



Cumberland Valley Electric

A Touchstone Energy Cooperative

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PUBLIC SERVICE  
COMMISSION

September 21, 2017

John S. Lyons  
Acting Executive Director  
Kentucky Public Service Commission  
211 Sower Boulevard  
P.O. Box 615  
Frankfort, Kentucky 40602-0615

Re: PSC Case No. 2017-00326

Dear Mr. Lyons:

Enclosed are the original and seven copies of the data response of Cumberland Valley Electric as requested in Case No. 2017-00326. Each response includes the name of the witness and a signed certification of the person supervising the preparation.

If you have any questions about this filing, please feel free to contact me.

Sincerely,

Robert Tolliver  
Office Manager

Enclosures

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MAIN OFFICE:

P.O. Box 440 • Gray, KY 40734

Phone: 606-528-2677 • Fax: 606-523-2698

DISTRICT OFFICE:

P.O. Box C • Cumberland, KY 40823

Phone: 606-589-4421 • Fax: 606-589-5297

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In The Matter Of:

AN EXAMINATION BY THE PUBLIC SERVICE COMMISSION	)	
OF THE ENVIRONMENTAL SURCHARGE MECHANISM OF	)	
EAST KENTUCKY POWER COOPERATIVE, INC. FOR THE	)	CASE NO.
TWO-YEAR BILLING PERIOD ENDING JUNE 30, 2017	)	2071-00326
AND THE PASS THROUGH MECHANISM FOR IT'S	)	
SIXTEEN MEMBER DISTRIBUTION COOPERATIVES	)	

CERTIFICATE

Robert Tolliver, being duly sworn, states that he has supervised the preparation of the response of Cumberland Valley Electric, Inc. to the Public Service Commission Staff's First Request for Information to East Kentucky Power Cooperative, Inc.'s Sixteen Member Distribution Cooperatives in the above-referenced case, and that the matters and things set forth therein are true and accurate to the best of his knowledge, information and belief, formed after reasonable inquiry.



Robert Tolliver

COMMONWEALTH OF KENTUCKY )  
 )  
 COUNTY OF KNOX )

Subscribed and sworn to before me by Robert Tolliver, Office Manager of Cumberland Valley Electric, Inc. this 21<sup>st</sup> day of September 2017.



Notary Public

ID: 528194

My Commission Expires: 2-13-19

Cumberland Valley Electric  
PSC Case No. 2017-00326  
Response to Commission Staff's  
First Request for Information

**Request No. 2**

This question is addressed to EKPC and the Member Cooperatives. For each of the 16 Member Cooperatives, prepare a summary schedule showing the Member Cooperative's pass-through revenue requirement for the months corresponding with the two-year review. Include the two months subsequent to the billing period included in the applicable review period. Include a calculation of any additional over- or under-recovery amount the distribution cooperative believes needs to be recognized for the two-year review. Provide the schedule and all supporting calculations and documentation in Excel spreadsheet format with all cells and formulas intact and unprotected.

**Response:**

Please see EKPC's response to the Commission Staff's first data request dated August 31, 2017.

Witness: Robert Tolliver

**Request No. 7**

This question is addressed to each of the 16 member cooperatives.  
For your particular distribution cooperative, provide the actual average residential customer's monthly usage for the 12 months ended May 31, 2017. Based on this usage amount, provide the dollar impact any over- or under-recovery will have on the average residential customer's monthly bill for the requested recovery period.

**Response:**

**No Recovery**

Average Monthly Residential Usage 12 Months Ending May 31, 2017		1,113
<u>Energy@</u>	0.08749	\$97.38
Customer Charge		\$12.00
Fuel @	-0.0075835	(\$8.44)
Environmental Surcharge @	14.04%	\$14.17
Local School Tax @	3.00%	<u>\$3.45</u>
TOTAL BILL AMOUNT		\$118.56

\*See Exhibit A Page 1 of 2

**Six-Month Recovery**

Average Monthly Residential Usage 12 Months Ending May 31, 2017		1,113
<u>Energy@</u>	0.08749	\$97.38
Customer Charge		\$12.00
Fuel @	-0.0075835	(\$8.44)
Environmental Surcharge @	13.47%	\$13.60
Local School Tax @	3.00%	<u>\$3.44</u>
TOTAL BILL AMOUNT		\$117.98

\*See Exhibit A Page 2 thru 3

The Dollar Impact (\$0.58)

Witness: Robert Tolliver

East Kentucky Power Cooperative, Inc. - Distribution Cooperatives  
Pass Through Mechanism Report for Cumberland Valley Electric

