SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

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): April 9, 2008

Commission File Number	Registrant, State of Incorporation, Address and Telephone Number	I.R.S. Employer Identification Number
001-32206	**GREAT PLAINS ENERGY INCORPORATED** (A Missouri Corporation) 1201 Walnut Street Kansas City, Missouri 64106 (816) 556-2200 NOT APPLICABLE (Former name or former address, if changed since last report)	43-1916803
000-51873	**KANSAS CITY POWER & LIGHT COMPANY** (A Missouri Corporation) 1201 Walnut Street Kansas City, Missouri 64106 (816) 556-2200 NOT APPLICABLE (Former name or former address, if changed since last report)	44-0308720

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

[ ] Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

[ ] Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

[ ] Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

[ ] Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Great Plains Energy Incorporated ("Great Plains Energy") and Kansas City Power & Light Company ("KCP&L") (each a "Registrant" and collectively, the "Registrants") are separately filing this combined Current Report on Form 8-K (the "Report"). Information contained herein relating to an individual Registrant is furnished by such Registrant on its own behalf. Each Registrant makes representations only as to information relating to itself.

Item 7.01 Regulation FD Disclosure

On April 10, 2008 the Registrants will distribute a presentation at the Wall Street Access and Berenson & Company Midwest Utilities Seminar. A copy of the presentation is attached hereto as Exhibit 99.1.

The information under Item 7.01 and in Exhibit 99.1 hereto is being furnished and shall not be deemed filed for the purpose of Section 18 of the Securities Exchange Act of 1934, as amended. The information under Item 7.01 and Exhibit 99.1 hereto shall not be incorporated by reference into any registration statement or other document pursuant to the Securities Act of 1933, as amended, unless otherwise indicated in such registration statement or other document.

Item 9.01 Financial Statements and Exhibits

(d) Exhibits

99.1 Wall Street Access and Berenson & Company Midwest Utilities Seminar presentation.

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/ Terry Bassham
Terry Bassham
Executive Vice President- Finance & Strategic Development and Chief Financial Officer

KANSAS CITY POWER & LIGHT COMPANY

/s/ Terry Bassham
Terry Bassham
Chief Financial Officer

Date: April 9, 2008

Exhibit 99.1

Great Plains Energy

Wall Street Access and
Berenson & Company
Midwest Utilities Seminar

April 10, 2008

Michael Cline, VP - Investor Relations and Treasurer
Great Plains Energy

William Downey, CEO
Kansas City Power & Light

Forward Looking Statement

FORWARD-LOOKING STATEMENTS

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. Forward-looking statements include, but are not limited to, statements regarding projected delivered volumes and margins, the outcome of regulatory proceedings, cost estimates of the comprehensive energy plan and other matters affecting future operations. 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, including but not limited to regional and national wholesale electricity markets; market perception of the energy industry, Great Plains Energy and KCP&L; changes in business strategy, operations or development plans; effects of current or proposed state and federal legislative and regulatory actions or developments, including, but not limited to, deregulation, re-regulation and restructuring of the electric utility industry; decisions of regulators regarding rates KCP&L can charge for electricity; adverse changes in applicable laws, regulations, rules, principles or practices governing tax, accounting and environmental matters including, but not limited to, air and water quality; financial market conditions and performance including, but not limited to, changes in interest rates and in availability and cost of capital and the effects on pension plan assets and costs; credit ratings; inflation rates; effectiveness of risk management policies and procedures and the ability of counterparties to satisfy their contractual commitments; impact of terrorist acts; increased competition 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, availability, quality and deliverability of fuel; ability to achieve generation planning goals and the occurrence and duration of unplanned generation outages; delays in the anticipated in-service dates and cost increases of additional generating capacity; nuclear operations; ability to enter new markets successfully and capitalize on growth opportunities in non-regulated businesses and the effects of competition; workforce risks including compensation and benefits costs; performance of projects undertaken by non-regulated businesses and the success of efforts to invest in and develop new opportunities; the ability to successfully complete merger, acquisition or divestiture plans (including the acquisition of Aquila, Inc., and Aquila's sale of assets to Black Hills Corporation); risks that the transaction for Strategic Energy, L.L.C. may not close and other risks and uncertainties. Other risk factors are detailed from time to time in Great Plains Energy's most recent quarterly report on Form 10-Q or annual report on Form 10-K filed with the Securities and Exchange Commission. This list of factors is not all-inclusive because it is not possible to predict all factors.

