



SUPPLEMENTAL INVESTOR INFORMATION

First Quarter 2013

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NOTE:

The financial data and statistics in this document reflect the financial position and operating results of Great Plains Energy, its electric utility segment and Kansas City Power & Light Company (KCP&L) and KCP&L Greater Missouri Operations Company (GMO), its utility subsidiaries, through March 31, 2013. Please refer to our Quarterly Report on Form 10-Q for unaudited financial statements. This document has been prepared primarily for security analysts and investors in the hope that it will serve as a convenient and useful reference document. The format of this document may change in the future as we continue to try to meet the needs of security analysts and investors. This document is not intended for use in connection with any sale, offer to sell, or solicitation of any offer to buy securities.

GREAT PLAINS ENERGY INCORPORATED
Consolidated Statements of Income
(Unaudited)

Three Months Ended March 31	2013	2012
Operating Revenues	(millions, except per share amounts)	
Electric revenues	\$ 542.2	\$ 479.7
Operating Expenses		
Fuel	132.2	119.3
Purchased power	38.8	24.7
Transmission of electricity by others	11.4	7.3
Utility operating and maintenance expenses	155.2	163.1
Depreciation and amortization	70.2	67.4
General taxes	47.8	44.5
Other	0.5	4.4
Total	456.1	430.7
Operating income	86.1	49.0
Non-operating income	2.5	0.9
Non-operating expenses	(1.3)	(1.8)
Interest charges	(49.7)	(66.9)
Income (loss) before income tax (expense) benefit and loss from equity investments	37.6	(18.8)
Income tax (expense) benefit	(11.5)	9.5
Loss from equity investments, net of income taxes	(0.1)	-
Net income (loss)	26.0	(9.3)
Less: Net loss attributable to noncontrolling interest	-	0.2
Net income (loss) attributable to Great Plains Energy	26.0	(9.1)
Preferred stock dividend requirements	0.4	0.4
Earnings (loss) available for common shareholders	\$ 25.6	\$ (9.5)
Average number of basic common shares outstanding	153.4	135.9
Average number of diluted common shares outstanding	153.7	135.9
Basic and diluted earnings (loss) per common share	\$ 0.17	\$ (0.07)
Cash dividends per common share	\$ 0.2175	\$ 0.2125

The Notes to the Consolidated Financial Statements in the Company's Quarterly Report on Form 10-Q for the period ended March 31, 2013, should be read in conjunction with this financial information.

GREAT PLAINS ENERGY INCORPORATED
Consolidated Balance Sheets
(Unaudited)

	March 31 2013	December 31 2012
ASSETS	(millions, except share amounts)	
Current Assets		
Cash and cash equivalents	\$ 11.6	\$ 9.3
Funds on deposit	2.9	1.0
Receivables, net	137.6	154.5
Accounts receivable pledged as collateral	175.0	174.0
Fuel inventories, at average cost	102.6	95.1
Materials and supplies, at average cost	151.9	151.3
Deferred refueling outage costs	40.5	11.9
Refundable income taxes	9.7	9.5
Deferred income taxes	3.1	88.5
Derivative instruments	1.3	1.0
Prepaid expenses and other assets	28.3	27.6
Total	<u>664.5</u>	<u>723.7</u>
Utility Plant, at Original Cost		
Electric	11,211.0	11,160.5
Less - accumulated depreciation	4,482.2	4,424.2
Net utility plant in service	<u>6,728.8</u>	<u>6,736.3</u>
Construction work in progress	672.9	584.5
Nuclear fuel, net of amortization of \$160.3 and \$157.4	81.1	81.3
Total	<u>7,482.8</u>	<u>7,402.1</u>
Investments and Other Assets		
Nuclear decommissioning trust fund	164.3	154.7
Regulatory assets	1,101.1	1,120.9
Goodwill	169.0	169.0
Derivative instruments	5.4	5.5
Other	70.6	71.4
Total	<u>1,510.4</u>	<u>1,521.5</u>
Total	<u>\$ 9,657.7</u>	<u>\$ 9,647.3</u>

