

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Report
O&M Expenses and Determination of Cash Working Capital Allowance

For the Expense Month Ending February 28, 2021

Eligible O&M Expenses	Total
11th previous month	\$3,133,057
10th previous month	\$2,929,610
9th previous month	\$1,881,430
8th previous month	\$2,258,414
7th previous month	\$2,709,794
6th previous month	\$3,336,400
5th previous month	\$2,750,067
4rd previous month	\$4,805,057
3nd previous month	\$2,307,414
2nd previous month	\$3,823,181
Previous month	\$1,911,255
Current Month	\$4,966,454
Total 12 Month O&M	\$36,812,132

Average Monthly O&M	\$3,067,678
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Determination of Working Capital Allowance	
12 Months O&M Expense	\$36,812,132
One-Eighth (1/8) of 12 Month O&M Expenses	\$4,601,517

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Report

Form 1.1

Calculation of Current Month Environmental Surcharge Factor (CESF)

For the Expense Month Ending February 28, 2021

1 E(m) = RORB + OE - BAS

2 Rate Base		\$841,457,321
3 Rate Base / 12		\$70,121,443
4 Rate of Return	=	5.975%
5 Return on Rate Base (RORB)	+	\$4,189,756
6 Operating Expenses (OE)	+	\$6,729,746
7 By-Product and Emission Allowance Sales (BAS)	-	<u>\$0</u>
8 Sub-Total E(m)		\$10,919,502
9 Member System Allocation Ratio for the Month (Form 3.0)		99.24%
10 Subtotal E(m) = Subtotal E(m) x Member System Allocation Ratio		\$10,836,514
11 Adjustment for (Over)/Under Recovery		\$0
12 E(m) = Subtotal E(m) plus (Over)/Under Recovery		\$10,836,514
13 One-Month True-up Adjustment from January 2021 Expense Month		(\$3,713,302)
14 E(m) = Line 12 + Line 13 Reflecting 1-month True-up		\$7,123,212
15 R(m) = Average Monthly Member System Revenue for the 12 Months Ending with the Current Expense Month (Form 3.0)		\$53,546,110
16 CESF: E(m) / R(m); as a % of Revenue		13.30%
17 BESF		0.00%
18 MESF		13.30%

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Report
O&M Expenses and Determination of Cash Working Capital Allowance

For the Expense Month Ending March 31, 2021

Eligible O&M Expenses	Total
11th previous month	\$2,929,610
10th previous month	\$1,881,430
9th previous month	\$2,258,414
8th previous month	\$2,709,794
7th previous month	\$3,336,400
6th previous month	\$2,750,067
5th previous month	\$4,805,057
4rd previous month	\$2,307,414
3nd previous month	\$3,823,181
2nd previous month	\$1,911,255
Previous month	\$4,966,454
Current Month	\$3,547,919
Total 12 Month O&M	\$37,226,994

Average Monthly O&M	\$3,102,249
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Determination of Working Capital Allowance	
12 Months O&M Expense	\$37,226,994
One-Eighth (1/8) of 12 Month O&M Expenses	\$4,653,374

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Report

Form 1.1

Calculation of Current Month Environmental Surcharge Factor (CESF)

For the Expense Month Ending March 31, 2021

1 E(m) = RORB + OE - BAS

2 Rate Base		\$841,684,003
3 Rate Base / 12		\$70,140,334
4 Rate of Return	=	5.975%
5 Return on Rate Base (RORB)	+	\$4,190,885
6 Operating Expenses (OE)	+	\$6,869,198
7 By-Product and Emission Allowance Sales (BAS)	-	<u>\$0</u>
8 Sub-Total E(m)		\$11,060,083
9 Member System Allocation Ratio for the Month (Form 3.0)		99.22%
10 Subtotal E(m) = Subtotal E(m) x Member System Allocation Ratio		\$10,973,815
11 Adjustment for (Over)/Under Recovery		\$0
12 E(m) = Subtotal E(m) plus (Over)/Under Recovery		\$10,973,815
13 One-Month True-up Adjustment from January 2021 Expense Month		(\$2,042,109)
14 E(m) = Line 12 + Line 13 Reflecting 1-month True-up		\$8,931,705
15 R(m) = Average Monthly Member System Revenue for the 12 Months Ending with the Current Expense Month (Form 3.0)		\$54,533,752
16 CESF: E(m) / R(m); as a % of Revenue		16.38%
17 BESF		0.00%
18 MESF		16.38%

