P.S.C. Mo. No.	5	Sec.	4	2nd	Revised Sheet No.	17c
Canceling P.S.C. Mo. No.	5	Sec.	4	1st	Revised Sheet No.	17c

For ALL TERRITORY

FUEL ADJUSTMENT CLAUSE
SCHEDULE FAC

ACCUMULATION PERIOD ENDING, Feb-28-2009

1.	Total energy cost (F + P + E - O)	$74,904,898
2.	Base energy cost (B)	$75,974,254
3.	Missouri Energy Ratio (J)	0.8205
4.	Fuel Cost Recovery [(F + P + E - O) – B] * J	$ (832,640)
5.	Adj for Over/Under recovery for the Recovery period ending 00-00-0000 (C)	$0
6.	Interest (I)	$12,197
7.	Fuel Adjustment Clause (FAC)	$ (820,443)
8.	Forecasted Missouri NSI for the Recovery Period (S)	2,238,156,299
9.	Cost Adjustment Factor (CAF) to be applied to bills beginning 00-00-0000	$(0.00037) / kWh
10.	CAF - Primary and above (Line 9 x Primary Expansion Factor)	$(0.00039) / kWh
11.	CAF - Seconday (Line 9 x Secondary Expansion Factor)	$(0.00040) / kWh

Primary Expansion Factor = 1.0520
Secondary Expansion Factor = 1.0728

DATE OF ISSUE October 1, 2009 DATE EFFECTIVE December 1, 2009
ISSUED BY Kelly S. Walters, Vice President, Joplin, MO

The Empire District Electric Company
Fuel Adjustment Clause
Cost Adjustment Factor Calculation
For Accumulation Period Ending August 2009

		Accumulation Period						
		MAR 09	**APR 09**	**MAY 09**	**JUN 09**	**JUL 09**	**AUG 09**	**Total**
Fuel	(F)	$ 6,917,762.37	$ 4,701,915.75	$ 4,239,756.02	$ 9,363,704.61	$ 11,242,926.77	$ 9,944,727.35	$ 46,410,792.87
Purchased Power	(P)	$ 5,896,678.41	$ 4,968,691.31	$ 4,589,063.24	$ 4,392,980.11	$ 4,429,943.69	$ 4,916,019.87	$ 29,193,376.63
Off-System Sales Margin	(O)	$ 139,387.08	$ 33,518.48	$ (17,681.13)	$ 185,714.16	$ 180,897.63	$ 164,662.47	$ 686,498.69
Net of Emission Allow.	(E)	$ -	$ -	$ (12,773.21)	$ -	$ -	$ -	$ (12,773.21)
Total Energy Cost		$ 12,675,053.70	$ 9,637,088.58	$ 8,833,727.18	$ 13,570,970.56	$ 15,491,972.83	$ 14,696,084.75	$ 74,904,897.60
June - September rate		$ 0.03001	$ 0.03001	$ 0.03001	$ 0.03001	$ 0.03001	$ 0.03001	
October - May rate		$ 0.02744	$ 0.02744	$ 0.02744	$ 0.02744	$ 0.02744	$ 0.02744	
NSI kwh		415,642,000	378,649,000	376,820,000	487,033,000	490,918,000	482,861,000	2,631,923,000
Base Energy Cost	(B)	$ 11,405,216.48	$ 10,390,128.56	$ 10,339,940.80	$ 14,615,860.33	$ 14,732,449.18	$ 14,490,658.61	$ 75,974,253.96
Missouri Retail kwh Sales		319,280,982	288,281,023	287,595,383	372,891,606	371,798,945	369,764,677	2,009,612,616
Total System kwh Sales		386,796,448	352,370,761	351,196,240	452,064,029	456,946,480	449,929,877	2,449,303,835
Missouri Energy Ratio	(J)	0.8254	0.8181	0.8189	0.8249	0.8137	0.8218	0.8205
Fuel Cost Recovery (Over)/Under [((F+P-O+E)-B)*J)*.95]		$ 995,717.46	$ (585,258.91)	$ (1,171,766.42)	$ (818,833.09)	$ 587,123.17	$ 160,378.24	$ (832,639.55)
Over/Under Adjustment	(C)	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Interest (Expense)/Income	(I)	$ 3,986.27	$ 4,078.95	$ 2,488.93	$ 848.32	$ 384.28	$ 409.76	$ 12,196.51
Fuel Adjustment Clause [(F+P+O+E)-B]*J] + C + I	(FAC)	$ 999,703.73	$ (581,179.96)	$ (1,169,277.49)	$ (817,984.77)	$ 587,507.45	$ 160,788.00	$ (820,443.04)
For Recovery Period								
Forecasted NSI kwh	a							2,692,470,000
Forecasted Missouri Retail kwh Sales	b							2,090,438,000
Forecasted Total System kwh Sales	c							2,514,767,000
Forecasted Missouri Ratio								83.13%
Forecasted Missouri NSI kwh (S)=a*(b/c)	(S)							2,238,156,299
Cost Adjustment Factor (CAF=FAC/S) Applied to kilowatt-hour usage on and after	(CAF) 12/1/2009							-0.00037
CAF - Primary and above								-0.00039
Primary Expansion Factor	1.0520							
CAF - Secondary								-0.00040
Secondary Expansion Factor	1.0728							