### COMMONWEALTH OF KENTUCKY

### BEFORE THE PUBLIC SERVICE COMMISSION

In The	Matter Of	:.
111 11116	: Matter Oi	

AN ELECTRONIC EXAMINATION BY THE PUBLIC SERVICE	)	
COMMISSION OF THE ENVIRONMENTAL SURCHARGE	)	
MECHANISM OF EAST KENTUCKY POWER COOPERATIVE, INC.	)	CASE NO.
FOR THE SIX MONTH EXPENSE PERIOD ENDING	)	2019-00171
NOVEMBER 30, 2018, AND THE PASS-THROUGH MECHANISM OF	)	
IT'S SIXTEEN MEMBER DISTRIBUTION COOPERATIVES	)	

### **CERTIFICATE**

Jared Routh, being duly sworn, states that he has supervised the preparation of the response of Shelby Electric Cooperative, 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.

	Jared Routh	
COMMONWEATLH OF KENTUCKY	) }	
COUNTY OF SHELBY	1	

Subscribed and sworn to before me by Jared Routh, SVP Finance and Cooperative Services of Shelby Electric Cooperative, Inc. this <u>24</u> day of June 2019.

# Shelby Energy Cooperative's Response to the Commission Staff's First Request for Information Case No. 2019-00171

### Question:

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 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 2 of the Commission Staff's First
 Request for Information dated June 5, 2019.

# Shelby Energy Cooperative's Response to the Commission Staff's First Request for Information Case No. 2019-00171

### Question:

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 any over- or under-recovery will have on the average residential customer's monthly bill for the requested recovery period.

### Response

6. Using billing data ending November 30, 2018, the average monthly residential usage is 1,334 kWh resulting in an average residential monthly bill of \$147.08 when no over-or-under-recovery amount is included. When the over-or-under-recovery is included in the calculation for the same period of time, \$146.81 is the monthly bill. The result is a dollar impact of \$0.27 credit to the customer. Please refer to Exhibit A, Pages 1-4, for supporting calculations and documentation.

# **Shelby Energy Cooperative, Inc**

Actual Average Residential Monthly B		
Average Monthly Residential kWh:		1,334
Residential Rate:		
Facility Charge	\$15.00	\$15.00
kWh Charge	\$0.08841	117.94
Fuel Adjustment Factor	(\$0.00341)	(4.55)
Surcharge (November 2018)	11.22%	14.41
** Refer to Exhibit A - Page 2 of	of 4	
County Tax	3.00%	<u>\$4.28</u>
		\$147.08
Actual Average Residential Monthly E	Bill with Recovery	1,334
Average Monthly Residential kWh: Residential Rate:		
Average Monthly Residential kWh: Residential Rate: Facility Charge	\$15.00	\$15.00
Average Monthly Residential kWh: Residential Rate: Facility Charge kWh Charge	\$15.00 \$0.08841	\$15.00 117.94
Average Monthly Residential kWh: Residential Rate: Facility Charge kWh Charge Fuel Adjustment Factor	\$15.00 \$0.08841 (\$0.00341)	\$15.00 117.94 (4.55)
Average Monthly Residential kWh: Residential Rate: Facility Charge kWh Charge Fuel Adjustment Factor Surcharge (November 2018)	\$15.00 \$0.08841 (\$0.00341) 11.01%	\$15.00 117.94 (4.55)
Average Monthly Residential kWh: Residential Rate: Facility Charge kWh Charge Fuel Adjustment Factor Surcharge (November 2018) ** Refer to Exhibit A - Page 3 to	\$15.00 \$0.08841 (\$0.00341) 11.01%	\$15.00 117.94 (4.55) 14.14
Average Monthly Residential kWh: Residential Rate: Facility Charge kWh Charge Fuel Adjustment Factor Surcharge (November 2018)	\$15.00 \$0.08841 (\$0.00341) 11.01%	\$15.00 117.94 (4.55) 14.14 <u>\$4.28</u>
Average Monthly Residential kWh: Residential Rate: Facility Charge kWh Charge Fuel Adjustment Factor Surcharge (November 2018) ** Refer to Exhibit A - Page 3 to	\$15.00 \$0.08841 (\$0.00341) 11.01%	\$15.00 117.94 (4.55) 14.14
Average Monthly Residential kWh: Residential Rate: Facility Charge kWh Charge Fuel Adjustment Factor Surcharge (November 2018) ** Refer to Exhibit A - Page 3 to	\$15.00 \$0.08841 (\$0.00341) 11.01%	\$15.00 117.94 (4.55) 14.14 <u>\$4.28</u>

