


Shelby Energy
Cooperative

® Your Touchstone Energy® Partner 

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MAR 8 2013

PUBLIC SERVICE
COMMISSION

March 8, 2013

Mr. Jeff Derouen
Executive Director
Public Service Commission
PO Box 615
Frankfort, KY 40602

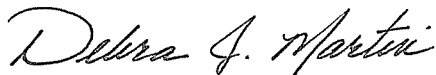
RE: PSC CASE NO: 2012-00569

Dear Mr. Derouen:

In accordance with the above case, we are enclosing an original and ten (10) copies regarding the fuel adjustment for the period from November 1, 2010 through October 31, 2012.

Should you have any questions or need further information, please contact our office.

Sincerely,



Debra J. Martin
President & CEO

Enclosure

DM:mgt

www.shelbyenergy.com

620 Old Finchville Road • Shelbyville, Kentucky 40065-1714

Shelby Co. (502) 633-4420 • Fax: (502) 633-2387 • Trimble Co. (502) 255-3260 • Henry Co. (502) 845-2845

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

AN EXAMINATION OF THE)
APPLICATION OF THE FUEL)
ADJUSTMENT CLAUSE OF SHELBY)
ENERGY COOPERATIVE, INC. FROM) CASE NO. 2012-00569
NOVEMBER 1, 2010 THROUGH)
OCTOBER 31, 2012)

RESPONSE TO ORDER FOR INFORMATION

DATED FEBRUARY 11, 2013

**CASE NO. 2012-00569
SUPPLEMENTAL DATA REQUEST**

SHELBY ENERGY COOPERATIVE, INC.

Witnesses who will be available to respond to questions concerning the information requested:

