

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

AN ELECTRONIC EXAMINATION BY THE PUBLIC)
SERVICE COMMISSION OF THE ENVIRONMENTAL)
SURCHARGE MECHANISM OF EAST KENTUCKY)
POWER COOPERATIVE, INC. FOR THE SIX-MONTH)
EXPENSE PERIODS ENDING MAY 31, 2022,)
NOVEMBER 30, 2022, NOVEMBER 30, 2023, MAY31,)
2024, AND NOVEMBER 30, 2024, THE TWO-YEAR)
EXPENSE PERIOD ENDING MAY 31, 2023 AND THE)
PASS-THROUGH MECHANISM OF ITS SIXTEEN)
MEMBER DISTRIBUTION COOPERATIVES)

CASE NO.
2025-00013

RESPONSES TO COMMISSION STAFF'S REQUEST FOR INFORMATION TO
SHELBY ENERGY COOPERATIVE, INC. DATED MARCH 5, 2025

CERTIFICATION

Michael Moriarty, Chief Financial Officer for Shelby Energy Cooperative, Inc. ("Shelby Energy"), being duly sworn, states that he has supervised the preparation of the response of Shelby Energy to the Public Service Commission Staff's Request for Information in Case No. 2025-00013 dated March 5, 2025, and that the matters and things set forth therein are true and accurate to the best of his knowledge, information, and belief formed after a reasonable inquiry.


Michael Moriarty

The foregoing was signed, acknowledged and sworn to before me by Michael Moriarty, on this 25th day of March, 2025.


Notary Public

My Commission Expires: 12/13/2025
KYNP 38593



Shelby Energy Cooperative, Inc.
Case No. 2025-00013
Commission Staff's First Request for Information

Request 2: This question is addressed to EKPC and the Member Cooperatives. For each of the Member Cooperatives, prepare a summary schedule showing the Member Cooperative's pass-through revenue requirement for the months corresponding with the six-month and two-year reviews. Include a calculation of any additional over- or under-recovery amount the Member Cooperative believes needs to be recognized for the six-month and two-year reviews. Provide the schedule and all supporting calculations and documentation in Excel spreadsheet format with all formulas, columns, and rows unprotected and fully accessible.

Response 2: Please see EKPC's response to Request #2 of the Commission Staff's First Request for Information dated March 5, 2025.

Shelby Energy Cooperative, Inc.
Case No. 2025-00013
Commission Staff's First Request for Information

Request 7: This question is addressed to each of the Member Cooperatives. For your particular Member Cooperative, provide the actual average residential customer's monthly usage for the 12 months ending November 30, 2024. 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 7: Using billing data ending November 30, 2024, the average monthly residential usage is 1,187 kWh resulting in an average residential monthly bill of \$163.72 when no over-or-under-recovery amount is included. When the under-recovery is included in the calculation for the same period, the average residential monthly bill is \$164.36. The resulting dollar impact is an additional \$0.64 charge to the customer. Please refer to Item 7 Exhibit A for the calculation of average monthly residential usage and average monthly residential bill.

Shelby Energy Cooperative, Inc
Case No. 2025-00013

	Residential <u>kWh</u>	Residential <u>Members</u>	Average <u>kWh</u>
Dec-23	24,508,449	17,053	1,437
Jan-24	30,552,462	17,018	1,795
Feb-24	22,608,944	17,029	1,328
Mar-24	18,600,236	17,013	1,093
Apr-24	15,776,898	17,042	926
May-24	15,683,773	17,083	918
Jun-24	20,509,256	17,048	1,203
Jul-24	22,379,750	17,082	1,310
Aug-24	20,789,695	17,102	1,216
Sep-24	18,287,785	17,109	1,069
Oct-24	14,597,670	17,147	851
Nov-24	18,850,326	17,185	1,097
Average	20,262,104	17,076	1,187

Shelby Energy Cooperative, Inc
Case No. 2025-00013

Actual Average Residential Monthly Bill

Average Monthly Residential kWh:		1,187
Residential Rate:		
Facility Charge	\$19.00	\$19.00
kWh Charge	\$0.10482	124.42
Fuel Adjustment Factor	(\$0.00608)	(7.22)
Surcharge (Nov 2024)	16.70%	22.75
<i>* Refer to Exhibit A - Page 4 of 5</i>		
County Tax	3.00%	<u>\$4.77</u>
		\$163.72

Actual Average Residential Monthly Bill with Recovery

Average Monthly Residential kWh:		1,187
Residential Rate:		
Facility Charge	\$19.00	\$19.00
kWh Charge	\$0.10482	124.42
Fuel Adjustment Factor	(\$0.00608)	(7.22)
Surcharge (Nov 2024)	17.16%	23.37
<i>* Refer to Exhibit A - Page 5 of 5</i>		
County Tax	3.00%	<u>\$4.79</u>
		\$164.36