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GREAT PLAINS ENERGY INCORPORATED
Consolidated Balance Sheets
(Unaudited)

	March 31 2013	December 31 2012
LIABILITIES AND CAPITALIZATION		
(millions, except share amounts)		
Current Liabilities		
Notes payable	\$ 11.0	\$ 12.0
Collateralized note payable	175.0	174.0
Commercial paper	367.0	530.1
Current maturities of long-term debt	257.1	263.1
Accounts payable	235.1	330.2
Accrued taxes	57.5	27.1
Accrued interest	62.0	41.5
Accrued compensation and benefits	37.7	44.8
Pension and post-retirement liability	2.8	2.8
Other	21.5	23.9
Total	<u>1,226.7</u>	<u>1,449.5</u>
Deferred Credits and Other Liabilities		
Deferred income taxes	759.9	832.4
Deferred tax credits	128.4	128.8
Asset retirement obligations	151.7	149.3
Pension and post-retirement liability	556.0	557.5
Regulatory liabilities	291.1	283.8
Other	113.2	110.2
Total	<u>2,000.3</u>	<u>2,062.0</u>
Capitalization		
Great Plains Energy common shareholders' equity		
Common stock - 250,000,000 shares authorized without par value		
153,839,967 and 153,779,806 shares issued, stated value	2,625.4	2,624.7
Retained earnings	750.9	758.8
Treasury stock - 121,417 and 250,236 shares, at cost	(2.6)	(5.1)
Accumulated other comprehensive loss	(35.2)	(38.4)
Total	<u>3,338.5</u>	<u>3,340.0</u>
Cumulative preferred stock \$100 par value		
3.80% - 100,000 shares issued	10.0	10.0
4.50% - 100,000 shares issued	10.0	10.0
4.20% - 70,000 shares issued	7.0	7.0
4.35% - 120,000 shares issued	12.0	12.0
Total	<u>39.0</u>	<u>39.0</u>
Long-term debt	3,053.2	2,756.8
Total	<u>6,430.7</u>	<u>6,135.8</u>
Commitments and Contingencies		
Total	<u>\$ 9,657.7</u>	<u>\$ 9,647.3</u>

The Notes to the Consolidated Financial Statements in the Company's Quarterly Report on Form 10-Q for the period ended March 31, 2013, should be read in conjunction with this financial information.

GREAT PLAINS ENERGY INCORPORATED
Consolidated Statements of Cash Flows
(Unaudited)

Three Months Ended March 31	2013	2012
Cash Flows from Operating Activities	(millions)	
Net income (loss)	\$ 26.0	\$ (9.3)
Adjustments to reconcile income to net cash from operating activities:		
Depreciation and amortization	70.2	67.4
Amortization of:		
Nuclear fuel	2.9	1.4
Other	14.1	4.5
Deferred income taxes, net	12.2	(9.1)
Investment tax credit amortization	(0.4)	(0.6)
Loss from equity investments, net of income taxes	0.1	-
Other operating activities	(36.1)	(0.2)
Net cash from operating activities	<u>89.0</u>	<u>54.1</u>
Cash Flows from Investing Activities		
Utility capital expenditures	(172.2)	(126.5)
Allowance for borrowed funds used during construction	(1.7)	(1.5)
Purchases of nuclear decommissioning trust investments	(44.2)	(7.3)
Proceeds from nuclear decommissioning trust investments	43.3	6.5
Other investing activities	(3.7)	(2.0)
Net cash from investing activities	<u>(178.5)</u>	<u>(130.8)</u>
Cash Flows from Financing Activities		
Issuance of common stock	1.3	1.5
Issuance of long-term debt	299.7	-
Issuance fees	(2.0)	(1.9)
Repayment of long-term debt	(9.3)	(13.4)
Net change in short-term borrowings	(164.1)	107.8
Net change in collateralized short-term borrowings	1.0	15.0
Dividends paid	(33.8)	(29.3)
Other financing activities	(1.0)	(3.0)
Net cash from financing activities	<u>91.8</u>	<u>76.7</u>
Net Change in Cash and Cash Equivalents	<u>2.3</u>	<u>-</u>
Cash and Cash Equivalents at Beginning of Year	<u>9.3</u>	<u>6.2</u>
Cash and Cash Equivalents at End of Period	<u>\$ 11.6</u>	<u>\$ 6.2</u>

