

MISSOURI PUBLIC SERVICE COMMISSION

**STAFF REPORT
COST OF SERVICE
REVENUE REQUIREMENT**

APPENDIX 2

**Support for Staff
Cost of
Capital Recommendations**

KANSAS CITY POWER & LIGHT COMPANY

CASE NO. ER-2014-0370

*Jefferson City, Missouri
March 2015*

AN ANALYSIS OF THE COST OF CAPITAL

FOR

KANSAS CITY POWER & LIGHT COMPANY

CASE NO. ER-2014-0370

SCHEDULES

BY

ZEPHANIA MAREVANGEPO

REGULATORY REVIEW DIVISION - UTILITY SERVICES

MISSOURI PUBLIC SERVICE COMMISSION

APRIL 2015

**Kansas City Power Light Company
Case No. ER-2014-0370**

List of Schedules

Schedule Number	Description of Schedule
1	List of Schedules
2-1	Federal Reserve Discount Rate and Federal Reserve Funds Rate Changes
2-2	Graph of Federal Reserve Discount Rates and Federal Funds Rates Changes
3-1	Rate of Inflation
3-2	Graph of Rate of Inflation
4-1	Average Yields on AA, A and BBB Public Utility Bonds
4-2	Average Yields on Thirty-Year U.S. Treasury Bonds
4-3	Graph of Average Yields on Public Utility Bonds and Thirty-Year U.S. Treasury Bonds
4-4	Graph of Monthly Spreads Between Yields on Public Utility Bonds and Thirty-Year U.S. Treasury Bonds
4-5	Graph of Moody's Baa Corporate Bond Yields
5	Historical Consolidated Capital Structures for Great Plains Energy Corporation
6	Embedded Cost of Long-Term Debt as of December 31, 2014
7	Capital Structure as of August 31, 2014 for The Empire District Electric Company
8	Criteria for Selecting Comparable Electric Utility Companies
9	Comparable Electric Utility Companies
10-1	Dividends Per Share for the Fourteen Comparable Electric Utility Companies
10-2	Earnings Per Share for the Fourteen Comparable Electric Utility Companies
10-3	Book Value Per Share for the Fourteen Comparable Electric Utility Companies
10-4	Ten-Year Dividends Per Share, Earnings Per Share & Book Value Per Share Growth Rates for the Fourteen Comparable Co
10-5	Five-Year Dividends Per Share, Earnings Per Share & Book Value Per Share Growth Rates for the Fourteen Comparable Co
10-6	Historical and Projected Growth Rates for the Fourteen Comparable Electric Utility Companies
11	Average High / Low Stock Prices for the Comparable Electric Utility Companies
12	Constant-Growth Discount Cash Flow (DCF) Estimated Costs of Common Equity for the Comparable Electric Utility Comp
13-1	Multiple-Stage Discounted Cash Flow (DCF) Estimated Costs of Common Equity for the Comparable Electric Utility Companies, Growth in Perpetuity of 3.00%
13-2	Multiple-Stage Discounted Cash Flow (DCF) Estimated Costs of Common Equity for the Comparable Electric Utility Companies, Growth in Perpetuity of 3.50%
13-3	Multiple-Stage Discounted Cash Flow (DCF) Estimated Costs of Common Equity for the Comparable Electric Utility Companies, Growth in Perpetuity of 4.00%
13-4	Multiple-Stage Discounted Cash Flow (DCF) Estimated Costs of Common Equity for the Comparable Electric Utility Companies, GDP Growth of 4.40%
14-1	Central Region Electric Utility Proxy Group EPS Ten year Compound Growth Rate Averages (1968-1999)
14-2	Central Region Electric Utility Proxy Group DPS Ten year Compound Growth Rate Averages (1968-1999)
14-3	Central Region Electric Utility Proxy Group BVPS Ten year Compound Growth Rate Averages (1968-1999)
14-4	Central Region Electric Utility Proxy Group DPS, EPS, BVPS & GDP Ten Year Compound Growth Rate Averages (1968-1999)
15-1	Updated Multiple-Stage Discounted Cash Flow (DCF) Estimated Costs of Common Equity for "the 2012 Rate Cases" Comparable Electric Utility Companies, Growth in Perpetuity of 3.00%
15-2	Updated Multiple-Stage Discounted Cash Flow (DCF) Estimated Costs of Common Equity for "the 2012 Rate Cases" Comparable Electric Utility Companies, Growth in Perpetuity of 3.50%
15-3	Updated Multiple-Stage Discounted Cash Flow (DCF) Estimated Costs of Common Equity for "the 2012 Rate Cases" Comparable Electric Utility Companies, Growth in Perpetuity of 4.00%
16-1	Backdated Multiple-Stage Discounted Cash Flow (DCF) Estimated Costs of Common Equity for the Comparable Electric Utility Companies, Growth in Perpetuity of 3.00%
16-2	Backdated Multiple-Stage Discounted Cash Flow (DCF) Estimated Costs of Common Equity for the Comparable Electric Utility Companies, Growth in Perpetuity of 3.50%
16-3	Backdated Multiple-Stage Discounted Cash Flow (DCF) Estimated Costs of Common Equity for the Comparable Electric Utility Companies, Growth in Perpetuity of 4.00%
17	Capital Asset Pricing Model (CAPM) Costs of Common Equity Estimates Based on Historical Return Differences Between Common Stocks and Long-Term U.S. Treasuries for the Comparable Electric Utility Companies
18	Recommended Allowed Return on Equity and Rate of Return

Kansas City Power Light Company
Case No. ER-2014-0370

Federal Reserve Discount Rate and Federal Reserve Funds Rate Changes

Date	Federal Reserve Discount Rate	Federal Reserve Funds Rate	Date	Federal Reserve Discount Rate	Federal Reserve Funds Rate
01/01/83	8.50%		06/30/99	4.50%	5.00%
<u>12/31/83</u>	<u>8.50%</u>		08/24/99	4.75%	5.25%
04/09/84	9.00%		11/16/99	5.00%	5.50%
11/21/84	8.50%		<u>02/02/00</u>	<u>5.25%</u>	<u>5.75%</u>
<u>12/24/84</u>	<u>8.00%</u>		03/21/00	5.50%	6.00%
05/20/85	7.50%		05/19/00	6.00%	6.50%
03/07/86	7.00%		01/03/01	5.75%	6.00%
04/21/86	6.50%		01/04/01	5.50%	6.00%
07/11/86	6.00%		01/31/01	5.00%	5.50%
08/21/86	5.50%		03/20/01	4.50%	5.00%
09/04/87	6.00%		04/18/01	4.00%	4.50%
08/09/88	6.50%		05/15/01	3.50%	4.00%
<u>02/24/89</u>	<u>7.00%</u>		06/27/01	3.25%	3.75%
07/13/90		8.00% *	08/21/01	3.00%	3.50%
10/29/90		7.75%	09/17/01	2.50%	3.00%
11/13/90		7.50%	10/02/01	2.00%	2.50%
12/07/90		7.25%	11/06/01	1.50%	2.00%
12/18/90		7.00%	12/11/01	1.25%	1.75%
<u>12/19/90</u>	<u>6.50%</u>		<u>11/06/02</u>	<u>0.75%</u>	<u>1.25%</u>
01/09/91		6.75%	01/09/03	2.25%**	1.25%
02/01/91	6.00%	6.25%	06/25/03	2.00%	1.00%
03/08/91		6.00%	06/30/04	2.25%	1.25%
04/30/91	5.50%	5.75%	08/10/04	2.50%	1.50%
08/06/91		5.50%	09/21/04	2.75%	1.75%
09/13/91	5.00%	5.25%	11/10/04	3.00%	2.00%
10/31/91		5.00%	12/14/04	3.25%	2.25%
11/06/91	4.50%	4.75%	<u>02/02/05</u>	<u>3.50%</u>	<u>2.50%</u>
12/06/91		4.50%	03/22/05	3.75%	2.75%
<u>12/20/91</u>	<u>3.50%</u>	<u>4.00%</u>	05/03/05	4.00%	3.00%
04/09/92		3.75%	06/30/05	4.25%	3.25%
07/02/92	3.00%	3.25%	08/09/05	4.50%	3.50%
09/04/92		3.00%	09/20/05	4.75%	3.75%
01/01/93			11/01/05	5.00%	4.00%
<u>12/31/93</u>	<u>No Changes</u>	<u>No Changes</u>	12/13/05	5.25%	4.25%
02/04/94		3.25%	01/31/06	5.50%	4.50%
03/22/94		3.50%	03/28/06	5.75%	4.75%
04/18/94		3.75%	05/10/06	6.00%	5.00%
05/17/94	3.50%	4.25%	06/29/06	6.25%	5.25%
08/16/94	4.00%	4.75%	08/17/07	5.75%	5.25%
11/15/94	4.75%	5.50%	09/18/07	5.25%	4.75%
02/01/95	5.25%	6.00%	10/31/07	5.00%	4.50%
07/06/95		5.75%	12/11/07	4.75%	4.25%
<u>12/19/95</u>		<u>5.50%</u>	<u>01/22/08</u>	<u>4.00%</u>	<u>3.50%</u>
01/31/96	5.00%	5.25%	01/30/08	3.50%	3.00%
03/25/97		5.50%	03/16/08	3.25%	
<u>12/12/97</u>	<u>5.00%</u>		03/18/08	2.50%	2.25%
01/09/98	5.00%		04/30/08	2.25%	2.00%
03/06/98	5.00%		10/08/08	1.75%	1.50%
09/29/98		5.25%	10/28/08	1.25%	1.00%
10/15/98	4.75%	5.00%	12/30/08	0.50%	0% - .25%
11/17/98	4.50%	4.75%	02/19/10	0.75%	

* Staff began tracking the Federal Funds Rate.

**Revised discount window program begins. Reflects rate on primary credit. This revised discount window policy results in incomparability of the discount rates after January 9, 2003 to discount rates before January 9, 2003.

Source:

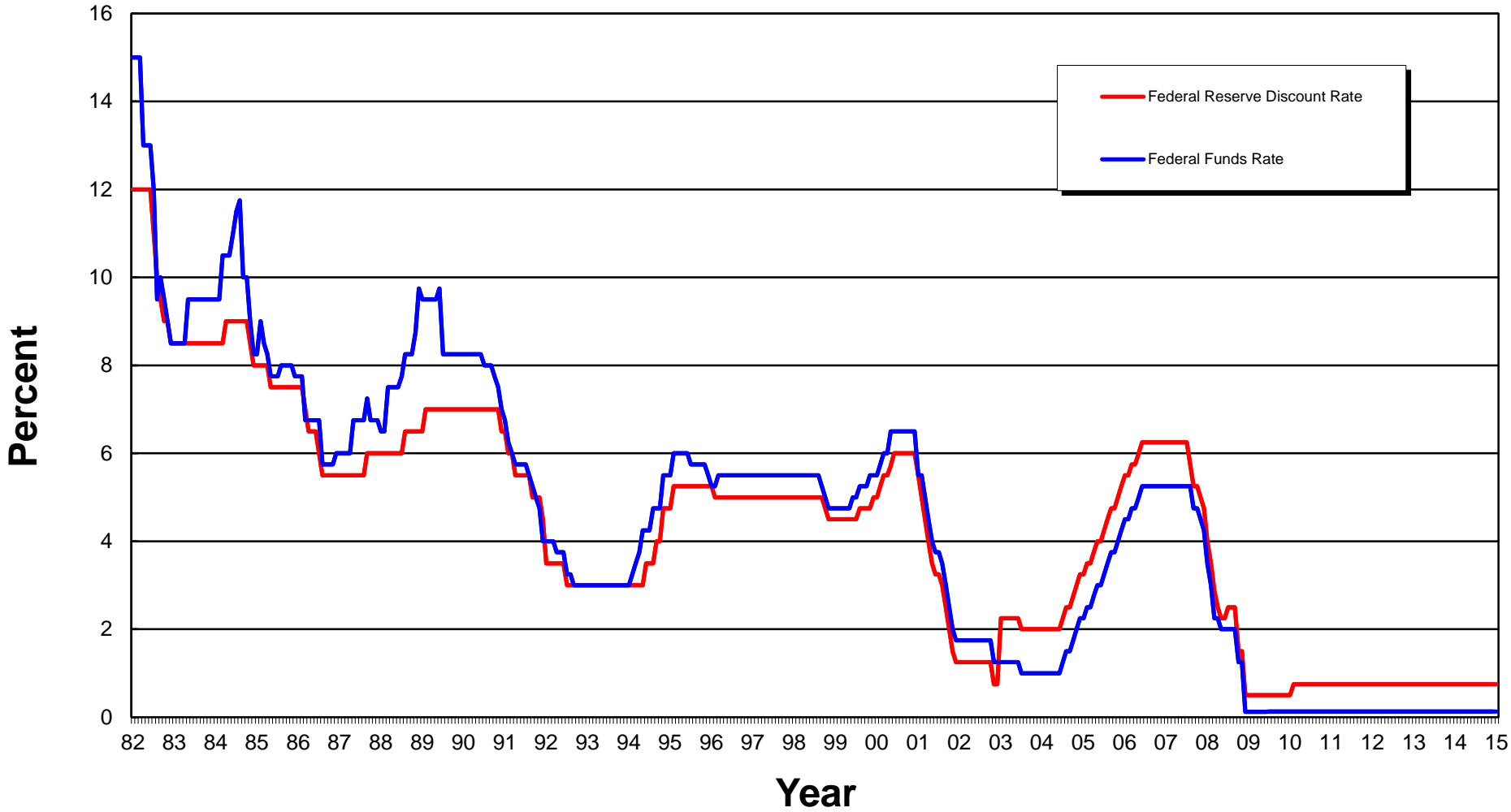
Federal Reserve Discount rate <http://www.newyorkfed.org/markets/statistics/dlyrates/fedrate.html>

Federal Reserve Funds rate <http://www.newyorkfed.org/markets/statistics/dlyrates/fedrate.html>

Note: Interest rates as of December 31 for each year are underlined.

