

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

| | | |
|------------------------------------|---|---------------------|
| THE ELECTRONIC APPLICATION OF |) | |
| SHELBY ENERGY COOPERATIVE, INC. |) | |
| FOR PASS-THROUGH OF EAST |) | Case No. 2021-00117 |
| KENTUCKY POWER COOPERATIVE, INC.'S |) | |
| WHOLESALE RATE ADJUSTMENT |) | |

SHELBY ENERGY COOPERATIVE, INC.
NOTICE OF FILING

Comes now Shelby Energy Cooperative, Inc. (“Shelby Energy”), by counsel, and does hereby give notice of filing a revised schedule of proposed rates for its pass-through of East Kentucky Power Cooperative, Inc.’s (“EKPC”S) wholesale rate adjustment. Based upon the Stipulation, Settlement Agreement and Recommendation that has been reached between EKPC and the intervenors in Case No. 2021-00103, the pass-through rates to Shelby Energy’s retail members have changed as shown in the attached revised schedule of proposed rates and revised billing analysis.

Filed this 30th day of July, 2021.

Respectfully submitted,

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SHELBY ENERGY COOPERATIVE
Present & Proposed Rates

| Rate | Item | Present | Proposed |
|------|---|-------------|-------------|
| 12 | <u>Residential Service</u> | | |
| | Customer Charge | \$ 15.00 | \$ 15.50 |
| | Energy Charge per kWh | \$ 0.08684 | \$ 0.08974 |
| 9 | <u>Off Peak Retail Marketing (ETS)</u> | | |
| | Energy Charge per kWh | \$ 0.05877 | \$ 0.06073 |
| 2 | <u>Large Power Service > 50 kW</u> | | |
| | Customer Charge | \$ 52.18 | \$ 53.92 |
| | Energy Charge per kWh | \$ 0.06010 | \$ 0.06211 |
| | Demand Charge per kW | \$ 6.05 | \$ 6.25 |
| 11 | <u>General Service < 50kW</u> | | |
| | Customer Charge Single Phase | \$ 18.00 | \$ 18.60 |
| | Customer Charge Three Phase | \$ 40.00 | \$ 41.33 |
| | Energy Charge per kWh | \$ 0.08904 | \$ 0.09201 |
| B1 | <u>Large Industrial Rate (500 kW to 4,999 kW)</u> | | |
| | Customer Charge | \$ 614.28 | \$ 634.78 |
| | Demand Charge - Contract per kW | \$ 7.17 | \$ 7.41 |
| | Demand Charge - Excess per kW | \$ 9.98 | \$ 10.31 |
| | Energy Charge per kWh | \$ 0.04826 | \$ 0.04987 |
| B2 | <u>Large Industrial Rate (5,000 kW to 9,999 kW)</u> | | |
| | Customer Charge | \$ 1,227.41 | \$ 1,268.37 |
| | Demand Charge - Contract per kW | \$ 7.17 | \$ 7.41 |
