



Shelby Energy Cooperative

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MAR 03 2015

PUBLIC SERVICE
COMMISSION

February 20, 2015

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

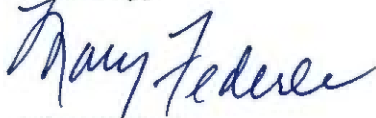
RE: PSC CASE NO. 2014-00469

Dear Mr. Derouen:

In accordance with above case, we are enclosing an original and ten (10) copies regarding the fuel adjustment for the period from November 1, 2012 through October 31, 2014.

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

Sincerely,



Mary Federle
Billing Manager

Enclosure

www.shelbyenergy.com

620 Old Finchville Road • Shelbyville, Kentucky 40065-1714
Shelby Co. (502) 633-4420 • Fax: (502) 633-2387 • Trimble Co. (502) 255-3001 • 1-800-292-6585

This institution is an equal opportunity provider and employer.

VERIFICATION

The undersigned, Mary E. Federle, Billing Manager of Shelby Energy Cooperative, Inc. certifies that the responses contained in this document are true and accurate to the best of her knowledge, information and belief formed after a reasonable inquiry.

Mary E. Federle
Mary E. Federle

COMMONWEALTH OF KENTUCKY

COUNTY OF SHELBY

Subscribed and sworn to before me by Mary E. Federle, Billing Manager of Shelby Energy Cooperative, Inc., to be her free act and deed this 19th day of February, 2015.



Nanette H. McCarty
Notary Public

My Commission Expires:

4/18/16

ID: 464181

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. 2014-00469
NOVEMBER 1, 2012 THROUGH)
OCTOBER 31, 2014)**

RESPONSE TO ORDER FOR INFORMATION

DATED FEBRUARY 05, 2015

**CASE NO. 2014-00469
SUPPLEMENTAL DATA REQUEST**

SHELBY ENERGY COOPERATIVE, INC.

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

Mary E. Federle, Billing Manager

APPENDIX A

APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE COMMISSION IN CASE NO. 2014-00469 DATED FEBRUARY 05, 2015

1. a. Provide a schedule of the calculation of the 12-month average line loss by month for November 2012 through October 2014.
- 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, 2012 through October 31, 2014.
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 2012 through October 2014.
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, 2012 - OCTOBER, 2014