GREAT PLAINS ENERGY

Great Plains Energy Overview

¾ $2.1 billion market capitalization
¾ $4.8 billion in total assets as of 12/31/07
¾ $3.3 billion in revenues as of 12/31/07
¾ $133.4 million of core earnings or $1.57/share in 2007*

Regulated electric utility:

- $146.4 million in core earnings or $1.72/share in 2007
- 506,000 customers in KS and MO
- Total generation capacity: 4,048 MWs

Comprehensive Energy Plan

GXP is expanding its regulated platform with the proposed Aquila transaction

Competitive retail electricity provider:

- $7.6 million in core earnings or $0.09/share in 2007
- Serving approximately 109,000 accounts & 25,700 customers

GXP announced sale of business

Note: All numbers as of year-end 2007

*Also includes $(20.6) million of other earnings that includes the company's investments in affordable housing and unallocated corporate charges.

GXP - - A Compelling Investment Thesis

- Realizable growth in regulated business:
  - ¾ Focused strategy with anticipated sale of Strategic Energy in Q2 2008
  - ¾ Aquila transaction complements KCP&L and adds scale and scope
  - ¾ Rate base growth at KCP&L driven by Comprehensive Energy Plan
- Low-cost generating platform; high reliability and customer satisfaction levels in our distribution business
- Attractive investment profile:
  - ¾ Solid dividend with future growth potential - current dividend yield approximately 6.6%
  - ¾ Solid investment grade rating
  - ¾ Executing our growth plan

GREAT PLAINS ENERGY

Strategic Energy Update

- ü November 2007, GXP announced intent to evaluate strategic alternatives for Strategic Energy
- ü April 2008, announced definitive agreement for sale of the business to Direct Energy, a subsidiary of Centrica, plc
  - ¾ Price - $300 million in cash including working capital (approximately $120 million at 12/31/07); to be adjusted for working capital and severance adjustments at close

- Expect to complete sale in late Q2 2008

- Cash will be used to offset some of Great Plains Energy's 2008 anticipated financing needs

GREAT PLAINS ENERGY

Impact on Great Plains Energy

Expected Cash Proceeds

- The purchase price of $300 million is subject to various closing adjustments including working capital (as defined in the agreement) and severance adjustments

	Amount ($mm)
Purchase Price from Direct Energy*	$300.0
Approx. Tax Basis in Strategic**	$225.0
Difference	$ 75.0
Taxes Due at 38%	$ 29.0
Approximate after tax cash proceeds to Great Plains Energy	$271.0*

Additional Benefits

- In addition to the cash proceeds from the transaction, there are also several additional benefits to Great Plains Energy from the sale of Strategic Energy:
  - ¾ Reduction in overall Company credit support due to fewer letters of credit and guarantees outstanding
  - ¾ Reduced volatility in the GAAP income statement due to the elimination of Strategic Energy's mark-to-market accounting
  - ¾ A reduction in imputed debt from the rating agencies
  - ¾ Great Plains Energy's management team's sole focus will be the core utility business

* Subject to adjustments for working capital and severance
** As of 12/31/07

GREAT PLAINS ENERGY

Aquila Acquisition Update

Aquila Transaction Update

üStrong support for transaction from shareholders of both companies

üFERC approval received

üNebraska, Iowa, & Colorado approval of Black Hills transaction

üKansas approval for Black Hills and Great Plains Energy transactions

- Missouri hearings to begin April 21
- Transaction currently anticipated to close in Q2 2008

Kansas City Power & Light + Aquila

FORGING A STRONGER REGIONAL UTILITY

GREAT PLAINS ENERGY

Kansas Agreement

- Allowed recovery of $10 million of transition costs as five-year amortization starting with rates effective for Iatan 2 case (anticipated in Fall 2010)
- Due to regulatory lag, no material synergy give-back until rates set in the Iatan 2 rate case
- No tracking of synergies
- No litigation of merger costs or synergies