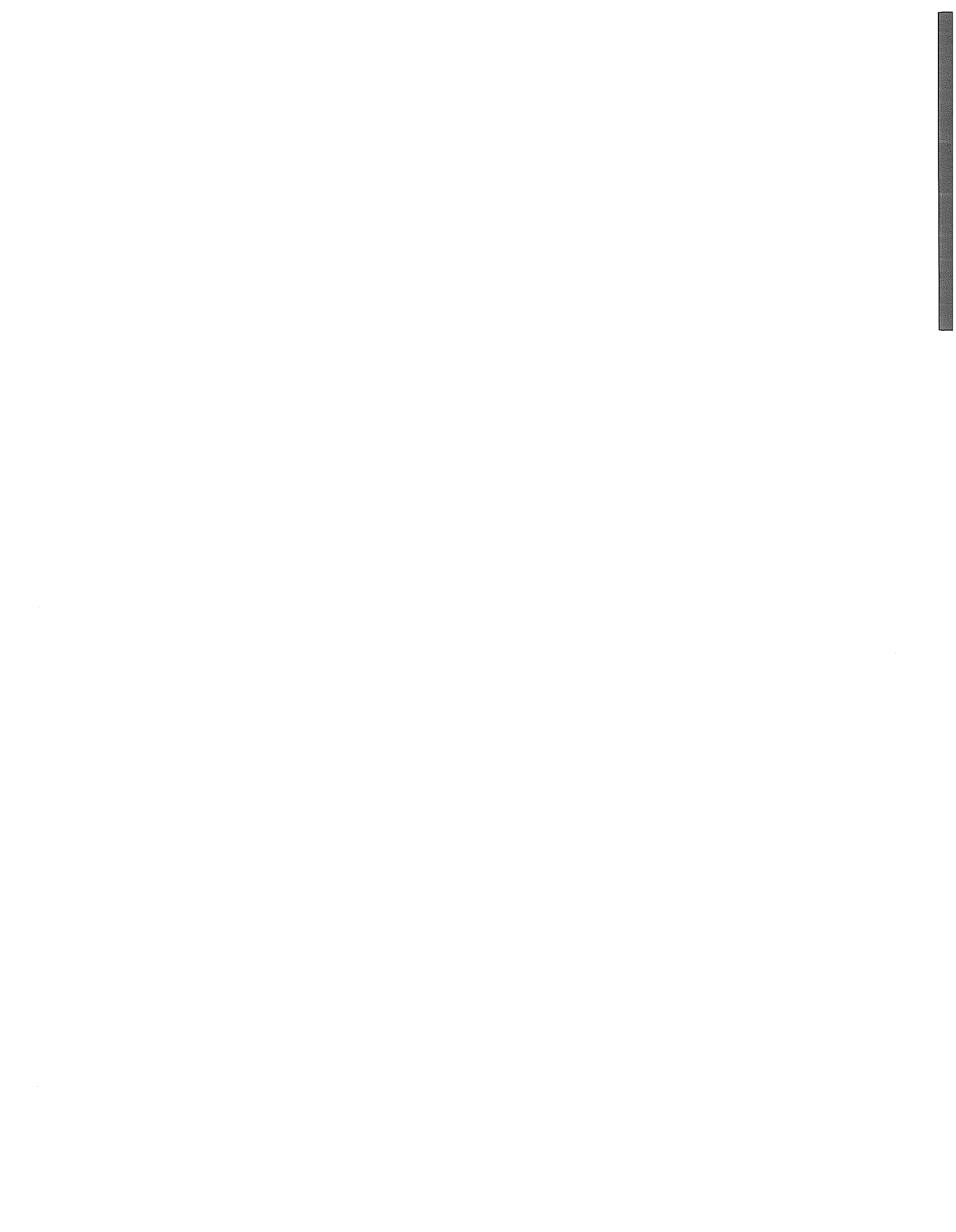
Debra J. Martin, President & CEO

Gay Tennill, VP Administrative & Office Services

APPENDIX A

APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE COMMISSION IN CASE NO. 2012-00569 DATED FEBRUARY 11, 2013

1. a. Provide a schedule of the calculation of the 12-month average line loss by month for November 2010 through October 2012.
- b. Describe the measures that Shelby has taken to reduce line loss during this period.
2. Provide Shelby's monthly revenue reports (monthly billing summaries) showing the total revenue collected, including adjustments under the Fuel Adjustment Clause, as reported in Shelby's monthly filings required by the Commission from November 1, 2010 through October 31, 2012.
3. Provide a schedule showing the calculation of the increase or decrease in Shelby's base fuel costs per kWh as proposed by its wholesale electric supplier adjusted for Shelby's 12-month average line loss for November 2010 through October 2012.
4. Provide a schedule of the present and proposed rates that Shelby seeks to change, pursuant to 807 KAR 5:056, as calculated in Item 3 above, shown in comparative form.
5. Provide a statement showing, by cross-outs and italicized inserts, all proposed changes in rates. A copy of the current tariff may be used.



