P.S.C. Mo. No. 6 Sec. 4 11th Revised Sheet No. 17q

Canceling P.S.C. Mo. No. 6 Sec. 4 10th Revised Sheet No. 17q

For ALL TERRITORY

FUEL & PURCHASE POWER ADJUSTMENT CLAUSE
RIDER FAC
For service on and after December 1, 2025

	Accumulation Period Ending		August 31
1	Total Energy Cost (TEC) = (FC + PP + E – OSSR - REC)		26,134,659
2	Net Base Energy Cost (B)	-	22,278,403
	2.1 Base Factor (BF)		0.00870
	2.2 Accumulation Period NSI (S_{AP})		2,560,736,000
3	(TEC-B)		3,856,255
4	Missouri Energy Ratio (J)		88.10[1]
5	Sum of Monthly (TEC - B) * J		3,382,642[2]
6	Fuel Cost Recovery	*	95.00%
7	Sum of Monthly (TEC - B) * J * 0.95		3,213,510
8	Deferred Amount		0
9	True-Up Amount (T)	+	(1,806,161)
10	Prudence Adjustment Amount (P)	+	0
11	Interest (I)	+	211,608
12	Fuel and Purchased Power Adjustment (FPA)	=	1,618,956
13	Forecasted Missouri NSI (S_{RP})	÷	2,295,533,528
14	Current Period Fuel Adjustment Rate (FAR)	=	0.00071
15	Current Period FAR_{PRIM} = FAR x VAF_{PRIM}		0.00074
16	Current Period FAR_{SEC} = FAR x VAF_{SEC}		0.00075
17	VAF_{PRIM} = 1.0429		1.0429
18	VAF_{SEC} = 1.0625		1.0625

[1]The Missouri Energy Ratio (J), on line 4, is calculated by dividing the Missouri retail kWh sales by the Total system kWh sales for the current accumulation period as specified by the tariff.
[2]The (TEC-B)*J, on line 5, is calculated by taking the sum of (TEC-B)*J for each month of the accumulation period. Therefore, because each month is weighted differently, the amount on line 5 will not necessarily equal the product of lines three and four.

The Empire District Electric Company
Fuel Adjustment Clause
Cost Adjustment Factor Calculation
Aug 2025

		Accumulation Period							
		Mar 2025	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025	Prior Period	Total
Generation	[FC]	$ 13,380,022.67	$ 10,465,814.32	$ 11,709,638.92	$ 11,728,103.97	$ 11,681,936.54	$ 11,388,117.95		$ 70,353,634.37
Fuel - AQCS	[FC]	$ 99,601.27	$ 27,622.37	$ 80,795.70	$ 61,633.60	$ 94,485.31	$ 83,714.63		$ 447,852.88
Native Load Cost	[PP]	$ (3,350,729.45)	$ (5,820,346.90)	$ 166,032.23	$ (6,623,476.04)	$ 5,155,337.01	$ (785,915.72)		$ (11,259,098.87)
Transmission Costs	[PP]	$ 543,195.05	$ 529,165.45	$ 534,262.95	$ 655,076.80	$ 660,869.21	$ 618,292.22		$ 3,540,861.68
Net of Emission Allow.	[E]	$ -	$ -	$ -	$ -	$ -	$ -		$ -
EDE Sales	[OSSR]	$ (8,482,565.81)	$ (3,562,643.21)	$ (7,933,468.35)	$ (2,631,552.04)	$ (7,960,191.92)	$ (4,374,044.04)		$ (34,944,465.37)
Renewable Energy Credit Revenues	[REC]	$ (387,125.00)	$ (105,000.00)	$ (186,000.00)	$ (187,500.00)	$ (210,000.00)	$ (928,501.19)		$ (2,004,126.19)
Total Energy Cost		$ 1,802,398.73	$ 1,534,612.03	$ 4,371,261.45	$ 3,002,286.29	$ 9,422,436.15	$ 6,001,663.85		$ 26,134,658.50
Net Base Energy Rate		0.00870	0.00870	0.00870	0.00870	0.00870	0.00870		
NSI kwh		377,581,000	349,961,000	357,297,000	445,866,000	539,275,000	490,756,000		2,560,736,000
Base Energy Cost	(B)	$ 3,284,954.70	$ 3,044,660.70	$ 3,108,483.90	$ 3,879,034.20	$ 4,691,692.50	$ 4,269,577.20		$ 22,278,403.20
Missouri Retail kwh Sales		312,938,252	287,996,181	293,427,296	365,798,334	443,277,419	406,346,021		2,109,783,503
Total System kwh Sales		353,165,849	326,738,750	334,055,953	417,099,430	505,065,964	458,574,920		2,394,700,866
Missouri Energy Ratio	(J)	0.8861	0.8814	0.8784	0.8770	0.8777	0.8861		
Fuel & PP Cost Recovery (Over)/Under {[(FC + PP + E - OSSR - REC - B) * J] * 0.95}		$ (1,248,008.20)	$ (1,264,409.05)	$ 1,053,762.61	$ (730,462.52)	$ 3,944,565.02	$ 1,458,061.88		$ 3,213,509.74
Prior Period Adjustment									$ -
(Over)/Under Adjustment	(T)							$ (1,806,160.93)	$ (1,806,160.93)
Interest (Expense)/Income	(I)	$ 44,568.54	$ 36,470.08	$ 36,882.21	$ 27,473.16	$ 34,376.16	$ 31,837.52		$ 211,607.67
Fuel & Purchased Power Adjustment {[(FC + PP + E - OSSR - REC - B) * J] * 0.95} + T + I + P	(FPA)	$ (1,203,439.66)	$ (1,227,938.97)	$ 1,090,644.82	$ (702,989.36)	$ 3,978,941.18	$ 1,489,899.40	$ (1,806,160.93)	$ 1,618,956.48
For Recovery Period									
Forecasted NSI kwh	a								2,593,645,000
Forecasted Missouri Retail kwh Sales	b								2,155,316,000
Forecasted Total System kwh Sales	c								2,435,218,000
Forecasted Missouri Ratio									88.51%
Forecasted Missouri NSI kwh (S)=a*(b/c)	(S)								2,295,533,528
Cost Adjustment Factor (FAR=FPA./S)	(FAR)								0.00071
FAR - Primary and above									0.00074
Primary Expansion Factor	1.0429								
FAR - Secondary									0.00075
Secondary Expansion Factor	1.0625								