UCT	2010 Cost/F	27,529.57 27,829.57	82,300.2056	20,894 Total impacts kwh	29 S S	385.12 \$ 1,566.15 \$ 1,566.15 \$ 5 5 5 5 5 5 5 6 7 9 \$ 5 7 6 7 9 \$ 5	15,358.08
March April May June Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July	2010 Incremental 14 Participation	2010 Cumulative Participation	21,590,5192 20,894,0508 2010 Impacts per (kwh 32,335,7138 31,292,6262 32,335,7138 31,292,6262 32,335,7138 32,335,7138 32,335,7138 32,335,7138 31,292,6262 32,335,7138 31,292,6262 32,335,7138 31,292,6262 32,335,7138 31,292,6262	29.0195 29.0195 participant few		0.0184 UCT	2010 Cost/F	27,529.57 27,829.57	82,300.2056	20,894 Total impacts kwh	29 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	385.12 \$ 1,566.15 \$ 1,566.15 \$ 5 5 5 5 5 5 5 5 5 76.79 \$ 5 72,345.60 \$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	15,358.08
March April May June Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August	2010 Incremental 14 Participation	2010 Cumulative Participation	21,590,5192 20,894,0508 2010 Impacts per (kwh 32,335,7138 31,192,6262 32,335,7138 31,192,6262 32,335,7138 31,192,6262 32,335,7138 31,192,6262 32,335,7138 31,192,6262 32,335,7138 31,192,6262 32,335,7138 31,292,6262	29.0195 29.0195 participant kw 23 7065		0.0184 UCT	2010 Cost/F	27,529.57 27,829.57	82,300.2056	20,894 Total impacts kwh	29 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	385.12 \$ 1,566.15 \$ 1,566.15 \$ 5 5 5 5 5 5 5 5 6 5 5 5 6 5 5 5 6 5 5 6 5 5 6 5 6 5 6 5 6	15,358.08
March April May June Cumulative from prior year(s) July August September October November December January February February March April May June Cumulative from prior year(s) July August September October	2010 Incremental 14 Participation	2010 Cumulative Participation	21,590,5192 20,894,0508 2010 Impacts per (29.0195 29.0195 participant		0.0184 UCT	2010 Cost/F	27,529.57 27,829.57	82,300.2056	20,894 Total impacts kwh	29 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	385.12 \$ 1,566.15 \$ 1,566.15 \$ 5 5 5 5 5 5 5 5 5 7 6.79 \$ 2,245.60 \$ 5 5 5 5 5 5 5 5 7 6.79 \$ 2,245.60 \$ 5 5 5 5 5 5 7 6.79 \$ 2,245.60 \$ 5 5 5 7 6.79 \$ 2,245.60 \$ 5 5 7 6.79 \$ 5 7 6.79 \$ 5 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7	15,358.08
March April May June Cumulative from prior year(s) July August September October November January February March April May June Cumulative from prior year(s) July August September October November October November October November October November October November October November	2010 Incremental 14 Participation	2010 Cumulative Participation	21,590,5192 20,894,0508 2010 Impacts per (kwh 32,335,7138 32,335,7138 31,292,6262 32,335,7138 32,335,7138 32,335,7138 32,335,7138 32,335,7138 31,292,6262 32,335,7138 31,292,6262 32,335,7138 31,292,6262 32,335,7138 31,292,6262 32,335,7138 31,292,6262 32,335,7138 31,292,6262 32,335,7138 31,292,6262 32,35,7138 31,292,6262 32,35,7138 31,292,6262 32,35,7138 31,292,6262	29.0195 29.0195 participant kw		0.0184 UCT	2010 Cost/F	27,529.57 27,829.57	82,300.2056	20,894 Total impacts kwh	29 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	385.12 \$ 1,566.15 \$ 1,566.15 \$ 5 5 5 5 5 5 5 6 7 9 \$ 5 7 6 7 9 \$ 5 7 6 7 9 \$ 5 7 6 7 9 \$ 5 7 6 7 9 \$ 5 7 6 7 9 \$ 5 7 6 7 9 \$ 7 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6	15,358.08
March April May June Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August September October November December January February March April May June	2010 Incremental 14 Participation	2010 Cumulative Participation	21,590,5192 20,894,0508 2010 Impacts per kwh 32,335,7138 31,192,6262 32,335,7138 31,192,6262 32,335,7138 31,292,6262 32,335,7138 31,292,6262 32,335,7138 31,292,6262 23,235,7138 31,292,6262 2010 Impacts per kwh 1,903,3912 2,326,3670 5,005,2139 4,511,7421 5,146,2058 5,075,7098 5,075,7098 5,075,7098 5,075,7098	29.0195 29.0195 participant kw 23.7065		0.0184 UCT	2010 Cost/F	27,529.57 27,829.57	82,300.2056	20,894 Total Impacts kwh	29 \$ \$ \$ \$ \$ \$ \$ \$ \$	385.12 \$ 1,566.15 \$ 1,566.15 \$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	8,230.02 8,230.02
March April May June Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August September October November December January February March April May June	2010 Incremental 14 Participation	2010 Cumulative Participation	21,590,5192 20,894,0508 2010 Impacts per (29.0195 29.0195 participant few 23 7065		0.0184 UCT	2010 Cost/F	27,529.57 27,829.57	82,300.2056	20,894 Total Impacts kwh	29 5	385.12 \$ 1,566.15 \$ 1,566.15 \$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 6 7 5 5 5 6 7 5 5 6 7 5 5 6 7 5 5 6 7 5 5 6 7 5	15,358.08
March April May June Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August September Cotober November December January February March April August September October November December January February March April April	2010 Incremental 14 Participation	2010 Cumulative Participation	21,590,5192 20,894,0508 2010 Impacts per kwh 32,335,7138 31,192,6262 32,335,7138 31,192,6262 32,335,7138 31,192,6262 32,335,7138 31,192,6262 32,335,7138 31,192,6262 32,335,7138 31,192,6262 2010 Impacts per kwh 1,903,3912 2,326,3670 5,005,2139 4,511,7421 5,146,2058 5,075,7098 4,000,2542 5,146,2058 4,511,7421	29.0195 29.0195 participant kw 23 7065		0.0184 UCT	2010 Cost/F	27,529.57 27,829.57	82,300.2056	20,894 Total impacts kwh	29 S S	385.12 \$ 1,566.15 \$ 1,566.15 \$ 5 1,566.15 \$ 5 1,566.15 \$ 5 1,566.15 \$ 5 1,566.15 \$ 1,566	8,230.02 8,230.02
March April May June Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August September October November December January February March April May June	2010 Incremental 14 Participation	2010 Cumulative Participation	21,590,5192 20,894,0508 2010 Impacts per (29.0195 29.0195 participant few 23 7065		0.0184 UCT	2010 Cost/F	27,529.57 27,829.57	82,300.2056	20,894 Total Impacts kwh	29 5	385.12 \$ 1,566.15 \$ 1,566.15 \$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 6 7 5 5 5 6 7 5 5 6 7 5 5 6 7 5 5 6 7 5 5 6 7 5	8,230.02 8,230.02