The Notes to the Consolidated Financial Statements in the Company's Quarterly Report on Form 10-Q for the period ended March 31, 2013, should be read in conjunction with this financial information.

Great Plains Energy Incorporated
Electric Utility Segment
(Unaudited)

Electric Utility Results

Three Months Ended March 31	2013	2012
	(millions)	
Operating revenues	\$ 542.2	\$ 479.7
Fuel	(132.2)	(119.3)
Purchased power	(38.8)	(24.7)
Transmission of electricity by others	(11.4)	(7.3)
Gross margin ^(a)	359.8	328.4
Other operating expenses	(202.8)	(207.4)
Depreciation and amortization	(70.2)	(67.4)
Operating income	86.8	53.6
Non-operating income and expenses	1.2	(0.2)
Interest charges	(47.8)	(50.7)
Income tax (expense) benefit	(12.6)	1.8
Net income	\$ 27.6	\$ 4.5

Electric Utility Gross Margin

Three Months Ended March 31	Revenues and Costs		% Change	MWhs Sold		% Change
	2013	2012		2013	2012	
Retail revenues	(millions)			(thousands)		
Residential	\$ 226.6	\$ 190.1	19	2,354	2,056	14
Commercial	208.7	188.8	10	2,525	2,463	3
Industrial	44.3	42.8	3	706	757	(7)
Other retail revenues	5.0	5.0	4	31	31	-
Kansas property tax surcharge	0.1	1.5	N/M	N/A	N/A	N/A
Fuel recovery mechanism	8.2	6.4	28	N/A	N/A	N/A
Total retail	492.9	434.6	13	5,616	5,307	6
Wholesale revenues	34.4	33.6	3	1,246	1,133	10
Other revenues	14.9	11.5	29	N/A	N/A	N/A
Operating revenues	542.2	479.7	13	6,862	6,440	7
Fuel	(132.2)	(119.3)	11			
Purchased power	(38.8)	(24.7)	57			
Transmission of electricity by others	(11.4)	(7.3)	57			
Gross margin ^(a)	\$ 359.8	\$ 328.4	10			

^(a) Gross margin is a financial measure that is not calculated in accordance with generally accepted accounting principles (GAAP). Gross margin, as used by Great Plains Energy, is defined as operating revenues less fuel, purchased power and transmission of electricity by others. The Company's expense for fuel, purchased power and transmission of electricity by others, offset by wholesale sales margin, is subject to recovery through cost adjustment mechanisms, except for KCP&L's Missouri retail operations. As a result, operating revenues increase or decrease in relation to a significant portion of these expenses. Management believes that gross margin provides a more meaningful basis for evaluating the Electric Utility segment's operations across periods than operating revenues because gross margin excludes the revenue effect of fluctuations in these expenses. Gross margin is used internally to measure performance against budget and in reports to management and the Board of Directors. The Company's definition of gross margin may differ from similar terms used by other companies.

