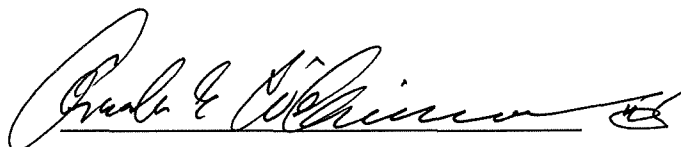


## CERTIFICATION

Charles G. Williamson III, Vice President, Finance & CFO for Blue Grass Energy Cooperative Corporation, being duly sworn, states as follows with regards to the Responses filed by Blue Grass Energy Cooperative Corporation in the Case No 2019-00171, now pending before the Public Service Commission of the Commonwealth of Kentucky:

1. That he is the person supervising the preparation of the responses on behalf of Blue Grass Energy Cooperative Corporation.
2. That the responses are true and accurate to the best of his knowledge and belief.



Charles G. Williamson III

Subscribed and sworn to before me the affiant, Charles G. Williamson III, this 18<sup>th</sup> day of June 2019.

My commission expires 2/5/2023



Notary Public, State of Kentucky at Large

**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 over- or under-recovery 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 No. 2 of the Commission Staff's First Request for Information dated June 5, 2019.

**Witness: Charles G. Williamson III**

**Blue Grass Energy Cooperative Corporation**  
**Case No. 2019-00171**  
**Response to Commission's Request No. 6**

Request No. 6:

This question is addressed to each of the 16 Member Cooperatives. For your particular Member Cooperative, provide the actual average residential customer's monthly usage for the 12 months ending November 30, 2018. Based on this usage amount, provide the dollar impact of any over or under recovery will have on the average residential customer's monthly bill for the requested recovery period.

Response:

Please see EKPC's response to Request No. 2 of the Commission Staff's First Request for information dated June 5, 2019 for the calculation of the review period's over or under recovery.

	<u>Residential KWH</u>	<u>Residential No. of Consumers</u>	<u>Average KWH</u>
Dec-17	97,541,157	55,274	1,765
Jan-18	114,783,781	55,369	2,073
Feb-18	69,299,719	55,313	1,253
Mar-18	75,127,502	55,356	1,357
Apr-18	87,303,631	55,446	1,575
May-18	58,811,046	55,497	1,060
Jun-18	65,727,465	55,599	1,182
Jul-18	71,796,493	55,643	1,290
Aug-18	69,125,549	55,798	1,239
Sep-18	59,463,272	55,709	1,067
Oct-18	56,011,388	55,709	1,005
Nov-18	75,250,595	55,715	1,351
	<u>900,241,598</u>	<u>666,428</u>	<u>1,351</u>

WITNESS: Charles G. Williamson III

**Actual Average Bill**

Average KWH usage	1,351 KWH	
Energy	\$	111.88
Customer Charge		16.50
Fuel Adj @ (.00243)		(3.28)
Environmental Surcharge @ 11.35%		14.20
School Tax @ 3.0%		<u>4.18</u>
<b>TOTAL BILL AMOUNT</b>	\$	143.47

**Test Month-June 2018  
Monthly over recovery of  
Recovery Period of Six Months**

Average KWH usage	1,351 KWH	
Energy	\$	111.88
Customer Charge		16.50
Fuel Adj @ (.00243)		(3.28)
Environmental Surcharge @ 11.52%		14.41
School Tax @ 3.0%		<u>4.19</u>
<b>TOTAL BILL AMOUNT</b>	\$	143.69

*A difference of \$0.22 increase per month would result in average residential monthly bill.*

WITNESS: Charles G. Williamson III

East Kentucky Power Cooperative, Inc. - Distribution Cooperatives  
 Pass Through Mechanism Report for Blue Grass Energy

Appendix B  
 Item 6  
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 Actual