		KWH PURCHASED	KWH SALES TO MEMBERS	LINE LOSS	12 MTH AVG %
OCTOBER	2012	462,299,724	446,222,353	16,077,371	3.48%
NOVEMBER	2011	34,068,511	33,983,655	84,856	
NOVEMBER	2012	<u>38,712,970</u>	<u>36,686,779</u>	<u>2,026,191</u>	
		466,944,183	448,925,477	18,018,706	3.86%
DECEMBER	2011	41,394,030	39,033,730	2,360,300	
DECEMBER	2012	<u>42,145,206</u>	<u>40,481,866</u>	<u>1,663,340</u>	
		467,695,359	450,373,613	17,321,746	3.70%
JANUARY	2012	45,336,305	42,583,874	2,752,431	
JANUARY	2013	<u>47,433,787</u>	<u>45,333,454</u>	<u>2,100,333</u>	
		469,792,841	453,123,193	16,669,648	3.55%
FEBRUARY	2012	40,181,774	39,962,644	219,130	
FEBRUARY	2013	<u>42,633,570</u>	<u>42,789,675</u>	<u>-156,105</u>	
		472,244,637	455,950,224	16,294,413	3.45%
MARCH	2012	35,090,318	33,399,405	1,690,913	
MARCH	2013	<u>44,424,194</u>	<u>41,079,251</u>	<u>3,344,943</u>	
		481,578,513	463,630,070	17,948,443	3.73%
APRIL	2012	31,883,215	31,096,191	787,024	
APRIL	2013	<u>34,599,496</u>	<u>34,164,160</u>	<u>435,336</u>	
		484,294,794	466,698,039	17,596,755	3.63%
MAY	2012	36,667,369	34,660,343	2,007,026	
MAY	2013	<u>34,842,502</u>	<u>33,314,316</u>	<u>1,528,186</u>	
		482,469,927	465,352,012	17,117,915	3.55%
JUNE	2012	38,599,137	38,163,277	435,860	
JUNE	2013	<u>38,086,271</u>	<u>36,853,818</u>	<u>1,232,453</u>	
		481,957,061	464,042,553	17,914,508	3.72%
JULY	2012	46,143,964	43,516,017	2,627,947	
JULY	2013	<u>39,792,281</u>	<u>38,940,563</u>	<u>851,718</u>	
		475,605,378	459,467,099	16,138,279	3.39%
AUGUST	2012	42,636,469	40,966,027	1,670,442	
AUGUST	2013	<u>41,165,805</u>	<u>39,020,438</u>	<u>2,145,367</u>	
		474,134,714	457,521,510	16,613,204	3.50%
SEPTEMBER	2012	35,265,812	34,821,167	444,645	
SEPTEMBER	2013	<u>35,724,404</u>	<u>35,296,850</u>	<u>427,554</u>	
		474,593,306	457,997,193	16,596,113	3.50%
OCTOBER	2012	35,032,820	34,036,023	996,797	
OCTOBER	2013	<u>35,579,199</u>	<u>34,151,643</u>	<u>1,427,556</u>	
		475,139,685	458,112,813	17,026,872	3.58%
NOVEMBER	2012	38,712,970	36,686,779	2,026,191	
NOVEMBER	2013	<u>40,587,756</u>	<u>39,173,627</u>	<u>1,414,129</u>	
		477,014,471	460,599,661	16,414,810	3.44%
DECEMBER	2012	42,145,206	40,481,866	1,663,340	
DECEMBER	2013	<u>46,661,279</u>	<u>45,164,875</u>	<u>1,496,404</u>	
		481,530,544	465,282,670	16,247,874	3.37%

SHELBY ENERGY COOPERATIVE, INC.
12-MONTH AVERAGE LINE LOSS BY MONTH
NOVEMBER, 2012 - OCTOBER, 2014

		KWH PURCHASED	KWH SALES TO MEMBERS	LINE LOSS	12 MTH AVG %
JANUARY	2013	47,433,787	45,333,454	2,100,333	
JANUARY	2014	<u>56,819,952</u>	<u>52,036,934</u>	<u>4,783,018</u>	
		490,916,709	471,986,150	18,930,559	3.86%
FEBRUARY	2013	42,633,570	42,789,675	-156,105	
FEBRUARY	2014	<u>47,477,708</u>	<u>48,663,320</u>	<u>-1,185,612</u>	
		495,760,847	477,859,795	17,901,052	3.61%
MARCH	2013	44,424,194	41,079,251	3,344,943	
MARCH	2014	<u>43,893,642</u>	<u>41,198,410</u>	<u>2,695,232</u>	
		495,230,295	477,978,954	17,251,341	3.48%
APRIL	2013	34,599,496	34,164,160	435,336	
APRIL	2014	<u>33,563,185</u>	<u>32,981,154</u>	<u>582,031</u>	
		494,193,984	476,795,948	17,398,036	3.52%
MAY	2013	34,842,502	33,314,316	1,528,186	
MAY	2014	<u>35,870,198</u>	<u>33,856,937</u>	<u>2,013,261</u>	
		495,221,680	477,338,569	17,883,111	3.61%
JUNE	2013	38,086,271	36,853,818	1,232,453	
JUNE	2014	<u>39,693,325</u>	<u>38,471,581</u>	<u>1,221,744</u>	
		496,828,734	478,956,332	17,872,402	3.60%
JULY	2013	39,792,281	38,940,563	851,718	
JULY	2014	<u>40,526,767</u>	<u>39,460,587</u>	<u>1,066,180</u>	
		497,563,220	479,476,356	18,086,864	3.64%
AUGUST	2013	41,165,805	39,020,438	2,145,367	
AUGUST	2014	<u>42,628,502</u>	<u>40,205,937</u>	<u>2,422,565</u>	
		499,025,917	480,661,855	18,364,062	3.68%
SEPTEMBER	2013	35,724,404	35,296,850	427,554	
SEPTEMBER	2014	<u>36,733,409</u>	<u>36,386,204</u>	<u>347,205</u>	
		500,034,922	481,751,209	18,283,713	3.66%
OCTOBER	2013	35,579,199	34,151,643	1,427,556	
OCTOBER	2014	<u>35,737,012</u>	<u>34,977,982</u>	<u>759,030</u>	
		500,192,735	482,577,548	17,615,187	3.52%

