FORM 8-K

Current Report

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): July 23, 2003

Commission File Number	Registrant, State of Incorporation, Address and Telephone Number	I.R.S. Employer Identification Number
0-33207	GREAT PLAINS ENERGY INCORPORATED (A Missouri Corporation) 1201 Walnut Street Kansas City, Missouri 64106 (816) 556-2200	43-1916803
	NOT APPLICABLE (Former name or former address, if changed since last report)	
1-707	KANSAS CITY POWER & LIGHT COMPANY (A Missouri Corporation) 1201 Walnut Street Kansas City, Missouri 64106 (816) 556-2200	44-0308720
	NOT APPLICABLE (Former name or former address, if changed since last report)	

FINANCIAL STATEMENTS AND EXHIBITS

ITEM 7.

(c) Exhibit No.

Press release issued by Great Plains Energy Incorporated on July 23, 2003, announcing 2003 second quarter earnings information and affirming 2003 earnings guidance.

ITEM 9. REGULATION FD DISCLOSURE (INFORMATION PROVIDED UNDER ITEM 12 - RESULTS OF OPERATIONS AND FINANCIAL CONDITION).

The information contained in this report is being furnished pursuant to Item 12 under Item 9 of this Form 8-K in accordance with SEC Release No. 34-47583.

On July 23, 2003, Great Plains Energy Incorporated issued a press release announcing 2003 second quarter earnings information and affirming 2003 earnings guidance. A copy of the press release is attached to this report on Form 8-K as Exhibit 99.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

GREAT PLAINS ENERGY INCORPORATED

/s/Jeanie Sell Latz

Jeanie Sell Latz Executive Vice President-Corporate and Shared Services and Secretary

KANSAS CITY POWER & LIGHT COMPANY

/s/Jeanie Sell Latz

Jeanie Sell Latz Secretary

Date: July 24, 2003

Media Contact: Tom Robinson

816-556-2902

Investor Contact: Todd Kobayashi

816-556-2312

FOR IMMEDIATE RELEASE

Great Plains Energy Reports Second Quarter Results, Affirms 2003 Earnings Guidance

Kansas City, MO, July 23, 2003 -- Great Plains Energy (NYSE: GXP) today announced second quarter 2003 earnings of \$50.5 million, or \$0.73 per share compared to second quarter 2002 earnings of \$35.5 million or \$0.57 per share. During the second quarter of 2003, ongoing earnings, as detailed on attachment B, were \$32.1 million, or \$0.47 per share compared to \$35.7 million, or \$0.57 per share for 2002. For the six months ended June 30, 2003, the Company reported earnings of \$64.6 million, or \$0.93 per share compared to \$29.2 million, or \$0.47 per share from the same period in 2002. Year to date 2003 ongoing earnings, as detailed on attachment C, were \$52.9 million, or \$0.77 per share compared to 2002 ongoing earnings of \$43.3 million, or \$0.70 per share.

The differences in ongoing earnings for both periods when compared to 2002 were driven primarily by cooler June 2003 weather, higher pension costs, and increased plant maintenance expenses at Kansas City Power & Light (KCP&L). These factors were partially offset in the quarter and more than offset in the year to date comparable periods by the effects of significantly higher wholesale power revenue at KCP&L and continued growth at Strategic Energy. The November 2002 equity offering diluted the quarter and year to date 2003 earnings per share by \$0.08 and \$0.11, respectively.

The following unusual items impacted reported earnings for the 2003 periods. The effects of the June confirmation of the restructuring plan of DTI Holdings, Inc., Digital Teleport, Inc., and Digital Teleport of Virginia, Inc. and sale of substantially all of the assets of Digital Teleport, Inc. to a subsidiary of CenturyTel, Inc. contributed earnings of \$25.9 million or \$0.37 per share during the quarter and year to date 2003. The 2003 periods were also impacted by the \$7.1 million, or \$0.10 per share loss on the June 2003 disposition of the Company's interest in the residential services provider, R.S. Andrews Enterprises, Inc. The Company also experienced continuing losses through the date of disposition of \$0.4 million and \$1.6 million during the quarter and year to date, respectively. The first quarter asset impairment at KLT Gas impacted year to date 2003 earnings by \$0.08 per share. The year to date 2002 reported results were impacted \$0.16 per share from the January 2002 ice stor m and \$0.07 per share by the effects of R. S. Andrews Enterprises, Inc.

