

East Kentucky Power Cooperative, Inc.

Environmental Surcharge Operating and Expense Month over Month Analysis

For the Expense Period December 2023 to May 2024

501010 - SP01	Fuel Coal Spurlock 1	Nov	Dec	Jan	Feb	Mar	Apr	May
400-2610	Expense Dollars	\$ 10,913	\$ 71,217	\$ 145,241	\$ 181,660	\$ 183,778	\$ 141,453	\$ 159,239
	Expense Dollars Change		\$ 60,304	\$ 74,024	\$ 36,419	\$ 2,118	\$ (42,325)	\$ 17,786
	Percent Change		552.59%	103.94%	25.07%	1.17%	-23.03%	12.57%

Monthly expense changes are due to increases or decreases in volume of ash removed.

501010 - SP02	Fuel Coal Spurlock 2	Nov	Dec	Jan	Feb	Mar	Apr	May
400-2610	Expense Dollars	\$ 56,381	\$ 137,308	\$ 202,746	\$ 297,538	\$ 37,657	\$ 206,582	\$ 338,935
	Expense Dollars Change		\$ 80,927	\$ 65,438	\$ 94,792	\$ (259,881)	\$ 168,925	\$ 132,353
	Percent Change		143.54%	47.66%	46.75%	-87.34%	448.59%	64.07%

Monthly expense changes are due to increases or decreases in volume of ash removed.

501010 - SP03	Fuel Coal Gilbert	Nov	Dec	Jan	Feb	Mar	Apr	May
400-2610	Expense Dollars	\$ 41,543	\$ 114,562	\$ 191,954	\$ 256,146	\$ 17,937	\$ 12,773	\$ 2,991
	Expense Dollars Change		\$ 73,019	\$ 77,392	\$ 64,192	\$ (238,209)	\$ (5,164)	\$ (9,782)
	Percent Change		175.77%	67.55%	33.44%	-93.00%	-28.79%	-76.58%

Monthly expense changes are due to increases or decreases in volume of ash removed.

501010 - SP04	Fuel Coal Spurlock 4	Nov	Dec	Jan	Feb	Mar	Apr	May
400-2610	Expense Dollars	\$ 29,746	\$ 83,956	\$ 192,147	\$ 259,238	\$ 275,441	\$ 224,339	\$ 379,484
	Expense Dollars Change		\$ 54,210	\$ 108,191	\$ 67,091	\$ 16,203	\$ (51,102)	\$ 155,145
	Percent Change		182.24%	128.87%	34.92%	6.25%	-18.55%	69.16%

Monthly expense changes are due to increases or decreases in volume of ash removed.

501010 - CPxx	Fuel Coal Cooper (Unit 2 AQCS)	Nov	Dec	Jan	Feb	Mar	Apr	May
Project 02610	Expense Dollars	\$ 5,415	\$ -	\$ 54,545	\$ 73,281	\$ 12,329	\$ -	\$ 10,411
	Expense Dollars Change		\$ (5,415)	\$ 54,545	\$ 18,736	\$ (60,952)	\$ (12,329)	\$ 10,411
	Percent Change		-100.00%	-	34.35%	-83.18%	-100.00%	-

Monthly expense changes are due to increases or decreases in volume of ash removed.

512000 - CPxx	Maintenance of Cooper (Unit 2 AQCS)	Nov	Dec	Jan	Feb	Mar	Apr	May
Projects 03350	Expense Dollars	\$ 94,538	\$ 316,108	\$ 13,529	\$ 219,188	\$ 178,171	\$ 121,426	\$ 13,408
03351, 03521, and 03471	Expense Dollars Change		\$ 221,570	\$ (302,579)	\$ 205,659	\$ (41,017)	\$ (56,745)	\$ (108,018)
	Percent Change		234.37%	-95.72%	1520.13%	-18.71%	-31.85%	-88.96%

Project 03350 is Bag House, Dry Scrub, SNCR & SCR, Project 03351 is Ammonia Handling System, Project 03521 is Scrubber Maintenance, and 03471 is Lime and Limestone Handling System maintenance

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December 2023

Project 03350/03351- Contractor payments increased \$30.3k, EKPC Payroll & Benefits increased \$5.6k, Materials increased \$0.8k, Accruals no change.
 Project 03521- Contractor payments increased \$33.1k, EKPC Payroll & Benefits increased \$6.6k, Materials increased \$50.2k, Accruals increased \$46.1k.
 Project 03471 - Contractor payments increased \$45k, EKPC Payroll & Benefits increased \$3.9k, Materials no change, Accruals no change.
 No significant maintenance performed.

January 2024

Project 03350/03351- Contractor payments increased \$3k, EKPC Payroll & Benefits decreased \$1.7k, Materials decreased \$12.1k, Accruals increased \$0.5k.
 Project 03521- Contractor payments decreased \$12.4k, EKPC Payroll & Benefits decreased \$0.6k, Materials no change, Accruals increased \$2.9k.
 Project 03471 - Contractor payments increased \$54.8k, EKPC Payroll & Benefits increased \$4.8k, Materials decreased \$42.2k, Accruals decreased \$48k.
 No significant maintenance performed.