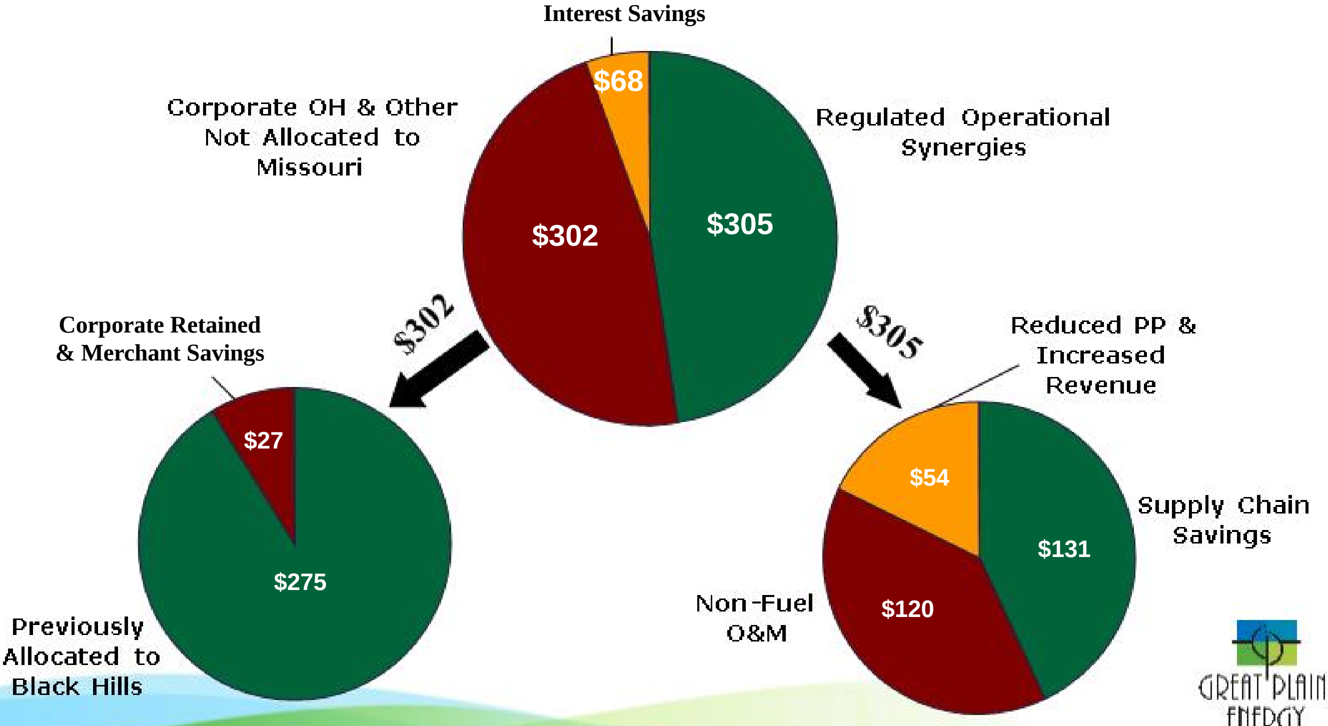
What Has Changed In Missouri

Previous "ask"	Current "ask"
•Immediate approval for retention of 50% of utility operational synergies ($260 million net of transition costs) over 5 years	•Recovery of utility operational synergies through traditional ratemaking process •Regulatory lag expected to provide opportunity for the retention of approximately 50% of the synergies
•Recovery of 50% of transition costs ($45 million) over 5 years	•Recovery of 100% of updated transition cost ($58.9 million) over five years
•Recovery of 100% of the transaction costs ($95 million) over 5 years	•Recovery of 100% of the revised transaction costs ($64.9 million) over 5 years •Company no longer requesting recovery of CIC and Rabbi Trust for Senior Aquila officers
•Recovery requested of actual interest costs in Aquila customer rates	•No recovery of Aquila actual interest costs in excess of equivalent investment grade costs
•Authorization to use additional amortizations in Aquila rate cases to meet credit metrics, consistent with KCP&L's treatment	•Will include as a component in a future regulatory plan for Aquila

Amounts shown are total amounts before allocations between Missouri and Kansas jurisdictions.

Significant Synergies Expected

Great Plains Energy expects to realize $675 million of total savings and synergies over five years



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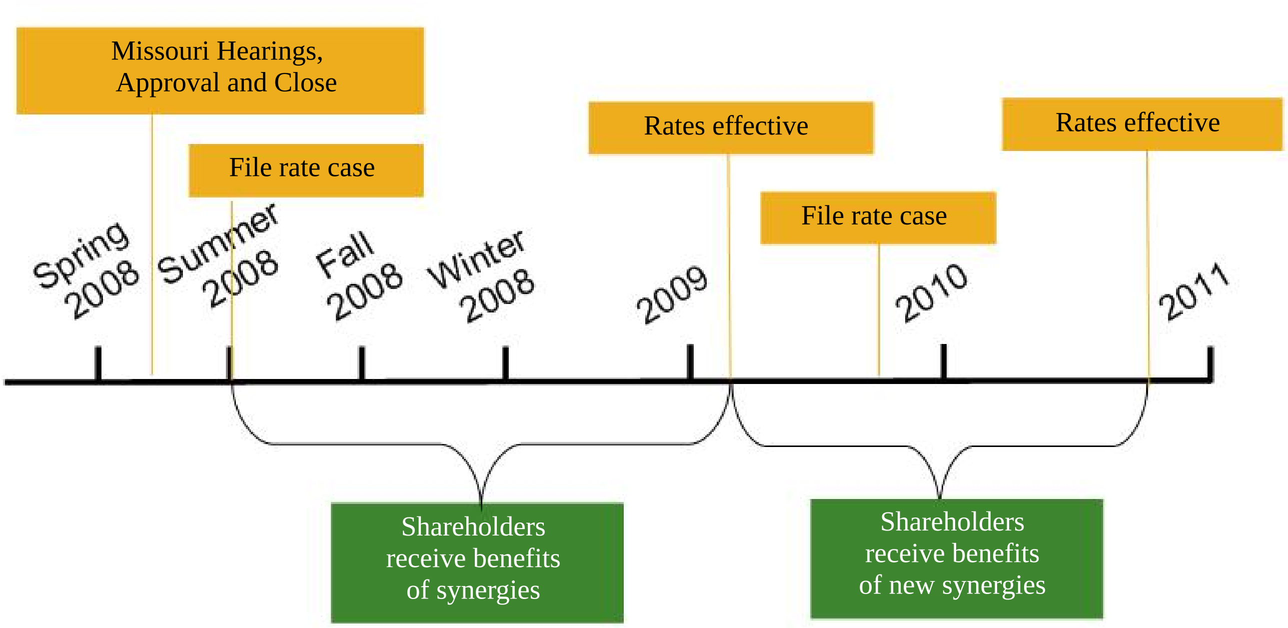
Path to Synergy Sharing