Kansas City Power Light Company
Case No. ER-2014-0370

Federal Reserve Discount Rates and Federal Funds Rates
1982 - 2015



**Kansas City Power Light Company
Case No. ER-2014-0370**

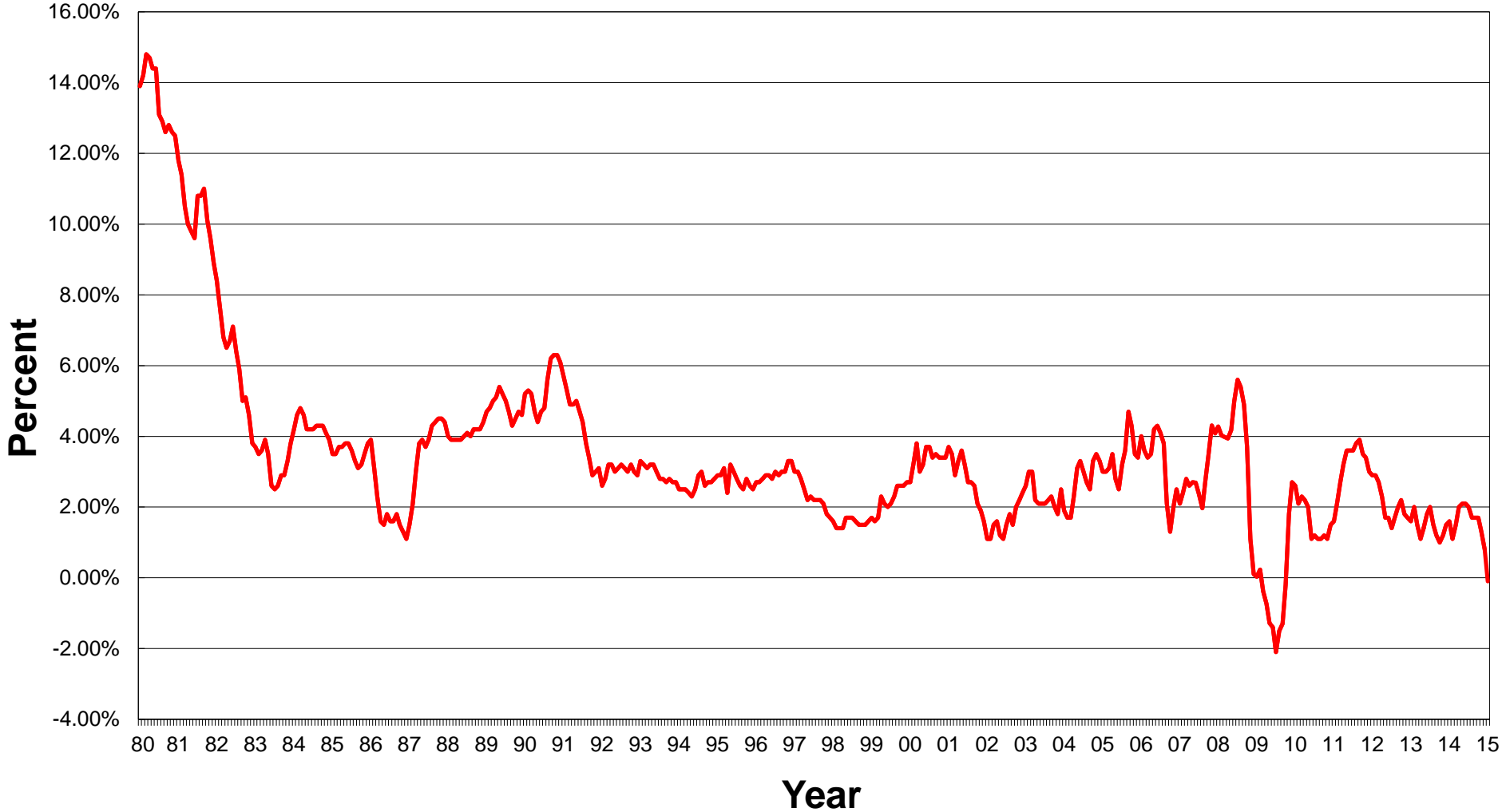
Rate of Inflation

Mo/Year	Rate (%)	Mo/Year	Rate (%)	Mo/Year	Rate (%)	Mo/Year	Rate (%)	Mo/Year	Rate (%)	Mo/Year	Rate (%)	Mo/Year	Rate (%)	Mo/Year	Rate (%)	Mo/Year	Rate (%)	Mo/Year	Rate (%)
Jan 1980	13.90	Jan 1984	4.20	Jan 1988	4.00	Jan 1992	2.60	Jan 1996	2.70	Jan 2000	2.70	Jan 2004	1.90	Jan 2008	4.30	Jan 2012	2.90		
Feb	14.20	Feb	4.60	Feb	3.90	Feb	2.80	Feb	2.70	Feb	3.20	Feb	1.70	Feb	4.00	Feb	2.90		
Mar	14.80	Mar	4.80	Mar	3.90	Mar	3.20	Mar	2.80	Mar	3.70	Mar	1.70	Mar	4.00	Mar	2.70		
Apr	14.70	Apr	4.60	Apr	3.90	Apr	3.20	Apr	2.90	Apr	3.00	Apr	2.90	Apr	3.90	Apr	2.30		
May	14.40	May	4.20	May	3.90	May	3.00	May	2.90	May	3.20	May	3.10	May	4.20	May	1.70		
Jun	14.40	Jun	4.20	Jun	4.00	Jun	3.10	Jun	2.80	Jun	3.70	Jun	3.30	Jun	5.00	Jun	1.70		
Jul	13.10	Jul	4.20	Jul	4.10	Jul	3.20	Jul	3.00	Jul	3.70	Jul	3.00	Jul	5.60	Jul	1.40		
Aug	12.90	Aug	4.30	Aug	4.00	Aug	3.10	Aug	2.90	Aug	3.40	Aug	2.70	Aug	5.40	Aug	1.70		
Sep	12.60	Sep	4.30	Sep	4.20	Sep	3.00	Sep	3.00	Sep	3.50	Sep	2.50	Sep	4.90	Sep	2.00		
Oct	12.80	Oct	4.30	Oct	4.20	Oct	3.20	Oct	3.00	Oct	3.40	Oct	3.30	Oct	3.70	Oct	2.20		
Nov	12.60	Nov	4.10	Nov	4.20	Nov	3.00	Nov	3.30	Nov	3.40	Nov	3.50	Nov	1.10	Nov	1.80		
Dec	12.50	Dec	3.90	Dec	4.40	Dec	2.90	Dec	3.30	Dec	3.40	Dec	3.30	Dec	0.10	Dec	1.70		
Jan 1981	11.80	Jan 1985	3.50	Jan 1989	4.70	Jan 1993	3.30	Jan 1997	3.00	Jan 2001	3.70	Jan 2005	3.00	Jan 2009	0.00	Jan 2013	1.60		
Feb	11.40	Feb	3.50	Feb	4.80	Feb	3.20	Feb	3.00	Feb	3.50	Feb	3.00	Feb	0.20	Feb	2.00		
Mar	10.50	Mar	3.70	Mar	5.00	Mar	3.10	Mar	2.80	Mar	2.90	Mar	3.10	Mar	-0.40	Mar	1.50		
Apr	10.00	Apr	3.70	Apr	5.10	Apr	3.20	Apr	2.50	Apr	3.30	Apr	3.50	Apr	-0.70	Apr	1.10		
May	9.80	May	3.80	May	5.40	May	3.20	May	2.20	May	3.60	May	2.80	May	-1.28	May	1.40		
Jun	9.60	Jun	3.80	Jun	5.20	Jun	3.00	Jun	2.30	Jun	3.20	Jun	2.50	Jun	-1.40	Jun	1.80		
Jul	10.80	Jul	3.60	Jul	5.00	Jul	2.80	Jul	2.20	Jul	2.70	Jul	2.20	Jul	-2.10	Jul	2.00		
Aug	10.80	Aug	3.30	Aug	4.70	Aug	2.80	Aug	2.20	Aug	2.70	Aug	3.60	Aug	-1.50	Aug	1.50		
Sep	11.00	Sep	3.10	Sep	4.30	Sep	2.70	Sep	2.20	Sep	2.60	Sep	4.70	Sep	-1.30	Sep	1.20		
Oct	10.10	Oct	3.20	Oct	4.50	Oct	2.80	Oct	2.10	Oct	2.10	Oct	4.30	Oct	-0.20	Oct	1.00		
Nov	9.60	Nov	3.50	Nov	4.70	Nov	2.70	Nov	1.80	Nov	1.90	Nov	3.50	Nov	1.80	Nov	1.20		
Dec	8.90	Dec	3.80	Dec	4.60	Dec	2.70	Dec	1.70	Dec	1.60	Dec	3.40	Dec	2.70	Dec	1.50		
Jan 1982	8.40	Jan 1986	3.90	Jan 1990	5.20	Jan 1994	2.50	Jan 1998	1.60	Jan 2002	1.10	Jan 2006	4.00	Jan 2010	2.60	Jan 2014	1.60		
Feb	7.60	Feb	3.10	Feb	5.30	Feb	2.50	Feb	1.40	Feb	1.10	Feb	3.60	Feb	2.10	Feb	1.10		
Mar	6.80	Mar	2.30	Mar	5.20	Mar	2.50	Mar	1.40	Mar	1.50	Mar	3.40	Mar	2.30	Mar	1.50		
Apr	6.50	Apr	1.60	Apr	4.70	Apr	2.40	Apr	1.40	Apr	1.60	Apr	3.50	Apr	2.20	Apr	2.00		
May	6.70	May	1.50	May	4.40	May	2.30	May	1.70	May	1.20	May	4.20	May	2.00	May	2.10		
Jun	7.10	Jun	1.80	Jun	4.70	Jun	2.50	Jun	1.70	Jun	1.10	June	4.30	Jun	1.10	Jun	2.10		
Jul	6.40	Jul	1.60	Jul	4.80	Jul	2.90	Jul	1.70	Jul	1.50	July	4.10	Jul	1.20	Jul	2.00		
Aug	5.90	Aug	1.60	Aug	5.60	Aug	3.00	Aug	1.60	Aug	1.80	Aug	3.80	Aug	1.10	Aug	1.70		
Sep	5.00	Sep	1.80	Sep	6.20	Sep	2.60	Sep	1.50	Sep	1.50	Sep	2.10	Sep	1.10	Sep	1.70		
Oct	5.10	Oct	1.50	Oct	6.30	Oct	2.70	Oct	1.50	Oct	2.00	Oct	1.30	Oct	1.20	Oct	1.70		
Nov	4.60	Nov	1.30	Nov	6.30	Nov	2.70	Nov	1.50	Nov	2.20	Nov	2.00	Nov	1.10	Nov	1.20		
Dec	3.80	Dec	1.10	Dec	6.10	Dec	2.80	Dec	1.60	Dec	2.40	Dec	2.50	Dec	1.50	Dec	0.80		
Jan 1983	3.70	Jan 1987	1.50	Jan 1991	5.70	Jan 1995	2.90	Jan 1999	1.70	Jan 2003	2.60	Jan 2007	2.10	Jan 2011	1.60	Jan 2015	-0.10		
Feb	3.50	Feb	2.10	Feb	5.30	Feb	2.90	Feb	1.60	Feb	3.00	Feb	2.40	Feb	2.10				
Mar	3.60	Mar	3.00	Mar	4.90	Mar	3.10	Mar	1.70	Mar	3.00	Mar	2.80	Mar	2.70				
Apr	3.90	Apr	3.80	Apr	4.90	Apr	2.40	Apr	2.30	Apr	2.20	Apr	2.60	Apr	3.20				
May	3.50	May	3.90	May	5.00	May	3.20	May	2.10	May	2.10	May	2.70	May	3.60				
Jun	2.60	Jun	3.70	Jun	4.70	Jun	3.00	Jun	2.00	Jun	2.10	Jun	2.70	Jun	3.60				
Jul	2.50	Jul	3.90	Jul	4.40	Jul	2.80	Jul	2.10	Jul	2.10	Jul	2.40	Jul	3.60				
Aug	2.60	Aug	4.30	Aug	3.80	Aug	2.60	Aug	2.30	Aug	2.20	Aug	2.00	Aug	3.80				
Sep	2.90	Sep	4.40	Sep	3.40	Sep	2.50	Sep	2.60	Sep	2.30	Sep	2.80	Sep	3.90				
Oct	2.90	Oct	4.50	Oct	2.90	Oct	2.80	Oct	2.60	Oct	2.00	Oct	3.50	Oct	3.50				
Nov	3.30	Nov	4.50	Nov	3.00	Nov	2.60	Nov	2.60	Nov	1.80	Nov	4.30	Nov	3.40				
Dec	3.80	Dec	4.40	Dec	3.10	Dec	2.50	Dec	2.70	Dec	1.90	Dec	4.10	Dec	3.00				

Source: U.S. Dept of Labor, Bureau of Labor Statistics, Consumer Price Index - All Urban Consumers, Change for 12-Month Period, Bureau of Labor Statistics, http://www.bls.gov/schedule/archives/cpi_nr.htm

Kansas City Power Light Company
Case No. ER-2014-0370

Rate of Inflation
1980 - 2014



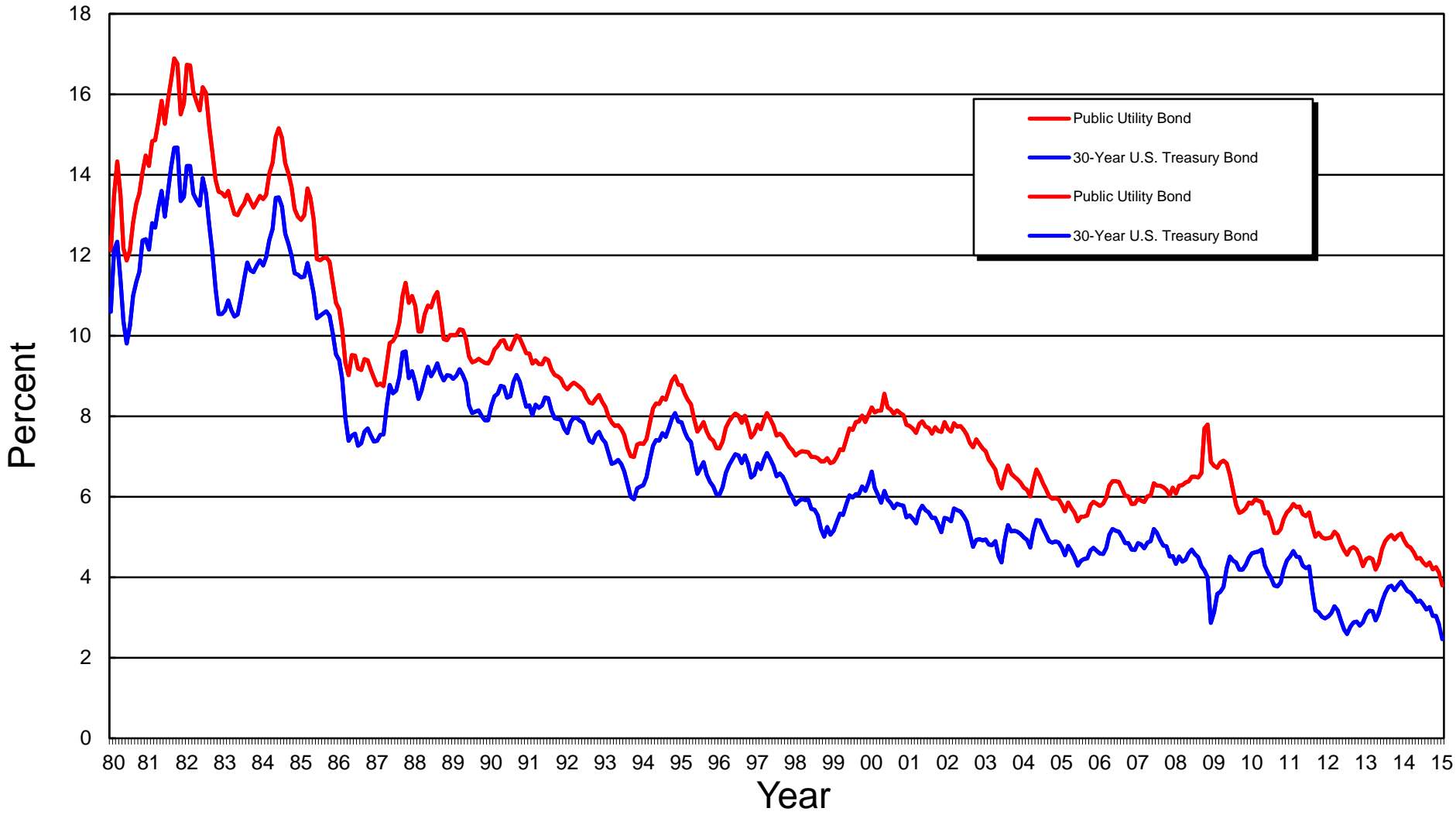
Kansas City Power Light Company
Case No. ER-2014-0370
Average Yields on AA, A and BBB Public Utility Bonds

