

## RECEIVED

MAY 03 2018

PUBLIC SERVICE COMMISSION

April 27, 2018

Ms. Gwen Pinson
Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, Kentucky 40602-0615

Re: PSC Case No. 2018-00075

Dear Ms. Pinson:

Enclosed are the original and six copies of the data response of Cumberland Valley Electric as requested in Case No. 2018-00075. 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

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

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



MAY 03 2018

# COMMONWEALTH OF KENTUCKY

PUBLIC SERVICE COMMISSION

#### 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  SIX MONTH BILLING PERIOD ENDING DECEMBER 31, 2017,  AND THE PASS THROUGH MECHANISM FOR IT'S  SIXTEEN MEMBER DISTRIBUTION COOPERATIVES  )
<u>CERTIFICATE</u>
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.    Cooperative
COMMONWEATLH OF KENTUCKY )
COUNTY OF KNOX )
Subscribed and sworn to before me by Robert Tolliver, Office Manager of Cumberland Valley Electric, Inc. this <u>274</u> day of April 2018.
Barbara Elliott

ID: 528194

My Commission Expires: <u>2-13-19</u>

Cumberland Valley Electric PSC Case No. 2018-00075 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 six-month review. Include a calculation of any additional over- or underrecovery amount the distribution cooperative believes needs to be recognized for the six-month 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 Request 2 of the Commission Staff's First Request for Information dated April 6, 2018.

Witness: Robert Tolliver

CUMBERLAND VALLEY ELECTRIC
PSC CASE NO. 2018-000075
RESPONSE TO COMMISSION'S REQUEST 6

#### Request No. 6

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 November 30, 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 November 30, 2017							
0.08500	\$90.78 \$12.00						
-0.0032234	(\$3.44)						
12.82%	\$12.74						
3.00%	<u>\$3.36</u> \$115.44						
	30, 2017 0.08500 -0.0032234 12.82%						

<sup>\*</sup>See Exhibit A Page 1 of 2

#### Six-Month Recovery

Six-Month Recovery		
Average Monthly Residential I 12 Months Ending November		1,068
Energy@ Customer Charge	0.08500	\$90.78 \$12.00
Fuel @	-0.0032234	(\$3.44)
Environmental Surcharge @	12.45%	\$12.37
Local School Tax @	3.00%	<u>\$3.35</u>
TOTAL BILL AMOUNT		\$115.06
*See Exhibit A Page 2 thru 3		
The Dollar Impact		(\$0.38)

Witness: Robert Tolliver

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

For the Month Ending March 2018

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
	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 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
Apr-16 May-16 Jun-16	17.59% 18.99% 19.60%	0.00% 0.00% 0.00%	17.59% 18.99% 19.60%	1,747,929 1,821,160 2,147,958		1,747,929 1,821,160 2,147,958	2,267,095 2,265,008 2,248,058	398,782 430,125 440,619	15,822 15,822 15,822	414,604 445,947 456,441	2,585,987 2,270,828 2,961,179		2,585,987 2,270,828 2,961,179	3,090,687 3,066,581 3,071,310	13.359 14.439 14.889
Jul-16 Aug-16	16.50% 14.29%	0.00%	16.50% 14.29%	2,403,724 2,453,561		2,403,724 2,453,561	2,242,023 2,255,980	369,934 322,380	15,822 15,948	385,756 338,328	3,309,279 3,218,955		3,309,279 3,218,955	3,060,846 3,070,912	12.569 11.059
Sep-16 Oct-16	14.76% 17.17%	0.00%	14.76% 17.17%	2,083,941 1,703,731		2,083,941 1,703,731	2,260,048 2,243,361	333,583 385,185	126 126	333,709 385,311	3,225,325 2,300,792		3,225,325 2,300,792	3,110,621 3,080,838	10.879 12.399
Nov-16 Dec-16	19.95% 16.92%	0.00%	19.95% 16.92%	2,143,385 2,726,467		2,143,385 2,726,467	2,237,144 2,269,512	446,310 384,001	126 126	446,436 384,127	2,946,675 3,617,479		2,946,675 3,617,479	3,080,845 3,127,790	14.499 12.479
Jan-17 Feb-17	11.21% 12.26%	0.00%	11.21% 12.26%	2,698,236 2,287,998		2,698,236 2,287,998	2,227,277 2,190,818	249,678 268,594	125	249,803 268,594	3,434,082 3,372,095		3,434,082 3,372,095	3,058,405 3,026,088	7.999 8.789
Mar-17 Apr-17	15.73% 15.40%	0.00%	15.73% 15.40%	2,281,888 1,692,443		2,281,888 1,692,443	2,208,332 2,203,708	347,371 339,371	(10,771)	347,371 328,600	3,375,059 2,448,411		3,375,059 2,448,411	3,051,478 3,040,013	11.489 10.779
May-17 Jun-17	19.86% 18.13%	0.00%	19.86% 18.13%	1,822,894 1,915,811		1,822,894 1,915,811	2,203,852 2,184,507	437,685 396,051	(10,771) (8,009)	426,914 388,042	2,612,968 2,898,341		2,612,968 2,898,341	3,068,525 3,063,288	14.049 12.659
Jul-17 Aug-17	17.75% 15.89%	0.00%	17.75% 15.89%	2,257,537 2,128,958		2,257,537 2,128,958	2,172,324 2,145,274	385,588 340,884	(8,009) (8,009)	377,579 332,875	3,154,287 3,123,649		3,154,287 3,123,649	3,050,372 3,042,430	12.339
Sep-17 Oct-17	17.53% 20.51%	0.00%	17.53% 20.51%	1,667,687 1,921,094		1,667,687 1,921,094	2,110,586 2,128,700	369,986 436,596	(8,008) 2,762	361,978 439,358	2,620,038 2,324,850		2,620,038 2,324,850	2,991,990 2,993,994	11.909 14.689
Nov-17 Dec-17	17.87% 16.39%	0.00%	17.87% 16.39%	2,195,719 2,903,405		2,195,719 2,903,405	2,133,061 2,147,806	381,178 352,025	2,760 (17,505)	383,938 334,520	3,215,243 4,003,876		3,215,243 4,003,876	3,016,375 3,048,575	12.829 11.099
Jan-18 Feb-18	10.79% 7.29%	0.00%	10.79% 7.29%	3,555,791 2,498,609		3,555,791 2,498,609	2,219,269 2,236,820	239,459 163,064	(17,505) (17,505)	221,954 145,559	4,655,531 3,753,560		4,655,531 3,753,560	3,150,362 3,182,151	7.289 4.629
Mar-18	13.52%	0.00%	13.52%	2,405,016		2,405,016	2,247,080	303,805	(17,505)	286,300	3,598,701		3,598,701	3,200,788	9.00%

