

East Kentucky Power Cooperative, Inc.  
Environmental Surcharge Operating and Expense Month over Month Analysis  
For the Expense Period December 2021 to May 2022

501010 - SP01	Fuel Coal Spurlock 1	Nov	Dec	Jan	Feb	Mar	Apr	May
400-2610	Expense Dollars	\$ 17,192	\$ 24,188	\$ 116,848	\$ 176,643	\$ 58,088	\$ 115,667	\$ 222,003
	Expense Dollars Change		\$ 6,996	\$ 92,660	\$ 59,795	\$ (118,555)	\$ 57,579	\$ 106,336
	Percent Change		40.69%	383.08%	51.17%	-67.12%	99.12%	91.93%

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	\$ 1,270	\$ 14,161	\$ 208,602	\$ 303,656	\$ 252,279	\$ 335,678	\$ 354,190
	Expense Dollars Change		\$ 12,891	\$ 194,440	\$ 95,055	\$ (51,377)	\$ 83,399	\$ 18,512
	Percent Change		1015.07%	1373.03%	45.57%	-16.92%	33.06%	5.51%

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	\$ 33,156	\$ 39,696	\$ 129,994	\$ 189,668	\$ 164,192	\$ 245,046	\$ 17,062
	Expense Dollars Change		\$ 6,540	\$ 90,298	\$ 59,674	\$ (25,476)	\$ 80,854	\$ (227,984)
	Percent Change		19.72%	227.48%	45.91%	-13.43%	49.24%	-93.04%

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	\$ 6,508	\$ 42,931	\$ 138,982	\$ 159,744	\$ 175,702	\$ 223,872	\$ 266,281
	Expense Dollars Change		\$ 36,423	\$ 96,051	\$ 20,762	\$ 15,958	\$ 48,170	\$ 42,409
	Percent Change		559.67%	223.73%	14.94%	9.99%	27.42%	18.94%

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	\$ 10,152	\$ -	\$ 72,485	\$ (55)	\$ 40,174	\$ -	\$ 131
	Expense Dollars Change		\$ (10,152)	\$ 72,485	\$ (72,540)	\$ 40,229	\$ (40,174)	\$ 131
	Percent Change		-100.00%	\$ -	-100.08%	-73383.47%	-100.00%	\$ -

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

East Kentucky Power Cooperative, Inc.  
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512000 - CPxx	Maintenance of Cooper (Unit 2 AQCS)	Nov	Dec	Jan	Feb	Mar	Apr	May
Projects 03350 and 03521	Expense Dollars	\$ 131,947	\$ 64,649	\$ 1,932	\$ 17,473	\$ 16,290	\$ 16,820	\$ 58,698
	Expense Dollars Change		\$ (67,298)	\$ (62,717)	\$ 15,541	\$ (1,183)	\$ 530	\$ 41,878
	Percent Change		-51.00%	-97.01%	804.40%	-6.77%	3.25%	248.98%

**Project 03350 is Bag House, Dry Scrub, SNCR & SCR, Project 03521 is Scrubber Maintenance**

December 2021

Project 03350- Contractor payments decreased \$9.7k, EKPC Payroll & Benefits decreased \$1.5k, Materials decreased \$0.1k, Accruals increased \$2.4k.

Project 03521- Contractor payments increased \$135.4k, EKPC Payroll & Benefits no change, Materials decreased \$7.4k, Accruals decreased \$186.3k.

No significant maintenance performed.

January 2022

Project 03350- Contractor payments increased \$0.9k, EKPC Payroll & Benefits decreased \$0.8k, Materials no change, Accruals decreased \$1.9k.

Project 03521- Contractor payments decreased \$143.5k, EKPC Payroll & Benefits decreased \$8.1k, Materials decreased \$2.6k, Accruals increased \$93.2k.

No significant maintenance performed.

February 2022

Project 03350- Contractor payments increased \$1.5k, EKPC Payroll & Benefits increased \$0.5k, Materials no change, Accruals decreased \$2.5k.

Project 03521- Contractor payments increased \$5.8k, EKPC Payroll & Benefits increased \$5.2k, Materials increased \$4.7k, Accruals increased \$0.3k.

No significant maintenance performed.

March 2022

Project 03350- Contractor payments decreased \$2.5k, EKPC Payroll & Benefits increased \$0.9k, Materials increased \$1.1k, Accruals increased \$2.4k.