| | Demand Charge - Excess per kW | \$ 9.98 | \$ 10.31 |
| | Energy Charge per kWh | \$ 0.04196 | \$ 0.04336 |
| 3 | <u>Outdoor & Street Lighting</u> | | |
| | 100 Watt Outdoor Light | \$ 10.01 | \$ 10.34 |
| | 250 Watt Directional Flood | \$ 14.64 | \$ 15.13 |
| | 100 Watt Decorative Colonial | \$ 13.53 | \$ 13.98 |
| | 400 Watt Directional Flood | \$ 20.09 | \$ 20.76 |
| | 150 Watt Decorative Acorn | \$ 16.13 | \$ 16.67 |
| | Standard | \$ 10.72 | \$ 11.08 |
| | Decorative Colonial | \$ 13.36 | \$ 13.81 |
| | Cobra Head | \$ 14.57 | \$ 15.06 |
| | Directional Flood Light | \$ 19.85 | \$ 20.51 |
| 15 | <u>Prepay Service</u> | | |
| | Consumer Facility Charge per day | \$ 0.50 | \$ 0.52 |
| | Energy Charge per kWh | \$ 0.08684 | \$ 0.08974 |
| | Prepay Service Fee per day | \$ 0.10 | \$ 0.10 |
| 22 | <u>Optional TOD Demand</u> | | |
| | Customer Charge | \$ 45.92 | \$ 47.45 |
| | Energy Charge per kWh - First 100 | \$ 0.06918 | \$ 0.07149 |
| | Energy Charge per kWh - Next 100 | \$ 0.06278 | \$ 0.06488 |
| | Energy Charge per kWh - All Over 200 | \$ 0.05640 | \$ 0.05828 |
| | Demand Charge - Contract per kW | \$ 6.02 | \$ 6.22 |
| 33 | <u>Special Outdoor Lighting</u> | | |
| | Energy Rate | \$ 0.05632 | \$ 0.05820 |
| B3 | <u>Large Industrial Rate</u> | | |
| | Customer Charge Transformer 10,000 - 1- | \$ 3,421.59 | \$ 3,535.80 |
| | Customer Charge Transformer 15,000+ k' | \$ 5,430.92 | \$ 5,612.19 |
| | Demand Charge - Contract per kW | \$ 7.17 | \$ 7.41 |
| | Demand Charge - Excess per kW | \$ 9.98 | \$ 10.31 |
| | Energy Charge per kWh - All Over 200 | \$ 0.04136 | \$ 0.04274 |
| C1 | <u>Large Industrial Rate</u> | | |
| | Customer Charge | \$ 614.28 | \$ 634.78 |
| | Energy Charge per kWh | \$ 0.04826 | \$ 0.04987 |
| | Demand Charge per kW | \$ 7.17 | \$ 7.41 |
| C2 | <u>Large Industrial Rate</u> | | |
| | Customer Charge | \$ 1,227.41 | \$ 1,268.38 |
| | Energy Charge per kWh | \$ 0.04196 | \$ 0.04336 |
| | Demand Charge per kW | \$ 7.17 | \$ 7.41 |
| C3 | <u>Large Industrial Rate</u> | | |
| | Customer Charge Transformer 10,000 - 1- | \$ 3,421.59 | \$ 3,535.80 |
| | Customer Charge Transformer 15,000+ k' | \$ 5,430.92 | \$ 5,612.19 |
| | Demand Charge - Contract per kW | \$ 7.17 | \$ 7.41 |
| | Energy Charge per kWh - All Over 200 | \$ 0.04136 | \$ 0.04274 |