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

For the Month Ending April 2019

	(1)	(2)	(3)		(4)	(5)		(6)		(7)		(8)		(9)		(10)		(11)	(12)		(13)		(14)	(15)
	1.7		(-)		KPC	On-peak	E	EKPC Net	EKP	C 12-months		Shelby	Am	nortization		Shelby		Shelby	On-Peak		Shelby	1	2-months	Shelby
					onthly	Revenue		Monthly		led Average		evenue		of		Revenue		Total	Retail	N	let Monthly		ended	Pass
Surcharge					nues from	Adjustment		Sales		thly Revenue	Re	quirement	(Ov	er)/Under		evenue	Мо	nthly Retail	Revenue		Retail	Α	vg. Retail	Through
Factor					les to	, ,		to		m Sales to				ecovery		quirement		Revenues	Adjustment	) F	Revenues		Revenues.	Mechanism
Expense	EKPC	EKPC	EKPC	Sh	helby	V.		Shelby		Shelby				1					,				Net	Factor
Month	CESF %	BESF %	MESF %					,		,														
			Col. (1) - Col. (2)				Co	ol. (4) - Col. (5)			Col	(3) x Col (7)			Col	(8) + Col (9)				Col.	(11) - Col. (12)			Col (10) / Col (14)
																						T		
May-17	19.86%	0.00%	19.86%	\$ 2	2,121,755		\$	2,121,755	\$	2,379,096	\$	472,488	\$	(1,893)	\$	470,595	\$	2,693,816		\$	2,693,816	\$	3,190,808	14.69%
Jun-17	18.13%	0.00%	18.13%		2,329,055		\$	2,329,055	\$	2,373,358	\$	430,290	\$	3,516	\$	433,806	\$	2,727,758		\$	2,727,758	\$	3,194,180	13.60%
Jul-17	17.75%	0.00%	17.75%		2,481,476		\$		\$	2,361,294	\$	,	\$	3,516	\$	422,646	\$	3,125,397		\$			3,192,135	13.23%
Aug-17	15.89%	0.00%	15.89%		,425,806		\$	-,,	\$	-11	\$	371,015		3,516	\$	374,531	\$	3,272,533		\$	,		3,185,487	11.73%
Sep-17	17.53%	0.00%	17.53%		2,013,124		\$	2,013,124		_,	\$	403,410		3,514		406,924		3,496,189		\$			3,181,786	12.77%
Oct-17	20.51%	0.00%	20.51%		2,073,511		\$	2,073,511		2,306,644	\$		\$		\$	478,502		2,930,213		\$	2,930,213	-	3,153,063	15.04%
Nov-17	17.87%	0.00%	17.87%		2,234,513		\$	2,234,513		, , , , , , , , , , , , , , , , , , , ,	\$	413,752	\$	,	\$	419,161	\$	2,919,171		\$		-	3,165,131	13.29%
Dec-17	16.39%	0.00%	16.39%		2,790,924		\$		\$	2,316,650	\$	379,699	\$	(6,959)	\$	372,740	\$	3,166,162		\$		-	3,173,435	11.78%
Jan-18	10.79%	0.00%	10.79%		3,225,121		\$		\$	2,352,473	\$		\$	(6,959)		246,873		3,969,292		\$			3,199,267	7.78%
Feb-18	7.29%	0.00%	7.29%		2,729,701		\$	2,729,701		-,,	\$	174,031	\$	(6,959)		167,072	\$	4,455,142		\$	4,455,142		3,271,507	5.22%
Mar-18	13.52%	0.00%	13.52%		2,517,366		\$	2,517,366		2,407,707	\$	,	\$	(6,959)		318,563	\$	3,572,323		\$		\$	3,296,208	9.74%
Apr-18	14.49%	0.00%	14.49%		2,167,945		\$	2,167,945		, ,	\$		\$	(6,959)		344,548	\$	3,593,230		\$	, ,	\$	3,326,769	10.45%
May-18	15.84%	0.00%	15.84%		2,336,137		\$	2,336,137		, , .	\$		\$	(6,959)	\$	380,127	\$	3,357,154		\$	3,357,154		3,382,047	11.43%
Jun-18	15.59%	0.00%	15.59%		2,521,895		\$	2,521,895		,	\$	383,482			\$	383,482	\$	3,229,588		\$	3,229,588		3,423,866	11.34%
Jul-18	14.17%	0.00%	14.17%		2,331,226		\$	2,331,226		-, ,	\$	346,779	\$	(23,634)		323,145		3,536,385		\$	, ,		3,458,115	9.44%
Aug-18	15.19%	0.00%	15.19%		2,385,464		\$	2,385,464		2,443,911	\$		\$	(23,634)	-	347,596	\$	3,568,565		\$	3,568,565	-	3,482,784	10.05%
Sep-18	15.42%	0.00%	15.42%		2,217,129		\$	2,217,129		2,460,911	\$	379,472		(23,634)		355,838		3,600,311		\$	3,600,311		3,491,461	10.22%
Oct-18	16.16%	0.00%	16.16%		2,147,034		\$	2,147,034			\$		\$	(23,634)	\$	375,039	_	3,148,281		\$	3,148,281		3,509,634	10.74%
Nov-18	16,83%	0.00%	16.83%		2,393,707		\$	2,393,707		2,480,304	\$	417,435	\$	(23,634)	\$	393,801		2,989,764		\$	2,989,764	\$	3,515,516	11.22%
Dec-18	14.68%	0.00%	14.68%		2,722,975		\$	2,722,975		2,474,642			\$	(23,636)		339,641	\$	3,316,947		\$		\$	3,528,082	9.66%
Jan-19	12.16%	0.00%	12.16%		2,863,649		\$	2,863,649			\$		\$	(26,222)		271,032		3,599,510		\$	3,599,510		3,497,267	7.68%
Feb-19	12.10%	0.00%	12.10%		2,441,126		\$	2,441,126		2,420,471	\$	292,877		(26,222)		266,655		4,013,129		\$	4,013,129		3,460,432	7.62%
Mar-19	15.23%	0.00%	15.23%		2,540,242		\$	2,540,242		2,422,377	\$	368,928	\$	(26,222)	\$	342,706		4,107,807		\$	4,107,807		3,505,056	9.90%
Apr-19	15.77%	0.00%	15.77%	\$ 2	2,060,006		\$	2,060,006	\$	2,413,383	\$	380,590	\$	(26,222)	\$	354,368	\$	3,482,291		\$	3,482,291	\$	3,495,811	10.11%