Project 03521- Contractor payments decreased \$5.1k, EKPC Payroll & Benefits increased \$4.8k, Materials decreased \$2.1k, Accruals decreased \$0.6k.

No significant maintenance performed.

April 2022

Project 03350- Contractor payments no change, EKPC Payroll & Benefits decreased \$0.9k, Materials decreased \$1.1k, Accruals increased \$0.2k.

Project 03521- Contractor payments increased \$11.5k, EKPC Payroll & Benefits decreased \$7.7k, Materials decreased \$3.2k, Accruals increased \$1.7k.

No significant maintenance performed.

May 2022

Project 03350- Contractor payments increased \$3.8k, EKPC Payroll & Benefits increased \$6.6k, Materials increased \$1.6k, Accruals decreased \$4.4k.

Project 03521- Contractor payments increased \$0.3k, EKPC Payroll & Benefits increased \$20.2k, Materials increased \$0.3k, Accruals increased \$13.5k.

No significant maintenance performed.

**East Kentucky Power Cooperative, Inc.**  
**Environmental Surcharge Operating and Expense Month over Month Analysis**  
**For the Expense Period December 2021 to May 2022**

512000 - SP01	Maintenance of Boiler Plant Spurlock 1	Nov	Dec	Jan	Feb	Mar	Apr	May
Projects 03330, 03501, 03515	Expense Dollars	\$ 20,635	\$ 36,042	\$ 346,907	\$ 525,531	\$ 608,009	\$ 203,275	\$ 47,906
	Expense Dollars Change		\$ 15,407	\$ 310,865	\$ 178,624	\$ 82,478	\$ (404,734)	\$ (155,369)
	Percent Change		74.67%	862.50%	51.49%	15.69%	-66.57%	-76.43%

**Project 03330 is for the Spurlock 1 Electrostatic Precipitator, Project 03501 is for Spurlock 1 SCR maintenance, and Project 031515 is for CCR/ELG Ash System maintenance.**

**December 2021**

Project 03330- Contractor payments decreased \$2.8k, EKPC Payroll & Benefits increased \$0.3k, Accruals increased \$16.1k.

Project 03501- Contractor payments decreased \$2.9k, EKPC Payroll & Benefits decreased \$1.4k, Materials increased \$0.2k, Accruals increased \$5.8k.

No significant maintenance performed.

**January 2022**

Project 03330- Contractor payments increased \$2.7k, EKPC Payroll & Benefits decreased \$3.1k, Accruals increased \$13k.

Project 03501- Contractor payments increased \$263k, EKPC Payroll & Benefits increased \$1.7k, Materials decreased \$0.2k, Accruals increased \$7.1k.

Project 03515- Contractor payments no change, EKPC Payroll & Benefits increased \$28k, Materials decreased \$1.4k, Accruals no change.

Scheduled outage activity and SCR Catalyst layer replacement.

**February 2022**

Project 03330- Contractor payments decreased \$3.6k, EKPC Payroll & Benefits increased \$3.7k, Materials increased \$5.5k, Accruals decreased \$29.7k.

Project 03501- Contractor payments decreased \$264.6k, EKPC Payroll & Benefits decreased \$3.2k, Materials increased \$4.3k, Accruals increased \$460.8k.

Project 03515- Contractor payments no change, EKPC Payroll & Benefits increased \$0.1k, Materials increased \$5.3k, Accruals no change.

Scheduled outage activity and SCR Catalyst layer replacement.

**March 2022**

Project 03330- Contractor payments increased \$4.8k, EKPC Payroll & Benefits increased \$10.8k, Materials increased \$9.5k, Accruals increased \$117k.

Project 03501- Contractor payments increased \$708.2k, EKPC Payroll & Benefits increased \$19.6k, Materials decreased \$3.8k, Accruals decreased \$785.2k.

Project 03515- Contractor payments no change, EKPC Payroll & Benefits decreased \$3k, Materials increased \$4.6k, Accruals no change.

Scheduled outage activity and SCR Catalyst layer replacement.

**April 2022**

Project 03330- Contractor payments increased \$14k, EKPC Payroll & Benefits decreased \$6k, Materials decreased \$14.7k, Accruals increased \$0.8k.

Project 03501- Contractor payments decreased \$595.4k, EKPC Payroll & Benefits decreased \$14.6k, Materials decreased \$0.5k, Accruals increased \$212.8k.

Project 03515- Contractor payments increased \$0.4k, EKPC Payroll & Benefits decreased \$6.7k, Materials increased \$4.2k, Accruals increased \$1.2k.

