

# KANSAS CITY POWER & LIGHT COMPANY

## Class Cost of Service Study at Present Rates for Missouri Customers Average & Excess - 3NCP - Scenario For the Test Year Ended September 30, 2005 (Dollars in Thousands)

Line	Description	Allocators	Missouri Retail (1)	Residential (2)	Small General Service (3)	Medium General Service (4)	Large General Service (5)	Large Power Service (6)	Off Peak Lighting (7)	Other Lighting (8)
<b>Summary of Results</b>										
	DEVELOPMENT OF RATE BASE									
1	PLANT IN SERVICE		\$ 2,647,510	\$ 1,188,222	\$ 204,241	\$ 317,069	\$ 506,516	\$ 417,019	\$ -	\$ 14,443
2	LESS: RESERVE FOR DEPRECIATION		1,209,961	536,549	90,418	143,520	233,289	198,592	-	7,592
3	NET PLANT IN SERVICE		1,437,549	651,673	113,823	173,549	273,226	218,427	-	6,850
4	RATE BASE ADDITIONS		70,755	27,417	4,468	8,197	15,359	14,668	-	646
5	RATE BASE DEDUCTIONS		336,272	146,982	26,636	40,110	65,393	55,393	-	1,758
6	TOTAL RATE BASE		1,172,031	532,108	91,654	141,636	223,192	177,702	-	5,738
	Operating Revenues:									
7	Adjusted Sales Revenues		483,656	171,390	36,586	62,431	108,729	98,464	-	6,057
8	Other Revenues		101,743	32,652	5,743	11,948	24,916	25,631	-	854
9	Total Operating Revenue		585,399	204,042	42,328	74,379	133,645	124,094	-	6,910
10	OPERATING EXPENSES									
11	OPERATION & MAINTENANCE		361,899	141,529	23,196	41,395	77,693	74,164	-	3,922
12	DEPRECIATION & AMORT EXPENSE		69,798	31,699	5,631	8,202	12,841	10,512	-	914
13	Interest on Customer Deposits		469	263	171	29	5	1	-	-
14	TAXES OTHER THAN INCOME TAX		34,369	15,432	2,624	4,092	6,570	5,437	-	214
15	KCMO Earnings Tax		867	394	68	105	166	130	-	4
16	Federal And State Income Taxes		31,075	14,244	2,484	3,778	5,885	4,525	-	159
17	TOTAL OPERATING EXPENSES		498,477	203,562	34,174	57,600	103,159	94,769	-	5,213
18	OPERATING INCOME		\$ 86,922	\$ 480	\$ 8,155	\$ 16,779	\$ 30,486	\$ 29,326	\$ -	\$ 1,697
19	RATE OF RETURN		7.42%	0.09%	8.90%	11.85%	13.66%	16.50%		29.57%
20	INDEX RATE OF RETURN		100	1	120	160	184	223		399
21	Subsidies	1.000000	\$ -	\$ (38,983)	\$ 1,357	\$ 6,275	\$ 13,933	\$ 16,147	\$ -	\$ 1,271
22	Change Needed to Equalize ROR		\$ -	\$ 38,983	\$ (1,357)	\$ (6,275)	\$ (13,933)	\$ (16,147)	\$ -	\$ (1,271)
23	Percent of Sales Revenue		0.00%	22.75%	-3.71%	-10.05%	-12.81%	-16.40%		-20.99%