SHELBY ENERGY COOPERATIVE, INC.
12-MONTH AVERAGE LINE LOSS BY MONTH
NOVEMBER, 2010 - OCTOBER, 2012

		KWH PURCHASED	KWH SALES TO MEMBERS	LINE LOSS	12 MTH AVG %
OCTOBER	2010	480,481,148	463,343,533	17,137,615	3.57%
NOVEMBER	2009	34,130,546	33,490,231	640,315	
NOVEMBER	2010	<u>36,539,705</u>	<u>33,259,365</u>	<u>3,280,340</u>	
		482,890,307	463,112,667	19,777,640	4.10%
DECEMBER	2009	44,850,202	42,558,422	2,291,780	
DECEMBER	2010	<u>51,146,066</u>	<u>47,904,016</u>	<u>3,242,050</u>	
		489,186,171	468,458,261	20,727,910	4.24%
JANUARY	2010	50,915,993	49,178,317	1,737,676	
JANUARY	2011	<u>50,921,300</u>	<u>48,841,773</u>	<u>2,079,527</u>	
		489,191,478	468,121,717	21,069,761	4.31%
FEBRUARY	2010	45,891,868	46,285,962	-394,094	
FEBRUARY	2011	<u>40,804,071</u>	<u>41,431,179</u>	<u>-627,108</u>	
		484,103,681	463,266,934	20,836,747	4.30%
MARCH	2010	38,013,528	35,226,023	2,787,505	
MARCH	2011	<u>38,992,239</u>	<u>38,413,420</u>	<u>578,819</u>	
		485,082,392	466,454,331	18,628,061	3.84%
APRIL	2010	31,202,935	30,995,585	207,350	
APRIL	2011	<u>32,001,647</u>	<u>32,374,811</u>	<u>-373,164</u>	
		485,881,104	467,833,557	18,047,547	3.71%
MAY	2010	35,231,530	32,903,102	2,328,428	
MAY	2011	<u>34,595,163</u>	<u>33,446,162</u>	<u>1,149,001</u>	
		485,244,737	468,376,617	16,868,120	3.48%
JUNE	2010	42,041,164	40,285,657	1,755,507	
JUNE	2011	<u>38,596,170</u>	<u>37,679,585</u>	<u>916,585</u>	
		481,799,743	465,770,545	16,029,198	3.33%
JULY	2010	44,250,251	42,878,031	1,372,220	
JULY	2011	<u>45,896,753</u>	<u>42,264,771</u>	<u>3,631,982</u>	
		483,446,245	465,157,285	18,288,960	3.78%
AUGUST	2010	44,586,689	40,283,886	4,302,803	
AUGUST	2011	<u>42,174,867</u>	<u>41,047,205</u>	<u>1,127,662</u>	
		481,034,423	465,920,604	15,113,819	3.14%
SEPTEMBER	2010	36,522,988	37,106,732	-583,744	
SEPTEMBER	2011	<u>32,823,707</u>	<u>32,959,703</u>	<u>-135,996</u>	
		477,335,142	461,773,575	15,561,567	3.26%
OCTOBER	2010	32,843,454	32,151,585	691,869	
OCTOBER	2011	<u>33,138,709</u>	<u>31,625,666</u>	<u>1,513,043</u>	
		477,630,397	461,247,656	16,382,741	3.43%
NOVEMBER	2010	36,539,705	33,259,365	3,280,340	
NOVEMBER	2011	<u>34,068,511</u>	<u>33,983,655</u>	<u>84,856</u>	
		475,159,203	461,971,946	13,187,257	2.78%
DECEMBER	2010	51,146,066	47,904,016	3,242,050	
DECEMBER	2011	<u>41,394,030</u>	<u>39,033,730</u>	<u>2,360,300</u>	
		465,407,167	453,101,660	12,305,507	2.64%

SHELBY ENERGY COOPERATIVE, INC.
12-MONTH AVERAGE LINE LOSS BY MONTH
NOVEMBER, 2010 - OCTOBER, 2012

		KWH PURCHASED	KWH SALES TO MEMBERS	LINE LOSS	12 MTH AVG %
JANUARY	2011	50,921,300	48,841,773	2,079,527	
JANUARY	2012	<u>45,336,305</u>	<u>42,583,874</u>	<u>2,752,431</u>	
		459,822,172	446,843,761	12,978,411	2.82%
FEBRUARY	2011	40,804,071	41,431,179	-627,108	
FEBRUARY	2012	<u>40,181,774</u>	<u>39,962,644</u>	<u>219,130</u>	
		459,199,875	445,375,226	13,824,649	3.01%
MARCH	2011	38,992,239	38,413,420	578,819	
MARCH	2012	<u>35,090,318</u>	<u>33,399,405</u>	<u>1,690,913</u>	
		455,297,954	440,361,211	14,936,743	3.28%
APRIL	2011	32,001,647	32,374,811	-373,164	
APRIL	2012	<u>31,883,215</u>	<u>31,096,191</u>	<u>787,024</u>	
		455,179,522	439,082,591	16,096,931	3.54%
MAY	2011	34,595,163	33,446,162	1,149,001	
MAY	2012	<u>36,667,369</u>	<u>34,660,343</u>	<u>2,007,026</u>	
		457,251,728	440,296,772	16,954,956	3.71%
JUNE	2011	38,596,170	37,679,585	916,585	
JUNE	2012	<u>38,599,137</u>	<u>38,163,277</u>	<u>435,860</u>	
		457,254,695	440,780,464	16,474,231	3.60%
JULY	2011	45,896,753	42,264,771	3,631,982	
JULY	2012	<u>46,143,964</u>	<u>43,516,017</u>	<u>2,627,947</u>	
		457,501,906	442,031,710	15,470,196	3.38%
AUGUST	2011	42,174,867	41,047,205	1,127,662	
AUGUST	2012	<u>42,636,469</u>	<u>40,966,027</u>	<u>1,670,442</u>	
		457,963,508	441,950,532	16,012,976	3.50%
SEPTEMBER	2011	32,823,707	32,959,703	-135,996	
SEPTEMBER	2012	<u>35,265,812</u>	<u>34,821,167</u>	<u>444,645</u>	
		460,405,613	443,811,996	16,593,617	3.60%
OCTOBER	2011	33,138,709	31,625,666	1,513,043	
OCTOBER	2012	<u>35,032,820</u>	<u>34,036,023</u>	<u>996,797</u>	
		462,299,724	446,222,353	16,077,371	3.48%

SHELBY ENERGY COOPERATIVE, INC.
February 2013

Programs to analyze and implement line loss reductions are continuously in effect.