#### For the Month Ending April 2019

Surcharge   Factor   Expense   Monthly   Revenue from   Sales to   Shelby   Shelby   Sales to   Shelby   Sales to   Shelby   Shelb	On-Peak Retail Revenue Adjustment	Shelby Net Monthly Retail Revenues	12-months ended Avg. Retail Revenues, Net	Shelby Pass Through Mechanism Factor
Surcharge Factor   Expense   EKPC   EKPC   EKPC   BESF %   Col. (1) - Col. (2)   Col. (4) - Col. (5)   Col. (3) x Col. (7)   Col. (8) + Col. (9)   Col. (1) - Col. (2)   Col. (4) - Col. (5)   Col. (3) x Col. (7)   Col. (8) + Col. (9)   Col. (1) - Col. (2)   Col. (4) - Col. (5)   Col. (3) x Col. (7)   Col. (8) + Col. (9)   Col. (1) - Col. (2)   Col. (4) - Col. (5)   Col. (3) x Col. (7)   Col. (8) + Col. (9)   Col. (1) - Col. (2)   Col. (4) - Col. (5)   Col. (3) x Col. (7)   Col. (8) + Col. (9)   Col. (1) - Col. (2)   Col. (4) - Col. (5)   Col. (4) - Col. (5)   Col. (3) x Col. (7)   Col. (8) + Col. (9)   Col. (1) - Col. (2)   Col. (4) - Col. (5)   Col. (4) - Col. (5)   Col. (3) x Col. (7)   Col. (8) + Col. (9)   Col. (8) + Col. (9)   Col. (1) - Col. (2)   Col. (4) - Col. (5)   Col. (3) x Col. (7)   Col. (8) + Col. (9)   Col. (1) - Col. (2)   Col. (4) - Col. (5)   Col. (4) - Col. (5)   Col. (4) - Col. (5)   Col. (3) x Col. (7)   Col. (8) + Col. (9)   Col. (8) + Col. (9)   Col. (1) - Col. (1) + Col. (9)   Col. (1) - Col. (1) + Col. (1)   Col. (2)   Col. (4) - Col. (5)   Col. (4) - Col. (5)   Col. (3) x Col. (7)   Col. (1) + Col. (9)   Col. (1) + Col. (9)   Col. (1) - Col. (1) + Col. (1)   Col. (2)   Col. (1) + Col. (2)   Col. (2) + Col. (2)   Col. (2) + Col. (2) + Col. (2)   Col. (2) + Col.	Revenue	Retail	Avg. Retail Revenues,	Through Mechanism
Factor   Expense   EKPC   EKPC   BESF %   MESF %   MESF %   Col. (1) - Col. (2)   Col. (4) - Col. (5)   Col. (3) x Col. (7)   Col. (8) + Col. (9)   Col. (1) - Col. (9)   Col. (1) - Col. (2)   Col. (1) - Col. (2)   Col. (4) - Col. (5)   Col. (3) x Col. (7)   Col. (8) + Col. (9)   Col. (1) - Col. (9)   Col. (1) - Col. (2)   Col. (1) - Col. (2)   Col. (4) - Col. (5)   Col. (3) x Col. (7)   Col. (8) + Col. (9)   Col. (1) - Col. (9)   Col. (1) - Col. (2)   Col. (1) - Col. (2)   Col. (4) - Col. (5)   Col. (3) x Col. (7)   Col. (8) + Col. (9)   Col. (1) - Col. (9)   Col. (1) - Col. (2)   Col. (1) - Col. (2)   Col. (1) - Col. (5)   Col. (3) x Col. (7)   Col. (8) + Col. (9)   Col. (1) - Col. (9)   Col. (1) - Col. (1) - Col. (2)   Col. (1) - Col. (2)   Col. (1) - Col. (5)   Col. (3) x Col. (7)   Col. (8) + Col. (9)   Col. (1) - Col. (1) - Col. (2)   Col. (4) - Col. (5)   Col. (3) x Col. (7)   Col. (8)   Col. (1) - Col. (9)   Col. (1) - Col. (2)   Col. (1) - Col. (2)   Col. (1) - Col. (5)   Col. (1) - Col. (2)   Col. (2)   Col. (1) - Col. (5)   Col. (3) x Col. (7)   Col. (8)   Col. (1) - Col. (9)   Col. (1) - Col. (2)   Col. (1) - Col. (5)   Col. (1) - Col. (5)   Col. (3) x Col. (7)   Col. (8)   Col. (1) - Col. (1)   Col. (1) - Col. (1)   Col. (1) - Col. (2)   Col.			Revenues,	Mechanism
Expense   Month   CESF %   BESF %   MESF %   Col. (1) - Col. (2)   Col. (4) - Col. (5)   Col. (3) x Col (7)   Col. (8) + Col. (9)	Adjustment	Revenues		
May-17		-	Net	Factor
May-17 19.86% 0.00% 19.86% \$ 2,121,755 \$ 2,329,055 \$ 2,329,055 \$ 2,329,055 \$ 2,329,055 \$ 2,329,055 \$ 2,333,358 \$ 430,290 \$ 3,516 \$ 433,806 \$ 2,727,758 \$ 1,01-17 17.75% 0.00% 17.75% \$ 2,481,476 \$ 2,481,476 \$ 2,361,294 \$ 419,130 \$ 3,516 \$ 422,646 \$ 3,125,397 \$ 15.89% 0.00% 15.89% \$ 2,425,806 \$ 2,425,806 \$ 2,425,806 \$ 2,334,899 \$ 371,015 \$ 3,516 \$ 374,531 \$ 3,272,533 \$ 17.53% 0.00% 17.53% \$ 2,013,124 \$ 2,013,125,125 \$ 403,410 \$ 3,514 \$ 406,924 \$ 3,496,189 \$ 100-17 \$ 17.87% \$ 0.00% \$ 17.87% \$ 2,234,513 \$ 2,234,513 \$ 2,234,513 \$ 2,234,513 \$ 2,234,513 \$ 2,234,513 \$ 2,234,513 \$ 2,315,347 \$ 413,752 \$ 5,409 \$ 419,161 \$ 2,919,171 \$ 10-17 \$ 16.39% \$ 0.00% \$ 16.39% \$ 2,790,924 \$ 2,790,924 \$ 2,316,650 \$ 379,699 \$ (6,959) \$ 372,740 \$ 3,166,162 \$ 10-17 \$ 10.39% \$ 0.00% \$ 10.79% \$ 3,225,121 \$ 3,225,121 \$ 2,352,473 \$ 253,832 \$ (6,959) \$ 372,740 \$ 3,166,162 \$ 10-17 \$ 10.79% \$ 0.00% \$ 10.79% \$ 2,729,701 \$ 2,729,701 \$ 2,387,253 \$ 174,031 \$ (6,959) \$ 318,563 \$ 3,572,323 \$ 10.19 \$				. 40.07