No significant maintenance performed.

**May 2022**

Project 03330- Contractor payments increased \$212.1k, EKPC Payroll & Benefits decreased \$5.9k, Materials increased \$0.1k, Accruals decreased \$342.8k.

Project 03501- Contractor payments decreased \$95.2k, EKPC Payroll & Benefits decreased \$5.3k, Materials no change, Accruals increased \$105.8k.

Project 03515- Contractor payments increased \$1k, EKPC Payroll & Benefits decreased \$15.2k, Materials decreased \$11.4k, Accruals increased \$1.5k.

No significant maintenance performed.

**East Kentucky Power Cooperative, Inc.**  
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**For the Expense Period December 2021 to May 2022**

512000 - SP02	Maintenance of Boiler Plant Spurlock 2	Nov	Dec	Jan	Feb	Mar	Apr	May
Projects 03330 and 03501	Expense Dollars	\$ 382,104	\$ 148,552	\$ 106,707	\$ 36,342	\$ 54,959	\$ 96,014	\$ 49,472
	Expense Dollars Change		\$ (233,552)	\$ (41,845)	\$ (70,365)	\$ 18,617	\$ 41,055	\$ (46,542)
	Percent Change		-61.12%	-28.17%	-65.94%	51.23%	74.70%	-48.47%

**Project 03330 is for the Spurlock 2 Electrostatic Precipitator and Project 03501 is for Spurlock 2 SCR maintenance.**

**December 2021**

Project 03330- Contractor payments increased \$62.2k, EKPC Payroll & Benefits increased \$2.6k, Materials decreased \$4.4k, Accruals decreased \$4.6k.  
 Project 03501- Contractor payments decreased \$226k, EKPC Payroll & Benefits increased \$12.9k, Materials decreased \$0.1k, Accruals decreased \$76k.  
 No significant maintenance performed.

**January 2022**

Project 03330- Contractor payments decreased \$66.3k, EKPC Payroll & Benefits increased \$3.7k, Materials increased \$.1k, Accruals increased \$1.7k.  
 Project 03501- Contractor payments increased \$11.6k, EKPC Payroll & Benefits decreased \$18.4k, Materials no change, Accruals decreased \$51.9k.  
 Project 03515- Contractor payments increased \$6.2k, EKPC Payroll & Benefits increased \$60.3k, Materials increased \$11.3k, Accruals no change.  
 No significant maintenance performed.

**February 2022**

Project 03330- Contractor payments decreased \$8k, EKPC Payroll & Benefits decreased \$6.2k, Materials increased \$7.3k, Accruals decreased \$7.1k.  
 Project 03501- Contractor payments increased \$61.9k, EKPC Payroll & Benefits increased \$6.9k, Materials increased \$7.2k, Accruals decreased \$80k.  
 Project 03515- Contractor payments decreased \$3.2k, EKPC Payroll & Benefits decreased \$41.1k, Materials decreased \$7.9k, Accruals no change.  
 No significant maintenance performed.

**March 2022**

Project 03330- Contractor payments increased \$4.9k, EKPC Payroll & Benefits increased \$2.2k, Materials decreased \$1.9k, Accruals increased \$6.8k.  
 Project 03501- Contractor payments decreased \$121k, EKPC Payroll & Benefits increased \$2.5k, Materials decreased \$0.9k, Accruals increased \$116.6k.  
 Project 03515- Contractor payments decreased \$3k, EKPC Payroll & Benefits decreased \$9.3k, Materials increased \$21.6k, Accruals no change.  
 No significant maintenance performed.

**April 2022**

Project 03330- Contractors decreased \$4.6k, EKPC Payroll & Benefits increased \$2k, Materials decreased \$11.5k, Accruals increased \$11.1k.  
 Project 03501- Contractor payments increased \$1.5k, EKPC Payroll & Benefits decreased \$3.9k, Materials decreased \$6.3k, Accruals increased \$12.2k.  
 Project 03515- Contractor payments no change, EKPC Payroll & Benefits increased \$14.2k, Materials increased \$19.1k, Accruals increased \$7.3k.  
 No significant maintenance performed.

**May 2022**

Project 03330- Contractor payments increased \$18.1k, EKPC Payroll & Benefits decreased \$1.7k, Materials increased \$5.5k, Accruals decreased \$24.4k.  
 Project 03501- Contractor payments increased \$14.9k, EKPC Payroll & Benefits decreased \$0.2k, Materials no change, Accruals decreased \$20.7k.  
 Project 03515- Contractor payments no change, EKPC Payroll & Benefits decreased \$12.1k, Materials decreased \$18.6k, Accruals decreased \$7.3k.  
 No significant maintenance performed.