These involve a monthly substation phase balance analysis for each distribution circuit on the system, an extensive annual right-of-way clearing and tree trimming project, the purchase of equipment on loss-price evaluation, retiring idle transformers and system voltage drop studies.



SHELBY ENERGY COOPERATIVE, INC.
 KWH SALES ANALYSIS
 NOVEMBER, 2010 - OCTOBER, 2012

	ORIGINAL KWH BILLED TO CUSTOMERS	KWH ADJUSTMENT TO BILLING	NET KWH BILLED TO CUSTOMERS
Nov-10	<u>33,266,964</u>	<u>-7,599</u>	<u>33,259,365</u>
Dec-10	<u>47,915,288</u>	<u>-11,272</u>	<u>47,904,016</u>
Jan-11	<u>48,825,154</u>	<u>16,619</u>	<u>48,841,773</u>
Feb-11	<u>41,472,801</u>	<u>-41,622</u>	<u>41,431,179</u>
Mar-11	<u>38,532,032</u>	<u>-118,612</u>	<u>38,413,420</u>
Apr-11	<u>32,766,961</u>	<u>-392,150</u>	<u>32,374,811</u>
May-11	<u>33,450,860</u>	<u>-4,698</u>	<u>33,446,162</u>
Jun-11	<u>37,681,360</u>	<u>-1,775</u>	<u>37,679,585</u>
Jul-11	<u>42,226,201</u>	<u>38,570</u>	<u>42,264,771</u>
Aug-11	<u>41,056,719</u>	<u>-9,514</u>	<u>41,047,205</u>
Sep-11	<u>32,969,714</u>	<u>-10,011</u>	<u>32,959,703</u>
Oct-11	<u>31,626,574</u>	<u>-908</u>	<u>31,625,666</u>
Nov-11	<u>33,985,743</u>	<u>-2,088</u>	<u>33,983,655</u>
Dec-11	<u>39,045,957</u>	<u>-12,227</u>	<u>39,033,730</u>
Jan-12	<u>42,584,607</u>	<u>-733</u>	<u>42,583,874</u>
Feb-12	<u>39,969,016</u>	<u>-6,372</u>	<u>39,962,644</u>
Mar-12	<u>33,400,671</u>	<u>-1,266</u>	<u>33,399,405</u>
Apr-12	<u>31,095,779</u>	<u>412</u>	<u>31,096,191</u>
May-12	<u>34,663,144</u>	<u>-2,801</u>	<u>34,660,343</u>
Jun-12	<u>38,170,890</u>	<u>-7,613</u>	<u>38,163,277</u>
Jul-12	<u>43,518,195</u>	<u>-2,178</u>	<u>43,516,017</u>
Aug-12	<u>40,971,756</u>	<u>-5,729</u>	<u>40,966,027</u>
Sep-12	<u>34,827,999</u>	<u>-6,832</u>	<u>34,821,167</u>
Oct-12	<u>34,036,708</u>	<u>-685</u>	<u>34,036,023</u>
	908,061,093	-591,084	907,470,009

SHELBY ENERGY COOPERATIVE, INC.
ANALYSIS OF FUEL ADJUSTMENT REVENUE
MONTHLY OVER-RECOVERY OR UNDER-RECOVERY OF FUEL COSTS
NOVEMBER, 2010 - OCTOBER, 2012