Mo/Year	Rate (%)	Mo/Year	Rate (%)	Mo/Year	Rate (%)	Mo/Year	Rate (%)	Mo/Year	Rate (%)	Mo/Year	Rate (%)	Mo/Year	Rate (%)	Mo/Year	Rate (%)	Mo/Year	Rate (%)
Jan 1980	12.12	Jan 1984	13.40	Jan 1988	10.75	Jan 1992	8.67	Jan 1996	7.20	Jan 2000	8.22	Jan 2004	6.23	Jan 2008	6.08	Jan 2012	4.97
Feb	13.48	Feb	13.50	Feb	10.11	Feb	8.77	Feb	7.37	Feb	8.10	Feb	6.17	Feb	6.28	Feb	4.99
Mar	14.33	Mar	14.03	Mar	10.11	Mar	8.84	Mar	7.72	Mar	8.14	Mar	6.01	Mar	6.29	Mar	5.13
Apr	13.50	Apr	14.30	Apr	10.53	Apr	8.79	Apr	7.88	Apr	8.14	Apr	6.38	Apr	6.36	Apr	5.05
May	12.17	May	14.95	May	10.75	May	8.72	May	7.99	May	8.55	May	6.68	May	6.38	May	4.84
Jun	11.87	Jun	15.16	Jun	10.71	Jun	8.64	Jun	8.07	Jun	8.22	Jun	6.53	Jun	6.50	Jun	4.67
Jul	12.12	Jul	14.92	Jul	10.96	Jul	8.46	Jul	8.02	Jul	8.17	Jul	6.34	Jul	6.50	Jul	4.56
Aug	12.82	Aug	14.29	Aug	11.09	Aug	8.34	Aug	7.84	Aug	8.05	Aug	6.18	Aug	6.48	Aug	4.71
Sep	13.29	Sep	14.04	Sep	10.56	Sep	8.32	Sep	8.01	Sep	8.16	Sep	6.01	Sep	6.59	Sep	4.75
Oct	13.53	Oct	13.68	Oct	9.92	Oct	8.44	Oct	7.76	Oct	8.08	Oct	5.95	Oct	7.70	Oct	4.69
Nov	14.07	Nov	13.15	Nov	9.89	Nov	8.53	Nov	7.48	Nov	8.03	Nov	5.97	Nov	7.80	Nov	4.53
Dec	14.48	Dec	12.96	Dec	10.02	Dec	8.36	Dec	7.58	Dec	7.79	Dec	5.93	Dec	6.87	Dec	4.28
Jan 1981	14.22	Jan 1985	12.88	Jan 1989	10.02	Jan 1993	8.23	Jan 1997	7.79	Jan 2001	7.76	Jan 2005	5.80	Jan 2009	6.77	Jan 2013	4.45
Feb	14.84	Feb	13.00	Feb	10.02	Feb	8.00	Feb	7.68	Feb	7.69	Feb	5.64	Feb	6.72	Feb	4.49
Mar	14.86	Mar	13.66	Mar	10.16	Mar	7.85	Mar	7.92	Mar	7.59	Mar	5.86	Mar	6.85	Mar	4.45
Apr	15.32	Apr	13.42	Apr	10.14	Apr	7.76	Apr	8.08	Apr	7.81	Apr	5.72	Apr	6.90	Apr	4.19
May	15.84	May	12.89	May	9.92	May	7.78	May	7.94	May	7.88	May	5.60	May	6.83	May	4.36
Jun	15.27	Jun	11.91	Jun	9.49	Jun	7.68	Jun	7.77	Jun	7.75	Jun	5.39	June	6.54	Jun	4.70
Jul	15.87	Jul	11.88	Jul	9.34	Jul	7.53	Jul	7.52	Jul	7.71	Jul	5.50	July	6.15	Jul	4.90
Aug	16.33	Aug	11.93	Aug	9.37	Aug	7.21	Aug	7.57	Aug	7.57	Aug	5.51	Aug	5.80	Aug	5.00
Sep	16.89	Sep	11.95	Sep	9.43	Sep	7.01	Sep	7.50	Sep	7.73	Sep	5.54	Sep	5.60	Sep	5.05
Oct	16.76	Oct	11.84	Oct	9.37	Oct	6.99	Oct	7.37	Oct	7.64	Oct	5.79	Oct	5.64	Oct	4.94
Nov	15.50	Nov	11.33	Nov	9.33	Nov	7.30	Nov	7.24	Nov	7.61	Nov	5.88	Nov	5.71	Nov	5.04
Dec	15.77	Dec	10.82	Dec	9.31	Dec	7.33	Dec	7.16	Dec	7.86	Dec	5.83	Dec	5.86	Dec	5.09
Jan 1982	16.73	Jan 1986	10.66	Jan 1990	9.44	Jan 1994	7.31	Jan 1998	7.03	Jan 2002	7.69	Jan 2006	5.77	Jan 2010	5.83	Jan 2014	4.91
Feb	16.72	Feb	10.16	Feb	9.66	Feb	7.44	Feb	7.09	Feb	7.62	Feb	5.83	Feb	5.94	Feb	4.79
Mar	16.07	Mar	9.33	Mar	9.75	Mar	7.83	Mar	7.13	Mar	7.83	Mar	5.98	Mar	5.90	Mar	4.74
Apr	15.82	Apr	9.02	Apr	9.87	Apr	8.20	Apr	7.12	Apr	7.74	Apr	6.28	Apr	5.87	Apr	4.62
May	15.60	May	9.52	May	9.89	May	8.32	May	7.11	May	7.76	May	6.39	May	5.59	May	4.46
Jun	16.18	Jun	9.51	Jun	9.69	Jun	8.31	Jun	6.99	Jun	7.67	June	6.39	June	5.62	Jun	4.48
Jul	16.04	Jul	9.19	Jul	9.66	Jul	8.47	Jul	6.99	Jul	7.54	July	6.37	July	5.41	Jul	4.37
Aug	15.22	Aug	9.15	Aug	9.84	Aug	8.41	Aug	6.96	Aug	7.34	Aug	6.20	Aug	5.10	Aug	4.29
Sep	14.56	Sep	9.42	Sep	10.01	Sep	8.65	Sep	6.88	Sep	7.23	Sep	6.03	Sep	5.10	Sep	4.37
Oct	13.88	Oct	9.39	Oct	9.94	Oct	8.88	Oct	6.88	Oct	7.43	Oct	6.01	Oct	5.20	Oct	4.20
Nov	13.58	Nov	9.15	Nov	9.76	Nov	9.00	Nov	6.96	Nov	7.31	Nov	5.82	Nov	5.45	Nov	4.25
Dec	13.55	Dec	8.96	Dec	9.57	Dec	8.79	Dec	6.84	Dec	7.20	Dec	5.83	Dec	5.61	Dec	4.12
Jan 1983	13.46	Jan 1987	8.77	Jan 1991	9.56	Jan 1995	8.77	Jan 1999	6.87	Jan 2003	7.13	Jan 2007	5.96	Jan 2011	5.69	Jan 2015	3.80
Feb	13.60	Feb	8.81	Feb	9.31	Feb	8.56	Feb	7.00	Feb	6.92	Feb	5.91	Feb	5.82	Feb	3.90
Mar	13.28	Mar	8.75	Mar	9.39	Mar	8.41	Mar	7.18	Mar	6.80	Mar	5.87	Mar	5.74		
Apr	13.03	Apr	9.30	Apr	9.30	Apr	8.30	Apr	7.16	Apr	6.68	Apr	6.01	Apr	5.76		
May	13.00	May	9.82	May	9.29	May	7.93	May	7.42	May	6.35	May	6.03	May	5.57		
Jun	13.17	Jun	9.87	Jun	9.44	Jun	7.62	Jun	7.70	Jun	6.21	June	6.34	June	5.52		
Jul	13.28	Jul	10.01	Jul	9.40	Jul	7.73	Jul	7.66	Jul	6.54	July	6.28	July	5.61		
Aug	13.50	Aug	10.33	Aug	9.16	Aug	7.86	Aug	7.86	Aug	6.78	Aug	6.28	Aug	5.26		
Sep	13.35	Sep	11.00	Sep	9.03	Sep	7.62	Sep	7.87	Sep	6.58	Sep	6.24	Sep	5.01		
Oct	13.19	Oct	11.32	Oct	8.99	Oct	7.46	Oct	8.02	Oct	6.50	Oct	6.17	Oct	5.11		
Nov	13.33	Nov	10.82	Nov	8.93	Nov	7.40	Nov	7.86	Nov	6.44	Nov	6.04	Nov	5.00		
Dec	13.48	Dec	10.99	Dec	8.76	Dec	7.21	Dec	8.04	Dec	6.36	Dec	6.23	Dec	4.96		

Source: [Mergent Bond Record](#) (through November 2010); [BondsOnline](#) (December 2010 to present)

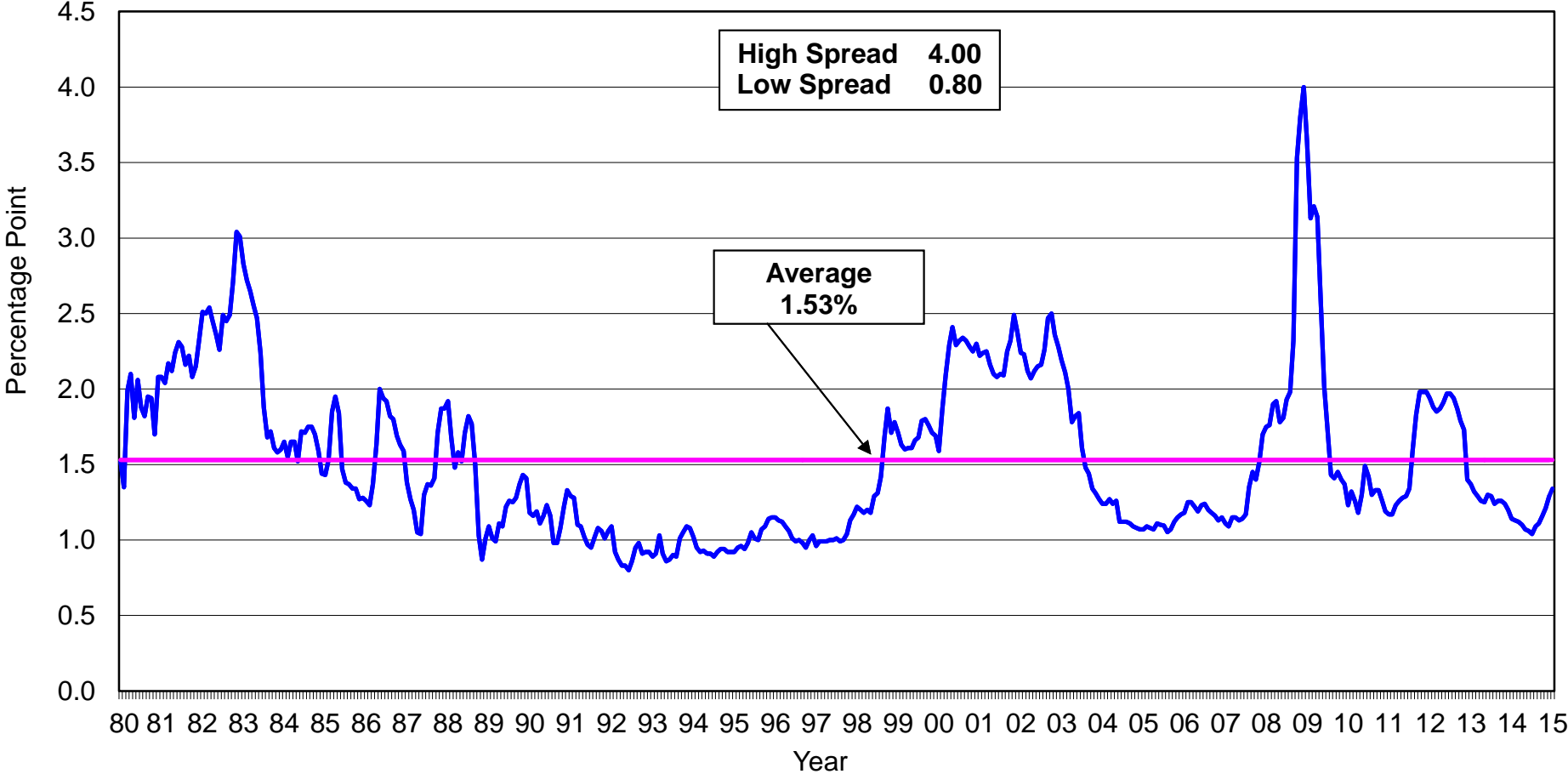
Kansas City Power Light Company
Case No. ER-2014-0370

Average Yields on Public Utility Bonds and
Thirty-Year U.S. Treasury Bonds (1980 - 2015)

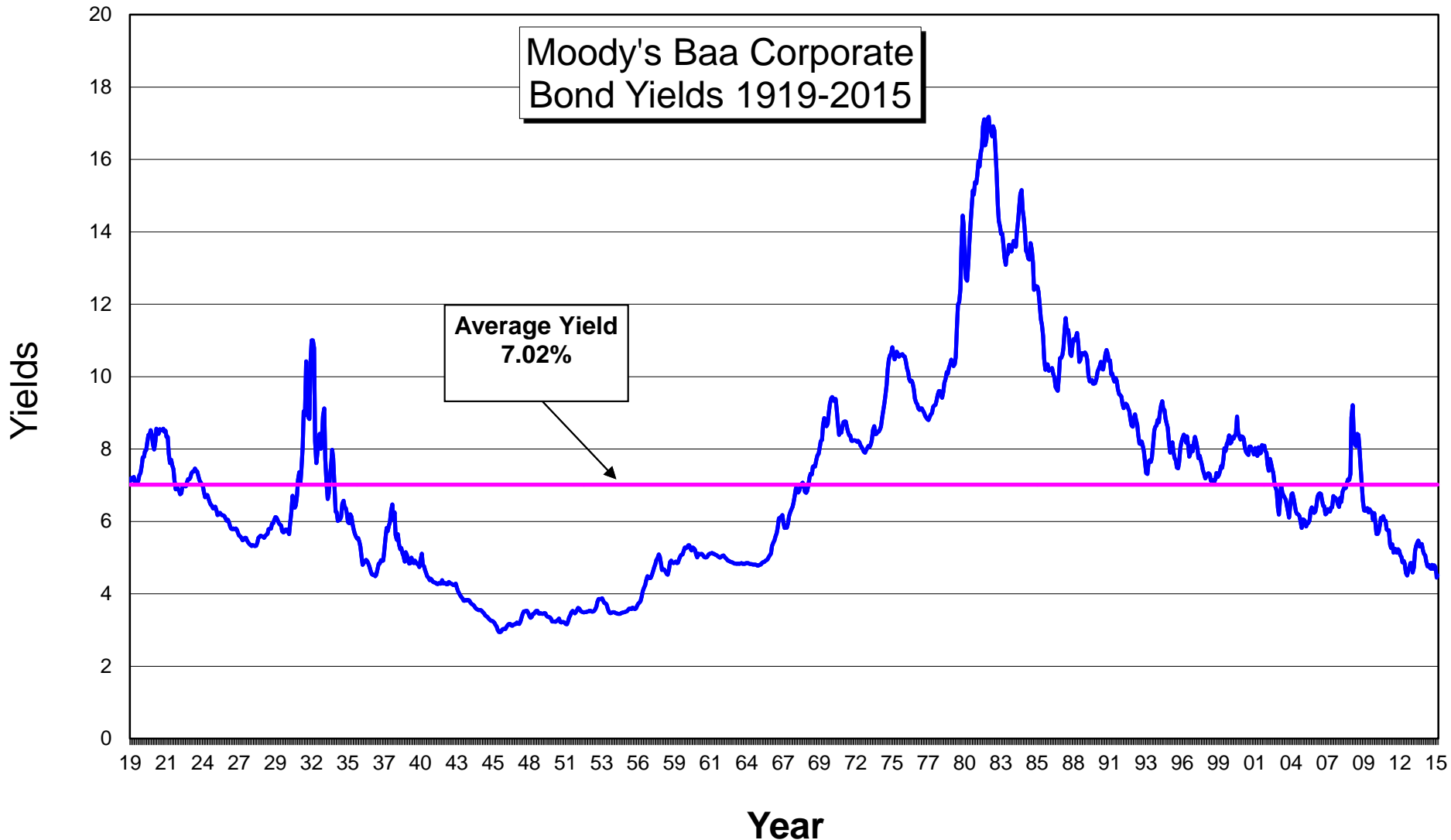


Kansas City Power Light Company
Case No. ER-2014-0370

Monthly Spreads Between Yields on Public Utility Bonds and
Thirty-Year U.S. Treasury Bonds (1980 - 2015)