May-17 19.86% 0.00% 19.86% \$ 2,121,755 \$ 2,379,096 \$ 472,488 \$ (1,893) \$ 470,595 \$ 2,693,816 Jun-17 18.13% 0.00% 18.13% \$ 2,329,055 \$ 2,329,055 \$ 2,333,358 \$ 430,290 \$ 3,516 \$ 433,806 \$ 2,727,758 Jul-17 17.75% 0.00% 17.75% \$ 2,481,476 \$ 2,481,476 \$ 2,361,294 \$ 419,130 \$ 3,516 \$ 422,646 \$ 3,125,397 Aug-17 15.89% 0.00% 15.89% \$ 2,425,806 \$ 2,425,806 \$ 2,334,899 \$ 371,015 \$ 3,516 \$ 374,531 \$ 3,272,533 Sep-17 17.53% 0.00% 17.53% \$ 2,013,124 \$ 2,013,124 \$ 2,301,258 \$ 403,410 \$ 3,514 \$ 406,924 \$ 3,496,189 Oct-17 20.51% 0.00% 20.51% \$ 2,073,511 \$ 2,073,511 \$ 2,306,644 \$ 473,093 \$ 5,409 \$ 478,502 \$ 2,930,213 Nov-17 17.87% 0.00% 17.87% \$ 2,234,513 \$ 2,234,513 \$ 2,234,513 \$ 2,315,347 \$ 413,752 \$ 5,409 \$ 419,161 \$ 2,919,171 Dec-17 16.39% 0.00% 16.39% \$ 2,790,924 \$ 2,790,924 \$ 2,790,924 \$ 2,316,650 \$ 379,699 \$ (6,959) \$ 372,740 \$ 3,166,162 Jan-18 10.79% 0.00% 10.79% \$ 3,225,121 \$ 3,225,121 \$ 2,352,473 \$ 253,832 \$ (6,959) \$ 246,873 \$ 3,969,922 Feb-18 7.29% 0.00% 7.29% \$ 2,729,701 \$ 2,729,701 \$ 2,337,253 \$ 174,031 \$ (6,959) \$ 318,563 \$ 3,572,323 Apr-18 14.49% 0.00% 14.49% \$ 2,167,945 \$ 2,517,366 \$ 2,407,707 \$ 325,522 \$ (6,959) \$ 344,548 \$ 3,593,230 May-18 15.89% 0.00% 15.89% \$ 2,521,895 \$ 2,521,895 \$ 2,425,895 \$ 2,447,772 \$ 346,779 \$ (23,634) \$ 334,596 \$ 3,568,565 Aug-18 14.17% 0.00% 15.19% \$ 2,331,226 \$ 2,331,226 \$ 2,331,226 \$ 2,447,772 \$ 346,779 \$ (23,634) \$ 347,596 \$ 3,568,565				
Jun-17         18.13%         0.00%         18.13%         2,329,055         \$ 2,329,055         \$ 2,339,055         \$ 2,339,055         \$ 2,339,055         \$ 2,339,055         \$ 2,339,055         \$ 2,331,358         \$ 430,290         \$ 3,516         \$ 433,806         \$ 2,727,758         Jul-17         17.75%         0.00%         17.75%         \$ 2,481,476         \$ 2,481,476         \$ 2,331,294         \$ 419,130         \$ 3,516         \$ 422,646         \$ 3,125,397           Aug-17         15.89%         0.00%         15.89%         \$ 2,425,806         \$ 2,425,806         \$ 2,334,899         \$ 371,015         \$ 3,516         \$ 374,531         \$ 3,722,533           Sep-17         17.53%         0.00%         17.53%         \$ 2,013,124         \$ 2,013,124         \$ 2,301,258         \$ 403,410         \$ 3,514         \$ 406,924         \$ 3,496,189           Oct-17         20.51%         0.00%         17.87%         \$ 2,034,513         \$ 2,073,511         \$ 2,306,644         \$ 473,093         \$ 5,409         \$ 419,161         \$ 2,919,171           Dec-17         16.39%         0.00%         17.87%         \$ 2,234,513         \$ 2,331,5347         \$ 413,752         \$ 5,409         \$ 419,161         \$ 2,919,171           Dec-17         16.39%         0.00%         16		Col. (11) - Col. (12)		Col (10) / Col (14)
Jun-17         18.13%         0.00%         18.13%         2,329,055         \$ 2,329,055         \$ 2,339,055         \$ 2,339,055         \$ 2,339,055         \$ 2,339,055         \$ 2,339,055         \$ 2,331,358         \$ 430,290         \$ 3,516         \$ 433,806         \$ 2,727,758         Jul-17         17.75%         0.00%         17.75%         \$ 2,481,476         \$ 2,481,476         \$ 2,331,294         \$ 419,130         \$ 3,516         \$ 422,646         \$ 3,125,397           Aug-17         15.89%         0.00%         15.89%         \$ 2,425,806         \$ 2,425,806         \$ 2,334,899         \$ 371,015         \$ 3,516         \$ 374,531         \$ 3,722,533           Sep-17         17.53%         0.00%         17.53%         \$ 2,013,124         \$ 2,013,124         \$ 2,301,258         \$ 403,410         \$ 3,514         \$ 406,924         \$ 3,496,189           Oct-17         20.51%         0.00%         17.87%         \$ 2,034,513         \$ 2,073,511         \$ 2,306,644         \$ 473,093         \$ 5,409         \$ 419,161         \$ 2,919,171           Dec-17         16.39%         0.00%         17.87%         \$ 2,234,513         \$ 2,331,5347         \$ 413,752         \$ 5,409         \$ 419,161         \$ 2,919,171           Dec-17         16.39%         0.00%         16		+		