Electric Utility Generation

Three Months Ended March 31	2013	2012	% Change
Net MWhs Generated by Fuel Type	(thousands)		
Coal	5,570	5,538	1
Nuclear	454	201	126
Natural gas and oil	3	-	N/M
Wind	76	126	(40)
Total Generation	6,103	5,865	4

Electric Utility Customers at March 31, 2013

Residential	730,000
Commercial	96,700
Industrial	2,200
Other	400
Total retail customers	829,300

Electric Utility Statistics

Three Months Ended March 31	2013	2012
Average non-firm wholesale price per MWh	\$ 26.48	\$ 28.04
Average purchased power price per MWh	\$ 31.49	\$ 22.33
Purchased power MWhs	1,134,938	967,710
Cooling degree days	-	49
Heating degree days	2,730	1,937
Equivalent availability - coal plants	80 %	88 %
Capacity factor - coal plants	69 %	68 %
Equivalent availability - nuclear	38 %	19 %
Capacity factor - nuclear	38 %	17 %
Equivalent availability - coal and nuclear	74 %	79 %
Capacity factor - coal and nuclear	65 %	61 %

Kansas City Power & Light Company
(Unaudited)

KCP&L Results

Three Months Ended March 31	2013	2012
	(millions)	
Operating revenues	\$ 366.7	\$ 327.0
Fuel	(94.5)	(84.6)
Purchased power	(19.1)	(7.0)
Transmission of electricity by others	(8.0)	(5.0)
Gross margin ^(a)	245.1	230.4
Other operating expenses	(145.2)	(153.1)
Depreciation and amortization	(47.6)	(45.7)
Operating income	52.3	31.6
Non-operating income and expenses	1.3	(0.2)
Interest charges	(32.0)	(32.4)
Income tax (expense) benefit	(5.4)	3.3
Net income	\$ 16.2	\$ 2.3

KCP&L Gross Margin

Three Months Ended March 31	Revenues and Costs		% Change	MWhs Sold		% Change
	2013	2012		2013	2012	
Retail revenues	(millions)			(thousands)		
Residential	\$ 136.1	\$ 112.6	21	1,362	1,200	14
Commercial	153.8	138.1	11	1,772	1,742	2
Industrial	26.8	26.9	-	396	450	(12)
Other retail revenues	3.2	3.2	2	23	23	-
Kansas property tax surcharge	0.1	1.5	N/M	N/A	N/A	N/A
Fuel recovery mechanism	3.9	7.7	(50)	N/A	N/A	N/A
Total retail	323.9	290.0	12	3,553	3,415	4
Wholesale revenues	38.3	32.3	19	1,401	1,089	29
Other revenues	4.5	4.7	(5)	N/A	N/A	N/A
Operating revenues	366.7	327.0	12	4,954	4,504	10
Fuel	(94.5)	(84.6)	12			
Purchased power	(19.1)	(7.0)	N/M			
Transmission of electricity by others	(8.0)	(5.0)	58			
Gross margin ^(a)	\$ 245.1	\$ 230.4	6			

^(a) Gross margin is a financial measure that is not calculated in accordance with generally accepted accounting principles (GAAP). Gross margin, as used by Great Plains Energy, is defined as operating revenues less fuel, purchased power and transmission of electricity by others. KCP&L's expense for fuel, purchased power and transmission of electricity by others, offset by wholesale sales margin, is subject to recovery through cost adjustment mechanisms, except for KCP&L's Missouri retail operations. As a result, operating revenues increase or decrease in relation to a significant portion of these expenses. Management believes that gross margin provides a more meaningful basis for evaluating KCP&L's operations across periods than operating revenues because gross margin excludes the revenue effect of fluctuations in these expenses. Gross margin is used internally to measure performance against budget and in reports to management and the Board of Directors. The Company's definition of gross margin may differ from similar terms used by other companies.