Kansas City Power Light Company
Case No. ER-2014-0370



**Kansas City Power Light Company
Case No. ER-2014-0370**

Historical Consolidated Capital Structures for Great Plains Energy

Capital Components	2010	2011	2012	2013	2014	5-Year Average
Common Equity	\$2,887.1	\$2,960.9	\$3,340.0	\$3,474.4	\$3,586.1	\$3,249.7
Preferred Stock	39.0	39.0	39.0	39.0	39.0	\$39.0
Long-Term Debt	3,428.4 *	3,543.7 *	3,019.9 *	3,516.8 *	3,503.1 *	\$3,402.4
Short-Term Debt	368.0	384.0	716.1	292.2	533.3	\$458.7
Total	<u>\$6,722.5</u>	<u>\$6,927.6</u>	<u>\$7,115.0</u>	<u>\$7,322.4</u>	<u>\$7,661.5</u>	<u>\$7,149.8</u>

Capital Components	2010	2011	2012	2013	2014	5-Year Average
Common Equity	43.17%	42.96%	46.94%	47.45%	46.81%	45.47%
Preferred Stock	0.58%	0.56%	0.55%	0.53%	0.51%	0.55%
Long-Term Debt	51.27%	51.41%	42.44%	48.03%	45.72%	47.78%
Short-Term Debt	5.50%	5.57%	10.06%	3.99%	6.96%	6.42%
Total	<u>100.52%</u>	<u>100.51%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.00%</u>	<u>100.21%</u>

Sources:

Great Plains Energy's SEC 10-K for 12/31/2011.
Great Plains Energy's SEC 10-K for 12/31/2013.
Great Plains Energy's SEC 10-K for 12/31/2014.

Note: *Includes current maturities of long-term debt.

**Kansas City Power Light Company
Case No. ER-2014-0370**

**KANSAS CITY POWER & LIGHT COMPANY, GREAT PLAINS ENERGY and GMO
Weighted Average Cost of Long-Term Debt Capital**

December 31, 2014 KCPL-MO Actual

Line	Issue	(a) Initial Offering	(b) Date of Offering	(c) Date of Maturity	(d) Price to Public	(e) Original Discount (Premium)	(f) Underwriting & 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											
<u>Pledged General Mortgage Bonds</u>											
1	EIRR 1992 Series	\$31,000,000	9/15/1992	7/1/2017	\$31,000,000		\$844,508	\$30,155,492	1.884%	\$31,000,000	\$584,119
2	MATES Series 1993-A	\$40,000,000	12/7/1993	12/1/2023	\$40,000,000		\$957,337	\$39,042,663	3.220%	\$40,000,000	\$1,288,183
3	MATES Series 1993-B	\$39,480,000	12/7/1993	12/1/2023	\$39,480,000		\$364,531	\$39,115,469	3.053%	\$39,480,000	\$1,205,502
4	EIRR La Cygne 2005 Series - 4.05% Coupon	\$13,982,500	2/23/1994	3/1/2015					4.254%	\$13,982,000	\$594,794
5	EIRR La Cygne 2005 Series - 4.65% Coupon	\$21,940,000	2/23/1994	9/1/2035					4.731%	\$21,940,000	\$1,037,981
6	Mortgage Bonds Series 2009A - 7.15%	\$400,000,000	3/24/2009	3/24/2019	\$400,000,000	\$432,000	\$4,023,316	\$395,544,684	7.309%	\$400,000,000	\$29,235,757
<u>Unsecured Notes</u>											
8	Senior Notes Due 2017 - 5.85% Coupon (1)	\$250,000,000	5/30/2007	6/15/2017	\$250,000,000	\$420,000	\$1,843,906	\$247,736,094	5.972%	\$250,000,000	\$14,928,940
9	Senior Notes Due 2035 - 6.05% Coupon (2)	\$250,000,000	11/17/2005	11/15/2035	\$250,000,000	\$1,505,000	\$2,443,109	\$246,051,891	6.166%	\$250,000,000	\$15,415,411
10	Senior Notes Due 2018 - 6.375% Coupon (3)	\$350,000,000	3/6/2008	3/1/2018	\$350,000,000		\$2,566,730	\$347,433,270	6.476%	\$350,000,000	\$22,665,182
11	Senior Notes Due 2041 - 5.30% Coupon (4)	\$400,000,000	9/20/2011	10/1/2041	\$400,000,000	\$2,568,000	\$3,876,569	\$393,555,431	5.409%	\$400,000,000	\$21,636,650
12	Senior Notes Due 2023 - 3.15% Coupon (1)	\$300,000,000	3/14/2013	3/15/2023	\$300,000,000	\$282,000	\$2,339,941	\$297,378,059	3.253%	\$300,000,000	\$9,759,257
<u>Environmental Improvement Revenue Refunding Bonds</u>											
13	2005 Series Due 2035 - 4.65% Coupon	\$50,000,000	9/1/05	9/1/2035					4.747%	\$50,000,000	\$2,373,500
14	2007 Series A Due 2035	\$73,250,000	9/19/07	9/1/2035	\$73,250,000		\$491,516	\$72,758,484	0.886%	\$73,250,000	\$649,006
15	2007 Series B Due 2035	\$73,250,000	9/19/07	9/1/2035	\$73,250,000		\$1,696,315	\$71,553,685	0.968%	\$73,250,000	\$709,031
16	2008 Series Due 2038	\$23,400,000	5/28/08	5/1/2038					3.081%	\$23,400,000	\$720,949
<u>Other Long-Term Debt</u>											
17	Unamortized Discount on Senior Notes									(3,849,502)	
18	Loss/(Gain) on Reacquired Debt										\$ 404,520
19	Weighted Cost of Interest Rate Management Products										\$8,535,948
20	Total KCP&L Long-Term Debt Capital									\$2,312,452,498	\$131,744,733
21	KCP&L Weighted Avg. Cost of Long-Term Debt Capital							5.697%			

GMO ONLY

<u>Pledged General Mortgage Bonds</u>											
1	SJLP First Mortgage Bonds - 9.44%	\$22,500,000	2/1/91	2/1/21	\$22,500,000		\$664,653	\$21,835,347	9.745%	\$7,875,000	\$767,456
<u>Unsecured Notes</u>											
2	Senior Notes Due 2021 - 8.27% Coupon	\$131,750,000	3/31/99	11/15/21	\$131,750,000		\$3,591,143	\$128,158,857	8.547%	\$80,850,000	\$6,910,156
3	Medium Term Notes Due 2023 - 7.33% Coup	\$3,000,000	11/30/93	11/30/23	\$3,000,000		\$163,606	\$2,836,394	7.803%	\$3,000,000	\$234,095
4	Medium Term Notes Due 2023 - 7.17% Coup	\$7,000,000	12/6/93	12/1/23	\$7,000,000		\$382,259	\$6,617,741	7.636%	\$7,000,000	\$534,536
5	Senior Notes Series A Due 2025 - 3.49% Cou	\$125,000,000	8/16/13	8/15/25	\$125,000,000		\$782,720	\$124,217,280	3.555%	\$125,000,000	\$4,443,193
6	Senior Notes Series B Due 2033 - 4.06% Cou	\$75,000,000	8/16/13	8/15/33	\$75,000,000		\$467,003	\$74,532,997	4.106%	\$75,000,000	\$3,079,461
7	Senior Notes Series C Due 2043 - 4.74% Cou	\$150,000,000	8/16/13	8/15/43	\$150,000,000		\$938,387	\$149,061,613	4.779%	\$150,000,000	\$7,169,204

**Kansas City Power Light Company
Case No. ER-2014-0370**

<u>Other Long-Term Debt</u>										
8	Intercompany Debt - GPE Senior Notes due 2	\$347,389,000	5/16/11	6/1/21	\$347,389,000		\$347,389,000	4.970%	\$347,389,000	\$17,265,233
9	Intercompany Debt - GPE Senior Notes due 2	\$287,500,000	3/19/12	6/15/22	\$287,500,000		\$287,500,000	5.150%	\$287,500,000	\$14,806,250
10	Unamortized Discount on Senior Notes									
11	Loss/(Gain) on Reacquired Debt									\$ 36,121
12	Weighted Cost of Interest Rate Management Products									
13	Total GMO Long-Term Debt Capital								\$1,083,614,000	\$55,245,704
14	GMO Weighted Avg. Cost of Long-Term Debt Capital							5.098%		

GREAT PLAINS ENERGY ONLY

<u>Unsecured Notes</u>											
1	Senior Notes Due 2017 - 6.875% Coupon (5)	\$100,000,000	9/20/2007	9/15/2017	\$100,000,000	\$516,000	\$737,098	\$98,746,902	7.052%	\$100,000,000	\$7,051,752
2	Senior Notes Due 2021 - 4.85% Coupon	\$350,000,000	5/16/2011	6/1/2021	\$350,000,000	\$336,000	\$2,650,976	\$347,013,024	4.959%	\$350,000,000	\$17,357,475
3	Senior Notes Due 2022 - 5.292% Coupon	\$287,500,000	3/19/2012	6/15/2022	\$287,500,000	(\$6,584,013)	\$2,576,301	\$291,507,712	5.112%	\$287,500,000	\$14,697,605
4	Unamortized Discount on Senior Notes									(\$353,552)	
5	Unamortized Premium on Senior Notes									\$4,778,719	
6	Weighted Cost of Interest Rate Management Products										\$453,103
7	Total GPE Only Long-Term Debt Capital									\$741,925,167	\$39,559,935
8	GPE Only Weighted Avg. Cost of Long-Term Debt Capital								5.332%		

<u>Elimination of Intercompany Debt</u>											
9	Intercompany Debt - GPE Senior Notes due 2	(\$347,389,000)	5/16/11	6/1/21	(\$347,389,000)			(\$347,389,000)	4.970%	(\$347,389,000)	(\$17,265,233)
10	Intercompany Debt - GPE Senior Notes due 2	(\$287,500,000)	3/19/12	6/15/22	(\$287,500,000)			(\$287,500,000)	5.150%	(\$287,500,000)	(\$14,806,250)
11	GPE Only Long-Term Debt Capital net of Intercompany Debt									\$107,036,167	\$7,488,452

GREAT PLAINS ENERGY, KANSAS CITY POWER & LIGHT and GMO

12	Total GPE, KCP&L and GMO Long-Term Debt Capital									\$3,503,102,665	\$194,478,888
13	GPE, KCP&L and GMO Weighted Avg. Cost of Long-Term Debt Capital								5.552%		

- (1) Expenses associated with the Senior Notes are being amortized over a 10 year period.
- (2) Expenses associated with the Senior Notes are being amortized over a 30 year period.
- (3) Expenses associated with the Senior Notes are being amortized over a 10 year period.
- (4) Expenses associated with the Senior Notes are being amortized over a 30 year period.
- (5) Expenses associated with the Senior Notes are being amortized over a 10 year period.

Source: Response to Staff Data Request No. 0120

Kansas City Power Light Company
Case No. ER-2014-0370

Capital Structure as of December 31, 2014
Great Plains Energy

(\$ in 000's)

Capital Component	Dollar Amount	Percentage of Capital
Common Stock Equity	\$ 3,586,145	50.31%
Preferred Stock	\$ 39,000	0.55%
Long-Term Debt	\$ 3,503,103 *	49.14%
Total Capitalization	\$ 7,128,248	100.00%

Note: *Includes current maturities of long-term debt.

Source: KCPL Updated Response to Staff Data Request No. 0120.

**Kansas City Power Light Company
Case No. ER-2014-0370**

Criteria for Selecting Comparable Electric Utility Companies

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
SNL Financial Power Companies	Ticker	Stock Publicly Traded	Regulated Utility (EEI)	At least 50% of Plant from Electric Utility	At least 25% of Electric Plant Generation	At Least 80% of Income from Regulated Utility Operations	No Reduced Dividend Since 2011	At Least Investment Grade Credit Rating (2 of 3 agencies)	L- T Growth Coverage from at least 2 equity analysts in last 90 days and Current L-T Growth Available	No Announced Merger or Acquisition	Comparable Company Met All Criteria
AES Corporation	AES	Yes	NA								
ALLETE, Inc.	ALE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No		
Alliant Energy Corporation	LNT	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ameren Corporation	AEE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
American Electric Power Company	AEP	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Atlantic Power Corporation	ATP	Yes	NA								
Avista Corporation	AVA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No		
Black Hills Corporation	BKH	Yes	Yes	No							
Calpine Corporation	CPN	Yes	NA								
CenterPoint Energy, Inc.	CNP	Yes	No								
Chesapeake Utilities Corporation	CPK	Yes	NA								
Cleco Corporation	CNL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No		
CMS Energy Corporation	CMS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Consolidated Edison, Inc.	ED	Yes	Yes	Yes	No						
Covanta Holding Corporation	CVA	Yes	NA								
Dominion Resources, Inc.	D	Yes	No								
DTE Energy Company	DTE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Duke Energy Corporation	DUK	Yes	Yes	Yes	Yes	No					
Dynegy Inc.	DYN	Yes	NA								
Edison International	EIX	Yes	Yes	Yes	No						
El Paso Electric Company	EE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No		
Empire District Electric Company	EDE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No		
Entergy Corporation	ETR	Yes	Yes	Yes	Yes	No					
Exelon Corporation	EXC	Yes	No								
FirstEnergy Corp.	FE	Yes	No								
Great Plains Energy Inc.	GXP	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Hawaiian Electric Industries, Inc.	HE	Yes	No								
IDACORP, Inc.	IDA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No		
Integrus Energy Group, Inc.	TEG	Yes	Yes	No							
ITC Holdings Corp.	ITC	Yes	NA								
MDU Resources Group, Inc.	MDU	Yes	No								
MGE Energy, Inc.	MGEE	Yes	No								
NextEra Energy Partners, LP	NEP	Yes	NA								
NextEra Energy, Inc.	NEE	Yes	No								
NiSource Inc.	NI	Yes	No								
Northeast Utilities	NU	Yes	Yes	Yes	No						
NorthWestern Corporation	NWE	Yes	Yes	Yes	No						
NRG Energy, Inc.	NRG	Yes	NA								
NRG Yield, Inc.	NYLD	Yes	NA								
OGE Energy Corp.	OGE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ormat Technologies, Inc.	ORA	Yes	NA								
Otter Tail Corporation	OTTR	Yes	Yes	Yes	Yes	No					
Pattern Energy Group Inc.	PEGI	Yes	NA								
Pepco Holdings, Inc.	POM	Yes	Yes	Yes	No						
PG&E Corporation	PCG	Yes	Yes	Yes	No						
Pinnacle West Capital Corporation	PNW	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PNM Resources, Inc.	PNM	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Portland General Electric Company	POR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PPL Corporation	PPL	Yes	No								
Public Service Enterprise Group Inc.	PEG	Yes	No								
SCANA Corporation	SCG	Yes	No								
Sempra Energy	SRE	Yes	No								
Southern Company	SO	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Spark Energy, Inc.	SPKE	Yes	NA								
TECO Energy, Inc.	TE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
TerraForm Power, Inc.	TERP	Yes	NA								
UGI Corporation	UGI	Yes	NA								
UIL Holdings Corporation	UIL	Yes	Yes	Yes	No						
Unitil Corporation	UTL	Yes	Yes	No							
UNS Energy Corporation	NA	No									
Vectren Corporation	VVC	Yes	No								
Westar Energy, Inc.	WR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Wisconsin Energy Corporation	WEC	Yes	Yes	Yes	Yes	No					
Xcel Energy Inc.	XEL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Sources: Columns 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 and 11 = SNL Financial.
Column 4 = Edison Electric Institute 2013 Financial Review

NA = Not available.