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512000 - SP03	Maintenance of Boiler Plant Gilbert	Nov	Dec	Jan	Feb	Mar	Apr	May
Projects 03206 and 03350	Expense Dollars	\$ 115,098	\$ 111,422	\$ 68,237	\$ 127,913	\$ 269,116	\$ 966,417	\$ 2,562,868
	Expense Dollars Change		\$ (3,676)	\$ (43,185)	\$ 59,676	\$ 141,203	\$ 697,301	\$ 1,596,451
	Percent Change		-3.19%	-38.76%	87.45%	110.39%	259.11%	165.19%

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

**December 2021**

Project 03206- Contractor payments decreased \$10.3k, EKPC Payroll & Benefits decreased \$29.2k, Materials increased \$11.3k, Accruals increased \$21.6k.

Project 03350- Contractor payments decreased \$13.6k, EKPC Payroll & Benefits decreased \$3.5k, Materials decreased \$4.5k, Accruals increased \$24.4k.

No significant maintenance performed.

**January 2022**

Project 03206- Contractor payments decreased \$7k, EKPC Payroll & Benefits decreased \$10.9k, Materials increased \$12.7k, Accruals decreased \$16.8k.

Project 03350- Contractor payments increased \$26.6k, EKPC Payroll & Benefits decreased \$2.2k, Materials increased \$4.1k, Accruals decreased \$49.6k.

No significant maintenance performed.

**February 2022**

Project 03206- Contractor payments increased \$12.8k, EKPC Payroll & Benefits increased \$34.8k, Materials decreased \$0.6k, Accruals increased \$5.6k.

Project 03350- Contractor payments decreased \$33.9k, EKPC Payroll & Benefits increased \$5k, Materials increased \$5.6k, Accruals increased \$30.4k.

No significant maintenance performed.

**March 2022**

Project 03206- Contractor payments decreased \$31.4k, EKPC Payroll & Benefits decreased \$16.4k, Materials increased \$46.1k, Accruals increased \$3.6k.

Project 03350- Contractor payments increased \$6.6k, EKPC Payroll & Benefits increased \$12.2k, Materials increased \$102.8k, Accruals increased \$17.8k.

No significant maintenance performed.

**April 2022**

Project 03206- Contractor payments increased \$551.9k, EKPC Payroll & Benefits increased \$7k, Materials increased \$25.6k, Accruals increased \$208k.

Project 03350- Contractor payments increased \$53.6k, EKPC Payroll & Benefits decreased \$12.6k, Materials decreased \$107k, Accruals decreased \$29.2k.

Scheduled outage activity.

**May 2022**

Project 03206- Contractor payments increased \$441.3k, EKPC Payroll & Benefits increased \$122.9k, Materials decreased \$6.2k, Accruals increased \$451.6k.

Project 03350- Contractor payments increased \$154k, EKPC Payroll & Benefits increased \$55.6k, Materials increased \$92.3k, Accruals increased \$285.1k.

Scheduled outage activity.

**East Kentucky Power Cooperative, Inc.**  
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512000 - SP04	Maintenance of Boiler Plant Spurlock 4	Nov	Dec	Jan	Feb	Mar	Apr	May
Projects 03206 and 03350	Expense Dollars	\$ 1,718,221	\$ 174,513	\$ 146,259	\$ 95,249	\$ 106,453	\$ 110,138	\$ 36,829
	Expense Dollars Change		\$ (1,543,708)	\$ (28,254)	\$ (51,010)	\$ 11,204	\$ 3,685	\$ (73,309)
	Percent Change		-89.84%	-16.19%	-34.88%	11.76%	3.46%	-66.56%

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

**December 2021**

Project 03206- Contractor payments decreased \$1,052.9k, EKPC Payroll & Benefits decreased \$97.5k, Materials decreased \$130k, Accruals decreased \$20.7k.

Project 03350- Contractor payments decreased \$105.9k, EKPC Payroll & Benefits decreased \$46.8k, Materials decreased \$38.6k, Accruals decreased \$51.4k.

No significant maintenance performed.

**January 2022**

Project 03206- Contractor payments decreased \$412.5k, EKPC Payroll & Benefits increased \$7.8k, Materials increased \$40.8k, Accruals increased \$369.9k.