The Company affirms 2003 ongoing earnings guidance to be in the range of \$1.90 to \$2.00 per share, excluding unusual items as detailed on attachment G.

Second Quarter Highlights:

- KCP&L reported second quarter wholesale revenues of \$32.4 million, up 53%.
- -- Strategic Energy contributed earnings of \$9.6 million, up 17%.
- -- The DTI confirmation and R.S. Andrews' disposition were completed.

MORE

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Commenting on the results, Chairman Bernie Beaudoin said, "The continued strong performance at Strategic Energy and this quarter's wholesale power sales partially offset the impact of a cool June. With these results, we remain confident in our full year ongoing earnings guidance." He continued, "Eliminating businesses that no longer complement our strategic vision will allow us to focus more on creating value for our shareholders."

Kansas City Power & Light

KCP&L, an integrated regulated electric utility, reported earnings for the second quarter of \$22.3 million, or \$0.32 per share compared to 2002 second quarter earnings of \$27.3 million or \$0.44 per share. Second quarter revenues were \$247.3 million, compared with \$247.2 million in the same quarter last year.

Retail revenues for second quarter 2003 were \$211.4 million, off 5% from the second quarter of 2002 due to unfavorable June 2003 weather and the effect of the January 2003 Kansas rate reduction. Wholesale revenues increased \$11.3 million or 53% primarily due to a 35% increase in wholesale MWh sales at higher wholesale prices. KCP&L's second quarter 2003 earnings were also affected by increased pension expense and increased plant maintenance expenses.

KCP&L's ongoing earnings excluding unusual items were \$35.7 million, or \$0.52 per share for the six months ended June 30, 2003, up from \$30.1 million, or \$0.49 per share in the same period of 2002. Compared to the same period last year, wholesale revenues increased \$40.1 million or 104% reflecting a 53% increase in wholesale MWh sales at higher wholesale prices. Also impacting earnings were increased pension expense and increased plant maintenance expenses.

The November 2002 equity offering diluted the quarter and year to date 2003 earnings per share by \$0.04 and \$0.05, respectively.

Strategic Energy

Strategic Energy, a power supply coordination services provider, continued its solid performance. Earnings for the second quarter were \$9.6 million, or \$0.14 per share up 17% versus \$8.2 million, or \$0.13 per share in the same quarter last year. Revenues were up 27% to \$255.2 million. These results were driven by a 31% increase in MWh's delivered to 3.8 million from 2.9 million in the same period last year, and a 6% increase in the Company's ownership in Strategic Energy. During the quarter, Strategic Energy announced expansion into the New Jersey market and anticipates beginning power delivery later in the year.

Strategic Energy's year to date 2003 earnings were \$19.4 million, or \$0.28 per share, up 28% compared to \$15.1 million, or \$0.24 per share in 2002. Revenues were up 39% to \$484.4 million compared to \$347.6 million in the same period last year. The primary driver was a 48% increase in MWh's delivered versus last year's period and customer growth of 19%. Offsetting these gains was a decline in gross margin per MWh primarily due to higher margin contracts expiring.

MORE

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The November 2002 equity offering diluted the quarter and year to date 2003 earnings per share by \$0.01 and \$0.03, respectively.

Great Plains Energy provides in its quarterly earnings releases ongoing earnings in addition to earnings calculated in accordance with generally accepted accounting principles (GAAP). Great Plains Energy also provides its earnings guidance in terms of ongoing earnings. Ongoing earnings is a non-GAAP financial measure that differs from GAAP earnings because it excludes the effect of unusual items. Ongoing earnings for historical periods are reconciled to GAAP earnings for the same periods in attachments B and C. Great Plains Energy is unable to reconcile its 2003 ongoing earnings guidance to GAAP earnings per share because we do not predict the future impact of unusual items.