**Kansas City Power Light Company
Case No. ER-2014-0370**

**Comparable Electrical Utility Companies
for Kansas City Power & Light Company**

Number	Ticker Symbol	Company Name	S&P Corporate Credit Rating
1	LNT	Alliant Energy	A-
2	AEE	Ameren Corp.	BBB+
3	AEP	American Electric Power	BBB
4	CMS	CMS Energy Corporation	BBB+
5	DTE	DTE Energy Company	BBB+
6	GXP	Great Plains Energy	BBB+
7	OGE	OGE Energy Corp.	A-
8	PNW	Pinnacle West Capital	A-
9	PNM	PNM Resources, Inc.	BBB
10	POR	Portland General Electric Company	BBB
11	SO	Southern Company	A
12	TE	TECO Energy, Inc.	BBB+
13	WR	Westar Energy, Inc.	BBB+
14	XEL	Xcel Energy	A-
Average			<u>BBB+</u>
Kansas City Power & Light Company KCP&L Stand-Alone Credit Profile is 'A-'			BBB+

Kansas City Power Light Company
Case No. ER-2014-0370

Dividends Per Share
for the Fourteen Comparable Companies

Company Name	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002
Alliant Energy	2.35	2.20	2.04	1.88	1.80	1.70	1.58	1.50	1.40	0.95	1.47	1.05	1.01	1.00	2.00
Ameren Corp.	1.74	1.67	1.61	1.60	1.60	1.56	1.54	1.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54
American Electric Power	2.23	2.13	2.03	1.95	1.88	1.85	1.71	1.64	1.64	1.58	1.50	1.42	1.40	1.65	2.40
CMS Energy Corp.	1.23	1.15	1.08	1.02	0.96	0.84	0.66	0.50	0.36	0.20	0.00	0.00	0.00	0.00	1.09
DTE Energy Company	2.98	2.83	2.69	2.59	2.42	2.32	2.18	2.12	2.12	2.12	2.08	2.06	2.06	2.06	2.06
Great Plains Energy	1.09	1.00	0.94	0.88	0.86	0.84	0.83	0.83	1.66	1.66	1.66	1.66	1.66	1.66	1.66
OGE Energy Corp.	1.12	1.04	0.95	0.85	0.80	0.76	0.73	0.71	0.70	0.68	0.67	0.67	0.67	0.67	0.67
Pinnacle West Capital	2.53	2.42	2.33	2.23	2.67	2.10	2.10	2.10	2.10	2.10	2.03	1.93	1.83	1.73	1.63
PNM Resources, Inc.	0.91	0.80	0.76	0.68	0.58	0.50	0.50	0.50	0.61	0.92	0.88	0.79	0.67	0.61	0.59
Portland General Electric Company	1.30	1.19	1.12	1.10	1.08	1.06	1.04	1.01	0.97	0.93	0.68	NA	NA	NA	NA
Southern Company	2.22	2.15	2.08	2.01	1.94	1.87	1.80	1.73	1.66	1.60	1.54	1.48	1.42	1.39	1.36
TECO Energy, Inc.	0.91	0.90	0.88	0.88	0.88	0.85	0.82	0.80	0.80	0.78	0.76	0.76	0.76	0.93	1.41
Westar Energy, Inc.	1.55	1.45	1.40	1.36	1.32	1.28	1.24	1.20	1.16	1.08	1.00	0.92	0.80	0.76	1.20
Xcel Energy	1.31	1.25	1.20	1.11	1.07	1.03	1.00	0.97	0.94	0.91	0.88	0.85	0.81	0.75	1.13

	<u>10-Year Historical</u>	<u>5-Year Historical</u>	<u>3-Year Projected</u>
Alliant Energy	3.61%	8.23%	7.71%
Ameren Corp.	-4.50%	-6.19%	2.93%
American Electric Power	0.73%	3.81%	4.65%
CMS Energy Corp.	10.87%	23.62%	6.36%
DTE Energy Company	2.21%	3.87%	4.91%
Great Plains Energy	-6.03%	-8.43%	7.23%
OGE Energy Corp.	2.68%	4.39%	9.51%
Pinnacle West Capital	3.38%	2.75%	4.37%
PNM Resources, Inc.	0.78%	-0.10%	10.10%
Portland General Electric Company	NA	2.45%	5.98%
Southern Company	3.81%	3.88%	3.40%
TECO Energy, Inc.	-1.58%	2.18%	1.12%
Westar Energy, Inc.	3.99%	3.47%	4.38%
Xcel Energy	2.33%	3.63%	5.65%
Average	1.71%	3.40%	5.59%
Average without OGE and TECO	1.92%	3.42%	5.64%

**Kansas City Power Light Company
Case No. ER-2014-0370**

**Earnings Per Share
for the Fourteen Comparable Companies**

Company Name	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002
Alliant Energy	3.84	3.64	3.48	3.29	2.93	2.92	2.62	1.00	2.54	3.78	2.90	0.48	1.93	1.54	0.97
Ameren Corp.	2.71	2.56	2.42	2.11	2.13	1.79	0.58	2.78	2.88	2.98	2.66	3.13	2.84	3.14	2.61
American Electric Power	3.72	3.54	3.34	3.04	2.60	3.25	2.53	2.97	3.40	2.87	2.52	2.64	2.85	1.35	1.46
CMS Energy Corp.	2.00	1.88	1.76	1.71	1.43	1.65	1.50	0.87	1.25	-0.62	-0.66	-0.71	0.68	-0.30	-2.84
DTE Energy Company	4.91	4.60	5.11	3.76	3.89	4.21	3.75	3.24	3.22	4.62	2.19	3.30	2.67	2.87	3.57
Great Plains Energy	1.84	1.68	1.57	1.62	1.36	1.27	1.55	1.16	1.16	1.41	1.74	2.18	2.39	2.72	2.10
OGE Energy Corp.	2.26	2.10	1.99	1.96	1.80	1.75	1.52	1.34	1.25	1.33	1.24	0.90	0.84	0.83	0.52
Pinnacle West Capital	4.01	3.86	3.59	3.69	3.54	3.01	3.05	2.34	2.59	2.83	2.67	NA	2.70	2.47	2.79
PNM Resources, Inc.	1.84	1.57	1.46	1.26	1.32	1.98	-0.49	0.58	-3.66	0.77	1.55	1.00	1.45	0.99	1.09
Portland General Electric Company	2.39	2.28	2.24	1.36	1.87	1.95	1.66	1.31	1.39	2.33	1.14	NA	NA	NA	NA
Southern Company	2.98	2.87	2.19	1.88	2.70	2.57	2.37	2.07	2.26	2.29	2.12	2.14	2.07	2.03	1.86
TECO Energy, Inc.	1.17	1.11	0.92	0.88	1.14	1.17	1.12	1.00	0.77	1.90	1.18	1.02	-1.85	0.56	1.81
Westar Energy, Inc.	2.54	2.42	2.40	2.29	2.15	1.95	1.81	1.28	1.69	1.83	1.88	1.54	1.19	2.24	1.23
Xcel Energy	2.21	2.09	2.03	1.91	1.86	1.72	1.62	1.49	1.47	1.38	1.39	1.23	1.30	1.31	1.37

	<u>10-Year Historical</u>	<u>5-Year Historical</u>	<u>3-Year Projected</u>
Alliant Energy	8.13%	5.79%	5.31%
Ameren Corp.	-2.51%	-5.07%	8.65%
American Electric Power	4.72%	-0.57%	6.97%
CMS Energy Corp.	NA	26.71%	5.41%
DTE Energy Company	3.43%	2.86%	9.32%
Great Plains Energy	-4.50%	4.05%	4.42%
OGE Energy Corp.	10.16%	7.96%	4.85%
Pinnacle West Capital	3.12%	6.87%	2.81%
PNM Resources, Inc.	1.36%	NA	13.48%
Portland General Electric Company	NA	1.69%	20.65%
Southern Company	1.28%	0.45%	16.57%
TECO Energy, Inc.	18.91%	-4.34%	10.11%
Westar Energy, Inc.	3.91%	7.34%	3.45%
Xcel Energy	3.84%	5.97%	5.06%
Average	4.32%	4.59%	8.36%
Average without OGE and TECO	2.28%	5.10%	8.51%

**Kansas City Power Light Company
Case No. ER-2014-0370**

**Book Value Per Share
for the Fourteen Comparable Companies**

Company Name	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002
Alliant Energy	35.77	34.03	31.00	29.58	28.25	27.14	26.09	25.06	25.56	24.30	22.83	20.85	22.13	21.37	19.89
Ameren Corp.	29.42	28.67	27.67	26.97	27.27	32.64	32.15	33.09	32.80	32.41	31.86	31.09	29.71	26.73	24.93
American Electric Power	38.10	36.45	34.37	32.98	31.37	30.33	28.33	27.49	26.33	25.17	23.73	23.08	21.51	19.93	20.85
CMS Energy Corp.	15.23	14.37	13.34	12.98	12.10	11.92	11.19	11.42	10.94	9.46	10.03	10.53	10.63	9.84	7.48
DTE Energy Company	51.29	49.16	47.05	44.73	42.78	41.41	39.67	37.96	36.77	35.86	33.02	32.44	31.85	31.36	27.26
Great Plains Energy	24.62	23.87	23.26	22.58	21.75	21.74	21.26	20.62	21.39	18.18	16.70	16.51	15.35	13.82	13.58
OGE Energy Corp.	17.69	16.88	16.27	15.30	14.01	13.06	11.73	10.52	10.14	9.16	8.79	7.59	7.14	6.87	6.27
Pinnacle West Capital	43.50	41.29	39.50	38.07	36.20	34.98	33.86	32.69	34.16	35.15	34.48	34.58	32.14	30.97	29.40
PNM Resources, Inc.	22.13	21.23	21.61	21.01	20.19	19.76	17.73	19.03	19.03	22.03	22.24	18.89	18.19	17.84	16.60
Portland General Electric Company	26.97	26.23	24.43	23.29	22.87	22.07	21.14	20.50	21.64	21.05	19.58	19.15	29.91	27.69	26.40
Southern Company	24.69	23.81	21.98	21.43	21.09	20.34	19.21	18.15	17.08	16.23	15.24	14.42	13.86	13.13	12.16
TECO Energy, Inc.	11.68	11.43	10.96	10.74	10.58	10.50	10.10	9.75	9.43	9.56	8.25	7.64	6.43	8.93	14.85
Westar Energy, Inc.	27.68	26.92	25.02	23.88	22.89	22.03	21.25	20.59	20.18	19.14	17.61	16.31	16.13	13.98	13.41
Xcel Energy	22.19	21.22	20.20	19.21	18.19	17.44	16.76	15.92	15.35	14.70	14.28	13.37	12.99	12.95	11.70

	<u>10-Year Historical</u>	<u>5-Year Historical</u>	<u>3-Year Projected</u>
Alliant Energy	3.43%	3.46%	6.54%
Ameren Corp.	0.07%	-3.58%	2.94%
American Electric Power	4.71%	4.56%	4.94%
CMS Energy Corp.	3.23%	3.84%	5.48%
DTE Energy Company	4.05%	4.00%	4.67%
Great Plains Energy	4.69%	2.35%	2.92%
OGE Energy Corp.	8.43%	8.86%	4.95%
Pinnacle West Capital	2.09%	2.21%	4.54%
PNM Resources, Inc.	1.79%	0.89%	1.74%
Portland General Electric Company	-1.72%	2.24%	5.01%
Southern Company	5.12%	4.62%	4.83%
TECO Energy, Inc.	0.66%	2.35%	2.84%
Westar Energy, Inc.	5.13%	3.69%	5.04%
Xcel Energy	4.34%	4.62%	4.93%
Average	3.29%	3.15%	4.38%
Average without OGE and TECO	3.08%	2.74%	4.47%

Kansas City Power Light Company
Case No. ER-2014-0370

Ten-Year Dividends Per Share, Earnings Per Share & Book Value Per Share Growth Rates
for the Fourteen Comparable Companies

Company Name	----- 10-Year Annual Compound Growth Rates -----			Average of 10 Year Annual Compound Growth Rates
Company Name	DPS	EPS	BVPS	Growth Rates
Alliant Energy	3.61%	8.13%	3.43%	5.06%
Ameren Corp.	-4.50%	-2.51%	0.07%	-2.31%
American Electric Power	0.73%	4.72%	4.71%	3.39%
CMS Energy Corp.	10.87%	NA	3.23%	7.05%
DTE Energy Company	2.21%	3.43%	4.05%	3.23%
Great Plains Energy	-6.03%	-4.50%	4.69%	-1.95%
OGE Energy Corp.	2.68%	10.16%	8.43%	7.09%
Pinnacle West Capital	3.38%	3.12%	2.09%	2.86%
PNM Resources, Inc.	0.78%	1.36%	1.79%	1.31%
Portland General Electric Company	NA	NA	-1.72%	-1.72%
Southern Company	3.81%	1.28%	5.12%	3.40%
TECO Energy, Inc.	-1.58%	18.91%	0.66%	6.00%
Westar Energy, Inc.	3.99%	3.91%	5.13%	4.34%
Xcel Energy	2.33%	3.84%	4.34%	3.50%
Average	1.71%	4.32%	3.29%	2.95%
Average without OGE and TECO	1.92%	2.28%	3.08%	2.35%

Source: SNL Financial.