February 2024

Project 03350/03351- Contractor payments decreased \$6.1k, EKPC Payroll & Benefits increased \$0.2k, Materials increased \$5.6k, Accruals decreased \$2.5k.
 Project 03521- Contractor payments increased \$0.5k, EKPC Payroll & Benefits increased \$1k, Materials decreased \$0.6k, Accruals increased \$2.6k.
 Project 03471 - Contractor payments decreased \$54.8k, EKPC Payroll & Benefits decreased \$5.3k, Materials decreased \$1.3k, Accruals increased \$48k.
 No significant maintenance performed.

March 2024

Project 03350/03351- Contractor payments decreased \$1.9k, EKPC Payroll & Benefits increased \$0.4k, Materials decreased \$3.5k, Accruals increased \$1.8k.
 Project 03521- Contractor payments increased \$0.1k, EKPC Payroll & Benefits increased \$3.9k, Materials increased \$2.6k, Accruals no change.
 Project 03471 - Contractor payments decreased \$0.5k, EKPC Payroll & Benefits increased \$2.2k, Materials increased \$43k, Accruals decreased \$2.1k.
 No significant maintenance performed.

April 2024

Project 03350/03351- Contractor payments decreased \$0.9k, EKPC Payroll & Benefits increased \$0.4k, Materials decreased \$3.5k, Accruals increased \$1.8k.
 Project 03521- Contractor payments decreased \$0.1k, EKPC Payroll & Benefits decreased \$8.4k, Materials decreased \$3.8k, Accruals no change.
 Project 03471 - Contractor payments decreased \$0.1k, EKPC Payroll & Benefits decreased \$3.3k, Materials decreased \$40.3k, Accruals increased \$63k.
 No significant maintenance performed.

May 2024

Project 03350/03351- Contractor payments no change, EKPC Payroll & Benefits decreased \$5.1k, Materials increased \$0.1k, Accruals no change.
 Project 03521- Contractor payments increased \$4.6k, EKPC Payroll & Benefits decreased \$0.1k, Materials no change, Accruals no change.
 Project 03471 - Contractor payments increased \$104.9k, EKPC Payroll & Benefits increased \$17.2k, Materials decreased \$2.7k, Accruals decreased \$109.1k.
 No significant maintenance performed.

512000 - SP01	Maintenance of Boiler Plant Spurlock 1	Nov	Dec	Jan	Feb	Mar	Apr	May
Projects 03330, 03501, 03515	Expense Dollars	\$ 308,919	\$ 323,548	\$ 24,454	\$ 56,939	\$ 48,554	\$ 61,054	\$ 76,703
	Expense Dollars Change		\$ 14,629	\$ (299,094)	\$ 32,485	\$ (8,385)	\$ 12,500	\$ 15,649
	Percent Change		4.74%	-92.44%	132.84%	-14.73%	25.74%	25.63%

Project 03330 is for the Spurlock 1 Electrostatic Precipitator and Project 03501 is for Spurlock 1 SCR maintenance.

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December 2023

Project 03330- Contractor payments decreased \$38.9k, EKPC Payroll & Benefits decreased \$5.9k, Materials decreased \$4.3k, Accruals increased \$94.6k.
 Project 03501- Contractor payments decreased \$79.6k, EKPC Payroll & Benefits increased \$2.1k, Materials increased \$0.6, Accruals increased \$95.1k.
 Project 03515- Contractor payments increased \$13.1, EKPC Payroll & Benefits decreased \$11.4k, Materials decreased \$40.7k, Accruals decreased \$10.2k.
 No significant maintenance performed.

January 2024

Project 03330- Contractor payments decreased \$147.5k, EKPC Payroll & Benefits increased \$0.7k, Materials decreased \$0.1k, Accruals decreased \$68k.
 Project 03501- Contractor payments increased \$22.5k, EKPC Payroll & Benefits decreased \$0.6k, Materials decreased \$0.6k, Accruals decreased \$16.9k.
 Project 03515- Contractor payments decreased \$27.1, EKPC Payroll & Benefits decreased \$11.6k, Materials decreased \$55.2k, Accruals increased \$5.3k.
 No significant maintenance performed.

February 2024

Project 03330- Contractor payments decreased \$38.8k, EKPC Payroll & Benefits increased \$4.1k, Materials increased \$6.8k, Accruals increased \$17k.
 Project 03501- Contractor payments decreased \$17.1k, EKPC Payroll & Benefits increased \$1.2k, Materials no change, Accruals increased \$8.9k.
 Project 03515- Contractor payments increased \$5.8k, EKPC Payroll & Benefits increased \$5.8k, Materials increased \$39.4k, Accruals decreased \$0.6k.
 No significant maintenance performed.

