THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No.	5	Sec.	4	1st	Revised Sheet No.	17g
Canceling P.S.C. Mo. No.	5	Sec.	4	Original	Sheet No.	17g

For ALL TERRITORY

FUEL ADJUSTMENT CLAUSE
SCHEDULE FAC
For service in Accumulation Periods after September 10, 2010; and for service in that portion of Accumulation Period 5 on and after September 10, 2010.

ACCUMULATION PERIOD ENDING, (Feb 28, 2011)

1.	Total energy cost (F + P + E – O - R)	$80,289,219
2.	Base energy cost (B)	$78,376,098
3.	Missouri energy ratio (J)	0.8228
4.	Fuel cost recovery [(F + P + E – O - R) – B] * J * 0.95	$1,524,771
5.	Adj for over/under recovery for the recovery period ending 11-30-2010(C)	$319,884
6.	Interest (I)	$28,743
7.	Fuel Adjustment Clause (FAC)	$1,873,398
8.	Forecasted Missouri NSI for the recovery period (S)	2,286,745,550
9.	Cost Adjustment Factor (CAF) to be applied to bills beginning 06-01-2011	$0.00082 / kWh
10.	CAF - Primary and above (Line 9 x Primary Expansion Factor)	$0.00086 / kWh
11.	CAF - Secondary (Line 9 x Secondary Expansion Factor)	$0.00088 / kWh

Primary Expansion Factor = 1.0502
Secondary Expansion Factor = 1.0686

DATE OF ISSUE April 1, 2011 DATE EFFECTIVE June 1, 2011
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 February 2011

		Accumulation Period							
		SEP 1-9	**SEP 10-30**	**OCT 10**	**NOV 10**	**DEC 10**	**JAN 11**	**FEB 11**	**Total**
Fuel	[F]	$ 2,549,683.41	$ 6,391,224.35	$ 8,650,710.70	$ 7,243,507.20	$ 11,560,766.61	$ 12,816,316.49	$ 10,375,750.96	$ 59,587,959.72
Fuel - AQCS	[F]	$ -	$ 65,150.95	$ 68,055.49	$ 99,052.54	$ 124,757.44	$ 186,055.15	$ 138,947.26	$ 682,018.83
Fuel - Iatan II		$ (119,093.04)	$ (281,174.19)	$ (579,570.75)	$ (701,114.51)	$ (527,703.86)	$ (582,344.89)	$ (803,797.99)	$ (3,594,799.23)
Purchased Power	[P]	$ 1,191,783.94	$ 3,192,950.63	$ 3,403,869.27	$ 4,759,357.96	$ 4,029,631.89	$ 4,762,493.17	$ 5,045,969.50	$ 26,386,056.36
Purchased Power - Iatan II		$ 224,720.76	$ 524,348.43	$ 1,007,869.60	$ 1,790,972.55	$ 2,427,884.51	$ 1,998,113.16	$ 2,171,171.72	$ 10,145,080.73
Off-System Sales Revenue	[O]	$ (105,671.45)	$ 720,344.07	$ 2,361,549.57	$ 1,767,282.45	$ 2,472,545.22	$ 2,572,784.96	$ 2,448,306.71	$ 12,237,141.53
Net of Emission Allow.	[E]	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Renewable Energy Credit Revenues	[R]	$ -	$ 78,006.88	$ 128,198.66	$ 146,090.88	$ 11,938.67	$ 180,481.26	$ 135,239.61	$ 679,955.96
Total Energy Cost		$ 3,952,766.52	$ 9,094,149.22	$ 10,061,186.08	$ 11,278,402.41	$ 15,130,852.70	$ 16,427,366.86	$ 14,344,495.13	$ 80,289,218.92
June - September rate		$ 0.03001	$ 0.03182	$ 0.03182	$ 0.03182	$ 0.03182	$ 0.03182	$ 0.03182	
October - May rate		$ 0.02744	$ 0.02857	$ 0.02857	$ 0.02857	$ 0.02857	$ 0.02857	$ 0.02857	
NSI kwh		129,250,800	301,585,200	369,602,000	395,779,000	509,228,000	537,412,000	459,622,000	2,702,479,000
Base Energy Cost	(B)	$ 3,878,816.51	$ 9,596,441.06	$ 10,559,529.14	$ 11,307,406.03	$ 14,548,643.96	$ 15,353,860.84	$ 13,131,400.54	$ 78,376,098.08
Missouri Retail kwh Sales		97,612,691	227,762,945	279,264,515	301,852,676	394,405,262	416,283,291	353,950,909	2,071,132,289
Total System kwh Sales		120,474,669	281,107,561	344,616,907	368,668,138	473,105,981	500,169,346	429,011,177	2,517,153,779
Missouri Energy Ratio	(J)	0.8102	0.8102	0.8104	0.8188	0.8337	0.8323	0.8250	0.8228
Fuel Cost Recovery (Over)/Under {[(F + P + E - O - R - B) * J] * 0.95}		$ 56,918.58	$ (386,609.01)	$ (383,664.36)	$ (22,560.76)	$ 461,118.06	$ 848,805.11	$ 950,762.88	$ 1,524,770.50
Over/Under Adjustment	(C)	$ -	$ -	$ -	$ -	$ -	$ -	$ 319,884.34	$ 319,884.34
Interest (Expense)/Income	(I)	$ -	$ 6,339.48	$ 5,405.45	$ 4,102.88	$ 4,505.54	$ 4,225.86	$ 4,163.88	$ 28,743.09
Fuel Adjustment Clause [(F+P+O+E)-B]*J] + C + I	(FAC)	$ 56,918.58	$ (380,269.53)	$ (378,258.91)	$ (18,457.88)	$ 465,623.60	$ 853,030.97	$ 1,274,811.10	$ 1,873,397.93

For Recovery Period		
Forecasted NSI kwh	a	2,780,827,000
Forecasted Missouri Retail kwh Sales	b	2,135,820,000
Forecasted Total System kwh Sales	c	2,597,292,000
Forecasted Missouri Ratio		82.23%
Forecasted Missouri NSI kwh (S)=a*(b/c)	(S)	2,286,745,550
Cost Adjustment Factor (CAF=FAC/S)	(CAF)	0.00082
CAF - Primary and above		0.00086
Primary Expansion Factor	1.0502	
CAF - Secondary		0.00088
Secondary Expansion Factor	1.0686	