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Report
O&M Expenses and Determination of Cash Working Capital Allowance

For the Expense Month Ending April 30, 2021

Eligible O&M Expenses	Total
11th previous month	\$1,881,430
10th previous month	\$2,258,414
9th previous month	\$2,709,794
8th previous month	\$3,336,400
7th previous month	\$2,750,067
6th previous month	\$4,805,057
5th previous month	\$2,307,414
4rd previous month	\$3,823,181
3nd previous month	\$1,911,255
2nd previous month	\$4,966,454
Previous month	\$3,547,919
Current Month	\$4,116,156
Total 12 Month O&M	\$38,413,540

Average Monthly O&M	\$3,201,128
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Determination of Working Capital Allowance	
12 Months O&M Expense	\$38,413,540
One-Eighth (1/8) of 12 Month O&M Expenses	\$4,801,692

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Report

Form 1.1

Calculation of Current Month Environmental Surcharge Factor (CESF)

For the Expense Month Ending April 30, 2021

1 E(m) = RORB + OE - BAS

2 Rate Base		\$841,750,589
3 Rate Base / 12		\$70,145,882
4 Rate of Return	=	5.975%
5 Return on Rate Base (RORB)	+	\$4,191,216
6 Operating Expenses (OE)	+	\$6,738,262
7 By-Product and Emission Allowance Sales (BAS)	-	<u>\$0</u>
8 Sub-Total E(m)		\$10,929,478
9 Member System Allocation Ratio for the Month (Form 3.0)		98.99%
10 Subtotal E(m) = Subtotal E(m) x Member System Allocation Ratio		\$10,819,090
11 Adjustment for (Over)/Under Recovery		\$0
12 E(m) = Subtotal E(m) plus (Over)/Under Recovery		\$10,819,090
13 One-Month True-up Adjustment from March 2021 Expense Month		(\$901,504)
14 E(m) = Line 12 + Line 13 Reflecting 1-month True-up		\$9,917,587
15 R(m) = Average Monthly Member System Revenue for the 12 Months Ending with the Current Expense Month (Form 3.0)		\$55,215,182
16 CESF: E(m) / R(m); as a % of Revenue		17.96%
17 BESF		0.00%
18 MESF		17.96%

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Report
O&M Expenses and Determination of Cash Working Capital Allowance

For the Expense Month Ending May 31, 2021

Eligible O&M Expenses	Total
11th previous month	\$2,258,414
10th previous month	\$2,709,794
9th previous month	\$3,336,400
8th previous month	\$2,750,067
7th previous month	\$4,805,057
6th previous month	\$2,307,414
5th previous month	\$3,823,181
4rd previous month	\$1,911,255
3nd previous month	\$4,966,454
2nd previous month	\$3,547,919
Previous month	\$4,116,156
Current Month	\$5,198,866
Total 12 Month O&M	\$41,730,977

Average Monthly O&M	\$3,477,581
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Determination of Working Capital Allowance	
12 Months O&M Expense	\$41,730,977
One-Eighth (1/8) of 12 Month O&M Expenses	\$5,216,372

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Report

Form 1.1

Calculation of Current Month Environmental Surcharge Factor (CESF)

For the Expense Month Ending May 31, 2021

1 E(m) = RORB + OE - BAS

2 Rate Base		\$838,413,581
3 Rate Base / 12		\$69,867,798
4 Rate of Return	=	5.975%
5 Return on Rate Base (RORB)	+	\$4,174,601
6 Operating Expenses (OE)	+	\$9,290,312
7 By-Product and Emission Allowance Sales (BAS)	-	<u>\$0</u>
8 Sub-Total E(m)		\$13,464,913
9 Member System Allocation Ratio for the Month (Form 3.0)		98.96%
10 Subtotal E(m) = Subtotal E(m) x Member System Allocation Ratio		\$13,324,878
11 Adjustment for (Over)/Under Recovery		\$0
12 E(m) = Subtotal E(m) plus (Over)/Under Recovery		\$13,324,878
13 One-Month True-up Adjustment from April 2021 Expense Month		\$910,193
14 E(m) = Line 12 + Line 13 Reflecting 1-month True-up		\$14,235,071
15 R(m) = Average Monthly Member System Revenue for the 12 Months Ending with the Current Expense Month (Form 3.0)		\$55,624,245
16 CESF: E(m) / R(m); as a % of Revenue		25.59%
17 BESF		0.00%
18 MESF		25.59%