We believe ongoing earnings provides to investors a useful indicator of our results that is comparable among periods because it excludes the effects of unusual items which may occur on an irregular basis. Investors should note that this non-GAAP measure involves judgments by management including whether an item is classified as an unusual item. We use ongoing earnings internally to measure performance against budget and in reports for management.

Great Plains Energy (NYSE: GXP), headquartered in Kansas City, MO, is the holding company for three business units: Kansas City Power & Light Company, a leading regulated provider of electricity in the Midwest; Strategic Energy LLC, an energy management company providing electric load aggregation and power supply coordination; KLT Gas Inc., a subsidiary specializing in coal bed methane exploration and development. The Company's web site: www.greatplainsenergy.com.

Great Plains Energy will broadcast a discussion of these results via the Internet on Thursday, July 24, 2003 at 9:00 AM Eastern / 8:00 AM Central. The presentation can be accessed through www.greatplainsenergy.com. A replay of the webcast will be available on the web site until the close of business on August 6, 2003.

CERTAIN FORWARD-LOOKING INFORMATION -- Statements made in this release that are not based on historical facts are forward-looking, may involve risks and uncertainties, and are intended to be as of the date when made. In connection with the safe harbor provisions of the Private Securities Litigation Reform Act of 1995, the registrants are providing a number of important factors that could cause actual results to differ materially from the provided forward-looking information. These important factors include: future economic conditions in the regional, national and international markets; market perception of the energy industry and the Company; changes in business strategy, operations or development plans; state and federal legislative and regulatory actions or developments, including deregulation, re-regulation and restructuring of the electric utility industry and constraints placed on the Company's actions by the Public Utility Holding Company Act of 1935; adverse changes in applicable laws, regulations, rules, principles or practices governing tax, accounting and environmental matters including, but not limited to, air quality; financial market conditions including, but not limited to, air quality; financial market conditions including, but not limited to, retail choice in the electric utility industry and the entry of new competitors; ability to carry out marketing and sales plans; weather conditions including weather-related damage; cost and availability of fuel; ability to achieve generation planning goals and the occurrence of unplanned generating capacity; nuclear operations; ability to enter new markets successfully and ca pitalize on growth opportunities in non-regulated businesses; performance of projects

Attachment A

GREAT PLAINS ENERGY Consolidated Statements of Income

(Unaudited)

		Three Mont		ded		Year to Date June 30	e
		2003	30	2002		2003	2002
Operating Revenues				(th	ousand	S)	
Electric revenues - KCP&L	\$	247,315	\$	247,229	\$	481,707 \$	446,138
Electric revenues - Strategic Energy	*	254,824	•	200,973	•	483,776	346,987
Other revenues		1,104		888		2,375	2,301
		,				•	•
Total		503,243		449,090		967,858	795,426
Operating Expenses							
Fuel		37,110		35,350		74,504	69,357
Purchased power - KCP&L		15,868		12,301		31,941	23,232
Purchased power - Strategic Energy		226,003		175,881		425,946	300,873
Other		71,942		67,085		142,899	133,565
Maintenance		23,798		20,834		46,750	55,445
Depreciation and depletion		35,568		36,751		71,090	73,450
General taxes		23,708		22,701		48,145	45,343
(Gain) Loss on property	_	(20,523)		(126)		(11,550)	15
Total		413,474		370,777		829,725	701,280
Operating income		89,769		78,313		138,133	94,146
loss from equity investments		(293)		(316)		(586)	(632
Minority interest in subsidiaries		(2,221)		(2,918)		(4,475)	(5,355
Non-operating income		2,315		2,301		3,581	3,492
Non-operating expenses		(2,218)		(4,239)		(6,940)	(12,400
nterest charges		19,417		23,144		38,891	43,527
neame from continuing exerctions before							
ncome from continuing operations before income taxes and cumulative effect of a							
change in accounting principle		67,935		49,997		90,822	35,724
ncome taxes		9,595		13,801		16,691	1,227
ncome from continuing operations before cumulative effect of a change							
in accounting principle		58,340		36,196		74,131	34,497
oss from discontinued operations, net		(7.454.)		(220.)		(9.600.)	(1,427
Cumulative effect to January 1, 2002, of a change in accounting principle		(7,454)		(229)		(8,690)	•
a shange in accounting principie		-		-		•	(3,000
Net income		50,886		35,967		65,441	30,070
Preferred stock dividend requirements		412		411		823	823
Earnings available for common stock	\$	50,474	\$	35,556	\$	64,618 \$	29,247
_arriings available for continuon stock	Ф	50,474	φ	55,550	Φ	04,010 D	29,247