Jul-17       17.75%       0.00%       17.75%       2,481,476       \$ 2,481,476       \$ 2,361,294       \$ 419,130       \$ 3,516       \$ 422,646       \$ 3,125,397         Aug-17       15.89%       0.00%       15.89%       \$ 2,425,806       \$ 2,425,806       \$ 2,334,899       \$ 371,015       \$ 3,516       \$ 374,531       \$ 3,272,533         Sep-17       17.53%       0.00%       17.53%       \$ 2,013,124       \$ 2,013,124       \$ 2,301,258       \$ 403,410       \$ 3,514       \$ 406,924       \$ 3,496,189         Oct-17       20.51%       0.00%       20.51%       \$ 2,073,511       \$ 2,073,511       \$ 2,306,644       \$ 473,093       \$ 5,409       \$ 478,502       \$ 2,930,213         Nov-17       17.87%       0.00%       17.87%       \$ 2,234,513       \$ 2,234,513       \$ 2,315,347       \$ 413,752       \$ 5,409       \$ 419,161       \$ 2,919,171         Dec-17       16.39%       0.00%       16.39%       \$ 2,790,924       \$ 2,790,924       \$ 2,316,650       \$ 379,669       \$ (6,959)       \$ 372,740       \$ 3,166,162         Jan-18       10.79%       0.00%       10.79%       \$ 3,225,121       \$ 3,225,121       \$ 2,352,473       \$ 253,832       \$ (6,959)       \$ 246,873       \$ 3,969,292         Feb-		\$ 2,693,816		14.69%
Aug-17       15.89%       0.00%       15.89%       2,425,806       \$ 2,425,806       \$ 2,334,899       \$ 371,015       \$ 3,516       \$ 374,531       \$ 3,272,533         Sep-17       17.53%       0.00%       17.53%       \$ 2,013,124       \$ 2,013,124       \$ 2,301,258       \$ 403,410       \$ 3,514       \$ 406,924       \$ 3,496,189         Oct-17       20.51%       0.00%       20.51%       \$ 2,073,511       \$ 2,073,511       \$ 2,304,644       \$ 473,093       \$ 5,409       \$ 478,502       \$ 2,930,213         Nov-17       17.87%       0.00%       17.87%       \$ 2,234,513       \$ 2,234,513       \$ 2,315,347       \$ 413,752       \$ 5,409       \$ 419,161       \$ 2,919,171         Dec-17       16.39%       0.00%       16.39%       \$ 2,790,924       \$ 2,790,924       \$ 2,316,650       \$ 379,699       \$ (6,959)       \$ 372,740       \$ 3,166,162         Jan-18       10.79%       0.00%       10.79%       \$ 3,225,121       \$ 3,225,121       \$ 2,382,2473       \$ 253,832       \$ (6,959)       \$ 246,873       \$ 3,969,292         Feb-18       7.29%       0.00%       7.29%       \$ 2,729,701       \$ 2,729,701       \$ 2,387,253       \$ 174,031       \$ (6,959)       \$ 318,563       \$ 3,572,323         Apr		\$ 2,727,758		13.60%
Sep-17         17.53%         0.00%         17.53%         2,013,124         \$ 2,014,124         \$ 2,014,124		\$ 3,125,397		13.23%
Oct-17         20.51%         0.00%         20.51%         2,073,511         2,073,511         2,306,644         473,093         5,409         478,502         2,230,213           Nov-17         17.87%         0.00%         17.87%         2,234,513         2,234,513         2,315,347         413,752         5,409         419,161         2,919,171           Dec-17         16.39%         0.00%         16.39%         2,790,924         2,790,924         3,235,121         33,225,121         33,225,121         33,225,121         2,352,473         253,832         (6,959)         372,740         3,366,162           Feb-18         7.29%         0.00%         7.29%         2,729,701         2,729,701         2,387,253         174,031         (6,959)         36,959,292           Feb-18         7.29%         0.00%         13.52%         2,517,366         2,729,701         2,387,253         174,031         (6,959)         318,563         3,572,323           Apr-18         14.49%         0.00%         14.49%         2,167,945         2,167,945         2,425,858         351,507         (6,959)         344,548         3,593,230           May-18         15.84%         0.00%         15.84%         2,336,137         2,336,137         2,443,723 <td></td> <td>\$ 3,272,533</td> <td></td> <td>11.73%</td>		\$ 3,272,533		11.73%
Nov-17 17.87% 0.00% 17.87% \$ 2,234,513 \$ 2,315,347 \$ 413,752 \$ 5,409 \$ 419,161 \$ 2,919,171 Dec-17 16.39% 0.00% 16.39% \$ 2,790,924 \$ 2,790,924 \$ 2,316,650 \$ 379,699 \$ (6,959) \$ 372,740 \$ 3,166,162 Jan-18 10.79% 0.00% 10.79% \$ 3,225,121 \$ 2,352,473 \$ 253,832 \$ (6,959) \$ 246,873 \$ 3,969,292 Feb-18 7.29% 0.00% 7.29% \$ 2,729,701 \$ 2,729,701 \$ 2,387,253 \$ 174,031 \$ (6,959) \$ 246,873 \$ 3,969,292 Mar-18 13.52% 0.00% 13.52% \$ 2,517,366 \$ 2,407,707 \$ 325,522 \$ (6,959) \$ 318,563 \$ 3,572,323 Apr-18 14.49% 0.00% 14.49% \$ 2,167,945 \$ 2,167,945 \$ 2,425,858 \$ 351,507 \$ (6,959) \$ 344,548 \$ 3,593,230 May-18 15.84% 0.00% 15.84% \$ 2,336,137 \$ 2,336,137 \$ 2,443,723 \$ 387,086 \$ (6,959) \$ 383,482 \$ -\$ 383,482 \$ 3,593,230 Jul-18 14.17% 0.00% 14.17% \$ 2,331,226 \$ 2,521,895 \$ 2,531,226 \$ 2,447,272 \$ 346,779 \$ (23,634) \$ 323,145 \$ 3,556,385 Aug-18 15.19% 0.00% 15.19% \$ 2,385,464 \$ 2,385,464 \$ 2,443,911 \$ 371,230 \$ (23,634) \$ 347,596 \$ 3,568,565		\$ 3,496,189		12.77%