Dollar Impact: \$0.64

Shelby
Net (Over)/Under-Recovery of Environmental Surcharge

	<u>Amount</u>	
From:		
Tab "A - 05-31-22", Line No. 9	\$130,671	Under-Recovery
Tab "B - 11-30-22", Line No. 9	\$194,500	Under-Recovery
Tab "C - 05-31-23", Line No. 9	(\$45,508)	Over-Recovery
Tab "D - 11-30-23", Line No. 9	\$157	Under-Recovery
Tab "E - 05-31-24", Line No. 9	\$261,407	Under-Recovery
Tab "F - 11-30-24", Line No. 9	(\$456,374)	Over-Recovery
Total Net (Over)/Under-Recovery for Review Period	<u><u>\$84,852</u></u>	Under-Recovery

Amortization Options for Total Net (Over)/Under-Recovery

Traditional 6-Month Amortization Period	\$14,142
Option - 12-Month Amortization Period	\$7,071

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

Item #7
Exhibit A
Page 4 of 5

For the Month Ending February 2025

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8a)	(8b)	(8c)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Surcharge Factor Expense Month	EKPC CESF %	EKPC BESF %	EKPC MESF %	EKPC Monthly Revenues from Sales to Shelby	On-peak Revenue Adjustment	EKPC Net Monthly Sales to Shelby	EKPC 12-months Ended Average Monthly Revenue from Sales to Shelby	Shelby Revenue Requirement	Rates B, C, G & Special Contracts Surcharge Revenue	Shelby Revenue Requirements Net of Rates B, C, G & Spec. Cts.	Amortization of (Over)/Under Recovery	Shelby Net Revenue Requirement Net Rates B, C, G & Spec. Cts.	Shelby Total Monthly Retail Revenues Net Rates B, C, G & Spec. Cts.	On-Peak Retail Revenue Adjustment	Shelby Net Monthly Retail Revenues Net Rates B, C, G & Spec. Cts.	12-months ended Avg. Retail Revenues, & Spec. Cts.	Shelby Pass Through Mechanism Factor Net Rates B, C, G & Spec. Cts.
			Col. (1) - Col. (2)			Col. (4) - Col. (5)		Col (3) x Col (7)		Col (8a) - (8b)		Col (8c) + Col (9)			Col. (11) - Col. (12)		Col (10) / Col (14)
Mar-23	16.28%	0.00%	16.28%	\$ 2,865,959		\$ 2,865,959	\$ 3,033,936	\$ 493,925	\$ 86,758	\$ 407,167	\$ -	\$ 407,167	\$ 3,201,270		\$ 3,201,270	\$ 3,121,492	12.78%
Apr-23	15.83%	0.00%	15.83%	\$ 2,379,950		\$ 2,379,950	\$ 3,034,259	\$ 480,323	\$ 114,218	\$ 366,105	\$ -	\$ 366,105	\$ 3,208,184		\$ 3,208,184	\$ 3,148,106	11.73%
May-23	18.70%	0.00%	18.70%	\$ 2,567,403		\$ 2,567,403	\$ 3,040,728	\$ 568,616	\$ 123,951	\$ 444,665	\$ -	\$ 444,665	\$ 2,530,566		\$ 2,530,566	\$ 3,136,858	14.12%
Jun-23	19.36%	0.00%	19.36%	\$ 2,445,276		\$ 2,445,276	\$ 3,000,368	\$ 580,871	\$ 128,525	\$ 452,346	\$ -	\$ 452,346	\$ 2,475,525		\$ 2,475,525	\$ 3,117,414	14.42%
Jul-23	19.39%	0.00%	19.39%	\$ 2,974,107		\$ 2,974,107	\$ 2,958,929	\$ 573,736	\$ 144,323	\$ 429,413	\$ -	\$ 429,413	\$ 2,794,421		\$ 2,794,421	\$ 3,083,796	13.77%
Aug-23	15.15%	0.00%	15.15%	\$ 3,134,510		\$ 3,134,510	\$ 2,947,003	\$ 446,471	\$ 161,575	\$ 284,896	\$ -	\$ 284,896	\$ 3,115,145		\$ 3,115,145	\$ 3,064,402	9.24%
Sep-23	14.79%	0.00%	14.79%	\$ 2,706,627		\$ 2,706,627	\$ 2,926,177	\$ 432,782	\$ 115,672	\$ 317,110	\$ -	\$ 317,110	\$ 2,761,490		\$ 2,761,490	\$ 3,045,981	10.35%
Oct-23	17.47%	0.00%	17.47%	\$ 2,480,767		\$ 2,480,767	\$ 2,904,148	\$ 507,355	\$ 109,154	\$ 398,201	\$ -	\$ 398,201	\$ 2,640,928		\$ 2,640,928	\$ 3,029,283	13.07%
