

**% of Energy Costs by Fuel Type and Purchased Power
(Test Year)**

****Highly Confidential in its Entirety****

FILED
June 4, 2008
Data Center
Missouri Public
Service Commission

9NUP

NP

Empire Exhibit No. 9NUP
Case No(s) ER-2008-0093
Date 5-12-08 Rptr XF

% of Hours Each Source is the Marginal Unit
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Annual Fuel Cost Volatility

<u>Account</u>	<u>July 1999 through June 2000</u>	<u>July 2000 through June 2001</u>	<u>July 2001 through June 2002</u>	<u>July 2002 through June 2003</u>	<u>July 2003 through June 2004</u>	<u>July 2004 through June 2005</u>	<u>July 2005 through June 2006</u>
501	27,103,662	29,977,973	25,060,762	26,687,913	30,535,266	30,733,167	** _____ **
547	17,364,146	21,684,495	36,549,011	19,829,818	35,011,038	46,624,706	** _____ **
555	50,958,456	72,145,963	55,928,564	67,056,391	53,065,722	50,182,692	** _____ **
Total	95,426,265	123,808,430	117,538,337	113,574,122	118,612,027	127,540,565	** _____ **

Fuel Price Volatility

Empire Fuel Costs per MMBTU

	2006	2005	2004
Coal — Iatan	\$ 0.793	\$ 0.786	\$ 0.726
Coal — Asbury	1.402	1.322	1.179
Coal — Riverton	1.458	1.391	1.309
Natural Gas	7.276	7.208	4.451
Oil	6.551	5.893	6.842

TOTAL FUEL USE & COSTS FOR NSI BY PLANT
Highly Confidential in its Entirety

Schedule HEO-9

BASIC OPERATING DATA
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