For the Month Ending August 2017

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Surcharge Factor Expense Month	EKPC CESF %	EKPC BESF %	EKPC MESF %	EKPC Monthly Revenues from Sales to Cumberland Valley	On-peak Revenue Adjustment	EKPC Net Monthly Sales to Cumberland Valley	EKPC 12-months Ended Average Monthly Revenue from Sales to Cumberland Valley	Cumberland Valley Revenue Requirement	Amortization of (Over)/Under Recovery	Cumberland Valley Net Revenue Requirement	Cumberland Valley Total Monthly Retail Revenues	On-Peak Retail Revenue Adjustment	Cumberland Valley Net Monthly Retail Revenues	12-months ended Avg. Retail Revenues, Net	Cumberland Valley Pass Through Mechanism Factor
			Col. (1) - Col. (2)			Col. (4) - Col. (5)		Col. (3) x Col. (7)		Col. (8) + Col. (9)			Col. (11) - Col. (12)		Col. (10) / Col. (14)
Sep-15	17.07%	0.00%	17.07%	2,035,131		2,035,131	2,525,497	431,102	51,284	482,386	2,748,815		2,748,815	3,369,509	14.27%
Oct-15	18.51%	0.00%	18.51%	1,903,972		1,903,972	2,518,620	466,197	51,284	517,481	2,658,192		2,658,192	3,352,997	15.36%
Nov-15	18.81%	0.00%	18.81%	2,217,995		2,217,995	2,463,788	463,439	51,284	514,723	2,946,593		2,946,593	3,280,687	15.35%
Dec-15	18.40%	0.00%	18.40%	2,338,046		2,338,046	2,414,003	444,176	51,284	495,460	3,054,138		3,054,138	3,234,598	15.10%
Jan-16	16.00%	0.00%	16.00%	3,205,061		3,205,061	2,395,332	383,253	51,284	434,537	4,266,702		4,266,702	3,224,735	13.43%
Feb-16	10.92%	0.00%	10.92%	2,725,508		2,725,508	2,323,025	253,674	-	253,674	3,759,898		3,759,898	3,134,818	7.87%
Mar-16	14.30%	0.00%	14.30%	2,071,720		2,071,720	2,271,597	324,838	15,822	340,660	3,070,381		3,070,381	3,105,912	10.87%
Apr-16	17.59%	0.00%	17.59%	1,747,929		1,747,929	2,267,095	398,782	15,822	414,604	2,585,987		2,585,987	3,090,687	13.35%
May-16	18.99%	0.00%	18.99%	1,821,160		1,821,160	2,265,008	430,125	15,822	445,947	2,270,828		2,270,828	3,066,581	14.43%
Jun-16	19.60%	0.00%	19.60%	2,147,958		2,147,958	2,248,058	440,619	15,822	456,441	2,961,179		2,961,179	3,071,310	14.88%
Jul-16	16.50%	0.00%	16.50%	2,403,724		2,403,724	2,242,023	369,934	15,822	385,756	3,309,279		3,309,279	3,060,846	12.56%
Aug-16	14.29%	0.00%	14.29%	2,453,561		2,453,561	2,255,980	322,380	15,948	338,328	3,218,955		3,218,955	3,070,912	11.05%
Sep-16	14.76%	0.00%	14.76%	2,083,941		2,083,941	2,260,048	333,583	126	333,709	3,225,325		3,225,325	3,110,621	10.87%
Oct-16	17.17%	0.00%	17.17%	1,703,731		1,703,731	2,243,361	385,185	126	385,311	2,300,792		2,300,792	3,080,838	12.39%
Nov-16	19.95%	0.00%	19.95%	2,143,385		2,143,385	2,237,144	446,310	126	446,436	2,946,675		2,946,675	3,080,845	14.49%
Dec-16	16.92%	0.00%	16.92%	2,726,467		2,726,467	2,269,512	384,001	126	384,127	3,617,479		3,617,479	3,127,790	12.47%
Jan-17	11.21%	0.00%	11.21%	2,698,236		2,698,236	2,227,277	249,678	125	249,803	3,434,082		3,434,082	3,058,405	7.99%
Feb-17	12.26%	0.00%	12.26%	2,287,998		2,287,998	2,190,818	268,594	-	268,594	3,372,095		3,372,095	3,026,088	8.78%
Mar-17	15.73%	0.00%	15.73%	2,281,888		2,281,888	2,208,332	347,371	-	347,371	3,375,059		3,375,059	3,051,478	11.48%
Apr-17	15.40%	0.00%	15.40%	1,692,443		1,692,443	2,203,708	339,371	(10,771)	328,600	2,448,411		2,448,411	3,040,013	10.77%
May-17	19.86%	0.00%	19.86%	1,822,894		1,822,894	2,203,852	437,685	(10,771)	426,914	2,612,968		2,612,968	3,068,525	14.04%
Jun-17	18.13%	0.00%	18.13%	1,915,811		1,915,811	2,184,507	396,051	(8,009)	388,042	2,898,341		2,898,341	3,063,288	12.65%
Jul-17	17.75%	0.00%	17.75%	2,257,537		2,257,537	2,172,324	385,588	(8,009)	377,579	3,154,287		3,154,287	3,050,372	12.33%
Aug-17	15.89%	0.00%	15.89%	2,128,958		2,128,958	2,145,274	340,884	(8,009)	332,875	3,123,649		3,123,649	3,042,430	10.91%