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		2010 Incremental	2010 Cumulative	2010 Impacts per				2010			Total Impa			
	16	Participation	Participation	kwh	kw	LR Rate	UCT	Cost/Pa	art	SS Rate	kwh	kw LR	S. S.	5
Cumulative from prior year(s)														
July		-	•	2,741.4128	3.5351		0.0184	3.76 \$	6,611 51	18,265.5048	•	. \$		
August		•	•	2,630.1264	3.5351						-	- \$		
September		•	•	2,545.2836	3.5351							- \$,	
October			-	2,630.1264	3.5351						-	- \$	- \$	\$ -
November		-	-	2,545.2836	3.5351						•	- \$	\$;
December			•	2,630.1264	3.5351						•	- \$	\$	\$.
January				2,630.1264	3.5351							- \$	\$	\$ -
February				2,398.7370	3.5351							- \$	\$. .
March		1	1	2,630.1264	3.5351						2,630	4 \$	48.48 \$	\$ 1,826.55
InqA			1	2,545.2836	3.5351						2,545	4 \$	46.91	. د
May			1	2,630.1264	3.5351						2,630	4 \$	48.48 9	\$ -
June			1	2,545.2836	3.5351						2,545	4 \$	45.91	\$ -
												\$	190.79	\$ 1,826.55
		2010 Incremental	2010 Cumulative	2010 impacts per				2010			Total Impa			
Cumulative from prior year(s)	17	Participation	Participation	kwh	kw	LR Rate	UCT	Cost/Pa	ert	SS Rate	kwh	kw LF	55.	<u> </u>
July			*	*			0.0184	4.06 \$	364.72	1,114.3156		- \$		
		,	•	•			0.0184	4.06 \$	304.72	1,114.5156	•			
August		•	•	-							•	- \$	•	•
September		•	-	•	10.2600						•	- \$	•	•
October			•	•	10.2600						•	- \$	\$	•
November			-	*	10.2600						•	- \$	- \$,
December		*		0.0000	10.2600							- \$		\$-
January		-	-		5.2855	i					•	- \$	\$	\$-
February			-	(0.0000)	10.2600)						. \$		ş -
March		1	1		10.2600)					-	10 \$	\$	\$ 111.43
April		-	1	(0.0000)	10.2600)					(0)	10 \$	(0.00) \$	\$ -
May		-	1		10.2600	l .						10 \$		\$ -
June			1									- \$		\$ -
												\$	(0.00)	\$ 111.4
	18	2010 incremental Participation	2010 Cumulative Participation	2010 impacts per kwh	participant kw	LR Rate	UCT	2010 Cost/Pa		SS Rate	Total Impa kwh	cts kw LF	s 55	-
Cumulative from prior year(s)	10	ranucipation	raticipation	KWII	NW	LN Nate		COSUFE	411	35 Nate	KWII	KW LF		3
July				439.4588	0.8341		0.0184	3 57 \$	5,364.29	13,801.1719		- \$	- 9	4 -
August			_	634.7739	1.2571		0.0407	2.27	3,004.23	20,001:1713		- \$		
September		•	•	830.0889	1.9096						•	- 3	•	•
		•	•	659.1882							•	^ >	•	•
October		-	•		1.5177						•	. \$	- 9	•
November		-	•	756.8458	1 5030						•	- \$,	•
December		-	•	6,396.5673	12.0294						•	- \$	•	•
January		-	•	14,599.7987	25.5010						•	- \$	•	•
February		-	•	8,545.0327	16.5432						•	- \$		
		1	1	5,835.0366	11.3713						5,835	11 \$		
March											1,025	2 \$	18.90	٠.
March April			1	1,025.4039	2 1987						1,023	2 7	10.30	
			1	1,025.4039 610.3595	2 1987 1 3428						610	1 \$		