Dec.17       16.39%       0.00%       16.39%       2,799,924       \$ 2,799,924       \$ 2,316,650       \$ 379,699       \$ (6,959)       \$ 372,740       \$ 3,166,162         Jan-18       10.79%       0.00%       10.79%       \$ 3,225,121       \$ 3,225,121       \$ 2,352,473       \$ 253,832       \$ (6,959)       \$ 246,873       \$ 3,969,292         Feb-18       7.29%       0.00%       7.29%       \$ 2,729,701       \$ 2,729,701       \$ 2,387,253       \$ 174,031       \$ (6,959)       \$ 167,072       \$ 4,455,142         Mar-18       13.52%       0.00%       13.52%       \$ 2,517,366       \$ 2,517,366       \$ 2,407,707       \$ 325,522       \$ (6,959)       \$ 318,563       \$ 3,572,323         Apr-18       14.49%       0.00%       14.49%       \$ 2,167,945       \$ 2,167,945       \$ 2,425,858       \$ 351,507       \$ (6,959)       \$ 344,548       \$ 3,593,230         May-18       15.84%       0.00%       15.84%       \$ 2,336,137       \$ 2,336,137       \$ 2,443,723       \$ 387,086       \$ (6,959)       \$ 380,127       \$ 3,357,154         Jul-18       14.17%       0.00%       15.59%       \$ 2,521,895       \$ 2,521,895       \$ 2,449,7272       \$ 346,779       \$ (23,634)       \$ 323,145       \$ 3,536,385		\$ 2,930,213		15.04%
Jan-18       10.79%       0.00%       10.79%       3,225,121       \$ 3,225,121       \$ 2,352,473       \$ 253,832       \$ (6,959)       \$ 246,873       \$ 3,969,292         Feb-18       7.29%       0.00%       7.29%       \$ 2,729,701       \$ 2,729,701       \$ 2,387,253       \$ 174,031       \$ (6,959)       \$ 167,072       \$ 4,455,142         Mar-18       13.52%       0.00%       13.52%       \$ 2,517,366       \$ 2,517,366       \$ 2,407,707       \$ 325,522       \$ (6,959)       \$ 318,563       \$ 3,572,323         Apr-18       14.49%       0.00%       14.49%       \$ 2,167,945       \$ 2,167,945       \$ 2,425,858       \$ 351,507       \$ (6,959)       \$ 344,548       \$ 3,593,230         May-18       15.84%       0.00%       15.84%       \$ 2,336,137       \$ 2,336,137       \$ 2,443,723       \$ 387,086       \$ (6,959)       \$ 380,127       \$ 3,571,154         Jul-18       14.17%       0.00%       15.59%       \$ 2,521,895       \$ 2,521,895       \$ 2,459,793       \$ 383,482       -       \$ 383,482       -       \$ 383,482       3 3,29,588         Jul-18       14.17%       0.00%       14.17%       \$ 2,331,226       \$ 2,331,226       \$ 2,447,272       \$ 346,779       \$ (23,634)       \$ 323,145       \$ 3,568,		\$ 2,919,171		13.29%
Feb-18         7.29%         0.00%         7.29%         \$ 2,729,701         \$ 2,387,253         \$ 174,031         \$ (6,959)         \$ 167,072         \$ 4,455,142           Mar-18         13.52%         0.00%         13.52%         \$ 2,517,366         \$ 2,517,366         \$ 2,407,707         \$ 325,522         \$ (6,959)         \$ 318,563         \$ 3,572,323           Apr-18         14.49%         0.00%         14.49%         \$ 2,167,945         \$ 2,167,945         \$ 2,425,858         \$ 351,507         \$ (6,959)         \$ 344,548         \$ 3,593,230           May-18         15.84%         0.00%         15.84%         \$ 2,336,137         \$ 2,336,137         \$ 2,443,723         \$ 387,086         \$ (6,959)         \$ 380,127         \$ 3,357,154           Jun-18         15.59%         0.00%         15.59%         \$ 2,521,895         \$ 2,521,895         \$ 2,447,272         \$ 346,779         \$ 383,482         \$ -         \$ 383,482         \$ 3,229,588           Jul-18         14.17%         0.00%         14.17%         \$ 2,331,226         \$ 2,331,226         \$ 2,447,272         \$ 346,779         \$ (23,634)         \$ 323,145         \$ 3,566,385           Aug-18         15.19%         0.00%         15.19%         2,385,464         \$ 2,385,464         \$ 2,443,911 <td></td> <td>\$ 3,166,162</td> <td></td> <td>11.78%</td>		\$ 3,166,162		11.78%