For the Month Ending April 2019

	(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 Blue Grass	On-peak Revenue Adjustment	EKPC Net Monthly Sales to Blue Grass	EKPC 12-months Ended Average Monthly Revenue from Sales to Blue Grass	Blue Grass Revenue Requirement	Amortization of (Over)/Under Recovery (*)	Cooperative Net Revenue Requirement	Cooperative Total Monthly Retail Revenues	On-Peak Retail Revenue Adjustment	Blue Grass Net Monthly Retail Revenues	12-months ended Avg. Retail Revenues, Net	Cooperative 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-17	15.40%	0.00%	15.40%	\$ 5,066,717		\$ 5,066,717	\$ 6,453,525	\$ 993,843	\$ (14,223)	\$ 979,620	\$ 8,655,909		\$ 8,655,909	\$ 9,005,171	10.91%
May-17	19.86%	0.00%	19.86%	\$ 5,534,192		\$ 5,534,192	\$ 6,472,869	\$ 1,285,512	\$ (14,223)	\$ 1,271,289	\$ 7,216,135		\$ 7,216,135	\$ 8,991,162	14.12%
Jun-17	18.13%	0.00%	18.13%	\$ 6,269,623		\$ 6,269,623	\$ 6,465,847	\$ 1,172,258	\$ 26,273	\$ 1,198,531	\$ 8,210,451		\$ 8,210,451	\$ 9,018,128	13.33%
Jul-17	17.75%	0.00%	17.75%	\$ 6,952,362		\$ 6,952,362	\$ 6,446,100	\$ 1,144,183	\$ 26,273	\$ 1,170,456	\$ 9,127,320		\$ 9,127,320	\$ 9,024,523	12.98%
Aug-17	15.89%	0.00%	15.89%	\$ 6,489,376		\$ 6,489,376	\$ 6,365,496	\$ 1,011,477	\$ 26,273	\$ 1,037,750	\$ 9,447,838		\$ 9,447,838	\$ 8,984,995	11.50%
Sep-17	17.53%	0.00%	17.53%	\$ 5,216,078		\$ 5,216,078	\$ 6,266,827	\$ 1,098,575	\$ 26,275	\$ 1,124,850	\$ 8,218,948		\$ 8,218,948	\$ 8,835,733	12.52%
Oct-17	20.51%	0.00%	20.51%	\$ 5,400,793		\$ 5,400,793	\$ 6,288,097	\$ 1,289,689	\$ 40,496	\$ 1,330,185	\$ 7,719,222		\$ 7,719,222	\$ 8,794,058	15.05%
Nov-17	17.87%	0.00%	17.87%	\$ 6,111,304		\$ 6,111,304	\$ 6,314,763	\$ 1,128,448	\$ 40,495	\$ 1,168,943	\$ 7,846,629		\$ 7,846,629	\$ 8,802,490	13.29%
Dec-17	16.39%	0.00%	16.39%	\$ 8,264,840		\$ 8,264,840	\$ 6,344,124	\$ 1,039,802	\$ (31,479)	\$ 1,008,323	\$ 9,535,913		\$ 9,535,913	\$ 8,805,942	11.45%
Jan-18	10.79%	0.00%	10.79%	\$ 9,883,545		\$ 9,883,545	\$ 6,502,145	\$ 701,581	\$ (31,479)	\$ 670,102	\$ 12,865,995		\$ 12,865,995	\$ 8,980,411	7.61%
Feb-18	7.29%	0.00%	7.29%	\$ 7,587,894		\$ 7,587,894	\$ 6,593,349	\$ 480,655	\$ (31,479)	\$ 449,176	\$ 11,975,901		\$ 11,975,901	\$ 9,133,337	5.00%