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	19	2010 Incremental Participation	2010 Cumulative Participation	2010 impacts per kwh	participant kw	LR Rate	UCT	201	D Cost/Part		S Rate	Total Impa kwh	cts kw	LR	ss	
Cumulative from prior year(s)	19	Participation	Participation	KWII	NW	LN Nate	001		Cosgrait		S hate	Ken		- Lit		
July			*	1,298.0149	2 4636		0.0184	3.87	\$ 1	,731 75	4,978.3512	-		. \$	- \$	-
August		-		1,091.3893	2 1613							-		- \$	- \$	-
September				1,493,9830	3.4369									- \$	- \$	-
October				1,276.9429	2.9400							-		- š	- \$	
November				1,177.9212	2 3392									- s	- \$	-
December		-	_	1,276.3446	2 4003									- s	- \$	-
January		_		1,268.4355	2 2155									- s	- \$	-
February		_		1,118.8559	2.1661									- s	- \$	
March		1	1	1,331.2590	2.5944							1,331		3 \$	24.54 \$	497 84
April			1	1,160.7382	2.4888							1,161		2 \$	21.39 \$	-
May			1	2,808.1338	6.1781							2,808		6 \$	51.76 \$	-
June			1	1,458.8318	2.9929							1,459		3 \$	26.89 \$	-
74114				1,131,032										\$	124.58 \$	497 84
		2010 Incremental	2010 Cumulative	2010 impacts per	narticinant			201	0			Total Impa	cts			
	20	Participation	Participation	kwh	kw	LR Rate	UCT		Cost/Part	5	S Rate	kwh	kw	LR	55	
Cumulative from prior year(s)							2000	4.00		220.70	000 3100				· \$	
ylut		•	•	•	-		0.0184	4.06	>	320.79	980.2100	-		- \$		•
August		-	•	-								•		- \$	- \$	•
September			•	•	9.0250							-		- \$	- \$	
October		-	-	•	9.0250							-		- \$	- \$	•
November		•	•	*	9.0250							-		- \$	- \$	•
December		-	•	•	9.0250							•		- \$	- \$	•
January		-	-	-	4.6492							-		- \$	- \$	-
February		*	•	-	9.0250							-		- \$	- \$	-
March		1	1	-	9.0250							-		9 \$	- \$	98.02
April		*	1	0.0000	9.0250							0		9 \$	0.00 \$	-
May					9.0250							-		9 \$	- \$	
iviay			1	-	5.0230											
			1											<u>- \$</u>	- \$ 0.00 \$	98.02
	21	2010 Incremental Participation				LR Rate	ист	201	0 Cost/Part		SS Rate	- Total Impa kwh	icts kw			98.02
June Cumulative from prior year(s)	21	Participation	1 2010 Cumulative Participation	2010 impacts per kwh	participant kw	LR Rate			Cost/Part			kwh		\$ LR	0.00 \$ ss	98.02
June Cumulative from prior year(s) July	21		1 2010 Cumulative	2010 Impacts per kwh 640.1387	participant kw 1.2149	LR Rate	UCT 0.0184		Cost/Part	1,416.28	55 Rate 4,008.4998			\$ £R	0.00 \$	98.02
Cumulative from prior year(s) July August	21	Participation	1 2010 Cumulative Participation	2010 Impacts per kwh 640.1387 656.1329	participant kw 1.2149 1.2994	LR Rate			Cost/Part			kwh		\$ LR - \$ - \$	0,00 \$	98.02
Cumulative from prior year(s) July August September	21	Participation	1 2010 Cumulative Participation	2010 impacts per kwh 640 1387 656 1329 1,130 3413	participant kw 1.2149 1.2994 2.6003	LR Rate			Cost/Part			kwh		\$ LR - \$ - \$ - \$	0.00 \$	98.02
Cumulative from prior year(s) July August September October	21	Participation	1 2010 Cumulative Participation	2010 impacts per kwh 640 1387 656 1329 1,130 3413 1,017 9115	participant kw 1 2149 1 2994 2 6003 2 3436	LR Rate			Cost/Part			kwh		\$ LR - \$ - \$ - \$ - \$	0.00 \$	98.02
Cumulative from prior year(s) July August September October November	21	Participation	1 2010 Cumulative Participation	2010 Impacts per kwh 640 1387 656 1329 1,130 3413 1,017 9115 1,045 5573	participant kw 1 2149 1 2994 2 6003 2 3436 2 0764	LR Rate			Cost/Part			kwh		\$ - \$ - \$ - \$ - \$ - \$	0.00 \$	98.02
Cumulative from prior year(s) July August September October November December	21	Participation	1 2010 Cumulative Participation	2010 impacts per kwh 640 1387 656.1329 1,130 3413 1,017 9115 1,045.5573 1,467 9103	participant kw 1 2149 1 2994 2 6003 2 3436 2.0764 2.7606	LR Rate			Cost/Part			kwh		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	0.00 \$	98.02
June Cumulative from prior year(s) July August September October November December January	21	Participation	1 2010 Cumulative Participation	2010 impacts per kwh 640.1387 656.1329 1,130.3413 1,047.9115 1,045.5573 1,467.9103	participant low 1 2149 1 2994 2 6003 2 3436 2 .0764 2 .7606 3 .2562	LR Rate			Cost/Part			kwh		\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	0.00 \$	98.02
Cumulative from prior year(s) July August September October November December January February	21	Participation	2010 Cumulative Participation	2010 impacts per kwh 640 1387 656 1329 1,130 3413 1,017 9115 1,045 5573 1,467 9103 1,864 2628 1,885 1594	participant kw 1 2149 1 2994 2 6003 2 3436 2 .0764 2 .7606 3 .2562 3 .5935	LR Rate			Cost/Part			lowh - - - - - - - - -		- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	0.00 \$	
June Cumulative from prior year(s) July August September October November December January February March	21	Participation	2010 Cumulative Participation	2010 impacts per lowh 640.1387 656.1329 1,130.3413 1,017.9115 1,045.5573 1,467.9103 1,864.2628 1,856.1594	participant kw 1 2149 1 2994 2 6003 2 3436 2 .0764 2 .7606 3 .2562 3 .5935 2 .6180	LR Rate			Cost/Part			kwh		S LR - S - S - S - S - S - S - S - S - S -	0.00 \$ SS - \$ 5 - \$ 5 - \$ 5 - \$ 5 - \$ 5 - \$ 24.76 \$	98.02
Cumulative from prior year(s) July August September October November December January February March April	21	Participation	2010 Cumulative Participation	2010 impacts per kwh 640.1387 656.1329 1,130.3413 1,017.9115 1,467.9103 1,864.2628 1,856.1594 1,243.4037 999.0744	participant kw 1 2149 1 2994 2 6003 2 3436 2 .0766 3 .2562 3 .5935 2 .6180 2 .1422	LR Rate			Cost/Part			kwh 1,343 999		\$ IR - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	0.00 \$ SS - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	
Cumulative from prior year(s) July August September October November December January February March April May	21	Participation	2010 Cumulative Participation	2010 impacts per kwh 640 1387 656 1329 1,130 3413 1,017 9115 1,045 5573 1,864 2628 1,856 1594 1,343,4037 999,0744 981 3789	participant kw 1 2149 1 2994 2 6003 2 3436 2 .0764 2 .7606 3 .2562 2 .6180 2 .1422 2 .1591	LR Rate			Cost/Part					- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	0.00 \$ SS - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	
June Cumulative from prior year(s) July August September October November December January February March	21	Participation	2010 Cumulative Participation	2010 impacts per kwh 640.1387 656.1329 1,130.3413 1,017.9115 1,467.9103 1,864.2628 1,856.1594 1,243.4037 999.0744	participant kw 1 2149 1 2994 2 6003 2 3436 2 .0766 3 .2562 3 .5935 2 .6180 2 .1422	LR Rate			Cost/Part			kwh 1,343 999		\$ IR - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	0.00 \$ SS - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	
Cumulative from prior year(s) July August September October November December January February March April May	21	Participation	2010 Cumulative Participation	2010 impacts per kwh 640 1387 656 1329 1,130 3413 1,017 9115 1,045 5573 1,467 9103 1,864 2628 1,856 1594 1,343,4037 999,0744 981 3789 855,8538	participant kw 1 2149 2 6003 2 3436 2 7606 3 2566 3 2562 2 6100 2 1422 2 1591 1 .7558	LR Rate		3 83	Cost/Part \$			1,343 999 981 856	kw	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	0.00 \$ SS - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	400.85
Cumulative from prior year(s) July August September October November December January February March April May	21	Participation	2010 Cumulative Participation	2010 impacts per kwh 640 1387 656 1329 1,130 3413 1,017 9115 1,045 5573 1,864 2628 1,856 1594 1,343,4037 999,0744 981 3789	participant kw 1 2149 2 6003 2 3436 2 7606 3 2566 3 2562 2 6100 2 1422 2 1591 1 .7558	LR Rate		3 83	Cost/Part \$	1,416.28			kw	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	0.00 \$ SS - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	400.85