	ORIG FAC SALES TO CUSTOMERS	CALC OF FAC ADJ	FC FACTOR	ADJ TO FAC	NET FAC TO CUSTOMERS
Nov-10	-281,339.12	-7,599	-0.00846	64.29	-281,274.83
Dec-10	-678,292.86	-11,272	-0.01416	159.61	-678,133.25
Jan-11	-603,318.00	16,619	-0.01236	-205.41	-603,523.41
Feb-11	-105,726.16	-41,622	-0.00255	106.14	-105,620.02
Mar-11	-78,199.75	-118,612	-0.00203	240.78	-77,958.97
Apr-11	-260,405.87	-392,150	-0.00795	3,117.59	-257,288.28
May-11	-351,443.57	-4,698	-0.01051	49.38	-351,394.19
Jun-11	-410,986.13	-1,775	-0.01091	19.37	-410,966.76
Jul-11	-564,813.83	38,570	-0.01338	-516.07	-565,329.90
Aug-11	68,971.46	-9,514	0.00168	-15.98	68,955.48
Sep-11	42,185.20	-10,011	0.00128	-12.81	42,172.39
Oct-11	7,274.26	-908	0.00023	-0.21	7,274.05
Nov-11	2,369.45	-2,088	0.00007	-0.15	2,369.30
Dec-11	0.00	-12,227	0.00000	0.00	0.00
Jan-12	86,425.15	-733	0.00203	-1.49	86,423.66
Feb-12	30,369.07	-6,372	0.00076	-4.84	30,364.23
Mar-12	9,344.29	-1,266	0.00028	-0.35	9,343.94
Apr-12	-18,020.12	412	-0.00058	-0.24	-18,020.36
May-12	-55,088.75	-2,801	-0.00159	4.45	-55,084.30
Jun-12	-166,369.22	-7,613	-0.00436	33.19	-166,336.03
Jul-12	-150,079.03	-2,178	-0.00345	7.51	-150,071.52
Aug-12	-95,838.71	-5,729	-0.00234	13.41	-95,825.30
Sep-12	-88,435.53	-6,832	-0.00254	17.35	-88,418.18
Oct-12	-95,949.75	-685	-0.00282	1.93	-95,947.82
	-3,757,367.52	-591,084		3,077.45	-3,754,290.07

SHELBY ENERGY COOPERATIVE, INC.
INCREASE OR DECREASE IN SHELBY'S 12 MONTH AVERAGE LINE LOSS
MONTHLY OVER-RECOVERY OR UNDER-RECOVERY OF FUEL COSTS
NOVEMBER, 2010 - OCTOBER, 2012

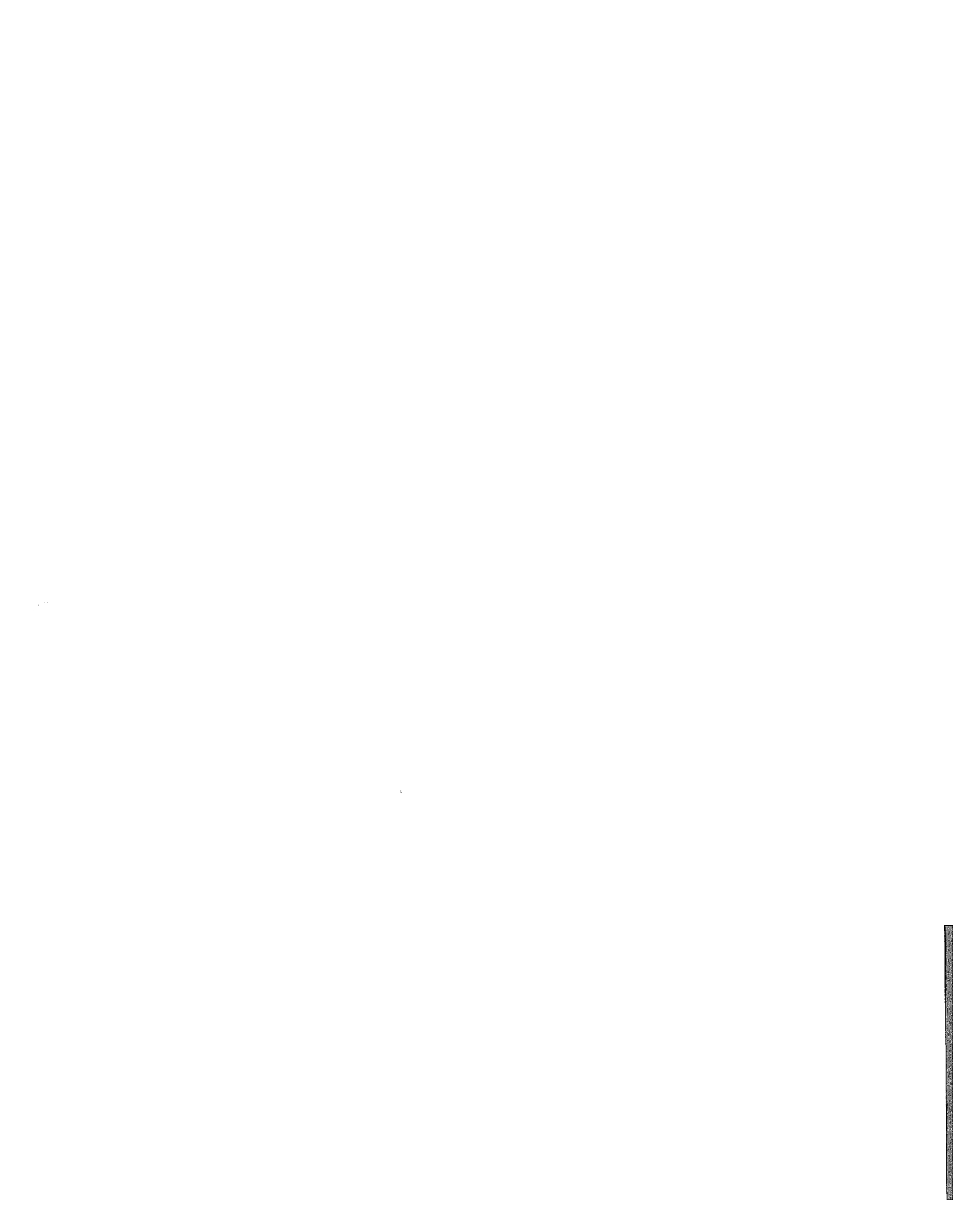
	KWH PURCHASED	KWH SALES TO CUSTOMERS	KWH LINE LOSS
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Jul-12	46,143,964	43,516,017	2,627,947
Aug-12	42,636,469	40,966,027	1,670,442
Sep-12	35,265,812	34,821,167	444,645
Oct-12	35,032,820	34,036,023	996,797
	939,930,121	907,470,009	32,460,112