Project 03350- Contractor payments decreased \$44.4k, EKPC Payroll & Benefits increased \$2.7k, Materials increased \$.9k, Accruals increased \$6.5k.

No significant maintenance performed.

**February 2022**

Project 03206- Contractor payments decreased \$51.7k, EKPC Payroll & Benefits increased \$3.1k, Materials decreased \$.7k, Accruals increased \$8.1k.

Project 03350- Contractor payments decreased \$32.4k, EKPC Payroll & Benefits increased \$4.8k, Materials increased \$4.7k, Accruals increased \$13.1k.

No significant maintenance performed.

**March 2022**

Project 03206- Contractor payments increased \$14.7k, EKPC Payroll & Benefits increased \$3.8k, Materials decreased \$39.4k, Accruals increased \$1.5k.

Project 03350- Contractor payments increased \$9.1k, EKPC Payroll & Benefits increased \$0.7k, Materials decreased \$5.5k, Accruals increased \$26.4k.

No significant maintenance performed.

**April 2022**

Project 03206- Contractor payments decreased \$2.3k, EKPC Payroll & Benefits decreased \$1.6k, Materials decreased \$0.3k, Accruals decreased \$2k.

Project 03350- Contractor payments decreased \$6.5k, EKPC Payroll & Benefits increased \$19.8k, Materials increased \$1.1k, Accruals increased \$4.6k.

No significant maintenance performed.

**May 2022**

Project 03206- Contractor payments decreased \$32.3k, EKPC Payroll & Benefits decreased \$6.5k, Materials increased \$0.7k, Accruals decreased \$0.1k.

Project 03350- Contractor payments decreased \$3.3k, EKPC Payroll & Benefits decreased \$21.7k, Materials increased \$2.6k, Accruals decreased \$12.9k.

No significant maintenance performed.

**East Kentucky Power Cooperative, Inc.**  
**Environmental Surcharge Operating and Expense Month over Month Analysis**  
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<b>512000 - SP21</b>	<b>Maintenance of Boiler Plant Scrubber 1</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>
Project 03521	Expense Dollars	\$ 119,917	\$ 766,129	\$ (115,097)	\$ 218,402	\$ 271,044	\$ 251,611	\$ 221,169
	Expense Dollars Change		\$ 646,212	\$ (881,226)	\$ 333,499	\$ 52,642	\$ (19,433)	\$ (30,442)
	Percent Change		538.88%	-115.02%	-289.75%	24.10%	-7.17%	-12.10%

**December 2021**

Project 03521- Contractor payments increased \$68.1k, EKPC Payroll & Benefits increased \$510k, Materials increased \$12.3k, Accruals increased \$55.8k.  
 No significant maintenance performed.

**January 2022**

Project 03521- Contractor payments decreased \$45.8k, EKPC Payroll & Benefits decreased \$706.1k, Materials decreased \$48.4k, Accruals decreased \$80.9k.  
 No significant maintenance performed.

**February 2022**

Project 03521- Contractor payments decreased \$10.1k, EKPC Payroll & Benefits increased \$204.4k, Materials increased \$83.6k, Accruals increased \$55.7k.  
 No significant maintenance performed.

**March 2022**

Project 03521- Contractor payments increased \$15.1k, EKPC Payroll & Benefits increased \$17.2k, Materials increased \$8.1k, Accruals increased \$12.3k.  
 No significant maintenance performed.

**April 2022**

Project 03521- Contractor payments increased \$128.8k, EKPC Payroll & Benefits increased \$5.7k, Materials decreased \$25.7k, Accruals decreased \$128.2k.  
 No significant maintenance performed.

**May 2022**

Project 03521- Contractor payments decreased \$144.3k, EKPC Payroll & Benefits decreased \$0.1k, Materials decreased \$23.3k, Accruals increased \$137.3k.  
 No significant maintenance performed.

**East Kentucky Power Cooperative, Inc.**  
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<b>512000 - SP22</b>	<b>Maintenance of Boiler Plant Scrubber 2</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>
Project 03521	Expense Dollars	\$ 347,303	\$ 563,236	\$ (175,602)	\$ 257,886	\$ 551,126	\$ 307,768	\$ 470,808
	Expense Dollars Change		\$ 215,933	\$ (738,838)	\$ 433,488	\$ 293,240	\$ (243,358)	\$ 163,040
	Percent Change		62.17%	-131.18%	-246.86%	113.71%	-44.16%	52.97%

**December 2021**

Project 03521- Contractor payments decreased \$54.3k, EKPC Payroll & Benefits increased \$88.9k, Materials decreased \$21.5k, Accruals increased \$202.8k.  
 No significant maintenance performed.