Cumulative from prior year(s) July August September October November December January February March April May June		Participation	2010 Cumulative Participation	2010 impacts per kwh 640 1387 656 1329 1,130 3413 1,017 9115 1,045 5573 1,864 2628 1,856 1594 1,343,4037 99,0744 981 3789 855.8538	participant kw 1 2149 1 2594 2 6003 2 3436 2 7606 3 2562 3 5933 2 6180 2 1422 2 1591 1 7558 participant kw	LR Rate	0.0184 UCT	3 83	Cost/Part \$ 0 Cost/Part	1,416.28	4,008.4998	Cowh Cowh	kw	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	0.00 \$ SS SS SS SS SS SS SS SS SS	- - - - - - - - - - - - - - - - - - -
Cumulative from prior year(s) July August September October November December January February March April May June		Participation	2010 Cumulative Participation	2010 impacts per kwh 640 1387 656 1329 1,130 3413 1,017 9115 1,045 5573 1,467 9103 1,864 2628 1,856 1594 1,343,4037 999.0744 981 3789 855,8538	participant kw 1 2149 1 2994 2 6003 2 3436 2 7056 3 2562 3 5.995 2 6180 2 1422 2 1599) 1 .7558 participant kw 28.5000	LR Rate	0.0184	3 83	Cost/Part \$ 0 Cost/Part	1,416.28	4,008.4998	iowh	kw	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	0.00 \$ SS SS SS SS SS SS SS SS SS	- - - - - - - - - - - - - - - - - - -
Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August		Participation	2010 Cumulative Participation	2010 impacts per kwh 640 1387 656 1329 1,130 3413 1,017 9115 1,045 5573 1,864 2628 1,856 1594 1,343,4037 99,0744 981 3789 855.8538	participant kw 1 2149 1 2994 2 6003 2 3436 2 7606 3 2562 3 5933 2 6180 2 1422 2 1591 1 7558 participant kw 28.5000	LR Rate	0.0184 UCT	3 83	Cost/Part \$ 0 Cost/Part	1,416.28	4,008.4998	Cowh Cowh	kw	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	55 55 55 5 5 5 5 5 5 5 5 5 5	- - - - - - - - - - - - - - - - - - -
Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August		Participation	2010 Cumulative Participation	2010 impacts per kwh 640 1387 656 1329 1,130 3413 1,017 9115 1,045 5573 1,864 2628 1,856 1594 1,343,4037 99,0744 981 3789 855.8538	participant low 1 2149 1 2500 2 3436 2 70764 2 7000 3 2562 3 9353 2 6180 2 14422 2 15991 1 .7558 2 8.5000 2 8.5	LR Rate	0.0184 UCT	3 83	Cost/Part \$ 0 Cost/Part	1,416.28	4,008.4998	Cowh Cowh	kw	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	0.00 \$ SS SS SS SS SS SS SS SS SS	- - - - - - - - - - - - - - - - - - -
Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August September October		Participation	2010 Cumulative Participation	2010 impacts per kwh 640 1387 656 1329 1,130 3413 1,017 9115 1,045 5573 1,864 2628 1,856 1594 1,343,4037 99,0744 981 3789 855.8538	participant kw 1 2149 1 2959 2 6003 2 3436 2 7606 3 2566 3 2562 3 5933 2 6180 2 1422 2 1591 1.7558 participant kw 28.5000 28.5000 28.5000 28.5000	LR Rate	0.0184 UCT	3 83	Cost/Part \$ 0 Cost/Part	1,416.28	4,008.4998	Cowh Cowh	kw	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	55 55 55 5 5 5 5 5 5 5 5 5 5	400.85
Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August September October November		Participation	2010 Cumulative Participation	2010 impacts per kwh 640 1387 656 1329 1,130 3413 1,017 9115 1,045 5573 1,864 2628 1,856 1594 1,343,4037 99,0744 981 3789 855.8538	participant low 1 2149 1 2500 2 2436 2 7606 3 2562 2 1591 1 7558 2 1500 2 2 5000 2 8	LR Rate	0.0184 UCT	3 83	Cost/Part \$ 0 Cost/Part	1,416.28	4,008.4998	Cowh Cowh	kw	- \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$	0.00 \$ \$\$55 \$\$5 \$\$5 \$\$5 \$\$5 \$\$5 \$\$5	400.85
Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August September October November December		Participation	2010 Cumulative Participation	2010 impacts per kwh 640 1387 656 1329 1,130 3413 1,017 9115 1,045 5573 1,864 2628 1,856 1594 1,343,4037 99,0744 981 3789 855.8538	participant kw 1 2149 2 6003 2 3436 2 7606 3 5035 2 6180 2 1422 2 1591 1 7558 participant kw 28.5000 28.5000 28.5000 28.5000 28.5000 28.5000 28.5000	LR Rate	0.0184 UCT	3 83	Cost/Part \$ 0 Cost/Part	1,416.28	4,008.4998	Cowh Cowh	kw	- S - S - S - S - S - S - S - S - S - S	0.00 \$	400.85
Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August September October November December January		Participation	2010 Cumulative Participation	2010 impacts per kwh 640 1387 656 1329 1,130 3413 1,017 9115 1,045 5573 1,864 2628 1,856 1594 1,343,4037 99,0744 981 3789 855.8538	participant kw 1 2149 1 2500 2 2 4500 2 2 5000 2 8 5000 2 4 5600 2 4 5600 2 4 5600 2 4 5600 2 4 5600 2 4 5600 2 4 5600 2 4 5600 2 4 5600 2 4 5600 2 4 5600 2 4 5600 2 4 5600 2 5 5000 2	LR Rate	0.0184 UCT	3 83	Cost/Part \$ 0 Cost/Part	1,416.28	4,008.4998	Cowh Cowh	kw	- S - S - S - S - S - S - S - S - S - S	0.00 \$ \$\$55 \$\$5 \$\$5 \$\$5 \$\$5 \$\$5 \$\$5	- - - - - - - - - - - - - - - - - - -
Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August September October November December January		Participation	2010 Cumulative Participation	2010 impacts per kwh 640 1387 656 1329 1,130 3413 1,017 9115 1,045 5573 1,864 2628 1,856 1594 1,343,4037 99,0744 981 3789 855.8538	participant low 1 2149 1 2500 2 3 436 2 2 1492 2 1599 1 1.7558 2 8 5000 2 8	LR Rate	0.0184 UCT	3 83	Cost/Part \$ 0 Cost/Part	1,416.28	4,008.4998	Cowh Cowh	kw	- S - S - S - S - S - S - S - S - S - S	0.00 \$ SS SS SS SS SS SS SS SS SS	400.85
Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August September October November December January February		Participation	2010 Cumulative Participation	2010 impacts per kwh 640 1387 656 1329 1,130 3413 1,017 9115 1,045 5573 1,864 2628 1,856 1594 1,343,4037 99,0744 981 3789 855.8538	participant kw 1 2149 1 2500 2 2 4500 2 2 5000 2 8 5000 2 4 5600 2 4 5600 2 4 5600 2 4 5600 2 4 5600 2 4 5600 2 4 5600 2 4 5600 2 4 5600 2 4 5600 2 4 5600 2 4 5600 2 4 5600 2 5 5000 2	LR Rate	0.0184 UCT	3 83	Cost/Part \$ 0 Cost/Part	1,416.28	4,008.4998	Cowh Cowh	kw	- S - S - S - S - S - S - S - S - S - S	0.00 \$ \$\$55 \$\$5 \$\$5 \$\$5 \$\$5 \$\$5 \$\$5	- - - - - - - - - - - - - - - - - - -
Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August		Participation	2010 Cumulative Participation	2010 impacts per kwh 640 1387 656 1329 1,130 3413 1,017 9115 1,045 5573 1,864 2628 1,856 1594 1,343,4037 99,0744 981 3789 855.8538	participant low 1 2149 1 2500 2 3 436 2 2 1492 2 1599 1 1.7558 2 8 5000 2 8	LR Rate	0.0184 UCT	3 83	Cost/Part \$ 0 Cost/Part	1,416.28	4,008.4998	Cowh Cowh	kw	- S - S - S - S - S - S - S - S - S - S	0.00 \$ SS SS SS SS SS SS SS SS SS	400.85
Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August September October November December January February March April May June		Participation	2010 Cumulative Participation	2010 impacts per kwh 640 1387 656 1329 1,130 3413 1,017 9115 1,045 5573 1,864 2628 1,856 1594 1,343,4037 99,0744 981 3789 855.8538	participant kw 1 2149 1 2994 2 6003 2 3436 2 7606 3 2562 3 5935 2 6180 2 1422 2 1591 1 7558 participant kw 28.5000 28.5000 28.5000 28.5000 28.5000 28.5000 28.5000 28.5000 28.5000 28.5000 28.5000 28.5000 28.5000 28.5000	LR Rate	0.0184 UCT	3 83	Cost/Part \$ 0 Cost/Part	1,416.28	4,008.4998	Cowh Cowh	kw	S LR - S S - S S 2 S S LR - S S - S S - S S 2 S S S LR - S S	55 55 55 55 5 5 5 5 5 5 5 5 5 5 5 5 5	400.85
Cumulative from prior year(s) July August September October November December January February March April May June Cumulative from prior year(s) July August September October November December January February January		Participation	2010 Cumulative Participation	2010 impacts per kwh 640 1387 656 1329 1,130 3413 1,017 9115 1,045.5573 1,467 9103 1,864 2628 1,856 1594 1,343.4037 999.0744 981.3769 855.8538 2010 impacts per kwh	participant low 1 2149 1 2994 2 6003 2 3436 2 10764 2 7006 3 2562 3 1939 2 6180 2 1422 2 1599 1 .7755 participant low 28.5000	LR Rate	0.0184 UCT	3 83	Cost/Part \$ 0 Cost/Part	1,416.28	4,008.4998	Sowh	kw	- S - S - S - S - S - S - S - S - S - S	55 - \$ \$ - \$ \$ - \$ \$ - \$ \$ 18.41 \$ 15.78 \$ 5 15.78 \$ 5 15.78 \$ 5 15.78 \$ 5 15.78 \$ 5 15.78 \$ 5 15.78 \$ 5 15.78 \$ 5 15.78 \$ 5 15 15 15 15 15 15 15 15 15 15 15 15 1	400.85