Mar-18	13.52%	0.00%	13.52%	\$ 7,090,097		\$ 7,090,097	\$ 6,655,568	\$ 899,833	\$ (31,479)	\$ 868,354	\$ 9,165,333		\$ 9,165,333	\$ 9,165,466	9.51%
Apr-18	14.49%	0.00%	14.49%	\$ 5,938,683		\$ 5,938,683	\$ 6,728,232	\$ 974,921	\$ (31,479)	\$ 943,442	\$ 10,589,653		\$ 10,589,653	\$ 9,326,612	10.29%
May-18	15.84%	0.00%	15.84%	\$ 6,222,814		\$ 6,222,814	\$ 6,785,617	\$ 1,074,842	\$ (31,476)	\$ 1,043,366	\$ 8,074,885		\$ 8,074,885	\$ 9,398,174	11.19%
Jun-18	15.59%	0.00%	15.59%	\$ 6,921,195		\$ 6,921,195	\$ 6,839,915	\$ 1,066,343	\$ -	\$ 1,066,343	\$ 9,107,492		\$ 9,107,492	\$ 9,472,928	11.35%
Jul-18	14.17%	0.00%	14.17%	\$ 6,505,088		\$ 6,505,088	\$ 6,802,642	\$ 963,934	\$ 20,088	\$ 984,022	\$ 9,751,431		\$ 9,751,431	\$ 9,524,937	10.39%
Aug-18	15.19%	0.00%	15.19%	\$ 6,507,169		\$ 6,507,169	\$ 6,804,125	\$ 1,033,547	\$ 20,088	\$ 1,053,635	\$ 9,689,590		\$ 9,689,590	\$ 9,545,083	11.06%
Sep-18	15.42%	0.00%	15.42%	\$ 6,057,583		\$ 6,057,583	\$ 6,874,250	\$ 1,060,009	\$ 20,088	\$ 1,080,097	\$ 9,149,466		\$ 9,149,466	\$ 9,622,626	11.32%
Oct-18	16.16%	0.00%	16.16%	\$ 5,632,701		\$ 5,632,701	\$ 6,893,576	\$ 1,114,002	\$ 20,088	\$ 1,134,090	\$ 8,138,139		\$ 8,138,139	\$ 9,657,536	11.79%
Nov-18	16.83%	0.00%	16.83%	\$ 6,793,057		\$ 6,793,057	\$ 6,950,389	\$ 1,169,750	\$ 20,088	\$ 1,189,838	\$ 8,442,901		\$ 8,442,901	\$ 9,707,225	12.32%
Dec-18	14.68%	0.00%	14.68%	\$ 7,934,669		\$ 7,934,669	\$ 6,922,875	\$ 1,016,278	\$ 20,087	\$ 1,036,365	\$ 10,191,160		\$ 10,191,160	\$ 9,761,829	10.68%
Jan-19	12.16%	0.00%	12.16%	\$ 8,474,788		\$ 8,474,788	\$ 6,805,478	\$ 827,546	\$ (62,273)	\$ 765,273	\$ 10,613,996		\$ 10,613,996	\$ 9,574,162	7.84%
Feb-19	12.10%	0.00%	12.10%	\$ 6,842,510		\$ 6,842,510	\$ 6,743,363	\$ 815,947	\$ (62,273)	\$ 753,674	\$ 12,288,045		\$ 12,288,045	\$ 9,600,174	7.87%
Mar-19	15.23%	0.00%	15.23%	\$ 7,132,628		\$ 7,132,628	\$ 6,746,907	\$ 1,027,554	\$ (62,273)	\$ 965,281	\$ 9,808,324		\$ 9,808,324	\$ 9,653,757	10.05%
Apr-19	15.77%	0.00%	15.77%	\$ 5,400,613		\$ 5,400,613	\$ 6,702,068	\$ 1,056,916	\$ (62,273)	\$ 994,643	\$ 8,733,559		\$ 8,733,559	\$ 9,499,083	10.30%