Mar-18       13.52%       0.00%       13.52%       2,517,366       2,517,366       2,407,707       325,522       (6,959)       311,563       3,572,323         Apr-18       14.49%       0.00%       14.49%       2,167,945       2,467,945       2,425,858       351,507       (6,959)       344,548       3,593,230         May-18       15.84%       0.00%       15.84%       2,336,137       2,336,137       2,443,723       387,086       (6,959)       380,127       3,357,154         Jun-18       15.59%       0.00%       15.59%       2,521,895       2,521,895       2,245,9793       383,482       -       \$383,482       3,229,588         Jul-18       14.17%       0.00%       14.17%       2,331,226       2,331,226       2,447,272       346,779       (23,634)       323,145       3,556,365         Aug-18       15.19%       0.00%       15.19%       2,385,464       2,385,464       2,443,911       371,230       (23,634)       347,596       3,568,565		\$ 3,969,292	. , . ,	7.78%
Apr-18       14.49%       0.00%       14.49%       \$ 2,167,945       \$ 2,167,945       \$ 2,425,858       \$ 351,507       \$ (6,959)       \$ 344,548       \$ 3,593,230         May-18       15.84%       0.00%       15.84%       \$ 2,336,137       \$ 2,336,137       \$ 2,443,723       \$ 387,086       \$ (6,959)       \$ 380,127       \$ 3,593,230         Jun-18       15.59%       0.00%       15.59%       \$ 2,521,895       \$ 2,521,895       \$ 2,459,793       \$ 383,482       \$ -       \$ 383,482       \$ 3,229,588         Jul-18       14.17%       0.00%       14.17%       \$ 2,331,226       \$ 2,331,226       \$ 2,447,272       \$ 346,779       \$ (23,634)       \$ 323,145       \$ 3,536,385         Aug-18       15.19%       0.00%       15.19%       \$ 2,385,464       \$ 2,385,464       \$ 2,443,911       \$ 371,230       \$ (23,634)       \$ 347,596       \$ 3,568,565		\$ 4,455,142		5.22%
May-18       15.84%       0.00%       15.84%       2,336,137       \$ 2,336,137       \$ 2,443,723       \$ 387,086       \$ (6,959)       \$ 380,127       \$ 3,357,154         Jun-18       15.59%       0.00%       15.59%       \$ 2,521,895       \$ 2,521,895       \$ 2,459,793       \$ 383,482       \$ -       \$ 383,482       \$ 3,229,588         Jul-18       14.17%       0.00%       14.17%       \$ 2,331,226       \$ 2,331,226       \$ 2,447,272       \$ 346,779       \$ (23,634)       \$ 323,145       \$ 3,536,385         Aug-18       15.19%       0.00%       15.19%       \$ 2,385,464       \$ 2,385,464       \$ 2,443,911       \$ 371,230       \$ (23,634)       \$ 347,596       \$ 3,568,565		\$ 3,572,323		9.74%
Jun-18     15.59%     0.00%     15.59%     \$ 2,521,895     \$ 2,521,895     \$ 2,459,793     \$ 383,482     \$ -     \$ 383,482     \$ 3,229,588       Jul-18     14.17%     0.00%     14.17%     \$ 2,331,226     \$ 2,331,226     \$ 2,447,272     \$ 346,779     \$ (23,634)     \$ 323,145     \$ 3,536,385       Aug-18     15.19%     0.00%     15.19%     \$ 2,385,464     \$ 2,385,464     \$ 2,443,911     \$ 371,230     \$ (23,634)     \$ 347,596     \$ 3,568,565		\$ 3,593,230	. ,	10.45%
Jul-18       14.17%       0.00%       14.17%       \$ 2,331,226       \$ 2,331,226       \$ 2,447,272       \$ 346,779       \$ (23,634)       \$ 323,145       \$ 3,536,385         Aug-18       15.19%       0.00%       15.19%       \$ 2,385,464       \$ 2,385,464       \$ 2,443,911       \$ 371,230       \$ (23,634)       \$ 347,596       \$ 3,568,565		\$ 3,357,154	. , ,	11.43%
Aug-18 15.19% 0.00% 15.19% \$ 2,385,464 \$ 2,385,464 \$ 2,443,911 \$ 371,230 \$ (23,634) \$ 347,596 \$ 3,568,565		\$ 3,229,588		11.34%
		\$ 3,536,385	. , ,	9.44%
		\$ 3,568,565		10.05%
Sep-18 15.42% 0.00% 15.42% \$ 2,217,129 \$ 2,217,129 \$ 2,460,911 \$ 379,472 \$ (23,634) \$ 355,838 \$ 3,600,311		\$ 3,600,311	\$ 3,491,461	10.22%
Oct-18 16.16% 0.00% 16.16% \$ 2,147,034 \$ 2,147,034 \$ 2,467,038 \$ 398,673 \$ (23,634) \$ 375,039 \$ 3,148,281		\$ 3,148,281		10.74%
Nov-18 16.83% 0.00% 16.83% \$ 2,393,707 \$ 2,480,304 \$ 417,435 \$ (31,133) \$ 386,302 \$ 2,989,764		\$ 2,989,764	\$ 3,515,516	
Dec-18 14.68% 0.00% 14.68% \$ 2,722,975 \$ 2,722,975 \$ 2,474,642 \$ 363,277 \$ (23,636) \$ 339,641 \$ 3,316,947		\$ 3,316,947	\$ 3,528,082	9.66%
Jan-19 12.16% 0.00% 12.16% \$ 2,863,649 \$ 2,863,649 \$ 2,444,519 \$ 297,254 \$ (26,222) \$ 271,032 \$ 3,599,510		\$ 3,599,510	\$ 3,497,267	7.68%
Feb-19 12.10% 0.00% 12.10% \$ 2,441,126 \$ 2,441,126 \$ 2,420,471 \$ 292,877 \$ (26,222) \$ 266,655 \$ 4,013,129		\$ 4,013,129	\$ 3,460,432	7.62%
Mar-19 15.23% 0.00% 15.23% \$ 2,540,242 \$ 2,540,242 \$ 2,422,377 \$ 368,928 \$ (26,222) \$ 342,706 \$ 4,107,807		\$ 4,107,807	\$ 3,505,056	9.90%
Apr-19 15.77% 0.00% 15.77% \$ 2,060,006 \$ 2,060,006 \$ 2,413,383 \$ 380,590 \$ (26,222) \$ 354,368 \$ 3,482,291		\$ 3,482,291	\$ 3,495,811	10.11%