SHELBY ENERGY COOPERATIVE
Billing Analysis for Pass-Through Rate Increase

Total Revenue Increase Allocated by East Kentucky Power Cooperative: \$1,443,780

| # | Item | Code | Present Revenue | Present Share | Allocation Revenue | Allocation Share | Allocated Increase | Proposed Revenue | Proposed Share | Base Rate Increase | Base % | Total % | Rounding |
|----|--|------|-----------------|---------------|--------------------|------------------|--------------------|------------------|----------------|--------------------|--------|---------|----------|
| 1 | <u>Base Rates</u> | | | | | | | | | | | | |
| 2 | Residential Service | 12 | \$ 22,141,098 | 51.18% | \$ 22,141,098 | 51.18% | \$ 738,883 | \$ 22,880,347 | 51.18% | \$ 739,249 | 3.34% | 3.11% | \$ 366 |
| 3 | Off Peak Retail Marketing (ETS) | 9 | \$ 11,592 | 0.03% | \$ 11,592 | 0.03% | \$ 387 | \$ 11,979 | 0.03% | \$ 387 | 3.34% | 3.25% | \$ (0) |
| 4 | Large Power Service > 50 kW | 2 | \$ 4,093,851 | 9.46% | \$ 4,093,851 | 9.46% | \$ 136,618 | \$ 4,230,696 | 9.46% | \$ 136,845 | 3.34% | 3.14% | \$ 226 |
| 5 | General Service < 50kW | 11 | \$ 4,167,075 | 9.63% | \$ 4,167,075 | 9.63% | \$ 139,062 | \$ 4,306,043 | 9.63% | \$ 138,968 | 3.33% | 3.11% | \$ (93) |
| 6 | Large Industrial Rate (500 kW to 4,999 kW) | B1 | \$ 8,584,103 | 19.84% | \$ 8,584,103 | 19.84% | \$ 286,465 | \$ 8,870,619 | 19.84% | \$ 286,517 | 3.34% | 3.15% | \$ 52 |
| 7 | Large Industrial Rate (5,000 kW to 9,999 kW) | B2 | \$ 3,684,981 | 8.52% | \$ 3,684,981 | 8.52% | \$ 122,974 | \$ 3,807,719 | 8.52% | \$ 122,738 | 3.33% | 3.20% | \$ (236) |
| 8 | Outdoor & Street Lighting | 3 | \$ 581,105 | 1.34% | \$ 581,105 | 1.34% | \$ 19,392 | \$ 600,455 | 1.34% | \$ 19,350 | 3.33% | 3.32% | \$ (42) |
| 9 | SubTotal Base Rates | | \$ 43,263,805 | 100.00% | \$ 43,263,805 | 100.00% | \$ 1,443,780 | \$ 44,707,858 | 100.00% | \$ 1,444,053 | 3.34% | | \$ 273 |
| 10 | | | | | | | | | | | | | |
| 11 | TOTAL Base Rates | | \$ 43,263,805 | 100.00% | \$ 43,263,805 | 100.00% | \$ 1,443,780 | \$ 44,707,858 | 100.00% | \$ 1,444,053 | 3.34% | | \$ 273 |
| 12 | | | | | | | | | | | | | |
| 13 | <u>Riders</u> | | | | | | | | | | | | |
| 14 | FAC | | \$ (700,099) | | | | \$ (700,099) | | | | | | |
| 15 | ES | | \$ 3,567,580 | | | | \$ 3,567,580 | | | | | | |
| 16 | Prepay Daily Charges | | \$ 967 | | | | \$ 967 | | | | | | |
| 17 | Other | | \$ - | | | | \$ - | | | | | | |
| 18 | Total Riders | | \$ 2,868,448 | | | | \$ 2,868,448 | | | | | | |
| 19 | | | | | | | | | | | | | |
| 20 | Total Revenue | | \$ 46,132,253 | | | | \$ 47,576,306 | | | \$ 1,444,053 | | 3.13% | |
| 21 | Target Revenue | | | | | | | | | \$ 1,443,780 | | | |
| 22 | Rate Rounding Variance | | | | | | | | | \$ 273 | | | |
| 23 | Rate Rounding Variance | | | | | | | | | 0.02% | | | |

