0 Interest Rate Update - June.xlsx

## East Kentucky Power Cooperative, Inc. Normalize Interest Income

2 3 4 5	Normalize Interest Income Reflects Cushion of Credit Paydown						
6 7		Balance as	Interest Rate	Test Year	Interest Rate	Normalized	
8	Investment	of 12/31/2019	as of 12/31/2019	Interest Income	as of 06/30/2021	Interest Income	
9							
10	110 T 0 ''' (0)	<b>*</b> 000 0 40 <b>7</b> 00	4.050/ .0.500/	0040.044	0.000/	000 040	11-1
11 12	U.S. Treasury Securities (2)	\$38,246,728	1.65% - 2.50%	\$843,011	0.06%	\$22,948	Updated as of June 30, 2021
	CFC Commercial Paper (2)	\$51,000,000	1.52% - 1.71%	\$1,329,436	0.10%	\$51,000	Updated as of June 30, 2021
14	C. C. Commercial Caper (2)	φο 1,000,000	110270 111 170	ψ1,020,100	0.1070	φο 1,000	
15	Money Market Funds (2):						
16	Federated Money Market Funds	\$30,000,000	1.52%	\$503,561	0.01%	\$3,000	Updated as of June 30, 2021
17	Fidelity Money Market Funds	\$30,000,000	1.54%	\$639,346	0.01%	\$3,000	Updated as of June 30, 2021
18	5						
19 20	Funds Held in Misc. Bank Accounts: (2) Money Market Deposit Account	\$5,000,000	1.50%	\$168,958	0.00%	\$0	Updated as of June 30, 2021
21	Insured Cash Sweep Account	\$5,000,000 \$5,008,501	2.00%	\$45,638	0.35%	\$17,530	Updated as of June 30, 2021
22		\$1,731,894	1.50%	\$35,818	0.01%	\$173	Updated as of June 30, 2021
23		* 1,1 0 1,00 1		****	515171	*	
24	RUS Cushion of Credit (3)	\$697,829	5.00%	\$21,310,987	4.00%	\$27,913	
25							
	CFC Securities						
27	Capital Term Certificates - Gen.	\$6,998,144	5.00%	\$349,907	5.00%	\$349,907	
28	Capital Term Certificates - CB/RUS	\$657,500	3.00%	\$19,725	3.00%	\$19,725	
29 30	Zero Term Certificates Subordinated Term Certificates	\$426,094 \$165,000	0.00% 6.59%	\$0 \$10,869	0.00% 6.59%	\$0 \$10,869	Updated as of June 30, 2021
31	Cooper Debt Service Reserve	\$1,100,000	1.98%	\$22,788	0.00%	\$22	Updated as of June 30, 2021
32	000po. 2021 0011100 11000110	ψ.,.σσ,σσσ	110070	Ψ22,7 00	0.0070	<b>4</b>	
33	Member Cooperative Marketing						
34	Loan Interest:						
35	Loan #24	\$0	1.50%	\$81	0.00%	\$0	
36	Loan #25	\$4,436	1.70%	\$99	0.00%	\$0	Updated as of June 30, 2021
37	Loan #26	\$6,782	1.80%	\$145	1.70%	\$115	
38 39	Loan #27 Loan #28	\$50,125 \$146,853	2.20% 2.80%	\$1,047 \$4,111	1.80% 2.80%	\$902 \$4,112	
40	Loan #20	ψ140,033	2.00 /6	Ψ4,111	2.00 /6	Ψ4,112	
41	Propane Loan Interest	\$411,527	5.00%	\$29,436	2.75%	\$11,317	Updated in Response to PSC DR2 Request 16a-b, filed May 28, 2021
42	•						, , , , , , , , , , , , , , , , , , , ,
43	Miscellaneous						
44	Member Late Power Bill (1)	\$0		\$7,506		\$0	
45	Interest - KY Sales Tax Refund (1)	\$0		\$1,707		\$0	
46	Interest from Investment (1)	\$0	4.070/	\$134	0.040/	\$0 *car	Hadatad as of laws 20, 2004
47 48	TVA Security Deposit - Cap. Proj. (2) Rounding Adjustment	\$667,452	1.67%	\$7,452 \$3	0.01%	\$67	Updated as of June 30, 2021
49	Rounding Adjustment			ψ3			
50	Totals	\$172,318,865		\$25,331,765		\$522,600	
51			=	· · ·	•	·	
52	Adjustment to normalize interest income					(\$24,809,165)	
53					•		
54							

0 Interest Rate Update - June.xlsx

## East Kentucky Power Cooperative, Inc. Normalize Interest Income

Reflects Cushion of Credit Paydown

55 Notes:

- (1) These items were a source of interest income during the test year but do not reflect investments.
- (2) The interest rates for these investments are established daily or monthly and fluctuate reflecting current market conditions. In order to determine a reasonable current interest rate, EKPC has applied the approach discussed in the Commission's December 5, 2007 Order in Case No. 2006-00472, specifically footnote 36. The calculation of the applicable interest rates is shown below.

2	Investment	Balance as of 06/30/2021	Interest Income for June 2021	Blended Interest Rate	Annualized Interest Rate
1					
5	U.S. Treasury Securities	\$38,875,855	\$1,914	0.005%	0.06%
6					
7	CFC Commercial Paper	\$80,000,000	\$6,434	0.008%	0.10%
3					
9	Money Market Funds	\$20,000,000	\$289	0.001%	0.01%
)					
1	Funds Held in Misc. Bank Accounts:				
2	Money Market Deposit Account	\$250,000	\$1	0.000%	0.00%
3	Insured Cash Sweep Account	\$5,001,438	\$1,438	0.029%	0.35%
1	PJM Account	\$1,738,306	\$14	0.001%	0.01%
5					
3	TVA Security Deposit - Cap. Proj.	\$1,105,553	\$9	0.001%	0.01%

(3) Changes in the balance in the Cushion of Credit account between January 1, 2020 and September 9, 2020

80		Accrued	Quarterly	Principal	
81	Date	Interest	FFB Payment	Paydown	Balance
82					
83	Beginning Balance, January 1, 2020				\$349,593,355.60
84	January 31, 2020	\$1,484,574.52			\$351,077,930.12
85	February 28, 2020	\$1,380,944.79			\$352,458,874.91
86	March 31, 2020	\$1,480,518.31	(\$40,077,552.07)		\$313,861,841.15
87	April 30, 2020	\$1,286,319.02			\$315,148,160.17
88	May 31, 2020	\$1,329,196.32			\$316,477,356.49
89	June 30, 2020	\$1,286,319.02			\$317,763,675.51
90	July 31, 2020	\$1,345,720.48			\$319,109,395.99
91	August 31, 2020	\$1,345,720.48			\$320,455,116.47
92	September 9, 2020			(\$320,149,976.61)	\$305,139.86
93	September 30, 2020	\$392,689.29			\$697,829.15
94					