The Empire District Electric Company
Analysis of Energy Costs
Case No. ER-2008-0093

Rebuttal Schedule
WSK-1

Monthly Data from Missouri Rate Case PROSYM Run (Filed Position - Customers as of June 2007 and 6.91 $/MMBtu average natural gas price)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Total FPP$ NSI with Demand	13,356,795	16,021,150	15,885,280	12,125,989	12,351,385	14,567,779	18,303,062	18,190,593	12,657,027	11,885,636	11,247,429	15,440,059	172,032,185
Purchase Demand Chg	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	16,193,520
NSI FPP$ Cost w/o Dmd	12,007,335	14,671,690	14,535,820	10,776,529	11,001,925	13,218,319	16,953,602	16,841,133	11,307,567	10,536,176	9,897,969	14,090,599	155,838,665
NSI Energy MWh	468,908	490,118	430,790	359,779	416,374	450,525	539,910	545,535	419,832	400,473	405,407	497,743	5,425,392
$/MWh with Demand	28.48	32.69	36.87	33.70	29.66	32.34	33.90	33.34	30.15	29.68	27.74	31.02	31.71
$/MWh without Demand	25.61	29.93	33.74	29.95	26.42	29.34	31.40	30.87	26.93	26.31	24.41	28.31	28.72
Cost 6-month accum period-Sept-Feb													$ 72,511,337
Sales 6-month accum period-Sept-Feb													2,682,480
Average cost													27.03
Cost 6-month accum period-Mar-Aug													$ 83,327,329
Sales 6-month accum period-Mar-Aug													2,742,912
Average cost													30.38

Monthly Data from Missouri Rate Case PROSYM Run (Extreme Summer/Mild Winter - Customers as of June 2007 and 6.83 $/MMBtu average natural gas price)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Total FPP$ NSI with Demand	14,625,774	13,214,143	15,848,983	12,486,933	11,885,481	16,860,589	22,633,942	22,033,852	13,709,218	11,685,161	11,374,543	13,150,011	179,508,629
Purchase Demand Chg	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	16,193,520
NSI FPP$ Cost w/o Dmd	13,276,314	11,864,683	14,499,523	11,137,473	10,536,021	15,511,129	21,284,482	20,684,392	12,359,758	10,335,701	10,025,083	11,800,551	163,315,109
NSI Energy MWh	501,298	429,736	430,411	379,038	410,215	494,910	617,127	611,781	448,772	403,782	417,942	461,205	5,606,218
$/MWh with Demand	29.18	30.75	36.82	32.94	28.97	34.07	36.68	36.02	30.55	28.94	27.22	28.51	32.02
$/MWh without Demand	26.48	27.61	33.69	29.38	25.68	31.34	34.49	33.81	27.54	25.60	23.99	25.59	29.13
Cost 6-month accum period-Sept-Feb													$ 69,662,089
Sales 6-month accum period-Sept-Feb													2,662,735
Average cost													26.16
Cost 6-month accum period-Mar-Aug													$ 93,653,020
Sales 6-month accum period-Mar-Aug													2,943,483
Average cost													31.82

Monthly Data from Missouri Rate Case PROSYM Run (Extreme Winter/Mild Summer - Customers as of June 2007 and 6.98 $/MMBtu average natural gas price)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Total FPP$ NSI with Demand	19,279,000	16,134,053	15,858,263	12,486,942	11,885,494	14,481,351	18,485,258	15,526,138	13,693,527	11,685,174	11,374,556	15,488,336	176,378,093
Purchase Demand Chg	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	16,193,520
NSI FPP$ Cost w/o Dmd	17,929,540	14,784,593	14,508,803	11,137,482	10,536,034	13,131,891	17,135,798	14,176,678	12,344,067	10,335,714	10,025,096	14,138,876	160,184,573
NSI Energy MWh	589,229	482,917	430,411	379,038	410,215	452,495	547,025	496,018	448,772	403,782	417,942	503,015	5,560,859
$/MWh with Demand	32.72	33.41	36.84	32.94	28.97	32.00	33.79	31.30	30.51	28.94	27.22	30.79	31.72
$/MWh without Demand	30.43	30.62	33.71	29.38	25.68	29.02	31.33	28.58	27.51	25.60	23.99	28.11	28.81
Cost 6-month accum period-Sept-Feb													$ 79,557,887
Sales 6-month accum period-Sept-Feb													2,845,657
Average cost													27.96
Cost 6-month accum period-Mar-Aug													$ 80,626,686
Sales 6-month accum period-Mar-Aug													2,715,201
Average cost													29.69