Strong Liquidity and Capital Markets Access

Liquidity at 12/31/07

(in $ millions except where indicated)	Capacity	Outstanding	Available
KCP&L			
Revolving Credit Facility[1]	$ 600.0	$377.7	$ 222.3
A/R Facility	70.0	70.0	0.0
GPE			
Revolving Credit Facility[2]	400.0	140.6	259.4
SE			
Revolving Credit Facility	50.0	0.0	50.0
A/R Facility[3]	175.0	82.9	92.1
	$1,295.0	$671.2	$623.8

[1] *Revolving credit facility used as a backstop for commercial paper issuance*

[2] *Outstanding amount includes $98.6M of L/Cs in support of Strategic Energy and $42.0M of cash borrowing*

[3] *Outstanding amount comprised entirely of L/Cs*

- KCP&L is weathering turbulent markets effectively:
  - ¾ Converted entire auction rate debt portfolio to fixed rate
  - ¾ Issued $350 million of new 10-year bonds at 6.375%
- Proceeds from sale of Strategic Energy to partially offset 2008 financing needs

GREAT PLAINS ENERGY

William Downey, CEO
Kansas City Power & Light

KCP&L Overview

- Headquartered in Kansas City, Missouri
- Engage in the generation, transmission, distribution and sale of electricity
- $4.3 billion in assets at year-end 2007
- Serve approximately 506,000 customers located in western Missouri and eastern Kansas
- Total generation capacity: 4,048 MWs
- Regulated by commissions in two states:

  Missouri:

  ¾ Public Service Commission of the State of Missouri (MPSC)

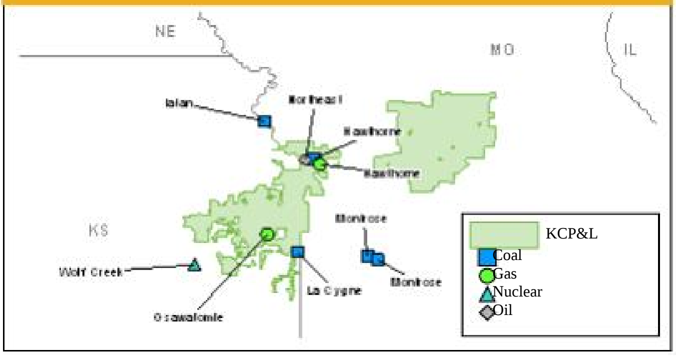
  ¾ KCP&L's MO jurisdictional revenues averaged 57% over the last 3 years

  Kansas:

  ¾ The State Corporation Commission of the State of Kansas (KCC)

  ¾ KCP&L's KS jurisdictional revenues averaged 43% over the last 3 years

KCP&L Service Territory



Recognized Excellence in 2007

EEI Edison Award - - Kansas City Power & Light was recognized for distinguished leadership, innovation and contribution to the advancement of the electric industry for its Comprehensive Energy Plan collaboration. (June 2007)

EEI Outstanding Customer Service Award voted Kansas City Power & Light the winner of this award for medium-sized utility. (May 2007)

J.D. Power and Associates **recognizes Tier 1 performance.** In the Midwest, KCP&L ranks No. 1 on Communications; No. 2 on Power Quality and Reliability, and Billing and Payment; and No. 3 in Overall Satisfaction. (February 2007)

2007 ReliabilityOne™ National Reliability Excellence Award presented by PA Consulting Group to Kansas City Power & Light as the most reliable electric utility nationwide. (October 2007)