**Kansas City Power Light Company
Case No. ER-2014-0370**

**Five-Year Dividends Per Share, Earnings Per Share & Book Value Per Share Growth Rates
for the Fourteen Comparable Companies**

Company Name	----- 5-Year Annual Compound Growth Rates -----			Average of 5 Year Annual Compound Growth Rates
	DPS	EPS	BVPS	
Alliant Energy	8.23%	5.79%	3.46%	5.83%
Ameren Corp.	-6.19%	-5.07%	-3.58%	-4.95%
American Electric Power	3.81%	-0.57%	4.56%	2.60%
CMS Energy Corp.	23.62%	26.71%	3.84%	18.06%
DTE Energy Company	3.87%	2.86%	4.00%	3.58%
Great Plains Energy	-8.43%	4.05%	2.35%	-0.67%
OGE Energy Corp.	4.39%	7.96%	8.86%	7.07%
Pinnacle West Capital	2.75%	6.87%	2.21%	3.94%
PNM Resources, Inc.	-0.10%	NA	0.89%	0.40%
Portland General Electric Company	2.45%	1.69%	2.24%	2.13%
Southern Company	3.88%	0.45%	4.62%	2.98%
TECO Energy, Inc.	2.18%	-4.34%	2.35%	0.06%
Westar Energy, Inc.	3.47%	7.34%	3.69%	4.83%
Xcel Energy	3.63%	5.97%	4.62%	4.74%
Average	3.40%	4.59%	3.15%	3.61%
Average without OGE and TECO	3.42%	5.10%	2.74%	3.62%

Source: SNL Financial.

**Kansas City Power Light Company
Case No. ER-2014-0370**

**Historical and Projected Growth Rates for the
Fourteen Comparable Electric Companies**

Company Name	(1)	(2)	(3)
	10-Year Historical Growth Rate (DPS, EPS and BVPS)	5-Year Historical Growth Rate (DPS, EPS and BVPS)	Projected 5-Year EPS Growth FactSet (Mean) (%)
Alliant Energy	5.06%	5.83%	6.05
Ameren Corp.	-2.31%	-4.95%	7.15
American Electric Power	3.39%	2.60%	5.47
CMS Energy Corp.	NM	NM	5.87
DTE Energy Company	3.23%	3.58%	5.79
Great Plains Energy	-1.95%	-0.67%	4.58
OGE Energy Corp.	7.09%	7.07%	5.15
Pinnacle West Capital	2.86%	3.94%	4.93
PNM Resources, Inc.	1.31%	NM	6.76
Portland General Electric Company	-1.72%	2.13%	6.29
Southern Company	3.40%	2.98%	3.98
TECO Energy, Inc.	6.00%	0.06%	8.45
Westar Energy, Inc.	4.34%	4.83%	4.65
Xcel Energy	3.50%	4.74%	5.33
Average	2.63%	2.68%	5.75
Average without OGE and TECO	1.92%	2.50%	5.57

Sources: Column 1 = Schedule 9-4
Column 2 = Schedule 9-5.
Column 3 = SNL Financial

**Kansas City Power Light Company
Case No. ER-2014-0370**

**Average High / Low Stock Price for December 2014 through February 2015
for the Comparable Electric Utility Companies**

Company Name	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	-- December 2014 --		-- January 2015 --		-- February 2015 --		Average High/Low Stock Price (12/14-02/15)
	High Stock Price	Low Stock Price	High Stock Price	Low Stock Price	High Stock Price	Low Stock Price	
Alliant Energy	69.78	61.94	70.80	65.30	69.35	62.89	66.68
Ameren Corp.	48.14	42.15	46.81	44.64	45.66	41.14	44.76
American Electric Power	63.22	56.97	65.38	59.97	63.51	57.01	61.01
CMS Energy Corp.	36.87	32.79	38.66	34.65	38.12	34.28	35.90
DTE Energy Company	90.77	80.71	92.27	85.69	90.82	80.63	86.82
Great Plains Energy	29.46	25.94	30.25	27.43	29.46	26.31	28.14
OGE Energy Corp.	36.70	32.85	36.48	33.44	35.75	32.12	34.56
Pinnacle West Capital	71.11	62.60	73.31	67.69	70.71	63.81	68.21
PNM Resources, Inc.	31.60	27.41	31.18	29.30	30.9	27.64	29.67
Portland General Electric Company	40.31	36.51	41.04	37.82	40.26	36.04	38.66
Southern Company	51.28	47.07	53.16	48.84	45.22	45.79	48.56
TECO Energy, Inc.	21.29	18.89	22.02	20.17	21.97	19.39	20.62
Westar Energy, Inc.	43.15	38.52	44.03	40.33	43.31	38.6	41.32
Xcel Energy	37.58	33.49	38.35	35.60	37.84	34.6	36.24

Notes:

Column 7 = [(Column 1 + Column 2 + Column 3 + Column 4 + Column 5 + Column 6) / 6].

Source: <http://finance.yahoo.com>

**Kansas City Power Company
Case No. ER-2014-0370**

**Constant-Growth Discounted Cash Flow (DCF) Estimated Costs of Common Equity
for the Comparable Electric Utility Companies**

	(1)	(1)	(1)	(2)	(3)
Company Name	Expected Dividend 2015	Expected Dividend 2016	Expected Annual Dividend	Average High/Low Stock Price	Projected Dividend Yield
Alliant Energy	\$1.83	\$0.39	\$2.23	\$66.677	3.34%
Ameren Corp.	\$1.39	\$0.29	\$1.68	\$44.757	3.76%
American Electric Power	\$1.78	\$0.37	\$2.15	\$61.010	3.52%
CMS Energy Corp.	\$0.96	\$0.20	\$1.16	\$35.895	3.24%
DTE Energy Company	\$2.36	\$0.50	\$2.86	\$86.815	3.29%
Great Plains Energy	\$0.84	\$0.18	\$1.02	\$28.142	3.61%
OGE Energy Corp.	\$0.86	\$0.19	\$1.05	\$34.557	3.04%
Pinnacle West Capital	\$2.02	\$0.42	\$2.44	\$68.205	3.58%
PNM Resources, Inc.	\$0.67	\$0.15	\$0.82	\$29.672	2.76%
Portland General Electric Company	\$0.99	\$0.22	\$1.21	\$38.663	3.14%
Southern Company	\$1.79	\$0.37	\$2.17	\$48.560	4.46%
TECO Energy, Inc.	\$0.75	\$0.15	\$0.90	\$20.622	4.37%
Westar Energy, Inc.	\$1.21	\$0.26	\$1.47	\$41.323	3.56%
Xcel Energy	\$1.04	\$0.22	\$1.26	\$36.243	3.48%
Average					3.51%
Average without OGE and TECO					3.48%

Proposed Div Proposed Div Proposed Dividend Yield: 3.50%

Proposed Rai Proposed Rai Proposed Range of Growth: 3.50% - 4.50%

Estimated Pr Estimated Pr Estimated Proxy Cost of Common Equity: 7.00 - 8.00%

Notes: Column 1 = Expected Annual Dividend based on each company's 2015 and 2016 fiscal years
FactSet projected dividends per share according to SNL Financial.

Column 3 = (Column 1 / Column 2).

Sources: Column 1 = SNL Financial

Column 2 = Schedule 11.

**Kansas City Power Light Company
Case No. ER-2014-0370**

**Multiple-Stage Discounted Cash Flow (DCF) Estimated Costs of Common Equity
for the Comparable Electric Utility Companies**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Company Name	Annualized Quarterly Dividend	Growth Years 1-5	6	7	Growth Years 8	9	10	Growth in Perpetuity	Cost of Equity
Alliant Energy	\$2.20	6.05%	5.54%	5.03%	4.53%	4.02%	3.51%	3.00%	7.12%
Ameren Corp.	\$1.64	7.15%	6.46%	5.77%	5.08%	4.38%	3.69%	3.00%	7.88%
American Electric Power	\$2.12	5.47%	5.06%	4.65%	4.24%	3.82%	3.41%	3.00%	7.19%
CMS Energy Corp.	\$1.16	5.87%	5.39%	4.91%	4.44%	3.96%	3.48%	3.00%	7.00%
DTE Energy Company	\$2.76	5.79%	5.33%	4.86%	4.40%	3.93%	3.47%	3.00%	6.91%
Great Plains Energy	\$0.98	4.58%	4.32%	4.05%	3.79%	3.53%	3.26%	3.00%	6.97%
OGE Energy Corp.	\$1.00	5.15%	4.79%	4.43%	4.08%	3.72%	3.36%	3.00%	6.42%
Pinnacle West Capital	\$2.38	4.93%	4.61%	4.29%	3.97%	3.64%	3.32%	3.00%	7.06%
PNM Resources, Inc.	\$0.80	6.76%	6.13%	5.51%	4.88%	4.25%	3.63%	3.00%	6.54%
Portland General Electric	\$1.12	6.29%	5.74%	5.19%	4.65%	4.10%	3.55%	3.00%	6.68%
Southern Company	\$2.10	3.98%	3.82%	3.65%	3.49%	3.33%	3.16%	3.00%	7.74%
TECO Energy, Inc.	\$0.90	8.45%	7.54%	6.63%	5.73%	4.82%	3.91%	3.00%	9.23%
Westar Energy, Inc.	\$1.44	4.65%	4.38%	4.10%	3.83%	3.55%	3.28%	3.00%	6.99%
Xcel Energy	\$1.28	5.33%	4.94%	4.55%	4.17%	3.78%	3.39%	3.00%	7.22%
Average									7.21%
Average without OGE and TECO									7.11%
Average of Broad Group without Ameren and PNM for Backdating Comparision									7.21%
Average of Refined Group without Ameren and PNM for Backdating Comparision									7.09%

Sources: Column 1 = SNL Financial

Column 2 = Schedule 10-6

Column 8 = See range of averages from Schedules 14-1 through Schedule 14-4.

**Kansas City Power Light Company
Case No. ER-2014-0370**

**Multiple-Stage Discounted Cash Flow (DCF) Estimated Costs of Common Equity
for the Comparable Electric Utility Companies**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Company Name	Annualized Quarterly Dividend	Growth Years 1-5	6	7	Growth Years 8	9	10	Growth in Perpetuity	Cost of Equity
Alliant Energy	\$2.20	6.05%	5.63%	5.20%	4.78%	4.35%	3.93%	3.50%	7.51%
Ameren Corp.	\$1.64	7.15%	6.54%	5.93%	5.33%	4.72%	4.11%	3.50%	8.26%
American Electric Power	\$2.12	5.47%	5.14%	4.81%	4.49%	4.16%	3.83%	3.50%	7.57%
CMS Energy Corp.	\$1.16	5.87%	5.48%	5.08%	4.69%	4.29%	3.90%	3.50%	7.39%
DTE Energy Company	\$2.76	5.79%	5.41%	5.03%	4.65%	4.26%	3.88%	3.50%	7.31%
Great Plains Energy	\$0.98	4.58%	4.40%	4.22%	4.04%	3.86%	3.68%	3.50%	7.36%
OGE Energy Corp.	\$1.00	5.15%	4.88%	4.60%	4.33%	4.05%	3.78%	3.50%	6.83%
Pinnacle West Capital	\$2.38	4.93%	4.69%	4.45%	4.22%	3.98%	3.74%	3.50%	7.45%
PNM Resources, Inc.	\$0.80	6.76%	6.22%	5.67%	5.13%	4.59%	4.04%	3.50%	6.94%
Portland General Electric	\$1.12	6.29%	5.83%	5.36%	4.90%	4.43%	3.97%	3.50%	7.08%
Southern Company	\$2.10	3.98%	3.90%	3.82%	3.74%	3.66%	3.58%	3.50%	8.11%
TECO Energy, Inc.	\$0.90	8.45%	7.63%	6.80%	5.98%	5.15%	4.33%	3.50%	9.57%
Westar Energy, Inc.	\$1.44	4.65%	4.46%	4.27%	4.08%	3.88%	3.69%	3.50%	7.38%
Xcel Energy	\$1.28	5.33%	5.03%	4.72%	4.42%	4.11%	3.81%	3.50%	7.60%
Average									7.60%
Average without OGE and TECO									7.50%

Average of Broad Group without Ameren and PNM for Backdating Comparision 7.60%
Average of Refined Group without CMS, OGE, Ameren and PNM for Backdating Comparision 7.48%

Sources: Column 1 = SNL Financial.
Column 2 = Schedule 10-6
Column 8 = See range of averages from Schedules 14-1 through Schedule 14-4.

**Kansas City Power Light Company
Case No. ER-2014-0370**

**Multiple-Stage Discounted Cash Flow (DCF) Estimated Costs of Common Equity
for the Comparable Electric Utility Companies**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Company Name	Annualized Quarterly Dividend	Growth Years 1-5	6	7	Growth Years 8	9	10	Growth in Perpetuity	Cost of Equity
Alliant Energy	\$2.20	6.05%	5.71%	5.37%	5.03%	4.68%	4.34%	4.00%	7.91%
Ameren Corp.	\$1.64	7.15%	6.63%	6.10%	5.58%	5.05%	4.53%	4.00%	8.63%
American Electric Power	\$2.12	5.47%	5.23%	4.98%	4.74%	4.49%	4.25%	4.00%	7.97%
CMS Energy Corp.	\$1.16	5.87%	5.56%	5.25%	4.94%	4.62%	4.31%	4.00%	7.78%
DTE Energy Company	\$2.76	5.79%	5.49%	5.19%	4.90%	4.60%	4.30%	4.00%	7.70%
Great Plains Energy	\$0.98	4.58%	4.48%	4.39%	4.29%	4.19%	4.10%	4.00%	7.76%
OGE Energy Corp.	\$1.00	5.15%	4.96%	4.77%	4.58%	4.38%	4.19%	4.00%	7.24%
Pinnacle West Capital	\$2.38	4.93%	4.78%	4.62%	4.47%	4.31%	4.16%	4.00%	7.85%
PNM Resources, Inc.	\$0.80	6.76%	6.30%	5.84%	5.38%	4.92%	4.46%	4.00%	7.34%
Portland General Electric	\$1.12	6.29%	5.91%	5.53%	5.15%	4.76%	4.38%	4.00%	7.49%
Southern Company	\$2.10	3.98%	3.98%	3.99%	3.99%	3.99%	4.00%	4.00%	8.49%
TECO Energy, Inc.	\$0.90	8.45%	7.71%	6.97%	6.23%	5.48%	4.74%	4.00%	9.92%
Westar Energy, Inc.	\$1.44	4.65%	4.54%	4.43%	4.33%	4.22%	4.11%	4.00%	7.77%
Xcel Energy	\$1.28	5.33%	5.11%	4.89%	4.67%	4.44%	4.22%	4.00%	7.99%
Average									7.99%
Average without OGE and TECO									7.89%
Average of Broad Group without Ameren and PNM for Backdating Comparison									7.99%
Average of Refined Group without OGE, TECO, Ameren and PNM for Backdating Comparison									7.87%

Sources: Column 1 = SNL Financial.

Column 2 = Schedule 10-6

Column 8 = See range of averages from Schedules 14-1 through Schedule 14-4.