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Report
O&M Expenses and Determination of Cash Working Capital Allowance

For the Expense Month Ending June 30, 2021

Eligible O&M Expenses	Total
11th previous month	\$2,709,794
10th previous month	\$3,336,400
9th previous month	\$2,750,067
8th previous month	\$4,805,057
7th previous month	\$2,307,414
6th previous month	\$3,823,181
5th previous month	\$1,911,255
4rd previous month	\$4,966,454
3nd previous month	\$3,547,919
2nd previous month	\$4,116,156
Previous month	\$5,198,866
Current Month	\$2,625,740
Total 12 Month O&M	\$42,098,303

Average Monthly O&M	\$3,508,192
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Determination of Working Capital Allowance	
12 Months O&M Expense	\$42,098,303
One-Eighth (1/8) of 12 Month O&M Expenses	\$5,262,288

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Report

Form 1.1

Calculation of Current Month Environmental Surcharge Factor (CESF)

For the Expense Month Ending June 30, 2021

1 E(m) = RORB + OE - BAS

2 Rate Base		\$837,281,173
3 Rate Base / 12		\$69,773,431
4 Rate of Return	=	5.975%
5 Return on Rate Base (RORB)	+	\$4,168,963
6 Operating Expenses (OE)	+	\$7,286,349
7 By-Product and Emission Allowance Sales (BAS)	-	<u>\$0</u>
8 Sub-Total E(m)		\$11,455,311
9 Member System Allocation Ratio for the Month (Form 3.0)		98.68%
10 Subtotal E(m) = Subtotal E(m) x Member System Allocation Ratio		\$11,304,101
11 Adjustment for (Over)/Under Recovery		\$0
12 E(m) = Subtotal E(m) plus (Over)/Under Recovery		\$11,304,101
13 One-Month True-up Adjustment from May 2021 Expense Month		\$1,650,582
14 E(m) = Line 12 + Line 13 Reflecting 1-month True-up		\$12,954,683
15 R(m) = Average Monthly Member System Revenue for the 12 Months Ending with the Current Expense Month (Form 3.0)		\$56,064,463
16 CESF: E(m) / R(m); as a % of Revenue		23.11%
17 BESF		0.00%
18 MESF		23.11%

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Report
O&M Expenses and Determination of Cash Working Capital Allowance

For the Expense Month Ending July 31, 2021

Eligible O&M Expenses	Total
11th previous month	\$3,336,400
10th previous month	\$2,750,067
9th previous month	\$4,805,057
8th previous month	\$2,307,414
7th previous month	\$3,823,181
6th previous month	\$1,911,255
5th previous month	\$4,966,454
4rd previous month	\$3,547,919
3nd previous month	\$4,116,156
2nd previous month	\$5,198,866
Previous month	\$2,625,740
Current Month	\$3,279,226
Total 12 Month O&M	\$42,667,735

Average Monthly O&M	\$3,555,645
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Determination of Working Capital Allowance	
12 Months O&M Expense	\$42,667,735
One-Eighth (1/8) of 12 Month O&M Expenses	\$5,333,467

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Report

Form 1.1

Calculation of Current Month Environmental Surcharge Factor (CESF)

For the Expense Month Ending July 31, 2021

1 $E(m) = RORB + OE - BAS$

2 Rate Base		\$834,810,249
3 Rate Base / 12		\$69,567,521
4 Rate of Return	=	5.975%
5 Return on Rate Base (RORB)	+	\$4,156,659
6 Operating Expenses (OE)	+	\$7,432,587
7 By-Product and Emission Allowance Sales (BAS)	-	<u>\$0</u>
8 Sub-Total E(m)		\$11,589,246
9 Member System Allocation Ratio for the Month (Form 3.0)		98.68%
10 Subtotal E(m) = Subtotal E(m) x Member System Allocation Ratio		\$11,436,268
11 Adjustment for (Over)/Under Recovery		\$0
12 E(m) = Subtotal E(m) plus (Over)/Under Recovery		\$11,436,268
13 One-Month True-up Adjustment from June 2021 Expense Month		\$377,977
14 E(m) = Line 12 + Line 13 Reflecting 1-month True-up		\$11,814,245
15 R(m) = Average Monthly Member System Revenue for the 12 Months Ending with the Current Expense Month (Form 3.0)		\$56,047,775
16 CESF: E(m) / R(m); as a % of Revenue		21.08%
17 BESF		0.00%
18 MESF		21.08%