**January 2022**

Project 03521- Contractor payments decreased \$3.7k, EKPC Payroll & Benefits decreased \$450.1k, Materials decreased \$60.4k, Accruals decreased \$224.5k.  
 No significant maintenance performed.

**February 2022**

Project 03521- Contractor payments decreased \$209.7k, EKPC Payroll & Benefits increased \$381.3k, Materials increased \$86.1k, Accruals increased \$175.7k.  
 No significant maintenance performed.

**March 2022**

Project 03521- Contractor payments increased \$192.8k, EKPC Payroll & Benefits increased \$9.5k, Materials decreased \$26.3k, Accruals increased \$117.2k.  
 No significant maintenance performed.

**April 2022**

Project 03521- Contractor payments increased \$17.6k, EKPC Payroll & Benefits increased \$4.7k, Materials increased \$26.9k, Accruals decreased \$292.6k.  
 No significant maintenance performed.

**May 2022**

Project 03521- Contractor payments decreased \$110.7k, EKPC Payroll & Benefits increased \$29.5k, Materials increased \$27.4k, Accruals increased \$216.8k.  
 No significant maintenance performed.

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**Air Permit Fees**

506002 - CP00	Misc Stm Pwr Env - Cooper	Nov	Dec	Jan	Feb	Mar	Apr	May
	Expense Dollars	\$ -	\$ 25,573	5,950	\$ -	\$ -	\$ -	\$ -
	Expense Dollars Change		\$ 25,573	\$ (19,623)	\$ (5,950)	\$ -	\$ -	\$ -
	Percent Change		\$ -	-76.73%	-100.00%	\$ -	\$ -	\$ -

506002 - SP00	Misc Stm Pwr Env - Spurlock	Nov	Dec	Jan	Feb	Mar	Apr	May
	Expense Dollars	\$ 15,003	\$ 931,279	\$ -	\$ -	\$ 12,900	\$ -	\$ -
	Expense Dollars Change		\$ 916,276	\$ (931,279)	\$ -	\$ 12,900	\$ (12,900)	\$ -
	Percent Change		6107.29%	-100.00%	\$ -	\$ -	-100.00%	\$ -

506002 - SP01	Misc Stm Pwr Env - Spurlock	Nov	Dec	Jan	Feb	Mar	Apr	May
	Expense Dollars	\$ -	\$ -	\$ -	\$ -	\$ 28,705	\$ -	\$ -
	Expense Dollars Change		\$ -	\$ -	\$ -	\$ 28,705	\$ (28,705)	\$ -
	Percent Change		\$ -	\$ -	\$ -	\$ -	-100.00%	\$ -

506002 - SP02	Misc Stm Pwr Env - Spurlock	Nov	Dec	Jan	Feb	Mar	Apr	May
	Expense Dollars	\$ -	\$ -	\$ -	\$ 2,300	\$ 10,165	\$ -	\$ -
	Expense Dollars Change		\$ -	\$ -	\$ 2,300	\$ 7,865	\$ (10,165)	\$ -
	Percent Change		\$ -	\$ -	\$ -	341.96%	-100.00%	\$ -

506002 - SP03	Misc Stm Pwr Env - Spurlock	Nov	Dec	Jan	Feb	Mar	Apr	May
	Expense Dollars	\$ -	\$ -	\$ -	\$ -	\$ 15,458	\$ -	\$ -
	Expense Dollars Change		\$ -	\$ -	\$ -	\$ 15,458	\$ (15,458)	\$ -
	Percent Change		\$ -	\$ -	\$ -	\$ -	-100.00%	\$ -

506002 - SP03	Misc Stm Pwr Env - Spurlock	Nov	Dec	Jan	Feb	Mar	Apr	May
	Expense Dollars	\$ -	\$ -	\$ -	\$ -	\$ 23,245	\$ -	\$ -
	Expense Dollars Change		\$ -	\$ -	\$ -	\$ 23,245	\$ (23,245)	\$ -
	Percent Change		\$ -	\$ -	\$ -	\$ -	-100.00%	\$ -

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Air permit fees paid for Cooper and Spurlock for emissions.

