THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. ____6____ Sec. ____4____ ___7th___ Revised Sheet No.___17q_

Canceling P.S.C. Mo. No.____6____ Sec. ____4____ ___6th___ Revised Sheet No. __17q__

For ___ALL TERRITORY___

	FUEL & PURCHASE POWER ADJUSTMENT CLAUSE RIDER FAC For service on and after December 1, 2023

	Accumulation Period Ending		August 31
1	Total Energy Cost (TEC) = (FC + PP + E – OSSR - REC)		37,311,556
2	Net Base Energy Cost (B)	-	22,738,633
	2.1 Base Factor (BF)		0.00870
	2.2 Accumulation Period NSI (S_{AP})		2,613,636,000
3	(TEC-B)		14,572,923
4	Missouri Energy Ratio (J)		88.03[1]
5	Sum of Monthly (TEC - B) * J		12,814,303[2]
6	Fuel Cost Recovery	*	95.00%
7	Sum of Monthly (TEC - B) * J * 0.95		12,173,588
8	Deferred Amount		0
9	True-Up Amount (T)	+	3,013,909
10	Prudence Adjustment Amount (P)	+	0
11	Interest (I)	+	751,953
12	Fuel and Purchased Power Adjustment (FPA)	=	15,892,251[3]
13	Forecasted Missouri NSI (S_{RP})	÷	2,322,770,266
14	Current Period Fuel Adjustment Rate (FAR)	=	0.00684
15	Current Period FAR_{PRIM} = FAR x VAF_{PRIM}		0.00714
16	Current Period FAR_{SEC} = FAR x VAF_{SEC}		0.00727
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.
[3]The Fuel and Purchased Power Adjustment (FPA), on line 12, is calculated by taking the sum of lines 7, 9 and 11 for each month of the accumulation period. Because there was a prior period adjustment included in the accumulation period for April 2023, the sum of lines 7, 9 and 11 will not equal line 12.