EEI Emergency Assistance Award for outstanding efforts to assist fellow utilities in power restoration during 2007. (January 2008)

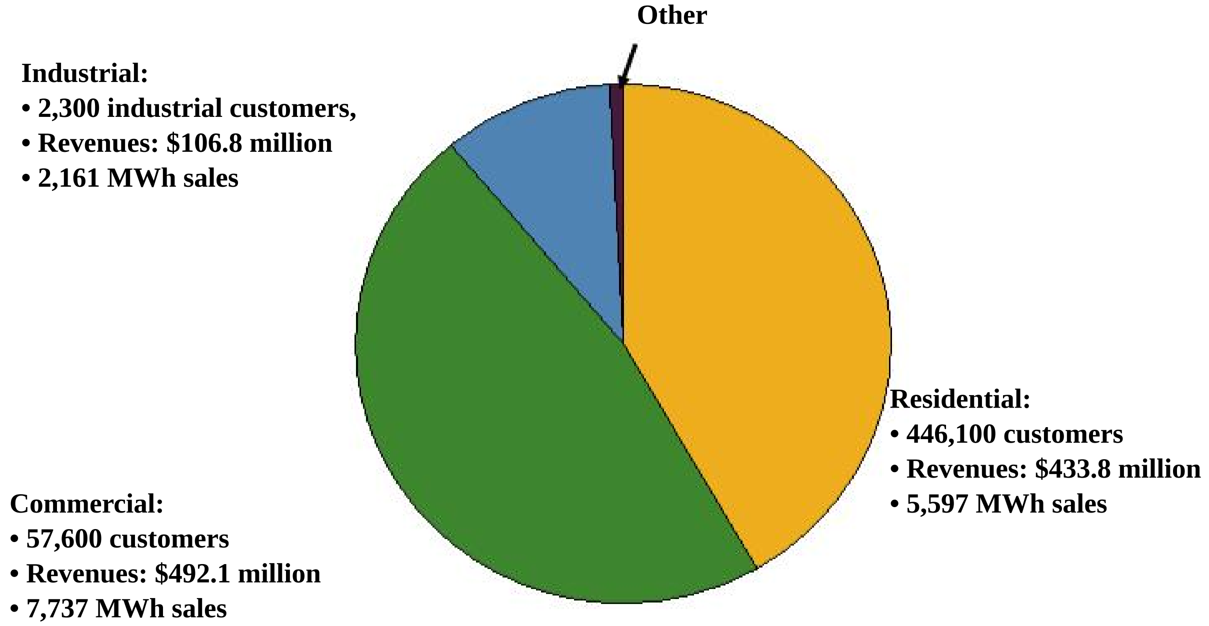
2007 Mid-America Regional Council's Regional Leadership Award presented to Kansas City Power & Light for its outstanding environmental initiatives in metropolitan Kansas City. (June 2007)

David Garcia Award for Environmental Excellence presented by Bridging the Gap for the groundbreaking Collaborative Agreement with Sierra Club and Concerned Citizens of Platte County. (October 2007)