SHELBY ENERGY COOPERATIVE
Billing Analysis for Pass-Through Rate Increase

| # | Classification | Code | Billing Component | Billing Units | Present Rate | Present Revenue | Target Share | Target Revenue | Proposed Rate | Proposed Revenue | Increase \$ | % | Proposed Share | Share Variance | Rate Variance |
|-----|--|------|------------------------------------|---------------|--------------|-----------------|--------------|----------------|---------------|------------------|--------------|-------|----------------|----------------|---------------|
| 50 | Large Industrial Rate (500 kW to 4,999 kW) | B1 | | | | | | | | | | | | | |
| 51 | | | Customer Charge | 169 | 614.28 | \$ 103,813 | 1.21% | | 634.78 | \$ 107,278 | \$ 3,465 | 3.34% | 1.21% | 0.00% | |
| 52 | | | Demand Charge - Contract per kW | 258,800 | 7.17 | \$ 1,855,596 | 21.62% | | 7.41 | \$ 1,917,708 | \$ 62,112 | 3.35% | 21.62% | 0.00% | |
| 53 | | | Demand Charge - Excess per kW | 22,420 | 9.98 | \$ 223,752 | 2.61% | | 10.31 | \$ 231,150 | \$ 7,399 | 3.31% | 2.61% | 0.00% | |
| 54 | | | Energy Charge per kWh | 132,634,518 | 0.04826 | \$ 6,400,942 | 74.57% | | 0.04987 | \$ 6,614,483 | \$ 213,542 | 3.34% | 74.57% | 0.00% | |
| 55 | | | Total Base Rates | | | \$ 8,584,103 | 100.00% | \$ 8,870,568 | | \$ 8,870,619 | \$ 286,517 | 3.34% | 100.00% | 0.00% | \$ 51.90 |
| 56 | | | FAC | | | \$ (211,011) | | | | \$ (211,011) | \$ - | - | | | |
| 57 | | | ES | | | \$ 715,961 | | | | \$ 715,961 | \$ - | - | | | |
| 58 | | | Misc Adj | | | \$ - | | | | \$ - | \$ - | - | | | |
| 59 | | | Other | | | \$ - | | | | \$ - | \$ - | - | | | |
| 60 | | | Total Riders | | | \$ 504,950 | | | | \$ 504,950 | \$ - | - | | | |
| 61 | | | TOTAL REVENUE | | | \$ 9,089,053 | | | | \$ 9,375,569 | \$ 286,517 | 3.15% | | | |
| 62 | | | Average | 784,819.63 | | \$ 53,781.38 | | | | \$ 55,476.74 | \$ 1,695.36 | 3.15% | | | |
| 63 | | | | | | | | | | | | | | | |
| 64 | Large Industrial Rate (5,000 kW to 9,999 kW) | B2 | | | | | | | | | | | | | |
| 65 | | | Customer Charge | 12 | 1,227.41 | \$ 14,729 | 0.40% | | 1,268.37 | \$ 15,220 | \$ 492 | 3.34% | 0.40% | 0.00% | |
| 66 | | | Demand Charge - Contract per kW | 96,000 | 7.17 | \$ 688,320 | 18.68% | | 7.41 | \$ 711,360 | \$ 23,040 | 3.35% | 18.68% | 0.00% | |
| 67 | | | Demand Charge - Excess per kW | 96,000 | 9.98 | \$ 958,080 | 26.00% | | 10.31 | \$ 989,760 | \$ 31,680 | 3.31% | 25.99% | -0.01% | |
| 68 | | | Energy Charge per kWh | 48,232,897 | 0.041960 | \$ 2,023,852 | 54.92% | | 0.04336 | \$ 2,091,378 | \$ 67,526 | 3.34% | 54.92% | 0.00% | |
| 69 | | | Total Base Rates | | | \$ 3,684,981 | 100.00% | \$ 3,807,955 | | \$ 3,807,719 | \$ 122,738 | 3.33% | 100.00% | 0.00% | \$ (235.94) |
| 70 | | | FAC | | | \$ (76,639) | | | | \$ (76,639) | \$ - | - | | | |
| 71 | | | ES | | | \$ 227,197 | | | | \$ 227,197 | \$ - | - | | | |
| 72 | | | Misc Adj | | | \$ - | | | | \$ - | \$ - | - | | | |