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		2010 Incremental	2010 Cumulative	2010 impacts per	participant			2010)			Total Impact	rs				
	23	Participation	Participation	kwh	kw	LR Rate	UCT		Cost/Pa	ert	SS Rate	kwh	kw	LR		SS	
Cumulative from prior year(s)																	
July			•	534 5774	1 0148	5	0.0184	3 86	\$	1,051.56	3,003 3077	•	•	\$	-	\$	-
August		-	•	641.4929	1.2704	;						-		\$		\$	-
September			-	1,107.7632	2.548	•						-		\$		\$	-
October			-	902.8418	2.078	7							-	\$		\$	-
November			-	798.8962	1.5865	5							-	\$		\$	-
December			-	925 8163	1.741	ι								\$	-	\$	•
January		-	*	1,241,4075	2.168	3								\$	-	\$	-
February			-	769.1975	1.4892	2							,	\$		\$	-
March		1	1	896.9021	1.7479	•						897		2 \$	16.53	\$	300.33
April			1	775.1372	1.6620)						775	:	\$ \$	14.29	\$	-
May			1	972.6339	2.139	9						973		\$	17.93	\$	-
June		-	1	972.6339	1.995	1						973		\$ \$	17.93	\$	
														\$	65.67	\$	300.33

		2010 Incremental	2010 Cumulative	2010 impacts per	participant			2010			Total Impa	cts				
	24	Participation	Participation	kwh	kw	LR Rate	UCT	Co	st/Part	SS Rate	kwh	kw	LR		SS	
Cumulative from prior year(s)																
July				762 9558	1.4480		0.0184	3 83 \$	3,197.27	9,062.5448			\$	-	\$	-
August				915.5469	1.8131								\$	-	\$	-
September				1,581.0139	3.6371						-	-	\$	-	\$	-
October				1,288.5475	2.9667	•					-	-	\$		\$	-
November				1,140.1950	2 2643							-	\$	-	\$	~
December			-	1,321 3369	2.4849	•					-	-	\$	-	\$	-
January			-	1,771.7529	3.0947	•						-	\$		\$	-
February			-	1,097.8086	2.1254							-	\$		\$	
March		1	1	1,280.0702	2.4946	i					1,280		2 \$	23 59	\$	906.25
April		-	1	1,106.2859	2.3721						1,106		2 \$	20.39	\$	-
May			1	1,388.1557	3.0540	1					1,388		з \$	25 59	\$	-
June			1	1,388.1557	2.8479	1					1,388		3 \$	25.59	\$	
													-	05.10	_	25.300