GREAT PLAINS ENERGY

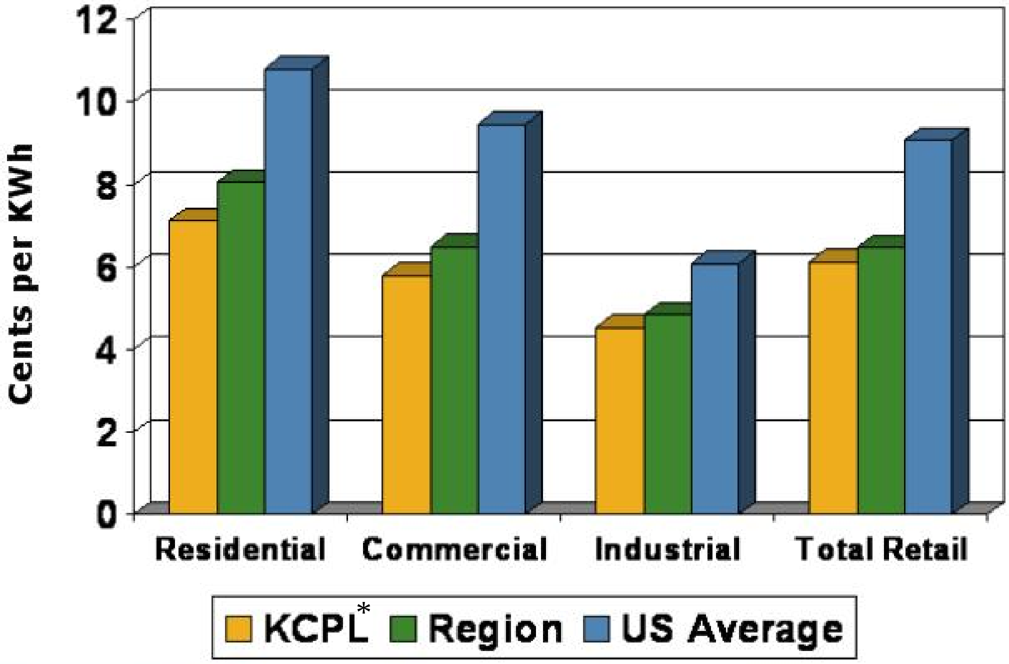
KCP&L - A Steady Retail Customer Base

Customer Mix Based on 2007 Revenues



Note: All numbers as of year-end 2007

KCP&L Prices Compare Favorably on National & Regional Basis

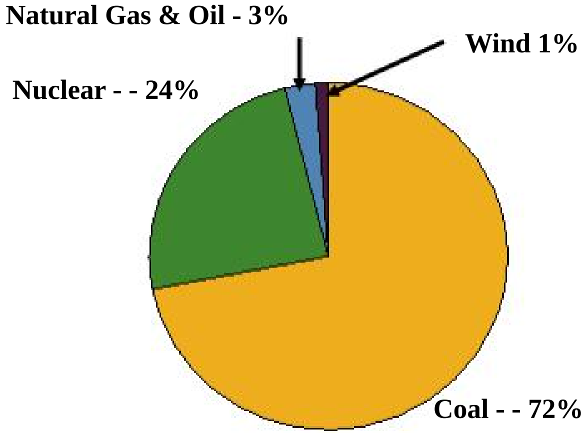


Source: "EEI Typical Bill Rankings Report and Typical Bill/Avg Rates Report for 12 month ended June 2007" Note: all rate actions after June 30, 2007 are not reflected in this chart including KCP&L's new annual rate increases in MO and KS that were implemented January 1, 2008

