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	)	CASE NO.
POWER COOPERATIVE, INC. FOR THE TWO-YEAR	)	2025-00266
EXPENSE PERIOD ENDING MAY 31, 2025, AND THE	)	
PASS-THROUGH MECHANSIM OF ITS SIXTEEN	)	
MEMBER DISTRIBUTION COOPERATIVES	)	

RESPONSES TO COMMISSION STAFF'S REQUEST FOR INFORMATION TO SHELBY ENERGY COOPERATIVE, INC. DATED SEPTEMBER 19, 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. 2025-00266 dated September 19, 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 14th day of October, 2025.

KYNP44505
Notary Public

My Commission Expires: 2/2/2026

Witness: Michael Moriarty

Shelby Energy Cooperative, Inc.
Case No. 2025-00266
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 two-year review. Include a calculation of any additional over- or under-recovery amount the Member 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 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 September 19, 2025.

Shelby Energy Cooperative, Inc.
Case No. 2025-00266
Commission Staff's First Request for Information

Request 7: This question is addressed to each of the Member Cooperatives. For each particular Member Cooperative, provide the actual average residential customer's monthly usage for the 12 months ending May 31, 2025. 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 May 31, 2025, the average monthly residential usage is 1,240 kWh resulting in an average residential monthly bill of $185.42 when no over-or-under-recovery amount is included. When the over-recovery is included in the calculation for the same period, the average residential monthly bill is $184.86. The resulting dollar impact is a reduced charge of $0.56 per residential member. 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. 2025-00266

	Residential kWh	Residential Members	Average kWh
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
Dec-24	27,136,042	17,323	1,566
Jan-25	32,775,574	17,199	1,906
Feb-25	29,631,940	17,212	1,722
Mar-25	19,291,307	17,173	1,123
Apr-25	16,160,319	17,189	940
May-25	15,059,645	17,185	876
Average	21,289,109	17,163	1,240

Shelby Energy Cooperative, Inc
Case No. 2025-00266

Actual Average Residential Monthly Bill

Average Monthly Residential kWh:		1,240
Residential Rate:		
Facility Charge	$25.30	$25.30
kWh Charge	$0.11042	136.92
Fuel Adjustment Factor	($0.00510)	(6.32)
Surcharge (May 2025)	15.47%	24.12
**** Refer to Exhibit A - Page 4 of 5***		
County Tax	3.00%	$5.40
		$185.42

Actual Average Residential Monthly Bill with Recovery

Average Monthly Residential kWh:		1,240
Residential Rate:		
Facility Charge	$25.30	$25.30
kWh Charge	$0.11042	136.92
Fuel Adjustment Factor	($0.00510)	(6.32)
Surcharge (May 2025)	15.13%	23.58
**** Refer to Exhibit A - Page 5 of 5***		
County Tax	3.00%	$5.38
		$184.86

Dollar Impact: ($0.56)

Shelby Energy Cooperative, Inc
Case No. 2025-00266

Shelby - Calculation of (Over)/Under Recovery

Rate E

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. 2025-00013 (Over)/Under-Recovery				$84,852
1b	Total Previous (Over)/Under-Recovery				$84,852
2	Jan-25	$698,310	$711,281	($12,971)	$71,881
3	Feb-25	$497,682	$556,300	($58,618)	$13,263
4	Mar-25	$198,697	$276,547	($77,850)	($64,587)
5	Apr-25	$214,142	$113,157	$100,985	$36,397
6	May-25	$280,330	$257,347	$22,983	$59,381
7	Jun-25	$431,027	$473,330	($42,303)	$17,078
Post Review	Jul-25	$589,913	$564,497	$25,416	$42,494
	Aug-25	$468,611	$596,317	($127,706)	($85,212)
	Less Adjustment for Order amounts remaining to be amortized at end of review period June 2025				
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	From Case No. 2025-00013 Recovery	($84,852)	$0		($84,852)
8b	Total Order amounts remaining - Over/(Under):				($84,852)
9	Cumulative six month (Over)/Under-Recovery [Cumulative net of remaining Case amortizations (Ln 7&8b)]				($67,774)
10	Monthly recovery (per month for six months)				($11,296)

	Reconciliation:	
11	Previous (Over)/Under-Recovery Remaining to be Amortized, beginning of Review Period	$84,852
12	Previous (Over)/Under-Recovery Remaining to be Amortized, ending of Review Period	($84,852)
13	Total Amortization during Review Period	$0
14	(Over)/Under-Recovery from Column 5, Line 9	($67,774)
15	Less: Total Monthly (Over)/Under-Recovery for Review Period (Column 4, Lines 2 thru 7)	($67,774)
16	Difference	$0

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

For the Month Ending June 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 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, Net Rates B, C, G & 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)
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%
Mar-25	12.55%	0.34%	12.21%	$ 2,995,752		$ 2,995,752	$ 2,956,063	$ 360,935	$ 58,943	$ 301,992	$ -	$ 301,992	$ 3,938,299		$ 3,938,299	$ 3,242,794	9.53%
Apr-25	18.65%	0.34%	18.31%	$ 2,514,168		$ 2,514,168	$ 2,989,356	$ 547,351	$ 92,838	$ 454,513	$ -	$ 454,513	$ 3,050,434		$ 3,050,434	$ 3,258,904	14.02%
May-25	21.81%	0.34%	21.47%	$ 2,254,362		$ 2,254,362	$ 2,965,380	$ 636,667	$ 132,445	$ 504,222	$ -	$ 504,222	$ 3,073,825		$ 3,073,825	$ 3,286,942	15.47%
Jun-25	24.99%	0.34%	24.65%	$ 2,723,062		$ 2,723,062	$ 2,949,140	$ 726,963	$ 153,614	$ 573,349	$ -	$ 573,349	$ 2,698,403		$ 2,698,403	$ 3,284,501	17.44%

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

For the Month Ending June 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, Net Rates B, C, G & Spec. Cts.	Shelby Pass Through Mechanism Factor Net Rates B, C, G & Spec. Cts.
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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%
Mar-25	12.55%	0.34%	12.21%	$ 2,995,752		$ 2,995,752	$ 2,956,063	$ 360,935	$ 58,943	$ 301,992	$ -	$ 301,992	$ 3,938,299		$ 3,938,299	$ 3,242,794	9.53%
Apr-25	18.65%	0.34%	18.31%	$ 2,514,168		$ 2,514,168	$ 2,989,356	$ 547,351	$ 92,838	$ 454,513	$ -	$ 454,513	$ 3,050,434		$ 3,050,434	$ 3,258,904	14.02%
May-25	21.81%	0.34%	21.47%	$ 2,254,362		$ 2,254,362	$ 2,965,380	$ 636,667	$ 132,445	$ 504,222	$ (11,296)	$ 492,926	$ 3,073,825		$ 3,073,825	$ 3,286,942	15.13%
Jun-25	24.99%	0.34%	24.65%	$ 2,723,062		$ 2,723,062	$ 2,949,140	$ 726,963	$ 153,614	$ 573,349	$ -	$ 573,349	$ 2,698,403		$ 2,698,403	$ 3,284,501	17.44%