		2010 incremental	2010 Cumulative	2010 impacts pe	r participant			201	.0			Total impa	icts				
	25	Participation	Participation	kwh	kw	LR Rate	UCT		Cost/Par	t	SS Rate	kwh	kw	LR		SS	
Cumulative from prior year(s)																	
July		•			-		0.0184	4.04	\$	372.70	1,133 7187	-	-	\$		\$	-
August		-		-	-							-	-	\$	-	\$	-
September		-		•	10.4500)						-	-	\$	-	\$	•
October			-		10.4500)						-	-	\$	-	\$	
November			-		10.4500)						-	-	\$	•	\$	-
December			-		10.4500)						-	-	\$		\$	
January				•	5.3833	3						-	-	\$		\$	
February		-	-		10.4500)						-	-	\$		\$	
March		1	1		10.4500)							1	0 \$		\$	113.37
April		-	1	0.0000	10.4500)						0	1	0 \$	0.00	\$	
May			1		10.4500)							1	0 \$		\$	•
lune		-	1	-								-		\$		\$	
														\$	0.00	\$	113.37

PowerShare*	2010 incremental	2010 Cumulative	2010 impacts per p	participant			2010			Total Imp	acts				
	Participation	Participation	kwh	kw	LR Rate	UCT	Cos	t/Part	SS Rate	kwh	kw	LR		ss	
Cumulative from prior year(s)															
July	12	12	0	1079.75	0.0	18432	4.75	29834.25917	111,878.4719	0	12957	\$	•	\$ 13/	4,254.17
August	0	12	0	1079.75						0	12957	\$	-	\$	-
September	0	12	0	1079.75						0	12957	\$		\$	-
October	0	12	0	0						0	0	\$		\$	-
November	o	12	0	0						0	0	\$		\$	
December	0	12	0	0						0	0	\$	-	\$	
January	o	12	0	0						0	0	\$	-	\$	-
February	0	12	0	0						0	0	\$	-	\$	
March	0	12	0	0						0	0	\$		\$	-
April	0	12	0	0						0	0	\$	-	\$	
May	o	12	0	0						0	0	\$		\$	
June	O	12	0	1079.75						0	12957	\$	-	\$	
												•	-	\$ 134	4 754 17

Case No. 2010-00445 STAFF-DR-01-007 Attachment 11 of 11

Duke Energy Kentucky Case No. 2010-00445 Staff First Set Data Requests Date Received: January 5, 2011

STAFF-DR-01-008

REQUEST:

Refer to the Commercial Programs – High Efficiency Program on Appendix B, page 1, of the application.

- a. The actual program expenditures in Column 4 are \$719,739 and the projected program costs were \$903,772 in Column 1. Explain why the actual program costs were significantly lower than projected. Include in the explanation whether the participation rate in the programs met expectations.
- b. The actual lost revenues in Column 5 are \$815,924 or 113 percent of actual program expenditures, and the projected lost revenues were \$657,466, or 73 percent of projected program costs. Compare and explain how the projected lost revenues were determined by program and how the actual lost revenues were calculated by program.
- c. Explain how actual lost revenues exceeded actual program expenditures in the filing period and whether such an outcome is normally expected.
- d. Provide the individual program expenditures for the High Efficiency program that are omitted in Column 4.

RESPONSE:

a. The projected program costs of \$903,772 are from a previous filing, Case No. 2006-00426 in which the Company received approval to expand the budget for this program due to an increase in demand for energy efficiency by customers. For the previous reconciliation (July 2008 to June 2009), approximately 95% of the budget was spent. For this filing, participation rates did not meet expectations for Smart \$aver programs due to the poor economy and companies holding the line on overall expenditures including equipment replacements and upgrades.

b. The projected lost revenues total of \$657,466 were developed in Case No. 2007-00369. This projection did not consider the full impact of recovery of lost margins for a three

year period. If the Company had included a more accurate projection of lost margins for this period, it would have been \$865,591. However, the Company had been keeping the projected number to that provided in the previous filing. For future filings, this can be updated to be closer.

- c. Lost revenues for a program are accumulated for three year's worth of participants (assuming no rate case), while program expenditures reflect costs for just one year's worth of participants. This type of difference is normally expected.
- d. The below numbers are also updated in Attachment STAFF-DR-001-005(b)(1), Appendix B Reconciliation 2010 Revised.

		(4)
	Progran	n Expenditures
High Efficiency	•	•
Program	_7/09 th	ough 6/10 (B)
Lighting	\$	447,428
HVAC	\$	20,978
Motors	\$	57,849
Other	\$	184,164

These program expenditures were utilized in the cost-effectiveness analyses reported in Appendix A. The total for costs for these programs used in the cost-effectiveness analyses will not match the total on Appendix B Reconciliation 2010 - Revised due to the timing of the payment of expenditures relative to the timing of actual customer participation. At the end of a reporting year (July to June), program participants may not be paid an incentive until the next reporting year.

Duke Energy Kentucky Case No. 2010-00445 Staff First Set Data Requests Date Received: January 5, 2011

STAFF-DR-01-009

REQUEST:

Refer to the Commercial Programs – PowerShare on Appendix B, page 1, of Duke Kentucky's application.

- a. The actual program expenditures in Column 4 are \$73,320 and the projected program costs in Column 1 were \$265,000. Since the actual program expenditures were so much less than the projected program costs, was the difference due to the fee that was charged as part of the Energy Profiler Online product? Explain the difference.
- b. Did the customers who left the PowerShare program migrate to the Call Option Program?
- c. The projected shared savings in Column 3, or 41 percent of projected program costs, were \$107,641 and the actual shared savings are \$14,077, or 19 percent of actual program expenditures. Explain how the projected shared savings were determined and how the actual shared savings were calculated.