Notes:

Blue Grass 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 Blue Grass Energy

Appendix B  
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 Adjusted

For the Month Ending April 2019

	(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 Blue Grass	On-peak Revenue Adjustment	EKPC Net Monthly Sales to Blue Grass	EKPC 12-months Ended Average Monthly Revenue from Sales to Blue Grass	Blue Grass Revenue Requirement	Amortization of (Over)/Under Recovery (*)	Cooperative Net Revenue Requirement	Cooperative Total Monthly Retail Revenues	On-Peak Retail Revenue Adjustment	Blue Grass Net Monthly Retail Revenues	12-months ended Avg. Retail Revenues, Net	Cooperative 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-17	15.40%	0.00%	15.40%	\$ 5,066,717		\$ 5,066,717	\$ 6,453,525	\$ 993,843	\$ (14,223)	\$ 979,620	\$ 8,655,909		\$ 8,655,909	\$ 9,005,171	10.91%
May-17	19.86%	0.00%	19.86%	\$ 5,534,192		\$ 5,534,192	\$ 6,472,869	\$ 1,285,512	\$ (14,223)	\$ 1,271,289	\$ 7,216,135		\$ 7,216,135	\$ 8,991,162	14.12%
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Aug-17	15.89%	0.00%	15.89%	\$ 6,489,376		\$ 6,489,376	\$ 6,365,496	\$ 1,011,477	\$ 26,273	\$ 1,037,750	\$ 9,447,838		\$ 9,447,838	\$ 8,984,995	11.50%
Sep-17	17.53%	0.00%	17.53%	\$ 5,216,078		\$ 5,216,078	\$ 6,266,827	\$ 1,098,575	\$ 26,275	\$ 1,124,850	\$ 8,218,948		\$ 8,218,948	\$ 8,835,733	12.52%
Oct-17	20.51%	0.00%	20.51%	\$ 5,400,793		\$ 5,400,793	\$ 6,288,097	\$ 1,289,689	\$ 40,496	\$ 1,330,185	\$ 7,719,222		\$ 7,719,222	\$ 8,794,058	15.05%
Nov-17	17.87%	0.00%	17.87%	\$ 6,111,304		\$ 6,111,304	\$ 6,314,763	\$ 1,128,448	\$ 40,495	\$ 1,168,943	\$ 7,846,629		\$ 7,846,629	\$ 8,802,490	13.29%
Dec-17	16.39%	0.00%	16.39%	\$ 8,264,840		\$ 8,264,840	\$ 6,344,124	\$ 1,039,802	\$ (31,479)	\$ 1,008,323	\$ 9,535,913		\$ 9,535,913	\$ 8,805,942	11.45%
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Feb-18	7.29%	0.00%	7.29%	\$ 7,587,894		\$ 7,587,894	\$ 6,593,349	\$ 480,655	\$ (31,479)	\$ 449,176	\$ 11,975,901		\$ 11,975,901	\$ 9,133,337	5.00%
Mar-18	13.52%	0.00%	13.52%	\$ 7,090,097		\$ 7,090,097	\$ 6,655,568	\$ 899,833	\$ (31,479)	\$ 868,354	\$ 9,165,333		\$ 9,165,333	\$ 9,165,466	9.51%
Apr-18	14.49%	0.00%	14.49%	\$ 5,938,683		\$ 5,938,683	\$ 6,728,232	\$ 974,921	\$ (31,479)	\$ 943,442	\$ 10,589,653		\$ 10,589,653	\$ 9,326,612	10.29%
May-18	15.84%	0.00%	15.84%	\$ 6,222,814		\$ 6,222,814	\$ 6,785,617	\$ 1,074,842	\$ (31,476)	\$ 1,043,366	\$ 8,074,885		\$ 8,074,885	\$ 9,398,174	11.19%
Jun-18	15.59%	0.00%	15.59%	\$ 6,921,195		\$ 6,921,195	\$ 6,839,915	\$ 1,066,343	\$ 15,969	\$ 1,082,312	\$ 9,107,492		\$ 9,107,492	\$ 9,472,928	11.52%
Jul-18	14.17%	0.00%	14.17%	\$ 6,505,088		\$ 6,505,088	\$ 6,802,642	\$ 963,934	\$ 20,088	\$ 984,022	\$ 9,751,431		\$ 9,751,431	\$ 9,524,937	10.39%
Aug-18	15.19%	0.00%	15.19%	\$ 6,507,169		\$ 6,507,169	\$ 6,804,125	\$ 1,033,547	\$ 20,088	\$ 1,053,635	\$ 9,689,590		\$ 9,689,590	\$ 9,545,083	11.06%
Sep-18	15.42%	0.00%	15.42%	\$ 6,057,583		\$ 6,057,583	\$ 6,874,250	\$ 1,060,009	\$ 20,088	\$ 1,080,097	\$ 9,149,466		\$ 9,149,466	\$ 9,622,626	11.32%
Oct-18	16.16%	0.00%	16.16%	\$ 5,632,701		\$ 5,632,701	\$ 6,893,576	\$ 1,114,002	\$ 20,088	\$ 1,134,090	\$ 8,138,139		\$ 8,138,139	\$ 9,657,536	11.79%
Nov-18	16.83%	0.00%	16.83%	\$ 6,793,057		\$ 6,793,057	\$ 6,950,389	\$ 1,169,750	\$ 20,088	\$ 1,189,838	\$ 8,442,901		\$ 8,442,901	\$ 9,707,225	12.32%
Dec-18	14.68%	0.00%	14.68%	\$ 7,934,669		\$ 7,934,669	\$ 6,922,875	\$ 1,016,278	\$ 20,087	\$ 1,036,365	\$ 10,191,160		\$ 10,191,160	\$ 9,761,829	10.68%
Jan-19	12.16%	0.00%	12.16%	\$ 8,474,788		\$ 8,474,788	\$ 6,805,478	\$ 827,546	\$ (62,273)	\$ 765,273	\$ 10,613,996		\$ 10,613,996	\$ 9,574,162	7.84%
Feb-19	12.10%	0.00%	12.10%	\$ 6,842,510		\$ 6,842,510	\$ 6,743,363	\$ 815,947	\$ (62,273)	\$ 753,674	\$ 12,288,045		\$ 12,288,045	\$ 9,600,174	7.87%
Mar-19	15.23%	0.00%	15.23%	\$ 7,132,628		\$ 7,132,628	\$ 6,746,907	\$ 1,027,554	\$ (62,273)	\$ 965,281	\$ 9,808,324		\$ 9,808,324	\$ 9,653,757	10.05%
Apr-19	15.77%	0.00%	15.77%	\$ 5,400,613		\$ 5,400,613	\$ 6,702,068	\$ 1,056,916	\$ (62,273)	\$ 994,643	\$ 8,733,559		\$ 8,733,559	\$ 9,499,083	10.30%