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Report
O&M Expenses and Determination of Cash Working Capital Allowance

For the Expense Month Ending August 31, 2021

Eligible O&M Expenses	Total
11th previous month	\$2,750,067
10th previous month	\$4,805,057
9th previous month	\$2,307,414
8th previous month	\$3,823,181
7th previous month	\$1,911,255
6th previous month	\$4,966,454
5th previous month	\$3,547,919
4rd previous month	\$4,116,156
3nd previous month	\$5,198,866
2nd previous month	\$2,625,740
Previous month	\$3,279,226
Current Month	\$3,678,207
Total 12 Month O&M	\$43,009,542

Average Monthly O&M	\$3,584,128
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Determination of Working Capital Allowance	
12 Months O&M Expense	\$43,009,542
One-Eighth (1/8) of 12 Month O&M Expenses	\$5,376,193

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Report

Form 1.1

Calculation of Current Month Environmental Surcharge Factor (CESF)

For the Expense Month Ending August 31, 2021

1 $E(m) = RORB + OE - BAS$

2 Rate Base		\$834,325,030
3 Rate Base / 12		\$69,527,086
4 Rate of Return	=	5.975%
5 Return on Rate Base (RORB)	+	\$4,154,243
6 Operating Expenses (OE)	+	\$7,678,233
7 By-Product and Emission Allowance Sales (BAS)	-	<u>\$0</u>
8 Sub-Total E(m)		\$11,832,477
9 Member System Allocation Ratio for the Month (Form 3.0)		97.90%
10 Subtotal E(m) = Subtotal E(m) x Member System Allocation Ratio		\$11,583,995
11 Adjustment for (Over)/Under Recovery		\$0
12 E(m) = Subtotal E(m) plus (Over)/Under Recovery		\$11,583,995
13 One-Month True-up Adjustment from July 2021 Expense Month		(\$855,514)
14 E(m) = Line 12 + Line 13 Reflecting 1-month True-up		\$10,728,481
15 R(m) = Average Monthly Member System Revenue for the 12 Months Ending with the Current Expense Month (Form 3.0)		\$56,467,759
16 CESF: E(m) / R(m); as a % of Revenue		19.00%
17 BESF		0.00%
18 MESF		19.00%

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Report
O&M Expenses and Determination of Cash Working Capital Allowance

For the Expense Month Ending September 30, 2021

Eligible O&M Expenses	Total
11th previous month	\$4,805,057
10th previous month	\$2,307,414
9th previous month	\$3,823,181
8th previous month	\$1,911,255
7th previous month	\$4,966,454
6th previous month	\$3,547,919
5th previous month	\$4,116,156
4th previous month	\$5,198,866
3rd previous month	\$2,625,740
2nd previous month	\$3,279,226
Previous month	\$3,678,207
Current Month	\$3,351,598
Total 12 Month O&M	\$43,611,073

Average Monthly O&M	\$3,634,256
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Determination of Working Capital Allowance	
12 Months O&M Expense	\$43,611,073
One-Eighth (1/8) of 12 Month O&M Expenses	\$5,451,384

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Report

Form 1.1

Calculation of Current Month Environmental Surcharge Factor (CESF)

For the Expense Month Ending September 30, 2021

1 E(m) = RORB + OE - BAS

2 Rate Base		\$831,655,384
3 Rate Base / 12		\$69,304,615
4 Rate of Return	=	5.975%
5 Return on Rate Base (RORB)	+	\$4,140,951
6 Operating Expenses (OE)	+	\$7,561,484
7 By-Product and Emission Allowance Sales (BAS)	-	<u>\$0</u>
8 Sub-Total E(m)		\$11,702,435
9 Member System Allocation Ratio for the Month (Form 3.0)		97.69%
10 Subtotal E(m) = Subtotal E(m) x Member System Allocation Ratio		\$11,432,108
11 Adjustment for (Over)/Under Recovery		\$0
12 E(m) = Subtotal E(m) plus (Over)/Under Recovery		\$11,432,108
13 One-Month True-up Adjustment from August 2021 Expense Month		(\$1,294,194)
14 E(m) = Line 12 + Line 13 Reflecting 1-month True-up		\$10,137,915
15 R(m) = Average Monthly Member System Revenue for the 12 Months Ending with the Current Expense Month (Form 3.0)		\$56,774,216
16 CESF: E(m) / R(m); as a % of Revenue		17.86%
17 BESF		0.00%
18 MESF		17.86%