#### 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), (6), (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 March 2018

	(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 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
Apr-16 May-16 Jun-16	17.59% 18.99% 19.60% 16.50%	0.00% 0.00% 0.00% 0.00%	17.59% 18.99% 19.60% 16.50%	1,747,929 1,821,160 2,147,958 2,403,724		1,747,929 1,821,160 2,147,958 2,403,724	2,267,095 2,265,008 2,248,058 2,242,023	398,782 430,125 440,619 369,934	15,822 15,822 15,822 15,822	414,604 445,947 456,441 385,756	2,585,987 2,270,828 2,961,179		2,585,987 2,270,828 2,961,179	3,090,687 3,066,581 3,071,310	13.359 14.439 14.889
Jul-16 Aug-16 Sep-16	14.29% 14.76%	0.00%	14.29% 14.76%	2,453,561 2,083,941		2,453,561 2,083,941	2,255,980 2,260,048	322,380 333,583	15,948 126	338,328 333,709	3,309,279 3,218,955 3,225,325		3,309,279 3,218,955 3,225,325	3,060,846 3,070,912 3,110,621	12.569 11.059 10.879
Oct-16 Nov-16	17.17% 19.95%	0.00%	17.17% 19.95%	1,703,731		1,703,731	2,243,361 2,237,144	385,185 446,310	126 126	385,311 446,436	2,300,792 2,946,675		2,300,792 2,946,675	3,080,838 3,080,845	12.399
Dec-16 Jan-17	16.92% 11.21%	0.00%	16.92% 11.21%	2,726,467 2,698,236		2,726,467 2,698,236	2,269,512 2,227,277	384,001 249,678	126 125	384,127 249,803	3,617,479 3,434,082		3,617,479 3,434,082	3,127,790 3,058,405	12.479 7.999
Feb-17 Mar-17	12.26% 15.73%	0.00%	12.26% 15.73%	2,287,998 2,281,888		2,287,998 2,281,888	2,190,818 2,208,332	268,594 347,371		268,594 347,371	3,372,095 3,375,059		3,372,095 3,375,059	3,026,088 3,051,478	8.789 11.489
Apr-17 May-17 Jun-17	15.40% 19.86% 18.13%	0.00% 0.00% 0.00%	15.40% 19.86% 18.13%	1,692,443 1,822,894 1,915,811		1,692,443 1,822,894 1,915,811	2,203,708 2,203,852 2,184,507	339,371 437,685 396,051	(10,771) (10,771) (8,009)	328,600 426,914 388,042	2,448,411 2,612,968 2,898,341		2,448,411 2,612,968 2,898,341	3,040,013 3,068,525 3,063,288	10.779 14.049 12.659
Jul-17 Aug-17	17.75% 15.89%	0.00%	17.75% 15.89%	2,257,537 2,128,958		2,257,537 2,128,958	2,172,324 2,145,274	385,588 340,884	(8,009) (8,009)	377,579 332,875	3,154,287 3,123,649		3,154,287 3,123,649	3,050,372 3,042,430	12.339
Sep-17 Oct-17	17.53% 20.51%	0.00%	17.53% 20.51%	1,667,687 1,921,094		1,667,687 1,921,094	2,110,586 2,128,700	369,986 436,596	(8,008) 2,762	361,978 439,358	2,620,038 2,324,850		2,620,038 2,324,850	2,991,990 2,993,994	11.909 14.689
Nov-17 Dec-17	17.87% 16.39%	0.00%	17.87% 16.39%	2,195,719 2,903,405		2,195,719 2,903,405	2,133,061 2,147,806	381,178 352,025	(8,420) (17,505)	372,758 334,520	3,215,243 4,003,876		3,215,243 4,003,876	3,016,375 3,048,575	12.459 11.099
Jan-18 Feb-18 Mar-18	10.79% 7.29% 13.52%	0.00% 0.00% 0.00%	10.79% 7.29% 13.52%	3,555,791 2,498,609 2,405,016		3,555,791 2,498,609 2,405,016	2,219,269 2,236,820 2,247,080	239,459 163,064 303,805	(17,505) (17,505) (17,505)	221,954 145,559 286,300	4,655,531 3,753,560 3,598,701		4,655,531 3,753,560 3,598,701	3,150,362 3,182,151 3,200,788	7.289 4.629 9.009