March 2024

Project 03330- Contractor payments decreased \$21.6k, EKPC Payroll & Benefits decreased \$2.3k, Materials decreased \$25.4k, Accruals increased \$44k.
 Project 03501- Contractor payments increased \$1.1k, EKPC Payroll & Benefits increased \$2.9k, Materials increased \$0.2k, Accruals increased \$7.3k.
 Project 03515- Contractor payments increased \$0.2k, EKPC Payroll & Benefits decreased \$1.9k, Materials decreased \$8.8k, Accruals decreased \$4.2k.
 No significant maintenance performed.

April 2024

Project 03330- Contractor payments decreased \$10.4k, EKPC Payroll & Benefits decreased \$1.6k, Materials increased \$34.4k, Accruals decreased \$3.5k.
 Project 03501- Contractor payments decreased \$7.2k, EKPC Payroll & Benefits decreased \$2.7k, Materials increased \$0.9k, Accruals decreased \$9k.
 Project 03515- Contractor payments decreased \$6k, EKPC Payroll & Benefits increased \$8.2k, Materials increased \$4.6k, Accruals increased \$4.7k.
 No significant maintenance performed.

May 2024

Project 03330- Contractor payments decreased \$5.4k, EKPC Payroll & Benefits increased \$3.3k, Materials decreased \$15.4k, Accruals increased \$4.8k.
 Project 03501- Contractor payments increased \$1.2k, EKPC Payroll & Benefits increased \$4.5k, Materials increased \$0.6k, Accruals increased \$7k.
 Project 03515- Contractor payments increased \$4.7k, EKPC Payroll & Benefits increased \$9.5k, Materials increased \$0.9k, Accruals no change.
 No significant maintenance performed.

512000 - SP02	Maintenance of Boiler Plant Spurlock 2	Nov	Dec	Jan	Feb	Mar	Apr	May
Projects 03330, 03501, 03515	Expense Dollars	\$ 89,201	\$ 59,729	\$ 116,733	\$ 69,969	\$ 551,282	\$ 507,116	\$ 79,039
	Expense Dollars Change		\$ (29,472)	\$ 57,004	\$ (46,764)	\$ 481,313	\$ (44,166)	\$ (428,077)
	Percent Change		-33.04%	95.44%	-40.06%	687.89%	-8.01%	-84.41%

Project 03330 is for the Spurlock 2 Electrostatic Precipitator, Project 03501 is for Spurlock 2 SCR maintenance, and Project 03515 is CCR/ELG Ash System maintenance.

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**Environmental Surcharge Operating and Expense Month over Month Analysis
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December 2023

Project 03330- Contractor payments decreased \$19.1k, EKPC Payroll & Benefits increased \$1.2k, Materials decreased \$0.6k, Accruals increased \$17.2k.

Project 03501- Contractor payments decreased \$12.1k, EKPC Payroll & Benefits increased \$7.1k, Materials decreased \$16k, Accruals increased \$14.7k.

Project 03515- Contractor payments decreased \$8.6k, EKPC Payroll & Benefits decreased \$7k, Materials decreased \$10.7k, Accruals increased \$4.3k.

No significant maintenance performed.

January 2024

Project 03330- Contractor payments increased \$111.4k, EKPC Payroll & Benefits decreased \$5.4k, Materials decreased \$4.2k, Accruals decreased \$300.9k.

Project 03501- Contractor payments increased \$10.6k, EKPC Payroll & Benefits decreased \$4.5k, Materials increased \$0.5k, Accruals decreased \$13.4k.

Project 03515- Contractor payments increased \$13.7k, EKPC Payroll & Benefits increased \$0.2k, Materials increased \$10.6k, Accruals increased \$18.1k.

No significant maintenance performed.

February 2024

Project 03330- Contractor payments decreased \$41.2k, EKPC Payroll & Benefits decreased \$0.3k, Materials decreased \$1.8k, Accruals increased \$8.7k.

Project 03501- Contractor payments decreased \$7.3k, EKPC Payroll & Benefits increased \$4.1k, Materials decreased \$2.3k, Accruals increased \$8.7k.

Project 03515- Contractor payments decreased \$7.3k, EKPC Payroll & Benefits increased \$2.1k, Materials increased \$12.3k, Accruals decreased \$22.6k.

No significant maintenance performed.

March 2024

Project 03330- Contractor payments increased \$0.7k, EKPC Payroll & Benefits increased \$4.2k, Materials decreased \$1.6k, Accruals increased \$268.2k.

Project 03501- Contractor payments increased \$19.8k, EKPC Payroll & Benefits increased \$13.2k, Materials increased \$7k, Accruals increased \$21.8k.

Project 03515- Contractor payments decreased \$10.2k, EKPC Payroll & Benefits increased \$5.9k, Materials increased \$94.1k, Accruals increased \$58.2k.