| 73 | | | Other | | | \$ - | | | | \$ - | \$ - | - | | | |
| 74 | | | Total Riders | | | \$ 150,558 | | | | \$ 150,558 | \$ - | - | | | |
| 75 | | | TOTAL REVENUE | | | \$ 3,835,540 | | | | \$ 3,958,277 | \$ 122,738 | 3.20% | | | |
| 76 | | | Average | 4,019,408.08 | | \$ 319,628.29 | | | | \$ 329,856.42 | \$ 10,228.13 | 3.20% | | | |
| 77 | | | | | | | | | | | | | | | |
| 78 | Outdoor & Street Lighting | 3 | | | | | | | | | | | | | |
| 79 | | | 100 Watt Outdoor Light | 22,664 | 10.01 | \$ 226,867 | 39.04% | | 10.34 | \$ 234,346 | \$ 7,479 | 3.30% | 39.03% | -0.01% | |
| 80 | | | 250 Watt Directional Flood | 2,295 | 14.64 | \$ 33,599 | 5.78% | | 15.13 | \$ 34,723 | \$ 1,125 | 3.35% | 5.78% | 0.00% | |
| 81 | | | 100 Watt Decorative Colonial | 894 | 13.53 | \$ 12,096 | 2.08% | | 13.98 | \$ 12,498 | \$ 402 | 3.33% | 2.08% | 0.00% | |
| 82 | | | 400 Watt Directional Flood | 920 | 20.09 | \$ 18,483 | 3.18% | | 20.76 | \$ 19,099 | \$ 616 | 3.33% | 3.18% | 0.00% | |
| 83 | | | 150 Watt Decorative Acorn Standard | 132 | 16.13 | \$ 2,129 | 0.37% | | 16.67 | \$ 2,200 | \$ 71 | 3.35% | 0.37% | 0.00% | |
| 84 | | | Decorative Colonial | 17,983 | 10.72 | \$ 192,778 | 33.17% | | 11.08 | \$ 199,252 | \$ 6,474 | 3.36% | 33.18% | 0.01% | |
| 85 | | | Cobra Head | 1,913 | 13.36 | \$ 25,558 | 4.40% | | 13.81 | \$ 26,419 | \$ 861 | 3.37% | 4.40% | 0.00% | |
| 86 | | | Directional Flood Light | 1,447 | 14.57 | \$ 21,083 | 3.63% | | 15.06 | \$ 21,792 | \$ 709 | 3.36% | 3.63% | 0.00% | |
| 87 | | | Total Base Rates | 2,444 | 19.85 | \$ 48,513 | 8.35% | | 20.51 | \$ 50,126 | \$ 1,613 | 3.32% | 8.35% | 0.00% | |
| 88 | | | Total Base Rates | | | \$ 581,105 | 100.00% | \$ 600,497 | | \$ 600,455 | \$ 19,350 | 3.33% | 100.00% | 0.00% | \$ (41.92) |
| 89 | | | FAC | | | \$ 236 | | | | \$ 236 | \$ - | - | | | |
| 90 | | | ES | | | \$ 2,135 | | | | \$ 2,135 | \$ - | - | | | |
| 91 | | | Misc Adj | | | \$ - | | | | \$ - | \$ - | - | | | |
| 92 | | | Other | | | \$ - | | | | \$ - | \$ - | - | | | |
| 93 | | | Total Riders | | | \$ 2,371 | | | | \$ 2,371 | \$ - | - | | | |
| 94 | | | TOTAL REVENUE | | | \$ 583,476 | | | | \$ 602,826 | \$ 19,350 | 3.32% | | | |
| 95 | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | |
| 98 | TOTALS | | Total Base Rates | | | \$ 43,263,805 | | | | \$ 44,707,858 | \$ 1,444,053 | 3.34% | | | |
| 99 | | | FAC | | | \$ (700,099) | | | | \$ (700,099) | \$ - | - | | | |
| 100 | | | ES | | | \$ 3,567,580 | | | | \$ 3,567,580 | \$ - | - | | | |
| 101 | | | Misc Adj | | | \$ 967 | | | | \$ 967 | \$ - | - | | | |
| 102 | | | Other | | | \$ - | | | | \$ - | \$ - | - | | | |
| 103 | | | Total Riders | | | \$ 2,868,448 | | | | \$ 2,868,448 | \$ - | - | | | |
| 104 | | | TOTAL REVENUE | | | \$ 46,132,253 | | | | \$ 47,576,306 | \$ 1,444,053 | 3.13% | | | |
| 105 | | | | | | | | | | | | | | | |
| 106 | | | Rate Rounding Variance | | | | | | | \$ | 273 | | | | |