24 Month Average %	32,460,112 / 939,930,121	=	0.03453
Wholesale Power Supplier's Adjustment Per kWh		=	0.00000
Shelby Energy's 24 Month Average Line Loss		=	0.03453
Shelby Energy's Change in Base Rate Per kWh	0.00000 / 0.965465	=	0.00000



SHELBY ENERGY COOPERATIVE, INC.

	Present Rate	Proposed Rate
General Service - Rate 11		
All kWh	0.09020	0.09020
Residential Service - Rate 12		
All kWh	0.08861	0.08861
Large Power - Rate 2		
All kWh	0.06435	0.06435
Optional TOD Demand - Rate 22		
First 100 kWh per KW demand	0.07322	0.07322
Next 100 kWh per KW demand	0.06682	0.06682
All over 200 kWh per KW demand	0.06044	0.06044
Outdoor & Street Lighting Service - Rate 3		
HPS 100 Watt Security Light (39 kWh)	9.43	9.43
HPS 100 Watt Decorative Colonial Light (39 kWh)	12.68	12.68
HPS 400 Watt Directional Flood & Security/Street Light (159 kWh)	19.19	19.19
HPS 250 Watt Directional Flood & Security/Street Light (87 kWh)	13.88	13.88
HPS 150 Watt Decorative Acorn Light (58 kWh)	15.15	15.15
Off-Peak Retail Marketing Rate - ETS		
All kWh	0.06118	0.06118
Large Industrial Rate - Schedule B1		
All kWh	0.05236	0.05236
Large Industrial Rate - Schedule B2		
All kWh	0.04662	0.04662
Large Industrial Rate - Schedule B3		
All kWh	0.04546	0.04546
Large Industrial Rate - Schedule C1		
All kWh	0.05236	0.05236
Large Industrial Rate - Schedule C2		
All kWh	0.04662	0.04662
Large Industrial Rate - Schedule C3		
All kWh	0.04546	0.04546
Special Outdoor Lighting - Rate 33	0.06036	0.06036



Shelby Energy Cooperative, Inc.

Case No. 2012-00569

East Kentucky Power does not propose a change in its base fuel costs. Therefore, no tariff changes are proposed.