**Operating Expense- Ammonia**

506001 - CPxx	Misc Stm Pwr Exp - Cooper	Nov	Dec	Jan	Feb	Mar	Apr	May
	Expense Dollars	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Expense Dollars Change		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Percent Change		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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	\$ 37,613	\$ -	\$ 440,472	\$ 582,860	\$ 18,716	\$ -	\$ 38,800
	Expense Dollars Change		\$ (37,613)	\$ 440,472	\$ 142,388	\$ (564,144)	\$ (18,716)	\$ 38,800
	Percent Change		-100.00%	\$ -	32.33%	-96.79%	-100.00%	\$ -

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	\$ 103,464	\$ 126,766	\$ 131,236	\$ 140,779	\$ 17,915	\$ 158,578	\$ 214,183
	Expense Dollars Change		\$ 23,302	\$ 4,470	\$ 9,543	\$ (122,864)	\$ 140,663	\$ 55,605
	Percent Change		22.52%	3.53%	7.27%	-87.27%	785.17%	35.06%

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	\$ -	\$ 8,359	\$ 93,435	\$ 94,935	\$ 109,685	\$ 115,862	\$ 141,790
	Expense Dollars Change		\$ 8,359	\$ 85,075	\$ 1,500	\$ 14,750	\$ 6,177	\$ 25,928
	Percent Change		100.00%	1017.73%	1.61%	15.54%	5.63%	22.38%

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 2021 to May 2022

Operating Expense- Ammonia and Limestone

506001 - SP03	Misc Steam Power Expense- Gilbert	Nov	Dec	Jan	Feb	Mar	Apr	May
	Ammonia Expense	\$ 45,200	\$ 55,508	\$ 58,654	\$ 64,450	\$ 71,357	\$ 60,146	\$ 31,339
	Limestone Expense	\$ 455,214	\$ 328,564	\$ 325,201	\$ 284,612	\$ 310,833	\$ 302,209	\$ 149,544
	Limestone Tons Used	30,248	21,609	21,421	18,896	20,548	19,550	9,408
	Total Expense Dollars	\$ 500,414	\$ 384,072	\$ 383,855	\$ 349,062	\$ 382,190	\$ 362,355	\$ 180,883
	Expense Dollars Change		\$ (116,342)	\$ (217)	\$ (34,793)	\$ 33,128	\$ (19,834)	\$ (181,473)
	Percent Change		-23.25%	-0.06%	-9.06%	9.49%	-5.19%	-50.08%

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 2021 - Limestone expenses decreased \$126.6k and Ammonia expenses increased \$10.3k.  
Tons burned decreased 8,639

January 2022 - Limestone expenses decreased \$3.4k and Ammonia expenses increased \$3.1k.  
Tons burned decreased 188

February 2022 - Limestone expenses decreased \$40.6k and Ammonia expenses increased \$5.8k.  
Tons burned decreased 2,525

March 2022 - Limestone expenses increased \$26.2k and Ammonia expenses increased \$6.9k.  
Tons burned increased 1,652.

April 2022 - Limestone expenses decreased \$8.6k and Ammonia expenses decreased \$11.2k.  
Tons burned decreased 998

May 2022 - Limestone expenses decreased \$152.7k and Ammonia expenses decreased \$28.8.  
Tons burned decreased 10,142

East Kentucky Power Cooperative, Inc.  
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Operating Expense- Limestone and Magnesium

506001 - SP21	Misc Strm Pwr Exp- Spurlock 1	Nov	Dec	Jan	Feb	Mar	Apr	May
	Magnesium Expense	\$ 20,999	\$ 2,916	\$ 641,444	\$ 168,729	\$ 187,974	\$ 173,111	\$ 184,096
	Limestone Expense	\$ 107,934	\$ 92,549	\$ 96,218	\$ 91,405	\$ -	\$ 122,565	\$ 143,168
	Limestone Tons Used	8,870	7,566	6,552	6,339	-	8,027	9,056
	Expense Dollars	\$ 128,933	\$ 95,465	\$ 737,662	\$ 260,134	\$ 187,974	\$ 295,676	\$ 327,264
	Expense Dollars Change		\$ (33,468)	\$ 642,198	\$ (477,528)	\$ (72,160)	\$ 107,702	\$ 31,588
	Percent Change		-25.96%	672.71%	-64.74%	-27.74%	57.30%	10.68%

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 2021 - Limestone expenses decreased \$15.4 and Magnesium expenses decreased \$18.1k.  
Tons burned decreased 1,304

January 2022 - Limestone expenses increased \$3.7k and Magnesium expenses increased \$638.5k.  
Tons burned decreased 1,014

February 2022 - Limestone expenses decreased \$4.8k and Magnesium expenses decreased \$472.7k.  
Tons burned decreased 213.