Scheduled outage activity.

April 2024

Project 03330- Contractors increased \$460.2, EKPC Payroll & Benefits increased \$0.1k, Materials increased \$9.5k, Accruals decreased \$535.9k.

Project 03501- Contractor payments increased \$102.7k, EKPC Payroll & Benefits decreased \$16.9k, Materials decreased \$1.5k, Accruals increased \$94.8k.

Project 03515- Contractor payments decreased \$1.7k, EKPC Payroll & Benefits increased \$7.1k, Materials decreased \$120.1k, Accruals decreased \$42.1k.

Scheduled outage activity.

May 2024

Project 03330- Contractor payments decreased \$414.2k, EKPC Payroll & Benefits decreased \$5.2k, Materials decreased \$11.3k, Accruals increased \$265.1k.

Project 03501- Contractor payments increased \$32.9k, EKPC Payroll & Benefits increased \$1.1k, Materials decreased \$4.9k, Accruals decreased \$271.6k.

Project 03515- Contractor payments increased \$5k, EKPC Payroll & Benefits decreased \$21.5k, Materials increased \$52.9k, Accruals decreased \$56.5k.

No significant maintenance performed.

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512000 - SP03	Maintenance of Boiler Plant Gilbert	Nov	Dec	Jan	Feb	Mar	Apr	May
Projects 03206	Expense Dollars	\$ 420,413	\$ (232,881)	\$ 128,473	\$ 260,258	\$ 216,998	\$ 1,675,888	\$ 1,898,425
and 03350	Expense Dollars Change		\$ (653,294)	\$ 361,354	\$ 131,785	\$ (43,260)	\$ 1,458,890	\$ 222,537
	Percent Change		-155.39%	-155.17%	102.58%	-16.62%	672.31%	13.28%

Project 03206 is for Spurlock 3 Boiler Pollution Control equipment and Project 03350 is for Spurlock 3 Bag House, SNCR and FDA equipment.

December 2023

Project 03206- Contractor payments decreased \$45.5k, EKPC Payroll & Benefits decreased \$11.5k, Materials increased \$76k, Accruals decreased \$689.7k.

Project 03350- Contractor payments increased \$18.2k, EKPC Payroll & Benefits decreased \$2.3k, Materials decreased \$2.1k, Accruals increased \$3.6k.

No significant maintenance performed.

January 2024

Project 03206- Contractor payments decreased \$40.6k, EKPC Payroll & Benefits decreased \$12.6k, Materials decreased \$33.8k, Accruals decreased \$87.6k.

Project 03350- Contractor payments increased \$18.7k, EKPC Payroll & Benefits increased \$20.1k, Materials increased \$2.5k, Accruals decreased \$30k.

No significant maintenance performed.

February 2024

Project 03206- Contractor payments decreased \$42.2k, EKPC Payroll & Benefits decreased \$5.2k, Materials increased \$11.4k, Accruals increased \$40k.

Project 03350- Contractor payments decreased \$2.8k, EKPC Payroll & Benefits decreased \$14.6k, Materials increased \$25.5k, Accruals increased \$14k.

No significant maintenance performed.

March 2024

Project 03206- Contractor payments increased \$32.9k, EKPC Payroll & Benefits increased \$22k, Materials decreased \$2.3k, Accruals decreased \$3.2k.

Project 03350- Contractor payments decreased \$15.5k, EKPC Payroll & Benefits increased \$3.7k, Materials decreased \$17.4k, Accruals increased \$2.5k.

No significant maintenance performed.

April 2024

Project 03206- Contractor payments decreased \$32.7k, EKPC Payroll & Benefits decreased \$24.4k, Materials increased \$3.3k, Accruals decreased \$23k.

Project 03350- Contractor payments increased \$13.3k, EKPC Payroll & Benefits decreased \$6.2k, Materials increased \$35.6k, Accruals increased \$56.1k.

Scheduled outage activity.

May 2024

Project 03206- Contractor payments increased \$40.3k, EKPC Payroll & Benefits increased \$21k, Materials decreased \$18.2k, Accruals increased \$376.8k.

Project 03350- Contractor payments decreased \$27.1k, EKPC Payroll & Benefits increased \$6k, Materials decreased \$43.8k, Accruals decreased \$94.7k.

Scheduled outage activity.

512000 - SP04	Maintenance of Boiler Plant Spurlock 4	Nov	Dec	Jan	Feb	Mar	Apr	May
Projects 03206	Expense Dollars	\$ 1,590,786	\$ 690,353	\$ 58,255	\$ 145,390	\$ 88,176	\$ 285,769	\$ 275,130
and 03350	Expense Dollars Change		\$ (900,433)	\$ (632,098)	\$ 87,135	\$ (57,214)	\$ 197,593	\$ (10,639)
	Percent Change		-56.60%	-91.56%	149.58%	-39.35%	224.09%	-3.72%

Project 03206 is for Spurlock 4 Boiler Pollution Control equipment and Project 03350 is for Spurlock 4 Bag House, SNCR and FDA equipment.