Attachment B

Great Plains Energy Consolidated Earnings and Earnings Per Share Three Months Ended June 30

	Earnings					reat Share		
	2003 2002			2003		2	002	
		(millio	ons)					
KCP&L Strategic Energy KLT Gas KLT Investments Other	\$	22.3 9.6 (0.6) 3.9 22.8	\$	27.3 8.2 (0.3) 2.7 (2.2)	\$	0.32 0.14 (0.01) 0.06 0.33	\$	0.44 0.13 - 0.04 (0.04)
Earnings from continuing operations R. S. Andrews discontinued operations, net of income taxes		58.0 (7.5)		35.7		0.84 (0.11)		0.57
Total	\$	50.5	\$	35.5	\$	0.73	\$	0.57
Reconciliation of GAAP to Non-GAAP Earnings Reconciling items Other DTI Other R. S. Andrews discontinued	\$	50.5 (25.9)	\$	35.5	\$	0.73 (0.37)	\$	0.57
operations Ongoing earnings	\$	7.5	\$	35.7	\$	0.11	\$	0.57

MORE

Attachment C

Great Plains Energy
Consolidated Earnings and Earnings Per Share
Year to Date June 30

	⊏amings					arnings pe ains Enerç		
	2	2003	2	002	2	2003	2	002
		(millio	nne)					
		(111111)	رداار					
KCP&L	\$	35.7	\$	20.4	\$	0.52	\$	0.33
Strategic Energy		19.4		15.1		0.28		0.24
KLT Gas		(7.1)		(0.4)		(0.10)		(0.01)
KLT Investments		6.2		3.2		0.09		0.05
Other		19.1		(4.7)		0.27		(0.07)
Earnings from continuing operations before cumulative effect		73.3		33.6		1.06		0.54
R. S. Andrews discontinued operations,								
net of income taxes		(8.7)		(1.4)		(0.13)		(0.02)
Cumulative effect to January 1, 2002 of a change in accounting principle		-		(3.0)		-		(0.05)
	_	0.4.0	_		_	0.00	_	0.47
Total	\$	64.6	\$	29.2	\$	0.93	\$	0.47
Reconciliation of GAAP to Non-GAAP								
Earnings	\$	64.6	\$	29.2	\$	0.93	\$	0.47
Reconciling items	Ť		•		Ť		•	
KCP&L January 2002 ice storm		_		9.7		-		0.16
KLT Gas Impairment charge		5.5		_		0.08		_
Other DTI		(25.9)		-		(0.37)		_
Other R. S. Andrews discontinued		,				` ,		
operations		8.7		1.4		0.13		0.02
R. S. Andrews cumulative effect		-		3.0		-		0.05
Ongoing earnings	\$	52.9	\$	43.3	\$	0.77	\$	0.70

