

KANSAS CITY POWER & LIGHT COMPANY
Capitalization
At December 31, 2006 (Est.)

(\$ in 000's)

<u>CAPITAL COMPONENT</u>	<u>AMOUNT</u>	<u>PERCENT</u>	<u>REQUIRED RETURN</u>	<u>WEIGHTED RETURN</u>
Long-Term Debt (Note 1)	979,187	41.45%	5.82%	2.41%
Preferred Stock	0	0.00%	0.00%	0.00%
Common Equity before Adjustment	1,383,293			
Equity Adjustment for OCI Related to Pension	0			
Adjusted Common Equity	1,383,293	58.55%	11.25%	6.59%
Total	<u>\$2,362,480</u>	<u>100.00%</u>		<u>9.00%</u>

Note 1: Includes amounts classified as current liabilities.

GREAT PLAINS ENERGY INCORPORATED
Capitalization
At December 31, 2006 (Est.)

(\$ in 000's)

<u>CAPITAL COMPONENT</u>	<u>AMOUNT</u>	<u>PERCENT</u>	<u>REQUIRED RETURN</u>	<u>WEIGHTED RETURN</u>
Long-Term Debt (Note 1)	1,143,644	44.52%	6.16%	2.74%
Preferred Stock	39,000	1.52%	4.29%	0.07%
Common Equity before Adjustment	1,338,614			
Equity Adjustment for All OCI	(47,673)			
Adjusted Common Equity	1,386,288	53.96%	11.25%	6.07%
Total	<u>\$2,568,931</u>	<u>100.00%</u>		<u>8.88%</u>

Note 1: Includes amounts classified as current liabilities.

KANSAS CITY POWER & LIGHT COMPANY AND GREAT PLAINS ENERGY

Weighted Average Cost of Long-Term Debt Capital

At December 31, 2006 (Est.)

Line	Issue	(a) Initial Offering	(b) Date of Offering	(c) Date of Maturity	(d) Price to Public	(e) Underwriters Discounts & Commissions	(f) Issuance Expense	(g) Net Proceeds to Company	(h) Cost to Company	(i) Long-term Debt Capital Outstanding	(j) Annual Cost of Long-term Debt Capital
KANSAS CITY POWER & LIGHT ONLY											
General Mortgage Bonds											
1	Medium Term Notes - Series C (1)	\$150,000,000	Various	Various	\$150,000,000	\$968,050	\$572,926 (2)	\$148,459,024	8.085%	\$500,000	\$40,427
Pledged General Mortgage Bonds											
2	EIRR 1992 Series	\$31,000,000	9/15/1992	7/1/2017					3.834%	\$31,000,000	\$1,188,540
3	EIRR Hawthorn 1993 Series - 4.0% Coupon	\$12,366,000	10/14/1993	1/2/2012					4.202%	\$12,366,000	\$519,619
4	MATES Series 1993-A	\$40,000,000	12/7/1993	12/1/2023					3.791%	\$40,000,000	\$1,516,400
5	MATES Series 1993-B	\$39,480,000	12/7/1993	12/1/2023					3.747%	\$39,480,000	\$1,479,316
6	EIRR La Cygne 1994 Series - 4.05% Coupon	\$13,982,500	2/23/1994	3/1/2015					4.245%	\$13,982,000	\$593,536
7	EIRR La Cygne 1994 Series - 4.65% Coupon	\$21,940,000	2/23/1994	9/1/2035					4.813%	\$21,940,000	\$1,055,972
Unsecured Notes											
8	Senior Notes Due 2007 - 6% (3)	\$225,000,000	3/13/2002	3/15/2007	\$224,538,750	\$1,350,000	\$327,659	\$222,861,091	6.176%	\$225,000,000	\$13,895,925
9	Senior Notes Due 2011 - 6.5% Coupon (4)	\$150,000,000	3/20/2001	11/15/2011	\$150,000,000	\$1,198,500	\$50,000	\$148,751,500	6.615%	\$150,000,000	\$9,922,646
10	Senior Notes Due 2035 - 6.05% Coupon (5)	\$250,000,000	11/17/2005	11/15/2035	\$250,000,000	\$2,187,500	\$150,000	\$247,662,500	6.118%	\$250,000,000	\$15,296,070
Environmental Improvement Revenue Refunding Bonds											
11	Series 1998-A Due 2015-4.75% Coupon	\$56,500,000	8/11/1998	9/1/2015					4.776%	\$56,500,000	\$2,698,440
12	Series 1998-B Due 2015-4.75% Coupon	\$50,000,000	8/11/1998	9/1/2015					4.774%	\$50,000,000	\$2,387,000
13	Series 1998-C Due 2017-4.65% Coupon	\$50,000,000	8/11/1998	9/1/2035					4.837%	\$50,000,000	\$2,418,500
14	Series 1998-D Due 2017-4.75% Coupon	\$40,000,000	8/11/1998	10/1/2017					4.774%	\$40,000,000	\$1,909,744
Other Long-Term Debt											
15	Unamortized Discount on Senior Notes									(\$1,580,509)	\$0
16	Loss/(Gain) on Reacquired Debt									\$0	\$690,325
17	Weighted Cost of Interest Rate Management Products									\$0	\$1,334,656
18	Total KCP&L Long-Term Debt Capital									\$979,187,491	\$56,947,117
19	KCP&L Weighted Avg. Cost of Long-Term Debt Capital								5.816%		