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December 2023

Project 03206- Contractor payments increased \$600k, EKPC Payroll & Benefits decreased \$35.9k, Materials decreased \$11k, Accruals decreased \$1,177.9k.
 Project 03350- Contractor payments decreased \$225.3k, EKPC Payroll & Benefits decreased \$15.6k, Materials decreased \$19.9k, Accruals decreased \$14.8k.
 No significant maintenance performed.

January 2024

Project 03206- Contractor payments decreased \$982.8k, EKPC Payroll & Benefits decreased \$23.9k, Materials increased \$16.4k, Accruals increased \$427.7k.
 Project 03350- Contractor payments decreased \$77.4k, EKPC Payroll & Benefits increased \$18.3k, Materials increased \$14.4k, Accruals increased \$11.9k.
 No significant maintenance performed.

February 2024

Project 03206- Contractor payments decreased \$95.2k, EKPC Payroll & Benefits increased \$26.1k, Materials decreased \$33.2k, Accruals increased \$182.2k.
 Project 03350- Contractor payments decreased \$2k, EKPC Payroll & Benefits increased \$17.9k, Materials decreased \$3.3k, Accruals decreased \$5.4k.
 No significant maintenance performed.

March 2024

Project 03206- Contractor payments decreased \$0.8k, EKPC Payroll & Benefits decreased \$2.5k, Materials increased \$8.4k, Accruals increased \$44.4k.
 Project 03350- Contractor payments increased \$7.4k, EKPC Payroll & Benefits decreased \$15.2k, Materials decreased \$10.1k, Accruals no change.
 No significant maintenance performed.

April 2024

Project 03206- Contractor payments increased \$118.9k, EKPC Payroll & Benefits increased \$5.5k, Materials increased \$5k, Accruals increased \$73.6k.
 Project 03350- Contractor payments decreased \$26.6k, EKPC Payroll & Benefits increased \$2.3k, Materials increased \$1.5k, Accruals increased \$17.3k.
 No significant maintenance performed.

May 2024

Project 03206- Contractor payments decreased \$29.7k, EKPC Payroll & Benefits decreased \$10k, Materials increased \$41.5k, Accruals decreased \$32.8k.
 Project 03350- Contractor payments decreased \$1.6k, EKPC Payroll & Benefits increased \$7.2k, Materials increased \$7.5k, Accruals increased \$7.4k.
 No significant maintenance performed.

512000 - SP21	Maintenance of Boiler Plant Scrubber 1	Nov	Dec	Jan	Feb	Mar	Apr	May
Project 03521	Expense Dollars	\$ 550,126	\$ 400,081	\$ 243,230	\$ 144,159	\$ 270,174	\$ 86,807	\$ 172,345
	Expense Dollars Change		\$ (150,045)	\$ (156,851)	\$ (99,071)	\$ 126,015	\$ (183,367)	\$ 85,538
	Percent Change		-27.27%	-39.20%	-40.73%	87.41%	-67.87%	98.54%

December 2023

Project 03521- Contractor payments decreased \$-9.8k, EKPC Payroll & Benefits increased \$9.3k, Materials decreased \$62.4k, Accruals decreased \$127.5k.
 No significant maintenance performed.

January 2024

Project 03521- Contractor payments decreased \$42.5k, EKPC Payroll & Benefits decreased \$14.1k, Materials decreased \$7.5, accruals increased \$68.4k.
 No significant maintenance performed.

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February 2024

Project 03521- Contractor payments decreased \$62.7k, EKPC Payroll & Benefits decreased \$6k, Materials increased \$84k, Accruals increased \$14k.
 No significant maintenance performed.

March 2024

Project 03521- Contractor payments decreased \$6.1k, EKPC Payroll & Benefits increased \$11.1k, Materials decreased \$30.3k, Accruals increased \$46.8k.
 No significant maintenance performed.

April 2024

Project 03521- Contractor payments increased \$103.6k, EKPC Payroll & Benefits increased \$35.3k, Materials increased \$94.3k, Accruals increased \$82.42k.
 No significant maintenance performed.

May 2024

Project 03521- Contractor payments increased \$209.9k, EKPC Payroll & Benefits decreased \$36.9k, Materials decreased \$99.7k, Accruals decreased \$34.3k.
 No significant maintenance performed.

512000 - SP22	Maintenance of Boiler Plant Scrubber 2	Nov	Dec	Jan	Feb	Mar	Apr	May
Project 03521	Expense Dollars	\$ 181,230	\$ 408,304	\$ 369,367	\$ 178,539	\$ 295,756	\$ 673,657	\$ 354,840
	Expense Dollars Change		\$ 227,074	\$ (38,937)	\$ (190,828)	\$ 117,217	\$ 377,901	\$ (318,817)
	Percent Change		125.30%	-9.54%	-51.66%	65.65%	127.77%	-47.33%

December 2023

Project 03521- Contractor payments increased \$28.1k, EKPC Payroll & Benefits increased \$19.1k, Materials increased \$187.7k, Accruals decreased \$7.9k.
 No significant maintenance performed.