Attachment D

GREAT PLAINS ENERGY INCORPORATED Summary Income Statement by Segment

		KCP&L		Strategic Energy	K	LT Gas		Other
\$ 503.3	\$	247.3	\$	255.2	\$	0.3	\$	0.5
(37.1)		(37.1)						
(241.9)		(15.8)		(226.1)				
224.3		194.4		29.1		0.3		0.5
(119.6)		(105.0)		(9.5)		(1.4)		(3.7)
(35.6)		(34.7)		(0.4)		(0.1)		(0.4)
20.6		(0.2)				0.0		20.8
89.7		54.5		19.2		(1.2)		17.2
(0.3)								(0.3)
(2.0)		(0.9)		(1.8)		0.7		
G	(37.1) (241.9) 224.3 (119.6) (35.6) 20.6	\$ 503.3 \$ (37.1) (241.9) 224.3 (119.6) (35.6) 20.6	\$ 503.3 \$ 247.3 (37.1) (37.1) (241.9) (15.8) 224.3 194.4 (119.6) (105.0) (35.6) (34.7) 20.6 (0.2) 89.7 54.5 (0.3)	\$ 503.3 \$ 247.3 \$ (37.1) (241.9) (15.8) 224.3 194.4 (119.6) (105.0) (35.6) (34.7) 20.6 (0.2) 89.7 54.5 (0.3)	\$ 503.3 \$ 247.3 \$ 255.2 (37.1) (37.1) (241.9) (15.8) (226.1) 224.3 194.4 29.1 (119.6) (105.0) (9.5) (35.6) (34.7) (0.4) 20.6 (0.2)	\$ 503.3 \$ 247.3 \$ 255.2 \$ (37.1) (241.9) (15.8) (226.1) 224.3 194.4 29.1 (119.6) (105.0) (9.5) (35.6) (34.7) (0.4) 20.6 (0.2)	\$ 503.3 \$ 247.3 \$ 255.2 \$ 0.3 (37.1) (37.1) (241.9) (15.8) (226.1) 224.3 194.4 29.1 0.3 (119.6) (105.0) (9.5) (1.4) (35.6) (34.7) (0.4) (0.1) 20.6 (0.2) 0.0 89.7 54.5 19.2 (1.2) (0.3)	\$ 503.3 \$ 247.3 \$ 255.2 \$ 0.3 \$ (37.1) (241.9) (15.8) (226.1) 224.3 194.4 29.1 0.3 (119.6) (105.0) (9.5) (1.4) (35.6) (34.7) (0.4) (0.1) 20.6 (0.2) 0.0

Interest charges	(19.4)	(17.6)	(0.2)	(0.4)	(1.2)
Income taxes	(9.6)	(13.7)	(7.6)	0.3	11.4
R. S. Andrews discontinued operations	(7.5)				(7.5)
Net income (loss)	\$ 50.9	\$ 22.3	\$ 9.6	\$ (0.6)	\$ 19.6
Earnings (loss) per GPE common share	\$ 0.73	\$ 0.32	\$ 0.14	\$ (0.01)	\$ 0.28

Year to date June 30, 2003	olidated SPE	KCP&L	Strategic Energy	k	(LT Gas	Other
Operating revenues	\$ 967.9	\$ 481.7	\$ 484.4	\$	0.7	\$ 1.1
Fuel	(74.5)	(74.5)				
Purchased power	 (457.9)	(31.9)	(426.0)			
Revenues, net of fuel and purchased power	435.5	375.3	58.4		0.7	1.1
Other	(237.9)	(208.0)	(18.9)		(2.9)	(8.1)
Depreciation and depletion	(71.1)	(69.3)	(0.7)		(0.4)	(0.7)
Gain (loss) on property	11.6	(0.2)			(9.0)	20.8
Operating income (loss)	138.1	97.8	38.8		(11.6)	13.1
Loss from equity investments	(0.6)					(0.6)
Non-operating income (expenses)	(7.8)	(2.3)	(3.9)		0.7	(2.3)
Interest charges	(38.9)	(35.4)	(0.3)		(0.6)	(2.6)
Income taxes	(16.7)	(24.4)	(15.2)		4.4	18.5
R. S. Andrews discontinued operations	(8.7)					(8.7)
Net income (loss)	\$ 65.4	\$ 35.7	\$ 19.4	\$	(7.1)	\$ 17.4
Earnings (loss) per GPE common share	\$ 0.93	\$ 0.52	\$ 0.28	\$	(0.10)	\$ 0.23