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Report
O&M Expenses and Determination of Cash Working Capital Allowance

For the Expense Month Ending October 31, 2021

Eligible O&M Expenses	Total
11th previous month	\$2,307,414
10th previous month	\$3,823,181
9th previous month	\$1,911,255
8th previous month	\$4,966,454
7th previous month	\$3,547,919
6th previous month	\$4,116,156
5th previous month	\$5,198,866
4rd previous month	\$2,625,740
3nd previous month	\$3,279,226
2nd previous month	\$3,678,207
Previous month	\$3,351,598
Current Month	\$3,779,961
Total 12 Month O&M	\$42,585,976

Average Monthly O&M	\$3,548,831
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Determination of Working Capital Allowance	
12 Months O&M Expense	\$42,585,976
One-Eighth (1/8) of 12 Month O&M Expenses	\$5,323,247

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Report

Form 1.1

Calculation of Current Month Environmental Surcharge Factor (CESF)

For the Expense Month Ending October 31, 2021

1 E(m) = RORB + OE - BAS

2 Rate Base		\$829,521,082
3 Rate Base / 12		\$69,126,757
4 Rate of Return	=	5.093%
5 Return on Rate Base (RORB)	+	\$3,520,626
6 Operating Expenses (OE)	+	\$8,218,945
7 By-Product and Emission Allowance Sales (BAS)	-	<u>\$0</u>
8 Sub-Total E(m)		\$11,739,571
9 Member System Allocation Ratio for the Month (Form 3.0)		97.72%
10 Subtotal E(m) = Subtotal E(m) x Member System Allocation Ratio		\$11,471,908
11 Adjustment for (Over)/Under Recovery		\$0
12 E(m) = Subtotal E(m) plus (Over)/Under Recovery		\$11,471,908
13 One-Month True-up Adjustment from September 2021 Expense Month		\$780,574
14 E(m) = Line 12 + Line 13 Reflecting 1-month True-up		\$12,252,482
15 R(m) = Average Monthly Member System Revenue for the 12 Months Ending with the Current Expense Month (Form 3.0)		\$57,624,735
16 CESF: E(m) / R(m); as a % of Revenue		21.26%
17 BESF		0.00%
18 MESF		21.26%

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Report
O&M Expenses and Determination of Cash Working Capital Allowance

For the Expense Month Ending November 30, 2021

Eligible O&M Expenses	Total
11th previous month	\$3,823,181
10th previous month	\$1,911,255
9th previous month	\$4,966,454
8th previous month	\$3,547,919
7th previous month	\$4,116,156
6th previous month	\$5,198,866
5th previous month	\$2,625,740
4rd previous month	\$3,279,226
3nd previous month	\$3,678,207
2nd previous month	\$3,351,598
Previous month	\$3,779,961
Current Month	\$3,945,641
Total 12 Month O&M	\$44,224,203

Average Monthly O&M	\$3,685,350
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Determination of Working Capital Allowance	
12 Months O&M Expense	\$44,224,203
One-Eighth (1/8) of 12 Month O&M Expenses	\$5,528,025

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Report

Form 1.1

Calculation of Current Month Environmental Surcharge Factor (CESF)

For the Expense Month Ending November 30, 2021

1 E(m) = RORB + OE - BAS

2 Rate Base		\$827,180,960
3 Rate Base / 12		\$68,931,747
4 Rate of Return	=	5.093%
5 Return on Rate Base (RORB)	+	\$3,510,694
6 Operating Expenses (OE)	+	\$8,223,728
7 By-Product and Emission Allowance Sales (BAS)	-	<u>\$0</u>
8 Sub-Total E(m)		\$11,734,422
9 Member System Allocation Ratio for the Month (Form 3.0)		97.77%
10 Subtotal E(m) = Subtotal E(m) x Member System Allocation Ratio		\$11,472,745
11 Adjustment for (Over)/Under Recovery		\$0
12 E(m) = Subtotal E(m) plus (Over)/Under Recovery		\$11,472,745
13 One-Month True-up Adjustment from October 2021 Expense Month		\$796,394
14 E(m) = Line 12 + Line 13 Reflecting 1-month True-up		\$12,269,138
15 R(m) = Average Monthly Member System Revenue for the 12 Months Ending with the Current Expense Month (Form 3.0)		\$59,850,319
16 CESF: E(m) / R(m); as a % of Revenue		20.50%
17 BESF		0.00%
18 MESF		20.50%