January 2024

Project 03521- Contractor payments decreased \$287.4k, EKPC Payroll & Benefits increased \$0.8k, Materials decreased \$8.7k, Accruals decreased \$30.1k.
 No significant maintenance performed.

February 2024

Project 03521- Contractor payments decreased \$142.7k, EKPC Payroll & Benefits increased \$25.1k, Materials increased \$66.4k, Accruals increased \$27.9k.
 No significant maintenance performed.

March 2024

Project 03521- Contractor payments decreased \$41.2k, EKPC Payroll & Benefits decreased \$19k, Materials increased \$78.8k, Accruals increased \$12.9k.
 No significant maintenance performed.

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April 2024

Project 03521- Contractor payments increased \$23.3k, EKPC Payroll & Benefits increased \$0.3k, Materials decreased \$146.4k, Accruals decreased \$3.9k.
No significant maintenance performed.

May 2024

Project 03521- Contractor payments increased \$2.2k, EKPC Payroll & Benefits increased \$12.6k, Materials increased \$36.6k, Accruals increased \$3.1k.
No significant maintenance performed.

Air Permit Fees

506002 - CP00	Misc. Stm Pwr Env - Cooper	Nov	Dec	Jan	Feb	Mar	Apr	May
	Expense Dollars	\$ -	\$ 9,908	\$ -	\$ 7,980	\$ 100,720	\$ -	\$ -
	Expense Dollars Change		\$ 9,908	\$ (9,908)	\$ 7,980	\$ 92,740	\$ (100,720)	\$ -
	Percent Change		\$ -	-100.00%	\$ -	1162.16%	-100.00%	\$ -

506002 - SP00	Misc Stm Pwr Env - Spurlock	Nov	Dec	Jan	Feb	Mar	Apr	May
	Expense Dollars	\$ -	\$ 1,173,075	\$ -	\$ 33,395	\$ (19,248)	\$ 12,450	\$ 5,695
	Expense Dollars Change		\$ 1,173,075	\$ (1,173,075)	\$ 33,395	\$ (52,643)	\$ 31,698	\$ (6,755)
	Percent Change		\$ -	-100.00%	\$ -	-157.64%	-164.68%	-54.26%

506002 - SP01	Misc Stm Pwr Env - Spurlock	Nov	Dec	Jan	Feb	Mar	Apr	May
	Expense Dollars	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Expense Dollars Change		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Percent Change		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

506002 - SP02	Misc Stm Pwr Env - Spurlock	Nov	Dec	Jan	Feb	Mar	Apr	May
	Expense Dollars	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Expense Dollars Change		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Percent Change		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

506002 - SP03	Misc Stm Pwr Env - Spurlock	Nov	Dec	Jan	Feb	Mar	Apr	May
	Expense Dollars	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Expense Dollars Change		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Percent Change		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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506002 - SP03	Misc Stm Pwr Env - Spurlock	Nov	Dec	Jan	Feb	Mar	Apr	May
	Expense Dollars	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Expense Dollars Change		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Percent Change		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Air permit fees paid for Cooper and Spurlock for calendar 2023 emissions.

Operating Expense- Ammonia

506001 - CPxx	Misc Stm Pwr Exp - Cooper	Nov	Dec	Jan	Feb	Mar	Apr	May
	Expense Dollars	\$ 5,413	\$ 38,840	\$ 84,610	\$ 27,166		\$ 10,314	\$ 27,777
	Expense Dollars Change		\$ 33,427	\$ 45,770	\$ (57,444)	\$ (27,166)	\$ 10,314	\$ 17,463
	Percent Change		617.53%	117.84%	-67.89%	-100.00%	\$ -	169.31%

The monthly change in expense is due to the increase or decrease in Ammonia usage.

Operating Expense- Ammonia

506001 - CP22	Misc Stm Pwr Exp - Cooper Unit #2 AQCS	Nov	Dec	Jan	Feb	Mar	Apr	May
	Expense Dollars	\$ 41,257	\$ 568,637	\$ 909,480	\$ 248,359	\$ 42,438	\$ 70,040	\$ 111,428
	Expense Dollars Change		\$ 527,380	\$ 340,843	\$ (661,121)	\$ (205,921)	\$ 27,602	\$ 41,388
	Percent Change		1278.28%	59.94%	-72.69%	-82.91%	65.04%	59.09%

The monthly change in expense is due to the increase or decrease in Ammonia usage based on generation.