**Kansas City Power Light Company
Case No. ER-2014-0370**

**Multiple-Stage Discounted Cash Flow (DCF) Estimated Costs of Common Equity
for the Comparable Electric Utility Companies**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Company Name	Annualized Quarterly Dividend	Growth Years 1-5	6	7	Growth Years 8	9	10	Growth in Perpetuity	Cost of Equity
Alliant Energy	\$2.20	6.05%	5.78%	5.50%	5.23%	4.95%	4.68%	4.40%	8.22%
Ameren Corp.	\$1.64	7.15%	6.69%	6.23%	5.78%	5.32%	4.86%	4.40%	8.94%
American Electric Power	\$2.12	5.47%	5.29%	5.11%	4.94%	4.76%	4.58%	4.40%	8.28%
CMS Energy Corp.	\$1.16	5.87%	5.63%	5.38%	5.14%	4.89%	4.65%	4.40%	8.10%
DTE Energy Company	\$2.76	5.79%	5.56%	5.33%	5.10%	4.86%	4.63%	4.40%	8.02%
Great Plains Energy	\$0.98	4.58%	4.55%	4.52%	4.49%	4.46%	4.43%	4.40%	8.07%
OGE Energy Corp.	\$1.00	5.15%	5.03%	4.90%	4.78%	4.65%	4.53%	4.40%	7.56%
Pinnacle West Capital	\$2.38	4.93%	4.84%	4.75%	4.67%	4.58%	4.49%	4.40%	8.17%
PNM Resources, Inc.	\$0.80	6.76%	6.37%	5.97%	5.58%	5.19%	4.79%	4.40%	7.67%
Portland General Electric (\$1.12	6.29%	5.98%	5.66%	5.35%	5.03%	4.72%	4.40%	7.81%
Southern Company	\$2.10	3.98%	4.05%	4.12%	4.19%	4.26%	4.33%	4.40%	8.80%
TECO Energy, Inc.	\$0.90	8.45%	7.78%	7.10%	6.43%	5.75%	5.08%	4.40%	10.21%
Westar Energy, Inc.	\$1.44	4.65%	4.61%	4.57%	4.53%	4.48%	4.44%	4.40%	8.09%
Xcel Energy	\$1.28	5.33%	5.18%	5.02%	4.87%	4.71%	4.56%	4.40%	8.31%
								Average	8.30%
								Average without OGE and TECO	8.21%

Sources: Column 1 = SNL Financial.

Column 2 = Schedule 10-6

Column 8 = Compounding the expected GDP price deflator of 2% with the long term real GDP growth of 2.35%.

**Kansas City Power Light Company
Case No. ER-2014-0370**

**Central Region Electric Utility Proxy Group
EPS**

Ten-Year Compound Growth Rate Averages (1968-1999)

Years	Dayton P & L/ DPL	Detroit Edison/ DTE	Empire	IPALCO	Kansas City P & L	Northern States Power	Okla. Gas & Electric/ OGE Energy Corp.	SJL&P	WPS Resources/ Wisconsin Public Serv.	WI Energy/ WI Electric Power	Average
1968-70 to 1978-80	-1.74%	-0.57%	0.24%	4.13%	1.77%	4.13%	1.16%	1.40%	6.23%	6.32%	2.31%
1969-71 to 1979-81	-0.21%	0.05%	-0.64%	4.30%	2.62%	4.02%	0.48%	1.66%	6.60%	6.79%	2.57%
1970-72 to 1980-82	0.98%	-0.46%	0.41%	3.14%	3.24%	4.48%	1.88%	2.66%	6.41%	7.24%	3.00%
1971-73 to 1981-83	2.72%	0.53%	2.64%	2.87%	4.83%	6.11%	2.90%	4.03%	6.92%	7.77%	4.13%
1972-74 to 1982-84	3.71%	1.48%	5.33%	4.69%	6.44%	7.64%	3.02%	5.65%	7.78%	8.25%	5.40%
1973-75 to 1983-85	4.19%	3.60%	6.21%	5.91%	7.60%	8.08%	2.58%	6.94%	8.54%	9.39%	6.30%
1974-76 to 1984-86	4.19%	4.41%	6.50%	5.86%	5.75%	8.03%	2.81%	7.89%	7.98%	9.60%	6.30%
1975-77 to 1985-87	5.10%	4.69%	5.70%	4.19%	4.26%	7.59%	2.90%	8.10%	6.81%	9.18%	5.85%
1976-78 to 1986-88	5.84%	4.29%	5.68%	5.40%	3.02%	7.24%	3.92%	7.95%	5.98%	8.86%	5.82%
1977-79 to 1987-89	6.16%	3.93%	5.49%	5.09%	4.12%	6.73%	5.22%	8.49%	5.08%	8.96%	5.93%
1978-80 to 1988-90	5.61%	4.41%	5.52%	5.11%	3.09%	6.07%	6.65%	8.20%	4.35%	9.08%	5.81%
1979-81 to 1989-91	3.75%	5.35%	6.06%	4.67%	1.90%	5.45%	6.56%	7.68%	3.70%	8.07%	5.32%
1980-82 to 1990-92	2.46%	6.83%	4.65%	4.43%	0.31%	3.15%	3.63%	5.76%	3.91%	6.16%	4.13%
1981-83 to 1991-93	1.00%	6.06%	2.56%	3.11%	-1.01%	1.58%	1.58%	3.37%	3.45%	4.33%	2.60%
1982-84 to 1992-94	1.31%	4.75%	-0.16%	1.44%	-2.03%	0.83%	0.71%	2.88%	2.19%	2.64%	1.46%
1983-85 to 1993-95	1.36%	2.97%	-1.18%	1.78%	-2.21%	1.85%	1.81%	2.46%	1.03%	2.58%	1.24%
1984-86 to 1994-96	1.71%	1.79%	-1.39%	3.31%	-1.08%	2.26%	2.15%	2.56%	0.20%	2.27%	1.38%
1985-87 to 1995-97	1.65%	0.64%	-1.47%	4.22%	0.35%	1.90%	2.19%	1.90%	0.12%	-0.46%	1.10%
1986-88 to 1996-98	2.28%	0.57%	-0.92%	4.59%	1.57%	1.50%	2.11%	1.34%	-0.86%	-2.24%	0.99%
1987-89 to 1997-99	2.62%	1.08%	-0.46%	5.06%	0.15%	0.40%	2.36%	0.49%	-0.38%	-3.07%	0.83%
Average	2.73%	2.82%	2.54%	4.17%	2.23%	4.45%	2.83%	4.57%	4.30%	5.59%	3.62%

Kansas City Power Light Company
Case No. ER-2014-0370
Central Region Electric Utility Proxy Group
DPS

Ten-Year Compound Growth Rate Averages (1968-1999)

Years	Dayton P & L/ DPL	Detroit Edison/ DTE	Empire	IPALCO	Kansas City P & L	Northern States Power	Okla. Gas & Electric/ OGE Energy Corp.	SJL&P	WPS Resources/ Wisconsin Public Serv.	WI Energy/ WI Electric Power	Average
1968-70 to 1978-80	0.90%	1.17%	2.45%	3.52%	3.34%	3.37%	3.79%	1.89%	4.36%	5.46%	3.03%
1969-71 to 1979-81	0.87%	1.43%	2.17%	4.15%	3.03%	3.76%	3.52%	1.89%	4.69%	5.70%	3.12%
1970-72 to 1980-82	1.04%	1.59%	1.90%	4.69%	3.17%	4.02%	3.32%	2.01%	5.13%	5.98%	3.28%
1971-73 to 1981-83	1.41%	1.64%	1.98%	4.92%	3.56%	4.39%	3.35%	2.28%	5.64%	6.23%	3.54%
1972-74 to 1982-84	1.70%	1.60%	2.32%	4.95%	4.13%	4.88%	3.49%	2.82%	6.18%	6.37%	3.84%
1973-75 to 1983-85	1.89%	1.48%	2.86%	5.03%	4.45%	5.60%	3.62%	3.50%	6.72%	6.52%	4.17%
1974-76 to 1984-86	1.89%	1.48%	3.31%	5.19%	4.12%	6.31%	3.75%	4.32%	7.18%	6.78%	4.43%
1975-77 to 1985-87	2.01%	1.44%	3.77%	5.73%	3.40%	6.78%	3.91%	4.97%	7.38%	7.08%	4.65%
1976-78 to 1986-88	2.26%	1.28%	4.14%	5.65%	2.96%	6.95%	4.04%	5.36%	7.30%	7.34%	4.73%
1977-79 to 1987-89	2.56%	0.94%	4.50%	5.49%	3.16%	6.96%	4.14%	5.72%	7.00%	7.51%	4.80%
1978-80 to 1988-90	2.83%	0.86%	4.81%	4.96%	3.58%	6.86%	4.27%	6.10%	6.66%	7.65%	4.86%
1979-81 to 1989-91	2.92%	0.99%	5.08%	4.80%	3.77%	6.72%	4.33%	6.53%	6.26%	7.68%	4.91%
1980-82 to 1990-92	2.83%	1.38%	5.27%	4.53%	3.78%	6.54%	4.30%	6.63%	5.83%	7.59%	4.87%
1981-83 to 1991-93	2.59%	1.70%	5.18%	4.24%	3.47%	6.22%	4.02%	6.49%	5.30%	7.29%	4.65%
1982-84 to 1992-94	2.59%	1.93%	4.80%	3.96%	3.02%	5.75%	3.64%	6.03%	4.65%	6.89%	4.33%
1983-85 to 1993-95	2.89%	2.06%	4.22%	3.75%	2.72%	5.14%	3.21%	5.50%	3.88%	6.44%	3.98%
1984-86 to 1994-96	3.41%	2.06%	3.58%	3.69%	3.14%	4.49%	2.77%	4.90%	3.15%	6.00%	3.72%
1985-87 to 1995-97	3.79%	2.06%	2.92%	1.92%	3.74%	3.91%	2.33%	4.42%	2.63%	5.54%	3.33%
1986-88 to 1996-98	3.95%	2.06%	2.30%	0.76%	3.99%	3.46%	1.87%	3.92%	2.39%	5.00%	2.97%
1987-89 to 1997-99	3.81%	2.06%	1.74%	-0.41%	3.52%	3.11%	1.42%	3.37%	2.31%	4.36%	2.53%
Average	2.41%	1.56%	3.46%	4.08%	3.50%	5.26%	3.46%	4.43%	5.23%	6.47%	3.99%

**Kansas City Power Light Company
Case No. ER-2014-0370**

**Central Region Electric Utility Proxy Group
BVPS
Ten-Year Compound Growth Rate Averages (1968-1999)**

Years	Dayton P & L/ DPL	Detroit Edison/ DTE	Empire	IPALCO	Kansas City P & L	Northern States Power	Okla. Gas & Electric/ OGE Energy Corp.	SJL&P	WPS Resources/ Wisconsin Public Serv.	WI Energy/ WI Electric Power	Average
1968-70 to 1978-80	1.40%	0.04%	2.37%	5.21%	1.88%	4.34%	5.76%	1.28%	4.13%	4.03%	3.05%
1969-71 to 1979-81	0.84%	-0.35%	1.93%	4.93%	1.51%	4.19%	4.58%	1.15%	4.37%	3.71%	2.69%
1970-72 to 1980-82	0.28%	-0.88%	1.63%	4.43%	1.19%	4.15%	3.83%	1.13%	4.50%	3.84%	2.41%
1971-73 to 1981-83	0.16%	-1.30%	1.58%	3.84%	1.20%	4.31%	3.00%	1.31%	4.57%	4.09%	2.27%
1972-74 to 1982-84	0.27%	-1.51%	1.89%	3.77%	1.35%	4.72%	2.66%	1.65%	4.89%	4.49%	2.42%
1973-75 to 1983-85	0.25%	-1.27%	2.32%	3.99%	1.88%	5.18%	2.33%	2.36%	5.27%	5.02%	2.73%
1974-76 to 1984-86	0.30%	-0.77%	2.82%	4.47%	2.26%	5.56%	2.43%	3.27%	5.56%	5.52%	3.14%
1975-77 to 1985-87	0.27%	-0.18%	3.17%	4.63%	2.54%	5.73%	2.33%	4.20%	5.57%	5.86%	3.41%
1976-78 to 1986-88	0.66%	-0.61%	3.51%	4.82%	2.32%	5.80%	2.33%	4.89%	5.42%	6.11%	3.53%
1977-79 to 1987-89	1.13%	-1.05%	3.79%	4.77%	2.28%	5.80%	2.30%	5.41%	5.16%	6.38%	3.60%
1978-80 to 1988-90	1.80%	-1.34%	4.17%	4.79%	2.28%	5.74%	2.57%	5.69%	4.77%	6.69%	3.72%
1979-81 to 1989-91	2.31%	-0.30%	4.59%	4.84%	2.44%	5.65%	2.92%	5.82%	4.27%	6.91%	3.95%
1980-82 to 1990-92	2.29%	0.97%	4.88%	4.92%	2.41%	5.43%	2.96%	5.72%	3.96%	6.94%	4.05%
1981-83 to 1991-93	1.97%	2.03%	4.82%	4.84%	2.10%	5.14%	2.75%	5.41%	3.75%	6.74%	3.95%
1982-84 to 1992-94	1.84%	2.72%	4.36%	4.50%	1.71%	4.77%	2.37%	5.01%	3.57%	6.33%	3.72%
1983-85 to 1993-95	2.33%	2.95%	3.83%	4.15%	1.17%	4.46%	2.16%	4.60%	3.29%	5.91%	3.48%
1984-86 to 1994-96	2.78%	2.82%	3.34%	3.73%	0.78%	4.21%	1.91%	4.27%	2.99%	5.48%	3.23%
1985-87 to 1995-97	3.14%	2.52%	2.92%	2.52%	0.41%	4.01%	1.85%	3.99%	2.77%	4.81%	2.89%
1986-88 to 1996-98	3.26%	3.25%	2.56%	1.45%	0.50%	3.81%	1.86%	3.75%	2.43%	3.99%	2.69%
1987-89 to 1997-99	3.42%	4.16%	2.20%	1.19%	0.42%	3.56%	2.04%	3.47%	2.20%	3.17%	2.58%
Average	1.54%	0.60%	3.13%	4.09%	1.63%	4.83%	2.75%	3.72%	4.17%	5.30%	3.18%