RESPONSE:

a. Please refer to Attachment STAFF-DR-001-005(b)(1), Appendix B Reconciliation 2010 – Revised, page 1 which shows the corrected value for actual program expenditures in Column 4 as \$344,772. The actual expenditures are higher than projected program costs due to increased capacity credits, reflecting 13.6 MW of curtailable CallOption load vs. 12.2 MW in the previous year, and enhancements to information systems to track participation, settlement and perform customer notifications.

The discrepancy between the original reported number and the corrected value is attributed to only reporting associated labor costs and not including the program incentives paid to customers. A revised Appendix A is included as Attachment STAFF-DR-001-009(a) for the corrected cost effectiveness scores based upon the corrected program expenditure from Attachment STAFF-DR-001-005(b)(1), Appendix B Reconciliation 2010 – Revised.

- b. Customers who left the QuoteOption program primarily left PowerShare altogether, although a small number did migrate to CallOption.
- C. The projected and actual shared savings calculations utilize the same formula. In the case of a demand response program with no lost revenues, the formula can be summarized as:
 - 1. Net Benefit = NPV of Avoided Costs NPV of Program Costs
 - 2. Once the Net Benefit is determined, it is annualized over the useful life of the program. In this case, "annualized" is defined as the fixed annual payment stream value that would be equivalent to receiving the Net Benefit.
 - 3. Shared Savings = Annualized Net Benefit * Shared Savings Percentage

PERSON RESPONSIBLE: a,b: Rich Philip

c: Bruce Sailers

Appendix A

Cost Effectiveness Test Results

PowerShare	Custom Incentives for Schools	Other	Motors	HVAC	Lighting	C&I High Efficiency Incentive (for Businesses and Schools)	Personal Energy Report (PER)	Energy Efficiency Website	Energy Star Products	Power Manager	Residential Comprehensive Energy Education Program (NEED)	Residential Home Energy House Call	Refrigerator Replacement	Residential Conservation and Energy Education	Program
4.75	4.20	1.67	19.57	1.08	4.72		4.19	2.51	6.25	1.95	0.37	0.98	0.95	1.40	UCT
4.75	0.41	0.90	10.91	1.57	2.00		8.87	3.32	3.56	2.20	0.37	1.19	0.95	1.40	TRC
Tribales :					1.30		-	_	_		_			•	
NA	0.43	1.44	12.35	3.54	2.41		NA	NA	NA	NA	NA	NA	NA	NA	Participant

Duke Energy Kentucky Case No. 2010-00445 Staff First Set Data Requests Date Received: January 5, 2011

STAFF-DR-01-010

REQUEST:

Refer to Appendix B, page 2 of the application.

- a. The title of the exhibit is 2010 Projected Program Costs, Lost Revenues, and Shared Savings. Should the title of the exhibit be 2011 Projected Program Costs, Lost Revenues, and Shared Savings?
- b. The projected program costs for both the electric and gas residential programs for Year 2011 are \$2,871,930. The actual program expenditures for both electric and gas in this filing are \$1,949,037. This results in an approximate \$.9 million increase in residential program activity. Since the year 2011 projected program costs influence the proposed DSM factors, identify and explain the anticipated increased DSM activity by program for both electric and gas residential programs for Year 2011.

RESPONSE:

- a. Yes, the title should be 2011 Projected Program Costs, Lost Revenues, and Shared Savings.
- b. Duke Kentucky plans to increase 2011 spending in the existing portfolio by:
 - Evaluating and repairing existing Power Manager switches
 - Launching CFL campaigns
 - Improving contractual language for Conservation and Energy Education program
 - Conducting additional M&V studies

In addition, the new Smart Saver program added \$448,520 to the projected budget amount.

Duke Energy Kentucky Case No. 2010-00445

Staff First Set Data Requests Date Received: January 5, 2011

STAFF-DR-01-011

REQUEST:

Explain whether Duke Kentucky has considered any new DSM programs that might be implemented that would pass the California Total Resource Cost test. Include in the explanation whether Duke Kentucky is considering or has considered other DSM programs that are currently being implemented in other jurisdictions of states by other

Duke Energy subsidiaries.

RESPONSE:

Duke Energy Kentucky continues to evaluate possible programs for inclusion in its Kentucky portfolio. The Company proposed its new Residential Smart Saver Program as part of this proceeding. In addition, Duke Energy Kentucky is evaluating the possibility of a Custom Incentive Program that would be available to Commercial and Industrial Customers. A successful custom program is currently available in Duke Energy Ohio's

service territory.



JAN 2 1 2011 PUBLIC SERVICE

COMMISSION

11/14/2012

VERIFICATION

STATE OF NORTH CAROLINA)	
)	SS:
COUNTY OF MECKLENBURG)	

The undersigned, Rick Mifflin, being duly sworn, deposes and says that he is employed by the Duke Energy Corporation affiliated companies as Manager, Products and Services for Duke Energy Business Services, LLC; that on behalf of Duke Energy Kentucky, Inc., he has supervised the preparation of the responses to the foregoing information requests; and that the matters set forth in the foregoing responses to information requests are true and accurate to the best of his knowledge, information and belief after reasonable inquiry.

Rick Mifflin

Subscribed and sworn to before me by Rick Mifflin on this 19th day of January,

2011.

My Commission Expires:

VERIFICATION

State of Ohio)
)
County of Hamilton)

The undersigned, Richard G. Stevie, being duly sworn, deposes and says that I am employed by the Duke Energy Corporation affiliated companies as Chief Economist, Corporate Strategy and Planning; that on behalf of Duke Energy Kentucky, Inc., I have supervised the preparation of the responses to the foregoing information requests; and that the matters set forth in the foregoing responses to information requests are true and accurate to the best of my knowledge, information and belief after reasonable inquiry.

Richard G. Stevie, Affiant

Subscribed and sworn to before me by Richard G. Stevie on this 19 Hay of January, 2011.