**Blue Grass - 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. 2017-00326 (Over)/Under-Recovery				(\$31,476)
1b	From Case No. 2018-00075 (Over)/Under-Recovery				\$120,527
1c	From Case No. 2018-00306 (Over)/Under-Recovery				(\$373,637)
1d	Total Previous (Over)/Under-Recovery				(\$284,586)
2	Jul-18	\$1,014,145	\$1,003,409	\$10,736	(\$273,850)
3	Aug-18	\$922,067	\$1,099,764	(\$177,697)	(\$451,547)
4	Sep-18	\$920,148	\$950,618	(\$30,470)	(\$482,018)
5	Oct-18	\$868,562	\$900,069	(\$31,507)	(\$513,525)
6	Nov-18	\$1,097,759	\$955,746	\$142,013	(\$371,512)
7	Dec-18	\$1,335,404	\$1,201,542	\$133,862	(\$237,650)
Post Review	Jan-19	\$1,244,099	\$1,307,697	(\$63,598)	(\$301,248)
	Feb-19	\$832,048	\$1,312,355	(\$480,307)	(\$781,555)
Less Adjustment for Order amounts remaining to be amortized at end of review period December 2018					
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. 2017-00326 Recovery	\$31,476	(\$31,476)		\$0
8b	Case No. 2018-00075 Recovery	(\$120,527)	\$80,352		(\$40,175)
8c	Case No. 2018-00306 Recovery	\$373,637	\$0		\$373,637
8d	Total Order amounts remaining - Over/(Under):				\$333,462

9	Cumulative six month (Over)/Under-Recovery [Cumulative net of remaining Case amortizations (Ln 7&8d)]	\$95,812
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10	Monthly recovery (per month for six months)	\$15,969
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Reconciliation:		
11	Previous (Over)/Under-Recovery Remaining to be Amortized, beginning of Review Period	(\$284,586)
12	Previous (Over)/Under-Recovery Remaining to be Amortized, ending of Review Period	\$333,462
13	Total Amortization during Review Period	\$48,876
14	(Over)/Under-Recovery from Column 5, Line 9	\$95,812
15	Less: Total Monthly (Over)/Under-Recovery for Review Period (Column 4, Lines 2 thru 7)	\$46,936
16	Difference	\$48,876

Amortization Detail, Column 3, Line 8:

Month & Year	Case No. 2017-00326	Case No. 2018-00075	Case No. 2018-00326
Jul-18	(\$31,476)	\$0	\$0
Aug-18	\$0	\$0	\$0
Sep-18	\$0	\$20,088	\$0
Oct-18	\$0	\$20,088	\$0
Nov-18	\$0	\$20,088	\$0
Dec-18	\$0	\$20,088	\$0
Totals	(\$31,476)	\$80,352	\$0