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Report
O&M Expenses and Determination of Cash Working Capital Allowance

For the Expense Month Ending December 31, 2021

Eligible O&M Expenses	Total
11th previous month	\$1,911,255
10th previous month	\$4,966,454
9th previous month	\$3,547,919
8th previous month	\$4,116,156
7th previous month	\$5,198,866
6th previous month	\$2,625,740
5th previous month	\$3,279,226
4rd previous month	\$3,678,207
3nd previous month	\$3,351,598
2nd previous month	\$3,779,961
Previous month	\$3,945,641
Current Month	\$4,055,113
Total 12 Month O&M	\$44,456,135

Average Monthly O&M	\$3,704,678
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Determination of Working Capital Allowance	
12 Months O&M Expense	\$44,456,135
One-Eighth (1/8) of 12 Month O&M Expenses	\$5,557,017

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Report

Form 1.1

Calculation of Current Month Environmental Surcharge Factor (CESF)

For the Expense Month Ending December 31, 2021

1 $E(m) = RORB + OE - BAS$

2 Rate Base		\$823,784,473
3 Rate Base / 12		\$68,648,706
4 Rate of Return	=	5.093%
5 Return on Rate Base (RORB)	+	\$3,496,279
6 Operating Expenses (OE)	+	\$9,446,061
7 By-Product and Emission Allowance Sales (BAS)	-	<u>\$0</u>
8 Sub-Total E(m)		\$12,942,340
9 Member System Allocation Ratio for the Month (Form 3.0)		97.82%
10 Subtotal E(m) = Subtotal E(m) x Member System Allocation Ratio		\$12,660,197
11 Adjustment for (Over)/Under Recovery		\$0
12 E(m) = Subtotal E(m) plus (Over)/Under Recovery		\$12,660,197
13 One-Month True-up Adjustment from November 2021 Expense Month		(\$4,158,740)
14 E(m) = Line 12 + Line 13 Reflecting 1-month True-up		\$8,501,457
15 R(m) = Average Monthly Member System Revenue for the 12 Months Ending with the Current Expense Month (Form 3.0)		\$60,922,088
16 CESF: E(m) / R(m); as a % of Revenue		13.95%
17 BESF		0.00%
18 MESF		13.95%

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Report
O&M Expenses and Determination of Cash Working Capital Allowance

For the Expense Month Ending January 31, 2022

Eligible O&M Expenses	Total
11th previous month	\$4,966,454
10th previous month	\$3,547,919
9th previous month	\$4,116,156
8th previous month	\$5,198,866
7th previous month	\$2,625,740
6th previous month	\$3,279,226
5th previous month	\$3,678,207
4rd previous month	\$3,351,598
3nd previous month	\$3,779,961
2nd previous month	\$3,945,641
Previous month	\$4,055,113
Current Month	\$4,181,448
Total 12 Month O&M	\$46,726,328

Average Monthly O&M	\$3,893,861
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Determination of Working Capital Allowance	
12 Months O&M Expense	\$46,726,328
One-Eighth (1/8) of 12 Month O&M Expenses	\$5,840,791

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Report

Form 1.1

Calculation of Current Month Environmental Surcharge Factor (CESF)

For the Expense Month Ending January 31, 2022

1 E(m) = RORB + OE - BAS

2 Rate Base		\$830,622,552
3 Rate Base / 12		\$69,218,546
4 Rate of Return	=	5.093%
5 Return on Rate Base (RORB)	+	\$3,525,301
6 Operating Expenses (OE)	+	\$9,519,253
7 By-Product and Emission Allowance Sales (BAS)	-	<u>\$0</u>
8 Sub-Total E(m)		\$13,044,554
9 Member System Allocation Ratio for the Month (Form 3.0)		97.80%
10 Subtotal E(m) = Subtotal E(m) x Member System Allocation Ratio		\$12,757,574
11 Adjustment for (Over)/Under Recovery		\$0
12 E(m) = Subtotal E(m) plus (Over)/Under Recovery		\$12,757,574
13 One-Month True-up Adjustment from December 2021 Expense Month		(\$4,095,499)
14 E(m) = Line 12 + Line 13 Reflecting 1-month True-up		\$8,662,075
15 R(m) = Average Monthly Member System Revenue for the 12 Months Ending with the Current Expense Month (Form 3.0)		\$63,172,633
16 CESF: E(m) / R(m); as a % of Revenue		13.71%
17 BESF		0.00%
18 MESF		13.71%