KCP&L Generation

Three Months Ended March 31	2013	2012	% Change
Net MWhs Generated by Fuel Type	(thousands)		
Coal	4,202	4,123	2
Nuclear	454	201	126
Wind	76	126	(40)
Total Generation	4,732	4,450	6

KCP&L Customers at March 31, 2013

Residential	454,600
Commercial	58,600
Industrial	2,000
Other	100
Total retail customers	515,300

KCP&L Statistics

Three Months Ended March 31	2013	2012
Average non-firm wholesale price per MWh	\$ 26.42	\$ 28.11
Average purchased power price per MWh	\$ 39.03	\$ 20.02
Purchased power - MWh	460,446	291,184
Cooling degree days	-	49
Heating degree days	2,730	1,937
Equivalent availability - coal plants	80 %	89 %
Capacity factor - coal plants	71 %	69 %
Equivalent availability - nuclear	38 %	19 %
Capacity factor - nuclear	38 %	17 %

KCP&L Greater Missouri Operations Company (GMO)
Utility Operations
(Unaudited)

GMO Utility Results

Three Months Ended March 31	2013	2012
	(millions)	
Operating revenues	\$ 180.9	\$ 152.7
Fuel	(37.7)	(34.7)
Purchased power	(25.1)	(17.7)
Transmission of electricity by others	(3.4)	(2.3)
Gross margin ^(a)	114.7	98.0
Other operating expenses	(57.6)	(54.3)
Depreciation and amortization	(22.6)	(21.7)
Operating income	34.5	22.0
Non-operating income and expenses	(0.1)	-
Interest charges	(15.8)	(18.3)
Income tax expense	(7.2)	(1.5)
Net income	\$ 11.4	\$ 2.2

GMO Utility Gross Margin

Three Months Ended March 31	Revenues and Costs		% Change	MWhs Sold		% Change
	2013	2012		2013	2012	
	(millions)			(thousands)		
Retail revenues						
Residential	\$ 90.5	\$ 77.5	17	992	856	16
Commercial	54.9	50.7	8	753	721	4
Industrial	17.5	15.9	10	310	307	1
Other retail revenues	1.8	1.8	8	8	8	1
Fuel recovery mechanism	4.3	(1.3)	N/M	N/A	N/A	N/A
Total retail	169.0	144.6	17	2,063	1,892	9
Wholesale revenues	1.5	1.3	18	47	44	8
Other revenues	10.4	6.8	52	N/A	N/A	N/A
Operating revenues	180.9	152.7	18	2,110	1,936	9
Fuel	(37.7)	(34.7)	8			
Purchased power	(25.1)	(17.7)	42			
Transmission of electricity by others	(3.4)	(2.3)	56			
Gross margin ^(a)	\$ 114.7	\$ 98.0	17			

^(a) Gross margin is a financial measure that is not calculated in accordance with generally accepted accounting principles (GAAP). Gross margin, as used by Great Plains Energy, is defined as operating revenues less fuel, purchased power and transmission of electricity by others. GMO's expense for fuel, purchased power and transmission of electricity by others, offset by wholesale sales margin, is subject to recovery through cost adjustment mechanisms. As a result, operating revenues increase or decrease in relation to a significant portion of these expenses. Management believes that gross margin provides a more meaningful basis for evaluating GMO's operations across periods than operating revenues because gross margin excludes the revenue effect of fluctuations in these expenses. Gross margin is used internally to measure performance against budget and in reports to management and the Board of Directors. The Company's definition of gross margin may differ from similar terms used by other companies.

GMO Generation

Three Months Ended March 31	2013	2012	% Change
Net MWhs Generated by Fuel Type	(thousands)		
Coal	1,368	1,415	(3)
Natural gas and oil	3	-	N/M
Total Generation	1,371	1,415	(3)

GMO Utility Customers at March 31, 2013

Residential	275,400
Commercial	38,100
Industrial	200
Other	300
Total retail customers	314,000

GMO Utility Statistics

Three Months Ended March 31	2013	2012
Average non-firm wholesale price per MWh	\$ 29.10	\$ 25.76
Average purchased power price per MWh	\$ 26.40	\$ 23.33
Purchased power - MWh	877,078	676,526
Cooling degree days	-	49
Heating degree days	2,730	1,937
Equivalent availability - coal plants	79 %	86 %
Capacity factor - coal plants	63 %	64 %