### Shelby - Calculation of (Over)/Under Recovery

Line No. 1 1a	Month & Year Previous (Over)/Under-Recovery Rem. From Case No. 2018-00075 (Over)/Un	der-Recovery	Billed to Retail Consumer & recorded on Member's Books (3)	Monthly (Over) or Under (4)	Cumulative (Over) or Under (5) (\$141,806
1b	From Case No. 2018-00306 (Over)/Un				(\$157,333
1c	Total Previous (Over)/Under-Recovery				(\$299,139
2	Jul-18	\$363,438	\$408,197	(\$44,759)	(\$343,898
3	Aug-18	\$338,023	\$408,630	(\$70,607)	(\$414,505
4	Sep-18	\$336,780	\$297,460	\$39,320	(\$375,186
5	Oct-18	\$331,073	\$300,763	\$30,310	(\$344,875
6	Nov-18	\$386,823	\$339,275	\$47,548	(\$297,327
_ 7	Dec-18	\$458,277	\$386,912	\$71,365	(\$225,962
Post	Jan-19	\$420,382	\$450,604	(\$30,222)	(\$256,184
Review	Feb-19	\$296,841	\$397,084	(\$100,243)	(\$356,427
	Less Adjustment for Order amounts ren	maining to be amortized	d at end of review perio	od 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. 2018-00075 Recovery	\$141,806	(\$118,170)		\$23,636
8b	Case No. 2018-00306 Recovery	\$157,333	\$0		\$157,333
8c			otal Order amounts rer	naining - Over/(Under):	\$180,969
9	Cumulative six month (Over)/Under-Re	covery [Cumulative ne	t of <u>remaining</u> Case an	nortizations (Ln 7&8c)]	(\$44,993
10	Monthly recovery (per month for six mo	nths			(\$7,499
	Reconciliation:				
11 12	Previous (Over)/Under-Recovery Remarks (Over)/Under-Recovery Remarks		0 0		(\$299,139 \$180,969
13	Total Amortization during Review Perio	d		19	(\$118,170
14	(Over)/Under-Recovery from Column 5	, Line 9			(\$44,993
15	Less: Total Monthly (Over)/Under-Rec	overy for Review Perio	d (Column 4, Lines 2 th	nru 7)	\$73,177
16	Difference				(\$118,170

Amortization Detail, Column 3, Line 8:

		Case No.	Case No.
	Month & Year	2018-00075	2018-00306
	Jul-18	\$0	\$0
	Aug-18	(\$23,634)	\$0
9	Sep-18	(\$23,634)	\$0
	Oct-18	(\$23,634)	\$0
	Nov-18	(\$23,634)	\$0
	Dec-18	(\$23,634)	\$0
	Totals	(\$118,170)	\$0