Attachment E

GREAT PLAINS ENERGY Consolidated Balance Sheets (Unaudited)

June 30 December 31 2003 2002 (thousands) **ASSETS Current Assets** 78,005 \$ Cash and cash equivalents \$ 65,294 88,491 Restricted cash Receivables 208,217 197,845 Fuel inventories, at average cost 25,352 21,311 Materials and supplies, at average cost 55,630 50,800 Deferred income taxes 5,303 3,233 Assets of discontinued operations 38,298 Other 28,536 16,619 489,534 Total 393,400

Nonutility Property and Investments

Affordable housing limited partnerships	64,429	68,644
Gas property and investments	43,552	45,419
Nuclear decommissioning trust fund	69,124	63,283
Other	42,767	55,520
Total	219,872	232,866
Utility Plant, at Original Cost		
Electric	4,503,008	4,428,433
Less-accumulated depreciation	1,963,014	1,885,389
Net utility plant in service	2,539,994	2,543,044
Construction work in progress	47,800	39,519
Nuclear fuel, net of amortization of \$128,977 and \$121,951	31,904	21,506
Total	2,619,698	2,604,069
Deferred Charges		
Regulatory assets	143,286	128,901
Prepaid pension costs	84,332	85,945
Goodwill	26,105	26,106
Other deferred charges	39,358	35,452
Total	293,081	276,404
Total	\$ 3,622,185 \$	3,506,739

Attachment F

GREAT PLAINS ENERGY Consolidated Balance Sheets

(Unaudited)

	June 30 2003			2002
		(thou	sands)	
LIABILITIES AND CAPITALIZATION				
Current Liabilities				
Notes payable	\$	136,200	\$	21,079
Commercial paper		16,700		-
Current maturities of long-term debt		4,754		133,181
EIRR bonds classified as current		81,000		81,000
Accounts payable		204,504		172,319
Accrued taxes		13,463		29,238
Accrued interest		12,006		16,121
Accrued payroll and vacations		23,030		27,053
Accrued refueling outage costs		13,598		8,292
Supplier collateral		88,491		-
Liabilities of discontinued operations		-		34,232
Other		29,844		29,071
Total		623,590		551,586
Deferred Credits and Other Liabilities				
Deferred income taxes		600,682		602,907
Deferred investment tax credits		39,568		41,565
Asset retirement obligation		103,690		-
Accrued nuclear decommissioning costs		-		64,584

Pension liability	75,038	73,251
Other	76,653	76,169
Total	895,631	858,476
Capitalization	2,102,964	2,096,677
Commitments and Contingencies		
Total	\$ 3,622,185	\$ 3,506,739

Attachment G

2003 Ongoing Earnings Guidance

	2003 EPS Range					
KCP&L	\$1.50	\$1.57				
Strategic Energy	0.49	0.50				
KLT Gas	(0.06)	(0.05)				
KLT Investments	0.10	0.11				
Other	(0.13)	(0.13)				
Ongoing Guidance*	\$1.90	\$2.00				

^{* 2003} ongoing earnings guidance excludes the effect of the following unusual items: a second quarter gain of \$0.37 per share for the effects of the June confirmation of the restructuring plan of DTI Holdings, Inc., Digital Teleport, Inc., and Digital Teleport of Virginia, Inc., and the sale of substantially all of the assets of Digital Teleport Inc., to a subsidiary of CenturyTel, Inc.; a second quarter loss of \$0.10 per share for the disposition of R.S. Andrews Enterprises, Inc.; and a first quarter loss of \$0.08 per share for an asset impairment at KLT Gas. The Company also experienced continuing losses through the date of the R.S. Andrews Enterprises, Inc., disposition of \$0.01 per share and \$0.03 per share during the quarter and year to date, respectively, that are excluded. Great Plains Energy is unable to reconcile its 2003 ongoing earnings guidance to GAAP earnings per share because we do not predict the future impact of unusual items. The impact of unusual items could be material to our oper ating results computed in accordance with GAAP.

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