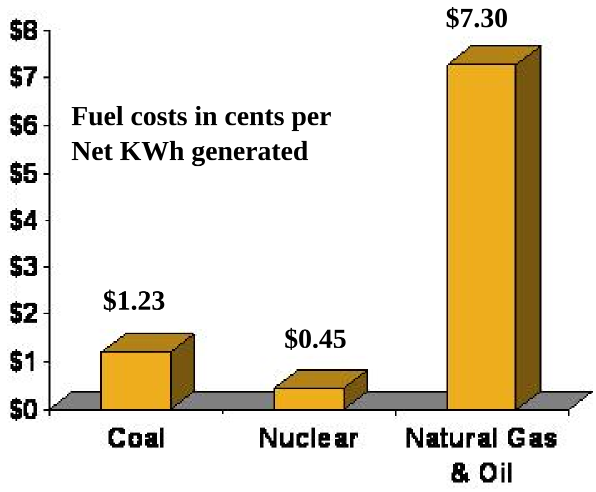
GREAT PLAINS ENERGY

Low-Cost Diverse Generating Fleet

Fuel Mix



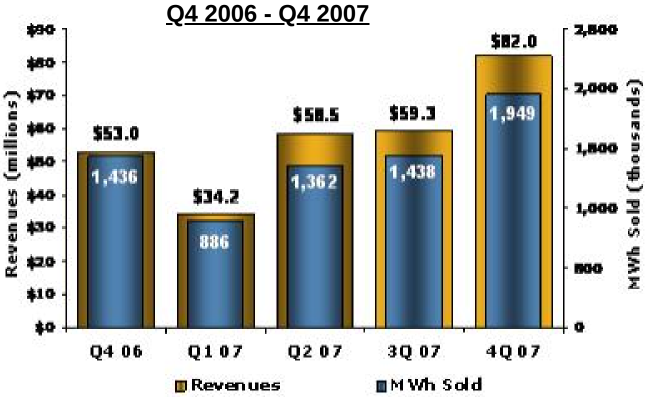
Fuel Costs

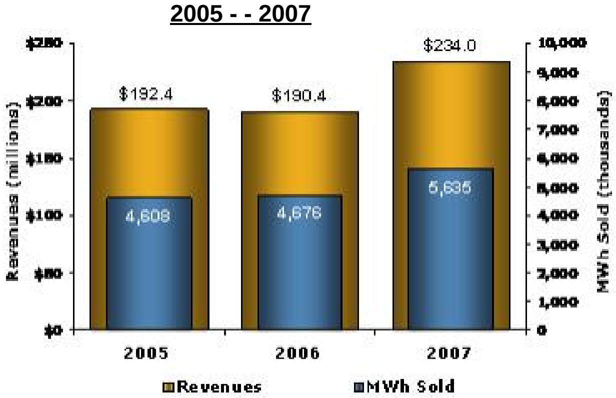


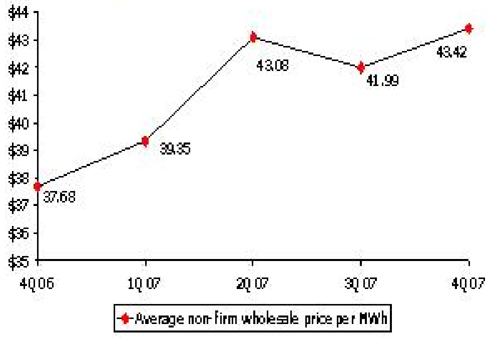
Strong, low cost coal and nuclear generation provides KCP&L stable, competitive generation fleet in a volatile market

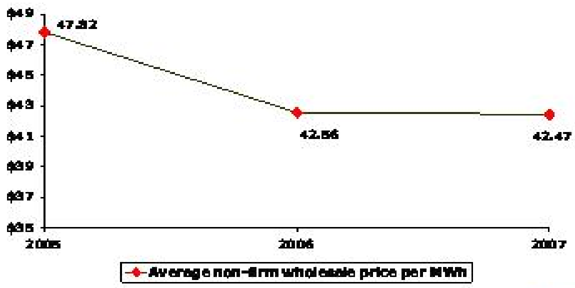
Note: All numbers as of year-end 2007

KCP&L Wholesale Power Performance









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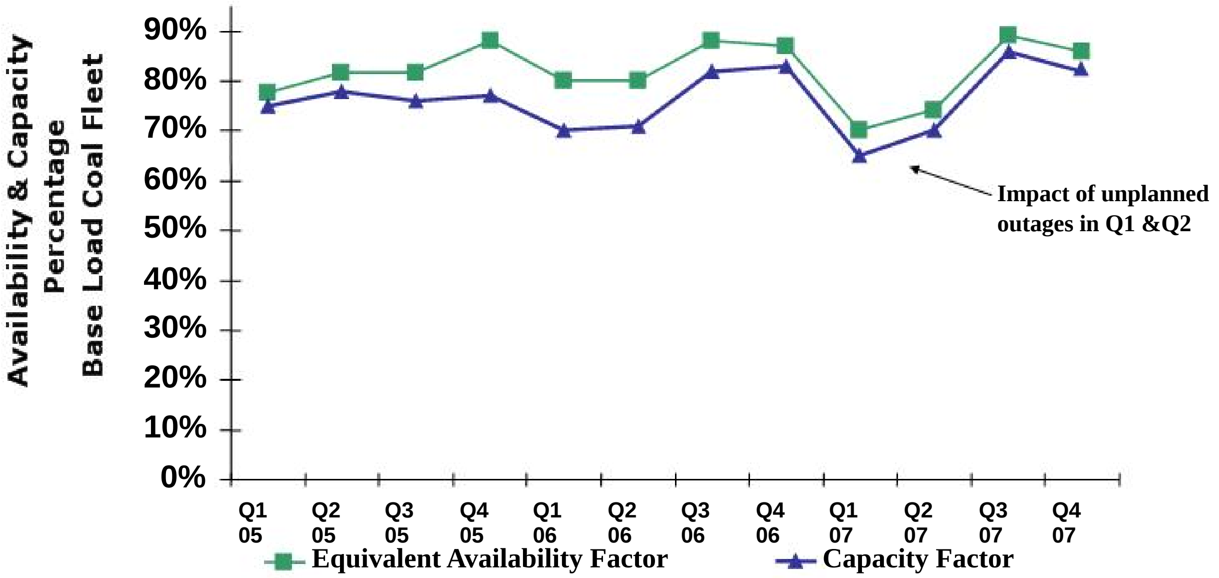
Equivalent Availability / Capacity

Base Load Coal Fleet



Comprehensive Energy Plan Progress

Spearville Wind Energy Facility

ü 100MW completed on schedule and on budget

LaCygne

ü **Phase 1:** Unit 1 SCR - Completed on schedule, under budget, and performing per specification

- **Phase 2:** Unit 1 **-** bag house and scrubber environmental upgrades:
  - ¾ Project Definition Report completed in Q3 2007
  - ¾ Revised cost estimates higher than initial estimates

Iatan Unit 1

- AQCS Environmental Project to be completed late 2008 - early 2009

Iatan Unit 2 Construction

- Cost / schedule re-assessment underway; results available in Q2

GREAT PLAINS ENERGY

Developing Collaborative Resource Strategy

- Develop long range resource plan and file Integrated Resource Plan in Missouri in August 2008
- Continue to engage community and regulators to develop energy efficiency and demand response as resource alternatives:
  - ¾ Potential energy efficiency projects designed to reduce annual electricity demand 100MW by 2010; additional 200MW by 2012
- Continue development of environmental and renewable generation alternatives
- Potential to pursue an additional 400MW wind generation:
  - ¾ 100MW by 2010 and additional 300MW by 2012
- Expected future Phase 3 environmental upgrades at LaCygne Unit 2 for BART