Notes:  
Cumberland Valley Total Monthly Retail Revenues in Column (11) includes demand and energy charges, customer charges, and FAC revenues.  
Revenues reported in Columns (4), (5), (7), (11), (13), and (14) are net of Green Power Revenues.



East Kentucky Power Cooperative, Inc. - Distribution Cooperatives  
Pass Through Mechanism Report for Cumberland Valley Electric

For the Month Ending August 2017

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
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Sep-15	17.07%	0.00%	17.07%	2,035,131		2,035,131	2,525,497	431,102	51,284	482,386	2,748,815		2,748,815	3,369,509	14.27%
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Nov-15	18.81%	0.00%	18.81%	2,217,995		2,217,995	2,463,788	463,439	51,284	514,723	2,946,593		2,946,593	3,280,687	15.35%
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Notes:  
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Revenues reported in Columns (4), (6), (7), (11), (13), and (14) are net of Green Power Revenues.

Cumberland Valley - Calculation of (Over)/Under Recovery					
Line No.	Month & Year	EKPC Invoice Month recorded Member's Books (2)	Billed to Retail Consumer & recorded on Member's Books (3)	Monthly (Over) or Under (4)	Cumulative (Over) or Under (5)
1	Previous (Over)/Under-Recovery Remaining to be Amortized				
1a	From Case No. 2016-00144 (Over)/Under-Recovery				\$380
1b	From Case No. 2016-00335 (Over)/Under-Recovery				(\$64,625)
1c	From Case No. 2017-00071 (Over)/Under-Recovery				\$16,570
1d	Total Previous (Over)/Under-Recovery				(\$47,675)
2	Jan-17	\$456,540	\$497,558	(\$41,018)	(\$88,693)
3	Feb-17	\$256,485	\$420,403	(\$163,918)	(\$252,611)
4	Mar-17	\$279,759	\$289,708	\$10,051	(\$242,560)
5	Apr-17	\$266,222	\$215,042	\$51,180	(\$191,380)
6	May-17	\$280,725	\$299,994	(\$19,269)	(\$210,648)
7	Jun-17	\$380,479	\$312,144	\$68,335	(\$142,314)
Post Review	Jul-17	\$409,290	\$442,797	(\$33,507)	(\$175,820)
	Aug-17	\$0	\$0	\$0	(\$175,820)
Less Adjustment for Order amounts remaining to be amortized at end of review period June 2017					
8		Amount Per Case Order Remaining to be Amortized at beginning of Review Period	Amortization of Previous (Over)/Under Recoveries During Review Period		Amount Per Case Order Remaining to be Amortized at end of Review Period
8a	Case No. 2016-00144 Recovery	(\$380)	\$380		\$0
8b	Case No. 2016-00335 Recovery	\$64,625	(\$10,771)		\$53,854
8c	Case No. 2017-00071 Recovery	(\$16,570)	\$0		(\$16,570)
8d	Total Order amounts remaining - Over/(Under):				\$37,284
9	Cumulative six month (Over)/Under-Recovery (Cumulative net of remaining Case amortizations (Ln 7&8d))				(\$105,030)
10	Monthly recovery (per month for six months)				(\$17,505)
Reconciliation					
11	Previous (Over)/Under-Recovery Remaining to be Amortized, beginning of Review Period				(\$47,675)
12	Previous (Over)/Under-Recovery Remaining to be Amortized, ending of Review Period				\$37,284
13	Total Amortization during Review Period				(\$10,391)
14	(Over)/Under-Recovery from Column 5, Line 9				(\$105,030)
15	Less: Total Monthly (Over)/Under-Recovery for Review Period (Column 4, Lines 2 thru 7)				(\$94,639)
16	Difference				(\$10,391)

Amortization Detail, Column 3, Line 8:

Month & Year	Case No. 2016-00144	Case No. 2016-00335	Case No. 2017-00071
Jan-17	\$126	\$0	\$0
Feb-17	\$126	\$0	\$0
Mar-17	\$128	\$0	\$0
Apr-17	\$0	\$0	\$0
May-17	\$0	\$0	\$0
Jun-17	\$0	(\$10,771)	\$0
Totals	\$380	(\$10,771)	\$0