March 2022 - Limestone expenses decreased \$91.4k and Magnesium expenses increased \$19.2k.  
Tons burned decreased 6,339.

April 2022 - Limestone expenses increased \$122.6k and Magnesium expenses decreased \$14.9k.  
Tons burned increased 8,027.

May 2022- Limestone expenses increased \$20.6k and Magnesium expenses increased \$11k.  
Tons burned increased 1,028.

East Kentucky Power Cooperative, Inc.  
Environmental Surcharge Operating and Expense Month over Month Analysis  
For the Expense Period December 2021 to May 2022

Operating Expense-Limestone and Magnesium

506001 - SP22	Misc Strm Pwr Exp- Spurlock 2	Nov	Dec	Jan	Feb	Mar	Apr	May
	Magnesium Expense	\$ 9,629	\$ 35,818	\$ 792,538	\$ 310,157	\$ 370,519	\$ 329,438	\$ 359,988
	Limestone Expense	\$ -	\$ 16,332	\$ 195,352	\$ 169,753	\$ 201,224	\$ 248,845	\$ 265,883
	Limestone Tons Used	-	1,335	14,633	11,772	13,557	16,298	16,817
	Expense Dollars	\$ 9,629	\$ 52,150	\$ 987,890	\$ 479,910	\$ 571,743	\$ 578,283	\$ 625,871
	Expense Dollars Change		\$ 42,521	\$ 935,740	\$ (507,980)	\$ 91,833	\$ 6,540	\$ 47,588
	Percent Change		441.60%	1794.32%	-51.42%	19.14%	1.14%	8.23%

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 2021 - Limestone expenses increased \$16.3k and Ammonia expenses increased \$26.2k.  
Tons burned increased 1,335

January 2022 - Limestone expenses increased \$179k and Ammonia expenses increased by \$756.7k.  
Tons burned increased 13,298.

February 2022 - Limestone expenses decreased \$25.6k and Ammonia expenses decreased \$482.4k.  
Tons burned decreased 2,861

March 2022 - Limestone expenses increased \$31.5k and Ammonia expenses increased \$60.4k.  
Tons burned increased 1,785.

April 2022 - Limestone expenses increased \$47.6k and Ammonia expenses decreased \$41.1k.  
Tons burned increased 2,741.

May 2022 - Limestone expenses increased \$17k and Ammonia expenses increased \$30.5k.  
Tons burned increased 520.

East Kentucky Power Cooperative, Inc.  
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Operating Expense- Ammonia and Limestone

506001 - SP04	Misc Strm Pwr Exp- Spurlock 4	Nov	Dec	Jan	Feb	Mar	Apr	May
	Ammonia Expense	\$ 23,003	\$ 64,224	\$ 51,635	\$ 70,514	\$ 78,036	\$ 61,587	\$ 115,832
	Limestone Expense	\$ 224,079	\$ 381,703	\$ 303,059	\$ 316,574	\$ 351,770	\$ 381,225	\$ 469,374
	Limestone Tons Used	14,860	25,101	19,946	21,020	23,257	24,598	29,669
	Expense Dollars	\$ 247,082	\$ 445,927	\$ 354,693	\$ 387,088	\$ 429,806	\$ 442,812	\$ 585,206
	Expense Dollars Change		\$ 198,845	\$ (91,233)	\$ 32,395	\$ 42,717	\$ 13,006	\$ 142,394
	Percent Change		80.48%	-20.46%	9.13%	11.04%	3.03%	32.16%

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 2021 - Limestone expenses increased \$157.6k and Ammonia expenses increased \$41.2k.  
Tons burned increased 10,241

January 2022 - Limestone expenses decreased \$78.6k and Ammonia expenses decreased \$12.6k.  
Tons burned decreased 5,155.

February 2022 - Limestone expenses increased \$13.5k and Ammonia expenses increased \$18.9k.  
Tons burned increased 1,074.

March 2022 - Limestone expenses increased \$35.2k and Ammonia expenses increased \$7.5k.  
Tons burned increased 2,237.

April 2022 - Limestone expenses increased \$29.4k and Ammonia expenses decreased \$16.4k.  
Tons burned increased 1,341.

May 2022 - Limestone expenses increased \$88.1k and Ammonia expenses increased \$54.2k.  
Tons burned increased 5,071.