**Kansas City Power Light Company
Case No. ER-2014-0370**

**Central Region Electric Utility Proxy Group
DPS, EPS, BVPS & GDP
Ten-Year Compound Growth Rate Averages (1968-1999)**

<u>DPS</u>			<u>EPS</u>			<u>BVPS</u>			<u>Average</u>	<u>GDP</u>
<u>Years</u>	<u>10 yr compound growth rate avgs</u>	<u>Years</u>	<u>10 yr compound growth rate avgs</u>	<u>Years</u>	<u>10 yr compound growth rate avgs</u>	<u>DPS, EPS and BVPS</u>	<u>Years</u>	<u>10 yr compound growth rate avgs</u>		
1968-70 to 1978-80	3.03%	1968-70 to 1978-80	2.31%	1968-70 to 1978-80	3.05%	2.79%	1968-70 to 1978-80	10.05%		
1969-71 to 1979-81	3.12%	1969-71 to 1979-81	2.57%	1969-71 to 1979-81	2.69%	2.79%	1969-71 to 1979-81	10.41%		
1970-72 to 1980-82	3.28%	1970-72 to 1980-82	3.00%	1970-72 to 1980-82	2.41%	2.90%	1970-72 to 1980-82	10.42%		
1971-73 to 1981-83	3.54%	1971-73 to 1981-83	4.13%	1971-73 to 1981-83	2.27%	3.32%	1971-73 to 1981-83	10.22%		
1972-74 to 1982-84	3.84%	1972-74 to 1982-84	5.40%	1972-74 to 1982-84	2.42%	3.89%	1972-74 to 1982-84	10.03%		
1973-75 to 1983-85	4.17%	1973-75 to 1983-85	6.30%	1973-75 to 1983-85	2.73%	4.40%	1973-75 to 1983-85	9.96%		
1974-76 to 1984-86	4.43%	1974-76 to 1984-86	6.30%	1974-76 to 1984-86	3.14%	4.63%	1974-76 to 1984-86	9.77%		
1975-77 to 1985-87	4.65%	1975-77 to 1985-87	5.85%	1975-77 to 1985-87	3.41%	4.64%	1975-77 to 1985-87	9.34%		
1976-78 to 1986-88	4.73%	1976-78 to 1986-88	5.82%	1976-78 to 1986-88	3.53%	4.69%	1976-78 to 1986-88	8.80%		
1977-79 to 1987-89	4.80%	1977-79 to 1987-89	5.93%	1977-79 to 1987-89	3.60%	4.77%	1977-79 to 1987-89	8.32%		
1978-80 to 1988-90	4.86%	1978-80 to 1988-90	5.81%	1978-80 to 1988-90	3.72%	4.79%	1978-80 to 1988-90	7.92%		
1979-81 to 1989-91	4.91%	1979-81 to 1989-91	5.32%	1979-81 to 1989-91	3.95%	4.72%	1979-81 to 1989-91	7.38%		
1980-82 to 1990-92	4.87%	1980-82 to 1990-92	4.13%	1980-82 to 1990-92	4.05%	4.35%	1980-82 to 1990-92	7.06%		
1981-83 to 1991-93	4.65%	1981-83 to 1991-93	2.60%	1981-83 to 1991-93	3.95%	3.74%	1981-83 to 1991-93	6.72%		
1982-84 to 1992-94	4.33%	1982-84 to 1992-94	1.46%	1982-84 to 1992-94	3.72%	3.17%	1982-84 to 1992-94	6.49%		
1983-85 to 1993-95	3.98%	1983-85 to 1993-95	1.24%	1983-85 to 1993-95	3.48%	2.90%	1983-85 to 1993-95	6.12%		
1984-86 to 1994-96	3.72%	1984-86 to 1994-96	1.38%	1984-86 to 1994-96	3.23%	2.78%	1984-86 to 1994-96	5.89%		
1985-87 to 1995-97	3.33%	1985-87 to 1995-97	1.10%	1985-87 to 1995-97	2.89%	2.44%	1985-87 to 1995-97	5.81%		
1986-88 to 1996-98	2.97%	1986-88 to 1996-98	0.99%	1986-88 to 1996-98	2.69%	2.22%	1986-88 to 1996-98	5.73%		
1987-89 to 1997-99	2.53%	1987-89 to 1997-99	0.83%	1987-89 to 1997-99	2.58%	1.98%	1987-89 to 1997-99	5.63%		
Average	3.99%	Average	3.62%	Average	3.18%		Average	8.10%		
Average of 10-year Rolling Averages EPS, DPS and BVPS			3.59%							

Sources: Value Line Investment Survey and St. Louis Federal Reserve Website

**Kansas City Power Light Company
Case No. ER-2014-0370**

Updated Multiple-Stage Discounted Cash Flow (DCF) Estimated Costs of Common Equity
for "the 2012 Rate Cases" Comparable Electric Utility Companies

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Company Name	Annualized Quarterly Dividend	Growth Years 1-5	Growth Years 6	7	8	9	10	Growth in Perpetuity	Cost of Equity
Alliant Energy	\$2.20	6.05%	5.54%	5.03%	4.53%	4.02%	3.51%	3.00%	7.12%
American Electric Powe	\$2.12	5.47%	5.06%	4.65%	4.24%	3.82%	3.41%	3.00%	7.19%
Cleco Corp.	\$1.60	4.00%	3.83%	3.67%	3.50%	3.33%	3.17%	3.00%	6.23%
Great Plains Energy	\$0.98	4.58%	4.32%	4.05%	3.79%	3.53%	3.26%	3.00%	6.97%
IDACORP, Inc.	\$1.88	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	5.92%
Pinnacle West Capital	\$2.38	4.93%	4.61%	4.29%	3.97%	3.64%	3.32%	3.00%	7.06%
Southern Company	\$2.10	3.98%	3.82%	3.65%	3.49%	3.33%	3.16%	3.00%	7.74%
Westar Energy, Inc.	\$1.44	4.65%	4.38%	4.10%	3.83%	3.55%	3.28%	3.00%	6.99%
Wisconsin Energy	\$1.69	5.27%	4.89%	4.51%	4.14%	3.76%	3.38%	3.00%	6.75%
Xcel Energy	\$1.28	5.33%	4.94%	4.55%	4.17%	3.78%	3.39%	3.00%	7.22%
								Average	6.92%
								Average w/o Cleco and Wisconsin Energy	7.02%

Sources: Column 1 = SNL Financial

Column 8 = See range of averages from Schedules 13-1 through Schedule 13-4.

**Kansas City Power Light Company
Case No. ER-2014-0370**

Updated Multiple-Stage Discounted Cash Flow (DCF) Estimated Costs of Common Equity
for "the 2012 Rate Cases" Comparable Electric Utility Companies

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Company Name	Annualized Quarterly Dividend	Growth Years 1-5	Growth Years 6	7	8	9	10	Growth in Perpetuity	Cost of Equity
Alliant Energy	\$2.20	6.05%	5.63%	5.20%	4.78%	4.35%	3.93%	3.50%	7.51%
American Electric Powe	\$2.12	5.47%	5.14%	4.81%	4.49%	4.16%	3.83%	3.50%	7.57%
Cleco Corp.	\$1.60	4.00%	3.92%	3.83%	3.75%	3.67%	3.58%	3.50%	6.64%
Great Plains Energy	\$0.98	4.58%	4.40%	4.22%	4.04%	3.86%	3.68%	3.50%	7.36%
IDACORP, Inc.	\$1.88	3.00%	3.08%	3.17%	3.25%	3.33%	3.42%	3.50%	6.34%
Pinnacle West Capital	\$2.38	4.93%	4.69%	4.45%	4.22%	3.98%	3.74%	3.50%	7.45%
Southern Company	\$2.10	3.98%	3.90%	3.82%	3.74%	3.66%	3.58%	3.50%	8.11%
Westar Energy, Inc.	\$1.44	4.65%	4.46%	4.27%	4.08%	3.88%	3.69%	3.50%	7.38%
Wisconsin Energy	\$1.69	5.27%	4.98%	4.68%	4.39%	4.09%	3.80%	3.50%	7.15%
Xcel Energy	\$1.28	5.33%	5.03%	4.72%	4.42%	4.11%	3.81%	3.50%	7.60%
								Average	7.31%
								Average w/o Cleco and Wisconsin Energy	7.42%

Sources: Column 1 = SNL Financial

Column 8 = See range of averages from Schedules 13-1 through Schedule 13-4

**Kansas City Power Light Company
Case No. ER-2014-0370**

Updated Multiple-Stage Discounted Cash Flow (DCF) Estimated Costs of Common Equity
for "the 2012 Rate Cases" Comparable Electric Utility Companies

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Company Name	Annualized Quarterly Dividend	Growth Years 1-5	Growth Years 6	7	8	9	10	Growth in Perpetuity	Cost of Equity
Alliant Energy	\$2.20	6.05%	5.71%	5.37%	5.03%	4.68%	4.34%	4.00%	7.91%
American Electric Powe	\$2.12	5.47%	5.23%	4.98%	4.74%	4.49%	4.25%	4.00%	7.97%
Cleco Corp.	\$1.60	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	7.05%
Great Plains Energy	\$0.98	4.58%	4.48%	4.39%	4.29%	4.19%	4.10%	4.00%	7.76%
IDACORP, Inc.	\$1.88	3.00%	3.17%	3.33%	3.50%	3.67%	3.83%	4.00%	6.76%
Pinnacle West Capital	\$2.38	4.93%	4.78%	4.62%	4.47%	4.31%	4.16%	4.00%	7.85%
Southern Company	\$2.10	3.98%	3.98%	3.99%	3.99%	3.99%	4.00%	4.00%	8.49%
Westar Energy, Inc.	\$1.44	4.65%	4.54%	4.43%	4.33%	4.22%	4.11%	4.00%	7.77%
Wisconsin Energy	\$1.69	5.27%	5.06%	4.85%	4.64%	4.42%	4.21%	4.00%	7.55%
Xcel Energy	\$1.28	5.33%	5.11%	4.89%	4.67%	4.44%	4.22%	4.00%	7.99%
								Average	7.71%
								Average w/o Cleco and Wisconsin Energy	7.81%

Sources: Column 1 = SNL Financial

Column 8 = See range of averages from Schedules 13-1 through Schedule 13-4.

**Kansas City Power light Company
Case No. ER-2014-0370**

**Backdated Multiple-Stage Discounted Cash Flow (DCF) Estimated Costs of Common Equity
for the Comparable Electric Utility Companies**

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Company Name	Annualized Quarterly Dividend	Growth Years 1-5	6	7	Growth Years 8	9	10	Growth in Perpetuity	Cost of Equity
Alliant Energy	\$1.80	6.18%	5.73%	5.29%	4.84%	4.39%	3.95%	3.50%	8.53%
American Electric Power	\$1.88	3.09%	3.16%	3.23%	3.30%	3.36%	3.43%	3.50%	8.47%
CMS Energy Corp.	\$0.96	5.90%	5.50%	5.10%	4.70%	4.30%	3.90%	3.50%	8.67%
DTE Energy Company	\$2.35	4.38%	4.23%	4.09%	3.94%	3.79%	3.65%	3.50%	8.13%
Great Plains Energy	\$0.85	7.63%	6.94%	6.25%	5.57%	4.88%	4.19%	3.50%	9.15%
OGE Energy Corp.	\$0.79	5.87%	5.48%	5.08%	4.69%	4.29%	3.90%	3.50%	7.07%
Pinnacle West Capital	\$2.10	6.18%	5.73%	5.29%	4.84%	4.39%	3.95%	3.50%	8.87%
Portland General Electric	\$1.06	4.35%	4.21%	4.07%	3.93%	3.78%	3.64%	3.50%	8.12%
Southern Company	\$1.89	5.33%	5.03%	4.72%	4.42%	4.11%	3.81%	3.50%	8.36%
TECO Energy, Inc.	\$0.88	5.20%	4.92%	4.63%	4.35%	4.07%	3.78%	3.50%	9.23%
Westar Energy, Inc.	\$1.32	5.75%	5.38%	5.00%	4.63%	4.25%	3.88%	3.50%	9.12%
Xcel Energy	\$1.04	4.65%	4.46%	4.27%	4.08%	3.88%	3.69%	3.50%	7.86%
Average without Ameren and PNM									8.47%
Average without OGE, TECO, Cleco & Wisconsin									8.53%

Sources: Column 1 = SNL Financial

Column 8 = See range of averages from Schedules 13-1 through Schedule 13-4.

**Kansas City Power Light Company
Case No. ER-2014-0370**

**Capital Asset Pricing Model (CAPM) Costs of Common Equity Estimates
Based on Historical Return Differences Between Common Stocks and Long-Term U.S. Treasuries
for the Comparable Electric Utility Companies**

	(1)	(2)	(3)	(4)	(5)	(6)
			Arithmetic Average Market Risk Premium (1926-2013)	Geometric Average Market Risk Premium (1926-2013)	Arithmetic CAPM Cost of Common Equity (1926-2013)	Geometric CAPM Cost of Common Equity (1926-2013)
Company Name	Risk Free Rate	Beta				
Alliant Energy	2.78%	0.83	6.20%	4.64%	7.90%	6.61%
Ameren Corp.	2.78%	0.75	6.20%	4.64%	7.44%	6.27%
American Electric Power	2.78%	0.72	6.20%	4.64%	7.23%	6.11%
CMS Energy Corp.	2.78%	0.76	6.20%	4.64%	7.48%	6.30%
DTE Energy Company	2.78%	0.75	6.20%	4.64%	7.40%	6.23%
Great Plains Energy	2.78%	0.87	6.20%	4.64%	8.15%	6.79%
OGE Energy Corp.	2.78%	0.94	6.20%	4.64%	8.60%	7.14%
Pinnacle West Capital	2.78%	0.77	6.20%	4.64%	7.56%	6.36%
PNM Resources, Inc.	2.78%	0.86	6.20%	4.64%	8.10%	6.76%
Portland General Electric Co.	2.78%	0.79	6.20%	4.64%	7.65%	6.42%
Southern Company	2.78%	0.55	6.20%	4.64%	6.19%	5.33%
TECO Energy Inc.	2.78%	0.85	6.20%	4.64%	8.02%	6.70%
Westar Energy, Inc.	2.78%	0.77	6.20%	4.64%	7.56%	6.36%
Xcel Energy	2.78%	0.66	6.20%	4.64%	6.86%	5.83%
Average		0.77			7.58%	6.37%
Average without OGE and TECO		0.76			7.46%	6.28%

Column 1 = The appropriate yield is equal to the average 30-year U.S. Treasury Bond yield for November 2014, December 2014 and January 2015 which was obtained from the St. Louis Federal Reserve website at <http://research.stlouisfed.org/fred2/data/GS30.txt>

Column 2 = Beta is a measure of the movement and relative risk of an individual stock to the market as a whole. Staff calculated the unadjusted Beta for each company using an Excel spreadsheet designed specifically to be used with the SNL database market and financial information, then adjusted each Beta using the Blume adjustment formula as used by Value Line: Adjusted Beta = 0.35 + 0.67 * Unadjusted Beta

Column 3 = The Market Risk Premium represents the expected return from holding the entire market portfolio less the expected return from holding a risk free investment. The appropriate Market Risk Premium for the period 1926 - 2013 was determined to be 6.20% based on an arithmetic average as calculated in Duff & Phelps 2014 Valuation Handbook: A Guide to the Cost of Capital.

Column 4 = The Market Risk Premium represents the expected return from holding the entire market portfolio less the expected return from holding a risk free investr a risk free investment. The appropriate Market Risk Premium for the period 1926 - 2013 was determined to be 4.64% based on a geometric averag geometric average calculated by using the arithmetic average as calculated in Duff & Phelps 2014 Valuation Handbook: A Guide to the Cost of Capital.

$$R_A = R_g + (\sigma^2/2)$$

R_A = Arithmetic Return Average
 R_g = Geometric Return Average
 σ = standard deviation of equity returns

Column 5 = (Column 1 + (Column 2 * Column 3)).

Column 6 = (Column 1 + (Column 2 * Column 4)).

**Kansas City Power Light Company
Case No. ER-2014-0370**

**Recommended Allowed Return on Equity and Rate of Return as of December 31, 2014
for Kansas City Power and Light Company**

Capital Component	Percentage of Capital	Embedded Cost	9.00%	9.25%	9.50%
Common Stock Equity	50.31%	-----	4.53%	4.65%	4.78%
Preferred Common Stock	0.55%	4.29%	0.02%	0.02%	0.02%
Long-Term Debt	49.14%	5.55%	2.73%	2.73%	2.73%
Total	100.00%		7.28%	7.41%	7.53%

Allowed Rate of Return Using
Common Equity Return of:

Notes:

See Schedule 7 for the Capital Structure Ratios.