SHELBY ENERGY COOPERATIVE
Billing Analysis for Pass-Through Rate Increase

| # | Classification | Code | Billing Component | Billing Units | Present Rate | Present Revenue | Target Share | Target Revenue | Proposed Rate | Proposed Revenue | Increase \$ | % | Proposed Share | Share Variance | Rate Variance | |
|-----|-------------------------------|------|---|---------------|--------------|-----------------|--------------|----------------|---------------|------------------|-------------|---|----------------|----------------|---------------|--|
| 107 | RATES WITH NO CURRENT MEMBERS | | | | | | | | | | | | | | | |
| 108 | | | | | | | | | | | | | | | | |
| 109 | Optional TOD Demand | 22 | | | | | | | | | | | | | | |
| 110 | | | Customer Charge | | 45.92 | | | | 47.45 | | | | | | | |
| 111 | | | Energy Charge per kWh - First 100 | | 0.06918 | | | | 0.07149 | | | | | | | |
| 112 | | | Energy Charge per kWh - Next 100 | | 0.06278 | | | | 0.06488 | | | | | | | |
| 113 | | | Energy Charge per kWh - All Over 200 | | 0.05640 | | | | 0.05828 | | | | | | | |
| 114 | | | Demand Charge - Contract per kW | | 6.02 | | | | 6.22 | | | | | | | |
| 115 | Special Outdoor Lighting | 33 | | | | | | | | | | | | | | |
| 116 | | | Energy Rate | | 0.05632 | | | | 0.058200 | | | | | | | |
| 117 | Large Industrial Rate | B3 | | | | | | | | | | | | | | |
| 118 | | | Customer Charge Transformer 10,000 - 14,999 kVA | | 3,421.59 | | | | 3,535.80 | | | | | | | |
| 119 | | | Customer Charge Transformer 15,000+ kVA | | 5,430.92 | | | | 5,612.19 | | | | | | | |
| 120 | | | Demand Charge - Contract per kW | | 7.17 | | | | 7.41 | | | | | | | |
| 121 | | | Demand Charge - Excess per kW | | 9.98 | | | | 10.31 | | | | | | | |
| 122 | | | Energy Charge per kWh - All Over 200 | | 0.04136 | | | | 0.04274 | | | | | | | |
| 123 | Large Industrial Rate | C1 | | | | | | | | | | | | | | |
| 124 | | | Customer Charge | | 614.28 | | | | 634.78 | | | | | | | |
| 125 | | | Energy Charge per kWh | | 0.04826 | | | | 0.05 | | | | | | | |
| 126 | | | Demand Charge per kW | | 7.17 | | | | 7.41 | | | | | | | |
| 127 | Large Industrial Rate | C2 | | | | | | | | | | | | | | |
| 128 | | | Customer Charge | | 1,227.41 | | | | 1,268.38 | | | | | | | |
| 129 | | | Energy Charge per kWh | | 0.04196 | | | | 0.04 | | | | | | | |
| 130 | | | Demand Charge per kW | | 7.17 | | | | 7.41 | | | | | | | |
| 131 | Large Industrial Rate | C3 | | | | | | | | | | | | | | |
| 132 | | | Customer Charge Transformer 10,000 - 14,999 kVA | | 3,421.59 | | | | 3,535.80 | | | | | | | |
| 133 | | | Customer Charge Transformer 15,000+ kVA | | 5,430.92 | | | | 5,612.19 | | | | | | | |
| 134 | | | Demand Charge - Contract per kW | | 7.17 | | | | 7.41 | | | | | | | |
| 135 | | | Energy Charge per kWh - All Over 200 | | 0.04136 | | | | 0.04274 | | | | | | | |