Regulatory Update

$ in millions

Rate Case	Order Date	Annual Revenue Increase: Traditional	Annual Revenue Increase: Additional Amortization	Annual Revenue Increase: Total	Rate Base	Return on Equity	Rate-making Equity Ratio	Rate of Return
MO	12/6/07	$24.6	$10.7	$35.3	$1,298	10.75%	58%	8.68%
KS	11/20/07	$17.0	$11.0	$28.0	n/a	n/a	n/a	n/a

•Primary driver of 2007 rate cases was La Cygne Unit 1 SCR

•2007 Kansas rate case:

¾ Negotiated settlement

¾ Energy cost adjustment implemented

¾ Energy efficiency rider implemented

•Missouri and Kansas rate cases expected to be filed in summer 2008; primary driver will be Iatan Unit 1 AQCS

GREAT PLAINS ENERGY

A Path to Growth

2009 and beyond: Extend the platform

- Include Iatan 1 AQCS in rates effective in 2009
- Complete Iatan 2 and incorporate into rates in 2010
- Fully integrate Aquila and demonstrate ability to deliver on synergies
- Pursue Collaborative Resource Strategy initiatives

GREAT PLAINS ENERGY

Great Plains Energy

Wall Street Access and
Berenson & Company
Midwest Utilities Seminar

April 10, 2008

GREAT PLAINS ENERGY
Consolidated Earnings and Earnings Per Share
Year Ended December 31
(Unaudited)

	Earnings		Earnings per Great Plains Energy Share	
	2007	2006	2007	2006
	(millions)			
KCP&L	$ 156.8	$ 149.6	$ 1.84	$ 1.91
Strategic Energy	38.4	(9.9)	0.45	(0.13)
Other	(36.0)	(12.1)	(0.42)	(0.15)
Net income	159.2	127.6	1.87	1.63
Preferred dividends	(1.6)	(1.6)	(0.02)	(0.02)
Earnings available for common shareholders	$ 157.6	$ 126.0	$ 1.85	$ 1.61
Reconciliation of GAAP to Non-GAAP				
Earnings available for common shareholders	$ 157.6	$ 126.0	$ 1.85	$ 1.61
Reconciling items				
KCP&L - allocation of holding company merger tax benefits	(5.7)	-	(0.07)	-
KCP&L - skill set realignment costs	(5.5)	5.8	(0.06)	0.07
KCP&L - mark-to-market impact of interest rate hedge	0.8	-	0.01	-
KCP&L - Hawthorn No. 5 litigation recoveries	-	(14.4)	-	(0.18)
Strategic Energy - mark-to-market impacts from energy contracts	(31.3)	33.4	(0.37)	0.43
Strategic Energy - allocation of holding company merger tax benefits	(0.3)	-	-	-
Strategic Energy - alternatives review retention	0.8	-	0.01	-
Other - merger transition non-labor costs	6.7	-	0.08	-
Other - mark-to-market impact of interest rate hedge	10.3	-	0.12	-
Other - skill set realignment costs	-	0.1	-	-
Core earnings	$ 133.4	$ 150.9	$ 1.57	$ 1.93
Core earnings				
KCP&L	$ 146.4	$ 141.0	$ 1.72	$ 1.80
Strategic Energy	7.6	23.5	0.09	0.30
Other	(20.6)	(13.6)	(0.24)	(0.17)
Core earnings	$ 133.4	$ 150.9	$ 1.57	$ 1.93

Core earnings is a non-GAAP financial measure that differs from GAAP earnings because it excludes the effects of certain unusual items and mark-to-market gains and losses on energy contracts. Great Plains Energy believes core earnings provides to investors a meaningful indicator of its results that is comparable among periods because it excludes the effects of items that may not be indicative of Great Plains Energy's prospective earnings potential. Core earnings is used internally to measure performance against budget and in reports for management and the Board of Directors and are a component, subject to adjustment, of employee and executive incentive compensation plans. Investors should note that this non-GAAP measure involves judgments by management, including whether an item is classified as an unusual item, and Great Plains Energy's definition of core earnings may differ from similar terms used by other companies. The impact of these items could be material to operating results presented in accordance with GAAP. Great Plains Energy is unable to reconcile core earnings guidance to GAAP earnings per share because it does not predict the future impact of unusual items and mark-to-market gains or losses on energy contracts.

GREAT PLAINS ENERGY