Cumberland Valley Total Monthly Retail Revenues in Column (11) includes demand and energy charges, customer charges, and FAC revenues. Revenues reported in Columns (4), (6), (7), (11), (13), and (14) are net of Green Power Revenues.

#### Cumberland Valley - Calculation of (Over)/Under Recovery

			Billed to Retail						
		EKPC Invoice	Consumer &		0 1 1				
		Month recorded Member's Books	recorded on Member's Books	Monthly (Over) or Heder	Cumulative				
Line No.	Month & Year	(2)	(3)	(Over) or Under (4)	(Over) or Under (5)				
	Previous (Over)/Under-Recovery Remains		(3)	(4)	(3)				
1a	From Case No. 2016-00335 (Over)/Un				(\$53,854)				
1b	From Case No. 2017-00071 (Over)/Un	\$16,570							
1c	From Case No. 2017-00326 (Over)/Under-Recovery								
1d	Total Previous (Over)/Under-Recovery	(\$105,030) (\$142,314)							
2	Jul-17	\$409,290	\$442,797	(\$33,507)	(\$175,821)				
3	Aug-17	\$377,890	\$395,150	(\$17,260)	(\$193,081)				
4	Sep-17	\$264,994	\$323,114	(\$58,120)	(\$251,201)				
5	Oct-17	\$336,768	\$253,586	\$83,182	(\$168,018)				
6	Nov-17	\$450,342	\$382,618	\$67,724	(\$100,294)				
7	Dec-17	\$518,840	\$587,893	(\$69,053)	(\$169,348)				
Post	Jan-18	\$582,793	\$596,861	(\$14,068)	(\$183,416)				
Review	Feb-18	\$269,599	\$416,280	(\$146,681)	(\$330,097)				
	Less Adjustment for Order amounts re	maining to be amortize	d at end of review peri	od December 2017					
		Amount Per Case	Amortization of						
8		Order Remaining	Previous		Amount Per Case				
		to be Amortized at	(Over)/Under		Order Remaining to				
		beginning of Review Period	Recoveries During Review Period		be Amortized at end				
8a	Case No. 2016-00335 Recovery	\$53,854	(\$53,854)		of Review Period \$0				
8b	Case No. 2017-00071 Recovery	(\$16,570)	\$13,810		(\$2,760)				
8c	Case No. 2017-00071 Recovery	\$105,030	\$13,010		\$105,030				
8d	Case No. 2017-00320 Necovery		tal Order amounts rem	aining - Over/(Under):	\$103,030				
			ar order arrioding rom	uning Over/ender).	0102,210				
9	Cumulative six month (Over)/Under-Re	ecovery [Cumulative ne	et of remaining Case a	mortizations (Ln 7&8d)]	(\$67,078)				
10	Monthly recovery (per month for six mo	onths			(\$11,180)				
					(4,100)				
	Reconciliation:								
11	Previous (Over)/Under-Recovery Rem	aining to be Amedized	haginaing of Povious	Pariod	(\$142,314)				
12	Previous (Over)/Under-Recovery Rem				\$102,270				
12	Previous (Over)/Orider-Recovery Rem	airiing to be Amortized	, ending of Review Fer	iou	\$102,270				
13	Total Amortization during Review Perio	(\$40,044)							
14	(Over)/Under-Recovery from Column 5	(\$67,078)							
15	Less: Total Monthly (Over)/Under-Red	thru 7)	(\$27,034)						
16	Difference	(\$40,044)							

Amortization Detail, Column 3, Line 8:

Month & Year	Case No. 2016-00335	Case No. 2017-00071	Case No. 2017-00326
Jul-17	(\$10,771)	\$0	\$0
Aug-17	(\$10,771)	\$2,762	\$0
Sep-17	(\$10,771)	\$2,762	\$0
Oct-17	(\$10,771)	\$2,762	\$0
Nov-17	(\$10,770)	\$2,762	\$0
Dec-17	\$0	\$2,762	\$0
Totals	(\$53,854)	\$13,810	\$0

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

## Request No. 7

This question is addressed to EKPC and the Member Cooperatives. State whether you would be amenable to the use of electronic filing procedures for environmental surcharge review cases.

### Response:

Cumberland Valley would be amenable to the use of electronic filing procedures for environmental surcharge review cases.

Witness: Robert Tolliver