Operating Expense- Ammonia

506001 - SP01	Misc Stm Pwr Exp - Spurlock 1	Nov	Dec	Jan	Feb	Mar	Apr	May
	Expense Dollars	\$ -	\$ 46,434	\$ 108,793	\$ 82,119	\$ 98,883	\$ 33,290	\$ 87,538
	Expense Dollars Change		\$ 46,434	\$ 62,359	\$ (26,674)	\$ 16,764	\$ (65,593)	\$ 54,248
	Percent Change		\$ -	134.30%	-24.52%	20.41%	-66.33%	162.96%

The monthly change in expense is due to the increase or decrease in Ammonia usage based on generation.

506001 -SP02	Misc Steam Power Exp - Spurlock 2	Nov	Dec	Jan	Feb	Mar	Apr	May
	Expense Dollars	\$ 62,286	\$ 83,110	\$ 56,311	\$ 52,724	\$ -	\$ 49,642	\$ 46,804
	Expense Dollars Change		\$ 20,824	\$ (26,799)	\$ (3,587)	\$ (52,724)	\$ 49,642	\$ (2,838)
	Percent Change		33.43%	-32.25%	-6.37%	-100.00%	\$ -	-5.72%

The monthly change in expense is due to the increase or decrease in Ammonia usage based on generation.

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Operating and Expense Month over Month Analysis
For the Expense Period December 2023 to May 2024

Operating Expense- Ammonia and Limestone

506001 - SP03	Misc Steam Power Expense- Gilbert	Nov	Dec	Jan	Feb	Mar	Apr	May
	Ammonia Expense	\$ 39,423	\$ 61,037	\$ 62,396	\$ 48,698	\$ 16,461	\$ 16,461	\$ 16,461
	Limestone Expense	\$ 430,255	\$ 484,466	\$ 482,997	\$ 290,161	\$ -	\$ -	\$ -
	Limestone Tons Used	25,162	38,825	28,703	17,327	0	0	0
	Total Expense Dollars	\$ 469,678	\$ 545,503	\$ 545,393	\$ 338,859	\$ 16,461	\$ 16,461	\$ 16,461
	Expense Dollars Change		\$ 75,825	\$ (110)	\$ (206,534)	\$ (322,398)	\$ -	\$ -
	Percent Change		16.14%	-0.02%	-37.87%	-95.14%	0.00%	0.00%

Limestone is stockpiled throughout the year and taken from the stockpile for usage. There may be slight variances in the cost according to fluctuations in contract prices and freight cost per shipment of limestone, but the noted change in limestone primarily reflects the level of stockpile usage by the unit for the month indicated.

December 2023 - Limestone expenses increased \$54.2k and Ammonia expenses increased \$21.6k.
Tons burned increased 13,663.

January 2024 - Limestone expenses decreased \$1.5k and Ammonia expenses increased \$1.4k.
Tons burned decreased 10,122.

February 2024 - Limestone expenses decreased \$192.8k and Ammonia expenses decreased \$13.7k.
Tons burned decreased 11,376.

March 2024 - Limestone expenses decreased \$290.2k and Ammonia expenses decreased \$32.2k.
Tons burned decreased 17,327.

April 2024 - Limestone expenses no change and Ammonia expenses no change.
Tons burned no change.

May 2024 - Limestone expenses no change and Ammonia expenses no change.
Tons burned no change.

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Operating and Expense Month over Month Analysis
For the Expense Period December 2023 to May 2024

Operating Expense- Limestone and Magnesium

506001 - SP21	Misc Stm Pwr Exp- Spurlock 1	Nov	Dec	Jan	Feb	Mar	Apr	May
	Magnesium Expense	\$ 149,272	\$ 226,818	\$ 216,009	\$ 217,346	\$ 242,158	\$ 195,349	\$ 239,616
	Limestone Expense	\$ -	\$ 64,188	\$ 153,650	\$ 107,786	\$ 141,543	\$ 49,654	\$ 142,884
	Limestone Tons Used	-	4,196	9,085	6,418	8,456	2,961	8,502
	Expense Dollars	\$ 149,272	\$ 291,006	\$ 369,659	\$ 325,132	\$ 383,701	\$ 245,003	\$ 382,500
	Expense Dollars Change		\$ 141,734	\$ 78,653	\$ (44,527)	\$ 58,569	\$ (138,698)	\$ 137,497
	Percent Change		94.95%	27.03%	-12.05%	18.01%	-36.15%	56.12%

Limestone is stockpiled throughout the year and taken from the stockpile for usage. There may be slight variances in the cost according to fluctuations in contract prices and freight cost per shipment of limestone, but the noted change in limestone primarily reflects the level of stockpile usage by the unit for the month indicated.

December 2023 - Limestone expenses increased \$64.2k and Magnesium expenses increased \$77.5k.
Tons burned increased 4,196.

January 2024 - Limestone expenses increased \$89.5k and Magnesium expenses decreased \$10.8k.
Tons burned increased 4,889.

February 2024 - Limestone expenses decreased \$45.9k and Magnesium expenses increased \$1.3k.
Tons burned decreased 2,667.