Nov-23	17.95%	0.00%	17.95%	\$ 2,690,310		\$ 2,690,310	\$ 2,881,772	\$ 517,278	\$ 114,593	\$ 402,685	\$ -	\$ 402,685	\$ 2,518,262		\$ 2,518,262	\$ 3,028,673	13.29%
Dec-23	16.58%	0.00%	16.58%	\$ 2,905,944		\$ 2,905,944	\$ 2,802,041	\$ 464,578	\$ 116,127	\$ 348,451	\$ -	\$ 348,451	\$ 2,908,925		\$ 2,908,925	\$ 2,959,974	11.51%
Jan-24	15.32%	0.00%	15.32%	\$ 3,780,385		\$ 3,780,385	\$ 2,813,244	\$ 430,989	\$ 116,313	\$ 314,676	\$ -	\$ 314,676	\$ 3,565,850		\$ 3,565,850	\$ 2,939,702	10.63%
Feb-24	11.16%	0.34%	10.82%	\$ 3,061,448		\$ 3,061,448	\$ 2,832,724	\$ 306,501	\$ 109,763	\$ 196,738	\$ -	\$ 196,738	\$ 4,017,387		\$ 4,017,387	\$ 2,978,163	6.69%
Mar-24	15.10%	0.34%	14.76%	\$ 2,729,387		\$ 2,729,387	\$ 2,821,343	\$ 416,405	\$ 76,630	\$ 339,775	\$ 128,032	\$ 467,807	\$ 3,048,266		\$ 3,048,266	\$ 2,965,412	15.71%
Apr-24	18.14%	0.34%	17.80%	\$ 2,114,652		\$ 2,114,652	\$ 2,799,235	\$ 498,264	\$ 88,240	\$ 410,024	\$ 128,032	\$ 538,056	\$ 2,857,110		\$ 2,857,110	\$ 2,936,156	18.14%
May-24	21.90%	0.34%	21.56%	\$ 2,542,083		\$ 2,542,083	\$ 2,797,125	\$ 603,060	\$ 127,813	\$ 475,247	\$ 128,032	\$ 603,279	\$ 2,737,370		\$ 2,737,370	\$ 2,953,390	20.55%
Jun-24	20.06%	0.34%	19.72%	\$ 2,917,932		\$ 2,917,932	\$ 2,836,513	\$ 559,360	\$ 157,564	\$ 401,796	\$ 128,032	\$ 529,828	\$ 2,727,699		\$ 2,727,699	\$ 2,974,404	17.94%
Jul-24	17.84%	0.34%	17.50%	\$ 2,992,945		\$ 2,992,945	\$ 2,838,083	\$ 496,664	\$ 144,335	\$ 352,329	\$ 128,032	\$ 480,361	\$ 3,063,346		\$ 3,063,346	\$ 2,996,815	16.15%
Aug-24	17.97%	0.34%	17.63%	\$ 3,007,066		\$ 3,007,066	\$ 2,827,462	\$ 498,482	\$ 136,434	\$ 362,048	\$ 128,032	\$ 490,080	\$ 3,428,051		\$ 3,428,051	\$ 3,022,890	16.35%
Sep-24	18.32%	0.34%	17.98%	\$ 2,961,012		\$ 2,961,012	\$ 2,848,661	\$ 512,189	\$ 153,409	\$ 358,780	\$ -	\$ 358,780	\$ 3,177,947		\$ 3,177,947	\$ 3,057,595	11.87%
Oct-24	19.45%	0.34%	19.11%	\$ 2,263,096		\$ 2,263,096	\$ 2,830,522	\$ 540,913	\$ 125,575	\$ 415,338	\$ -	\$ 415,338	\$ 3,081,704		\$ 3,081,704	\$ 3,094,326	13.58%
Nov-24	22.98%	0.34%	22.64%	\$ 2,410,858		\$ 2,410,858	\$ 2,807,234	\$ 635,558	\$ 118,833	\$ 516,725	\$ -	\$ 516,725	\$ 2,747,830		\$ 2,747,830	\$ 3,113,457	16.70%
Dec-24	21.01%	0.34%	20.67%	\$ 3,002,547		\$ 3,002,547	\$ 2,815,284	\$ 581,919	\$ 142,275	\$ 439,644	\$ -	\$ 439,644	\$ 3,131,275		\$ 3,131,275	\$ 3,131,986	14.12%
Jan-25	15.94%	0.34%	15.60%	\$ 4,154,205		\$ 4,154,205	\$ 2,846,436	\$ 444,044	\$ 160,364	\$ 283,680	\$ -	\$ 283,680	\$ 3,765,310		\$ 3,765,310	\$ 3,148,608	9.06%
Feb-25	9.18%	0.34%	8.84%	\$ 4,110,612		\$ 4,110,612	\$ 2,933,866	\$ 259,354	\$ 143,574	\$ 115,780	\$ -	\$ 115,780	\$ 4,257,582		\$ 4,257,582	\$ 3,168,624	3.68%

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Dec-24	21.01%	0.34%	20.67%	\$ 3,002,547		\$ 3,002,547	\$ 2,815,284	\$ 581,919	\$ 142,275	\$ 439,644	\$ -	\$ 439,644	\$ 3,131,275		\$ 3,131,275	\$ 3,131,986	14.12%
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Feb-25	9.18%	0.34%	8.84%	\$ 4,110,612		\$ 4,110,612	\$ 2,933,866	\$ 259,354	\$ 143,574	\$ 115,780	\$ -	\$ 115,780	\$ 4,257,582		\$ 4,257,582	\$ 3,168,624	3.68%