

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 1st Sheet No. 17k

Canceling P.S.C. Mo. No. 5 Sec. 4 Original Sheet No. 17k

For ALL TERRITORY

<p>FUEL ADJUSTMENT CLAUSE SCHEDULE FAC For service on and after June 15, 2011.</p>	
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ACCUMULATION PERIOD ENDING, (Aug 31, 2011)

1. Total energy cost (F + P + E – O - R)	\$92,165,823
2. Base energy cost (B)	\$81,456,890
3. Missouri energy ratio (J)	0.8115
4. Fuel cost recovery [(F + P + E – O - R) – B] * J * 0.95	\$8,254,744
5. Adj for over/under recovery for the recovery period ending 05-31-2011 (C)	\$236,340
6. Interest (I)	\$32,090
7. Fuel Adjustment Clause (FAC)	\$8,523,174
8. Forecasted Missouri NSI for the recovery period (S)	2,191,657,650
9. Cost Adjustment Factor (CAF) to be applied to bills beginning 12-01-2011	\$0.00389 / kWh
10. CAF - Primary and above (Line 9 x Primary Expansion Factor)	\$0.00409 / kWh
11. CAF - Secondary (Line 9 x Secondary Expansion Factor)	\$0.00417 / kWh

Primary Expansion Factor = 1.0502
Secondary Expansion Factor = 1.0686

**The Empire District Electric Company
Fuel Adjustment Clause
Cost Adjustment Factor Calculation
For Accumulation Period Ending August 2011**

		Accumulation Period								
		Mar 11	April 11	May 11	June 1-14	June 15-30	July 11	August 11	Total	
Fuel	[F]	\$ 9,853,092.53	\$ 6,369,394.74	\$ 7,618,527.97	\$ 6,138,572.03	\$ 6,693,531.97	\$ 17,719,786.85	\$ 15,872,496.18	\$ 70,265,402.27	
Fuel - AQCS	[F]	\$ 143,142.70	\$ 87,604.86	\$ 84,442.12	\$ 54,752.54	\$ 62,565.96	\$ 225,176.93	\$ 159,574.02	\$ 817,259.13	
Fuel - Iatan II	[F]	\$ (644,785.70)	\$ (995,452.79)	\$ (1,095,556.91)	\$ (495,979.35)	\$ -			\$ (3,231,774.75)	
Purchased Power	[P]	\$ 4,709,307.76	\$ 5,903,916.49	\$ 5,438,772.56	\$ 2,076,332.06	\$ 2,372,633.14	\$ 4,384,419.50	\$ 5,047,017.15	\$ 29,932,398.66	
Purchased Power - Iatan II	[P]	\$ 1,239,508.25	\$ 2,134,052.96	\$ 2,391,884.28	\$ 1,113,753.65	\$ -			\$ 6,879,199.14	
Off-System Sales Revenue	[O]	\$ 3,115,493.81	\$ 1,685,719.26	\$ 1,391,812.97	\$ 1,086,569.34	\$ 1,241,627.23	\$ 1,562,416.90	\$ 1,678,424.94	\$ 11,762,064.45	
Net of Emission Allow.	[E]	\$ -	\$ (413.71)	\$ -	\$ -				\$ (413.71)	
Renewable Energy Credit Revenues	[R]	\$ 126,330.12	\$ 143,620.76	\$ 120,128.58	\$ 53,845.29	\$ 61,529.24	\$ 161,471.46	\$ 67,257.61	\$ 734,183.06	
Total Energy Cost		\$ 12,058,441.61	\$ 11,669,762.53	\$ 12,926,128.47	\$ 7,747,016.30	\$ 7,825,574.60	\$ 20,605,494.92	\$ 19,333,404.80	\$ 92,165,823.23	
June - September rate		\$ 0.03182	\$ 0.03182	\$ 0.03182	\$ 0.03182	\$ 0.02823	\$ 0.02823	\$ 0.02823		
October - May rate		\$ 0.02857	\$ 0.02857	\$ 0.02857	\$ 0.02857	\$ 0.02823	\$ 0.02823	\$ 0.02823		
NSI kwh		425,230,000	362,850,000	386,866,000	235,807,642	269,458,358	599,668,000	561,454,000	2,841,334,000	
Base Energy Cost	(B)	\$ 12,148,821.10	\$ 10,366,624.50	\$ 11,052,761.62	\$ 7,503,399.17	\$ 7,606,809.45	\$ 16,928,627.64	\$ 15,849,846.42	\$ 81,456,889.90	
Missouri Retail kwh Sales		322,512,796	275,155,694	287,048,340	177,697,572	203,055,743	454,416,107	423,425,690	2,143,311,942	
Total System kwh Sales		395,804,086	338,176,194	357,574,804	219,489,755	250,811,841	557,271,469	521,927,640	2,641,055,789	
Missouri Energy Ratio	(J)	0.8148	0.8136	0.8028	0.8096	0.8096	0.8154	0.8113	0.8115	
Fuel Cost Recovery (Over)/Under {[(F + P + E - O - R - B) * J] * 0.95}		\$ (69,959.15)	\$ 1,007,221.45	\$ 1,428,741.96	\$ 187,370.81	\$ 168,256.65	\$ 2,848,211.70	\$ 2,684,900.37	\$ 8,254,743.79	
Over/Under Adjustment	(C)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 236,339.86	\$ 236,339.86	
Interest (Expense)/Income	(I)	\$ 2,416.66	\$ 3,712.10	\$ 2,525.29		\$ 4,751.48	\$ 8,125.83	\$ 10,558.67	\$ 32,090.03	
Fuel Adjustment Clause [(F+P+O+E)-B]*J + C + I	(FAC)	\$ (67,542.49)	\$ 1,010,933.55	\$ 1,431,267.25	\$ 187,370.81	\$ 173,008.13	\$ 2,856,337.53	\$ 2,931,798.90	\$ 8,523,173.68	
For Recovery Period										
Forecasted NSI kwh	a								2,662,812,868	
Forecasted Missouri Retail kwh Sales	b								2,041,332,431	
Forecasted Total System kwh Sales	c								2,480,171,237	
Forecasted Missouri Ratio									82.31%	
Forecasted Missouri NSI kwh (S)=a*(b/c)	(S)								2,191,657,650	
Cost Adjustment Factor (CAF=FAC/S)	(CAF)								0.00389	
CAF - Primary and above									0.00409	
Primary Expansion Factor	1.0502									
CAF - Secondary									0.00417	
Secondary Expansion Factor	1.0686									