KANSAS CITY POWER & LIGHT COMPANY AND GREAT PLAINS ENERGY

Weighted Average Cost of Long-Term Debt Capital

At December 31, 2006 (Est.)

Line	Issue	(a) Initial Offering	(b) Date of Offering	(c) Date of Maturity	(d) Price to Public	(e) Underwriters Discounts & Commissions	(f) Issuance Expense	(g) Net Proceeds to Company	(h) Cost to Company	(i) Long-term Debt Capital Outstanding	(j) Annual Cost of Long-term Debt Capital
GREAT PLAINS ENERGY ONLY											
<u>Unsecured Notes</u>											
1	FELINE PRIDES	\$163,600,000	6/14/2004	2/16/2009	\$163,600,000	\$1,063,400	\$129,976	\$162,406,624	8.179%	\$163,600,000	\$13,381,196
<u>Affordable Housing Notes</u>											
2	Missouri Affordable Housing Fund IX - NDH	\$3,907,767	3/30/1999	10/1/2008					7.600%	\$856,132	\$65,066
3	Total GPE Only Long-Term Debt Capital									\$164,456,132	\$13,446,262
4	GPE Only Weighted Avg. Cost of Long-Term Debt Capital							8.176%			
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GREAT PLAINS ENERGY											
5	Total GPE Long-Term Debt Capital									\$1,143,643,623	\$70,393,378
6	GPE Weighted Avg. Cost of Long-Term Debt Capital							6.155%			

- (1) Expenses associated with the Series C Medium Term Note issue are being amortized monthly over a 12 year period.
(2) Costs associated with the early issuance of Series C and Series D Medium Term Notes for refunding Series B Medium Term Notes and First Mortgage Bonds in April and May 1993 have been added to Issuance Expenses.
(3) Expenses associated with the Senior Notes, Series A issue are being amortized monthly over a 5 year period.
(4) Expenses associated with the Senior Notes issue are being amortized monthly over a 10 year period.
(5) Expenses associated with the Senior Notes issue are being amortized monthly over a 30 year period.

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GREAT PLAINS ENERGY INCORPORATED

Weighted Cost of Preferred Stock Capital Outstanding at
September 30, 2007 (Est.)

Line	(a) Description of Issue	(b) Date of Issuance	(c) No. of Shares Initial Offering	(d) Price to Public	(e) Underwriters Discounts & Commissions	(f) Issuance Expense	(g) Net Proceeds to Company	(h) Cost to Company	(i) Preferred Stock Capital Outstanding	(j) Annual Cost of Preferred Stock Capital	
1	3.80% cum \$100 par	12-01-46	100,000	\$10,270,000	\$179,000	\$58,391	\$10,032,609	3.788%	\$10,000,000	\$378,800	
2	4.50% cum \$100 par	1-20-52	100,000	10,000,000	195,000	79,241	9,725,759	4.627%	10,000,000	462,700	
3	4.20% cum \$100 par	1-21-54	70,000	7,070,000	122,500	41,270	6,906,230	4.257%	7,000,000	297,990	
4	4.35% cum \$100 par	4-17-56	120,000	12,000,000	201,600	71,304	11,727,096	4.451%	12,000,000	534,120	
5	Total Preferred Stock Capital September 30, 2007 (Est.)								<u>\$39,000,000</u>	<u>\$1,673,610</u>	
6	Weighted Average Cost at September 30, 2007 (Est.)						<u>4.291%</u>				