My Commission Expires:

Christa M. Schafen NOTARY PUBLIC

> Notary Public, State of My Commission Expi November 4, 2014

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AG-DR-01-001

REQUEST:

Appendix B. to the filing indicates that the company's actual expenditures for the period July, 2009 through June 10, 2010 of \$1.949 mil. were significantly less (19.57%) than the projected costs for the same time frame. The company has stated that the economic downturn was the primary factor. Given that the economy has not significantly improved since then, please explain why the company is projecting that its costs for the Residential DSM program will increase from the 2010 projected level of \$2.432 mil. to a projected level of \$2.872 mil. in 2011.

RESPONSE:

The Power Manager program represents the most significant difference (about \$316,000). Duke Energy Kentucky determined that that current capacity needs did not require adding more customers to the Power Manager program. Duke Energy Kentucky stopped acquiring new Power Manager customers and focused on maintaining the reliability of the existing Power Manager customer base.

Energy Star Products underspent by about \$165,000. Additional campaigns were delayed as Duke Kentucky evaluated better ways to approach the market place for CFLs. The program experienced a steady decline in campaign response rate since 2008 (3.5% in 2008 vs. .8% in fall 2009). New campaigns are planned for the current fiscal year with deeper discounts and convenient redemption locations.

The Residential Conservation and Energy Education program under spent by about \$111,000 because of contract structure (based on participation and not spending cap). The contract is being revised to reflect funds available for each fiscal year.

Development funds under spent by \$82,000 because Measurement and Verification work expenses were down in 09-10 fiscal year. M&V expenses will increase in the current year.

The Payment Plus program under spent by about \$70,000 because customer demand was less than expected. Duke Kentucky is planning additional campaigns to improve customer engagement.

In addition, the new Smart Saver program added \$448,520 to the projected budget amount.

AG-DR-01-002

REQUEST:

Confirm that the company has over-collected \$1.040 mil. under the Residential DSM (electric) program during the last reporting period.

RESPONSE:

Yes, the company over-collected \$1.040 mil. under the Residential DSM (electric) program during the last reporting period.

AG-DR-01-003

REQUEST:

With regard to the over-collection of funds for the Residential DSM (electric) during the last reporting period:

- a. Does the \$3.676 mil. projected program costs for the 2011 Residential DSM (electric) already reflect the reduction of \$1.040 mil.; or
- b. Will the company need to collect approximately \$2.635 mil. for the Residential Electric Rider DSM?

RESPONSE:

- a. No
- b. The stated number in the original filing is \$2.632 million. In preparing its responses to Discovery, the Company discovered an error in its calculation. This number has been reduced due to correcting the projected lost revenue for Residential Smart Saver from \$533,499 to \$50,150. The intitial calculation of projected lost revenues included the net present value over the measure life instead of a total for the first year of the program. As such, the actual value should be \$50,150 and not \$533,499. This value has been updated in Attachment STAFF-DR-01-00(b)(1) Appendix B Reconciliation 2010 Revised. With this correction, the total amount to be collected will be \$2.149 million for the Residential Electric Rider DSM.

AG-DR-01-004

REQUEST:

With regard to your response to the above (AG-DR-01-003), confirm that if choice (a) is correct; this would represent an increase of approximately 199.1% over the 2010 actual spending for 2010 DSM (electric) program of \$1.229 mil. If choice (b) is correct, confirm that this would represent an increase of approximately 114.38%. Regardless of which figures are correct, please provide a detailed explanation as to why such a dramatic increase in spending for the Residential DSM (electric) is needed.

RESPONSE:

Reviewing the calculation, the Company discovered that gas program expenditures were inadvertently excluded from the sum of program expenditures. Including the gas expenditures, the difference is 35.06% and not 114.38%. This is based on the original Residential Electric Rider DSM amount. With the new Residential Electric Rider amount stated in AG-DR-01-003 of \$2,149,025 the difference is 10.26%. Nonetheless, the DSM revenue requirement cannot be compared to program expenditures because the DSM revenue requirement takes into account the lost revenues and shared savings in addition to program expenditures.

AG-DR-01-005

REQUEST:

Provide a detailed response as to why the company needs to increase spending on the overall Residential DSM Program by such a significant sum.

RESPONSE:

See response to AG-DR-01-004. Reviewing the calculation, it seems that gas program expenditures were excluded from the sum of program expenditures. Including the gas expenditures, the difference is 35.06% and not 114.38%. This is based on the original Residential Electric Rider DSM amount. With the new Residential Electric Rider amount stated in AG-DR-01-003 of \$2,149,025 the difference is 10.26%.

Duke Kentucky plans to increase 2011 spending in the existing portfolio by:

- Evaluating and repairing existing Power Manager switches
- Launching CFL campaigns
- Improving contractual language for Conservation and Energy Education program
- Conducting additional M&V studies

In addition, the new Smart Saver program added \$448,520 to the projected budget amount.

AG-DR-01-006

REQUEST:

With regard to the response the company will provide to PSC 1-11, please indicate whether any DSM programs to which the company may refer in that response were ever presented to or discussed in Duke's Residential DSM Collaborative.

RESPONSE:

Yes, the Residential Smart Saver proposed program was discussed and voted on for inclusion in the application during the November 9, 2010 DSM Collaborative meeting. The Custom Incentives program has not been discussed at this time but will be discussed during a 2011 DSM Collaborative meeting.

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AG-DR-01-007

REQUEST:

With regard to the independent entities Duke retains to administer its DSM programs, please explain whether they are compensated on the basis of lost sales.

RESPONSE:

Duke Kentucky employs a number of vendors to support the energy efficiency programs. The compensation structure varies depending on the responsibilities contracted. In general, the agreements pay for specific trackable activities that support the requirements and goals of the programs. In most cases, the compensation isn't directly tied to lost sales. The contracts do include service levels, with a compensation at risk pool, that require vendors to achieve predetermined goals and perform to minimum expectations in delivering the services. If the vendor fails to meet the service level obligations, they may be required to provide a bill credit to Duke Energy.

AG-DR-01-008

REQUEST:

Please reference PSC 1-7(c). Appendix B, p. 1 indicates that the company's actual lost revenues for \$856,903 for the Residential DSM (electric) program constituted 70% of the actual program expenditures. In light of the fact that Duke's customers are receiving only 30% of the benefit of the total expenditures, explain in detail how the company's program is an efficient means of achieving the goal of DSM.

RESPONSE:

Lost revenues for a program are accumulated for three year's worth of participants (assuming no rate case), while program expenditures reflect costs for just one year's worth of participants. This type of difference is normally expected. In addition, customers are receiving the benefit of the reduction in energy consumption for the life of the measures, not just a three year period.