March 2024 - Limestone expenses increased \$33.8k and Magnesium expenses increased \$24.8k.
Tons burned increased 2,038.

April 2024 - Limestone expenses decreased \$91.9k and Magnesium expenses decreased \$46.8k.
Tons burned decreased 5,495.

May 2024 - Limestone expenses increased \$93.2k and Magnesium expenses increased \$44.3k.
Tons burned increased 5,540.

East Kentucky Power Cooperative, Inc.
Environmental Surcharge Operating and Expense Month over Month Analysis
For the Expense Period December 2023 to May 2024

Operating Expense-Limestone and Magnesium

506001 - SP22	Misc Stm Pwr Exp- Spurlock 2	Nov	Dec	Jan	Feb	Mar	Apr	May
	Magnesium Expense	\$ 457,192	\$ 443,337	\$ 414,945	\$ 392,899	\$ 164,405	\$ 361,349	\$ 428,166
	Limestone Expense	\$ 259,793	\$ 273,642	\$ 230,475	\$ 191,620	\$ -	\$ 198,615	\$ 205,613
	Limestone Tons Used	15,178	17,889	13,628	11,411	-	11,846	12,234
	Expense Dollars	\$ 716,985	\$ 716,979	\$ 645,420	\$ 584,519	\$ 164,405	\$ 559,964	\$ 633,779
	Expense Dollars Change		\$ (6)	\$ (71,559)	\$ (60,901)	\$ (420,114)	\$ 395,559	\$ 73,815
	Percent Change		0.00%	-9.98%	-9.44%	-71.87%	240.60%	13.18%

Limestone is stockpiled throughout the year and taken from the stockpile for usage. There may be slight variances in the cost according to fluctuations in contract prices and freight cost per shipment of limestone, but the noted change in limestone primarily reflects the level of stockpile usage by the unit for the month indicated.

December 2023 - Limestone expenses increased \$13.8k and Magnesium expenses decreased \$13.9k.
Tons burned increased 2,711.

January 2024 - Limestone expenses decreased \$43.2k and Magnesium expenses decreased \$28.4k.
Tons burned decreased 4,261.

February 2024 - Limestone expenses decreased \$38.9k and Magnesium expenses decreased \$22k.
Tons burned decreased 2,217.

March 2024 - Limestone expenses decreased \$191.6k and Magnesium expenses decreased \$228.5k.
Tons burned decreased 11,411.

April 2024 - Limestone expenses increased \$198.6k and Magnesium expenses increased \$196.9k.
Tons burned increased 11,846.

May 2024 - Limestone expenses increased \$7k and Magnesium expenses increased \$66.8.
Tons burned increased 389.

Operating Expense- Ammonia and Limestone

506001 - SP04	Misc Stm Pwr Exp- Spurlock 4	Nov	Dec	Jan	Feb	Mar	Apr	May
	Ammonia Expense	\$ 43,253	\$ 51,026	\$ 60,679	\$ 57,938	\$ 44,780	\$ 46,794	\$ 50,410
	Limestone Expense	\$ 417,058	\$ 399,633	\$ 511,488	\$ 447,371	\$ 362,303	\$ 381,896	\$ 497,934
	Limestone Tons Used	24,401	23,541	30,399	26,735	21,689	22,810	29,658
	Expense Dollars	\$ 460,311	\$ 450,659	\$ 572,167	\$ 505,309	\$ 407,083	\$ 428,690	\$ 548,344
	Expense Dollars Change		\$ (9,652)	\$ 121,508	\$ (66,858)	\$ (98,226)	\$ 21,607	\$ 119,654
	Percent Change		-2.10%	26.96%	-11.69%	-19.44%	5.31%	27.91%

Limestone is stockpiled throughout the year and taken from the stockpile for usage. There may be slight variances in the cost according to fluctuations in contract prices and freight cost per shipment of limestone, but the noted change in limestone primarily reflects the level of stockpile usage by the unit for the month indicated.

East Kentucky Power Cooperative, Inc.

**Environmental Surcharge Operating and Expense Month over Month Analysis
For the Expense Period December 2023 to May 2024**

December 2023 - Limestone expenses decreased \$17.4k and Ammonia expenses increased \$7.8k.
Tons burned decreased 860.

January 2024 - Limestone expenses increased \$111.9k and Ammonia expenses increased \$9.7k.
Tons burned increased 6,858.

February 2024 - Limestone expenses decreased \$64.1k and Ammonia expenses decreased \$2.7k.
Tons burned decreased 3,664.

March 2024 - Limestone expenses decreased \$85.1k and Ammonia expenses decreased \$13.2k.
Tons burned decreased 5,046.

April 2024 - Limestone expenses increased \$19.6k and Ammonia expenses increased \$2k.
Tons burned increased 1,121.

May 2024 - Limestone expenses increased \$116k and Ammonia expenses increased \$3.6k.
Tons burned increased 6,848.