SHELBY ENERGY COOPERATIVE, INC.
February 2015

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, 2012 - OCTOBER, 2014

	ORIGINAL KWH BILLED TO CUSTOMERS	KWH ADJUSTMENT TO BILLING	NET KWH BILLED TO CUSTOMERS
Nov-12	<u>36,686,201</u>	<u>578</u>	<u>36,686,779</u>
Dec-12	<u>40,482,507</u>	<u>-641</u>	<u>40,481,866</u>
Jan-13	<u>45,336,771</u>	<u>-3,317</u>	<u>45,333,454</u>
Feb-13	<u>42,793,703</u>	<u>-4,028</u>	<u>42,789,675</u>
Mar-13	<u>41,090,786</u>	<u>-11,535</u>	<u>41,079,251</u>
Apr-13	<u>34,162,939</u>	<u>1,221</u>	<u>34,164,160</u>
May-13	<u>33,314,520</u>	<u>-204</u>	<u>33,314,316</u>
Jun-13	<u>36,854,442</u>	<u>-624</u>	<u>36,853,818</u>
Jul-13	<u>38,933,758</u>	<u>6,805</u>	<u>38,940,563</u>
Aug-13	<u>39,020,948</u>	<u>-510</u>	<u>39,020,438</u>
Sep-13	<u>35,296,196</u>	<u>654</u>	<u>35,296,850</u>
Oct-13	<u>34,157,402</u>	<u>-5,759</u>	<u>34,151,643</u>
Nov-13	<u>39,175,171</u>	<u>-1,544</u>	<u>39,173,627</u>
Dec-13	<u>45,167,032</u>	<u>-2,157</u>	<u>45,164,875</u>
Jan-14	<u>52,042,065</u>	<u>-5,131</u>	<u>52,036,934</u>
Feb-14	<u>48,662,512</u>	<u>808</u>	<u>48,663,320</u>
Mar-14	<u>41,208,439</u>	<u>-10,029</u>	<u>41,198,410</u>
Apr-14	<u>32,983,367</u>	<u>-2,213</u>	<u>32,981,154</u>
May-14	<u>33,859,239</u>	<u>-2,302</u>	<u>33,856,937</u>
Jun-14	<u>38,473,804</u>	<u>-2,223</u>	<u>38,471,581</u>
Jul-14	<u>39,460,626</u>	<u>-39</u>	<u>39,460,587</u>
Aug-14	<u>40,207,011</u>	<u>-1,074</u>	<u>40,205,937</u>
Sep-14	<u>36,386,282</u>	<u>-78</u>	<u>36,386,204</u>
Oct-14	<u>34,985,224</u>	<u>-7,242</u>	<u>34,977,982</u>
	<u>940,740,945</u>	<u>-50,584</u>	<u>940,690,361</u>

SHELBY ENERGY COOPERATIVE, INC.
ANALYSIS OF FUEL ADJUSTMENT REVENUE
MONTHLY OVER-RECOVERY OR UNDER-RECOVERY OF FUEL COSTS
NOVEMBER, 2012 - OCTOBER, 2014

	ORIG FAC SALES TO CUSTOMERS	CALC OF FAC ADJ	FC FACTOR	ADJ TO FAC	NET FAC TO CUSTOMERS
Nov-12	-49,500.74	578	-0.00135	-0.78	-49,501.52
Dec-12	-42,087.02	-641	-0.00104	0.67	-42,086.35
Jan-13	84,745.25	-3,317	0.00187	-6.20	84,739.05
Feb-13	118,936.10	-4,028	0.00278	-11.20	118,924.90
Mar-13	-58,753.18	-11,535	-0.00143	16.50	-58,736.68
Apr-13	-16,736.08	1,221	-0.00049	-0.60	-16,736.68
May-13	-19,971.39	-204	-0.00060	0.12	-19,971.27
Jun-13	35,008.69	-624	0.00095	-0.59	35,008.10
Jul-13	110,148.23	6,805	0.00283	19.26	110,167.49
Aug-13	47,600.12	-510	0.00122	-0.62	47,599.50
Sep-13	-87,160.71	654	-0.00247	-1.62	-87,162.33
Oct-13	-61,123.73	-5,759	-0.00179	10.31	-61,113.42
Nov-13	-95,964.22	-1,544	-0.00245	3.78	-95,960.44
Dec-13	-167,988.81	-2,157	-0.00372	8.02	-167,980.79
Jan-14	-105,621.59	-5,131	-0.00203	10.42	-105,611.17
Feb-14	22,385.54	808	0.00046	0.37	22,385.91
Mar-14	-35,399.47	-10,029	-0.00086	8.62	-35,390.85
Apr-14	29,307.94	-2,213	0.00089	-1.97	29,305.97
May-14	22,018.93	-2,302	0.00065	-1.50	22,017.43
Jun-14	113,464.18	-2,223	0.00295	-6.56	113,457.62
Jul-14	108,889.06	-39	0.00276	-0.11	108,888.95
Aug-14	85,613.73	-1,074	0.00213	-2.29	85,611.44
Sep-14	81,487.25	-78	0.00224	-0.17	81,487.08
Oct-14	87,096.65	-7,242	0.00249	-18.03	87,078.62
	206,394.73	-50,584		25.83	206,420.56

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, 2012 - OCTOBER, 2014

	KWH PURCHASED	KWH SALES TO CUSTOMERS	KWH LINE LOSS
Nov-12	38,712,970	36,686,779	2,026,191
Dec-12	42,145,206	40,481,866	1,663,340
Jan-13	47,433,787	45,333,454	2,100,333
Feb-13	42,633,570	42,789,675	-156,105
Mar-13	44,424,194	41,079,251	3,344,943
Apr-13	34,599,496	34,164,160	435,336
May-13	34,842,502	33,314,316	1,528,186
Jun-13	38,086,271	36,853,818	1,232,453
Jul-13	39,792,281	38,940,563	851,718
Aug-13	41,165,805	39,020,438	2,145,367
Sep-13	35,724,404	35,296,850	427,554
Oct-13	35,579,199	34,151,643	1,427,556
Nov-13	40,587,756	39,173,627	1,414,129
Dec-13	46,661,279	45,164,875	1,496,404
Jan-14	56,819,952	52,036,934	4,783,018
Feb-14	47,477,708	48,663,320	-1,185,612
Mar-14	43,893,642	41,198,410	2,695,232
Apr-14	33,563,185	32,981,154	582,031
May-14	35,870,198	33,856,937	2,013,261
Jun-14	39,693,325	38,471,581	1,221,744
Jul-14	40,526,767	39,460,587	1,066,180
Aug-14	42,628,502	40,205,937	2,422,565
Sep-14	36,733,409	36,386,204	347,205
Oct-14	35,737,012	34,977,982	759,030
	975,332,420	940,690,361	34,642,059

24 Month Average %	34,642,059 / 975,332,420	=	0.03552
Wholesale Power Supplier's Adjustment Per kWh		=	0.00000
Shelby Energy's 24 Month Average Line Loss		=	0.03552
Shelby Energy's Change in Base Rate Per kW	0.00000 / 0.964482	=	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
Prepay Service-Rate 15		
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. 2014-00469

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