

THIS FILING IS

Item 1: ☒ An Initial (Original) Submission OR ☐ Resubmission No. \_\_\_\_\_

Form 1 Approved  
OMB No. 1902-0021  
(Expires 12/31/2011)  
Form 1-F Approved  
OMB No. 1902-0029  
(Expires 12/31/2011)  
Form 3-Q Approved  
OMB No. 1902-0205  
(Expires 1/31/2012)



# FERC FINANCIAL REPORT

## FERC FORM No. 1: Annual Report of Major Electric Utilities, Licensees and Others and Supplemental Form 3-Q: Quarterly Financial Report

These reports are mandatory under the Federal Power Act, Sections 3, 4(a), 304 and 309, and 18 CFR 141.1 and 141.400. Failure to report may result in criminal fines, civil penalties and other sanctions as provided by law. The Federal Energy Regulatory Commission does not consider these reports to be of confidential nature

**Exact Legal Name of Respondent (Company)**

Kansas City Power & Light Company

**Year/Period of Report**

**End of** 2010/Q1

## INSTRUCTIONS FOR FILING FERC FORM NOS. 1 and 3-Q

### GENERAL INFORMATION

#### I. Purpose

FERC Form No. 1 (FERC Form 1) is an annual regulatory requirement for Major electric utilities, licensees and others (18 C.F.R. § 141.1). FERC Form No. 3-Q (FERC Form 3-Q) is a quarterly regulatory requirement which supplements the annual financial reporting requirement (18 C.F.R. § 141.400). These reports are designed to collect financial and operational information from electric utilities, licensees and others subject to the jurisdiction of the Federal Energy Regulatory Commission. These reports are also considered to be non-confidential public use forms.

#### II. Who Must Submit

Each Major electric utility, licensee, or other, as classified in the Commission's Uniform System of Accounts Prescribed for Public Utilities and Licensees Subject To the Provisions of The Federal Power Act (18 C.F.R. Part 101), must submit FERC Form 1 (18 C.F.R. § 141.1), and FERC Form 3-Q (18 C.F.R. § 141.400).

Note: Major means having, in each of the three previous calendar years, sales or transmission service that exceeds one of the following:

- (1) one million megawatt hours of total annual sales,
- (2) 100 megawatt hours of annual sales for resale,
- (3) 500 megawatt hours of annual power exchanges delivered, or
- (4) 500 megawatt hours of annual wheeling for others (deliveries plus losses).

#### III. What and Where to Submit

(a) Submit FERC Forms 1 and 3-Q electronically through the forms submission software. Retain one copy of each report for your files. Any electronic submission must be created by using the forms submission software provided free by the Commission at its web site: <http://www.ferc.gov/docs-filing/eforms/form-1/elec-subm-soft.asp>. The software is used to submit the electronic filing to the Commission via the Internet.

(b) The Corporate Officer Certification must be submitted electronically as part of the FERC Forms 1 and 3-Q filings.

(c) Submit immediately upon publication, by either eFiling or mail, two (2) copies to the Secretary of the Commission, the latest Annual Report to Stockholders. Unless eFiling the Annual Report to Stockholders, mail the stockholders report to the Secretary of the Commission at:

Secretary  
Federal Energy Regulatory Commission  
888 First Street, NE  
Washington, DC 20426

(d) For the CPA Certification Statement, submit within 30 days after filing the FERC Form 1, a letter or report (not applicable to filers classified as Class C or Class D prior to January 1, 1984). The CPA Certification Statement can be either eFiled or mailed to the Secretary of the Commission at the address above.

The CPA Certification Statement should:

- a) Attest to the conformity, in all material aspects, of the below listed (schedules and pages) with the Commission's applicable Uniform System of Accounts (including applicable notes relating thereto and the Chief Accountant's published accounting releases), and
- b) Be signed by independent certified public accountants or an independent licensed public accountant certified or licensed by a regulatory authority of a State or other political subdivision of the U. S. (See 18 C.F.R. §§ 41.10-41.12 for specific qualifications.)

<u>Reference Schedules</u>	<u>Pages</u>
Comparative Balance Sheet	110-113
Statement of Income	114-117
Statement of Retained Earnings	118-119
Statement of Cash Flows	120-121
Notes to Financial Statements	122-123

- e) The following format must be used for the CPA Certification Statement unless unusual circumstances or conditions, explained in the letter or report, demand that it be varied. Insert parenthetical phrases only when exceptions are reported.

"In connection with our regular examination of the financial statements of \_\_\_\_\_ for the year ended on which we have reported separately under date of \_\_\_\_\_, we have also reviewed schedules \_\_\_\_\_ of FERC Form No. 1 for the year filed with the Federal Energy Regulatory Commission, for conformity in all material respects with the requirements of the Federal Energy Regulatory Commission as set forth in its applicable Uniform System of Accounts and published accounting releases. Our review for this purpose included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

Based on our review, in our opinion the accompanying schedules identified in the preceding paragraph (except as noted below) conform in all material respects with the accounting requirements of the Federal Energy Regulatory Commission as set forth in its applicable Uniform System of Accounts and published accounting releases."

The letter or report must state which, if any, of the pages above do not conform to the Commission's requirements. Describe the discrepancies that exist.

- (f) Filers are encouraged to file their Annual Report to Stockholders, and the CPA Certification Statement using eFiling. To further that effort, new selections, "Annual Report to Stockholders," and "CPA Certification Statement" have been added to the dropdown "pick list" from which companies must choose when eFiling. Further instructions are found on the Commission's website at <http://www.ferc.gov/help/how-to.asp>.

- (g) Federal, State and Local Governments and other authorized users may obtain additional blank copies of FERC Form 1 and 3-Q free of charge from <http://www.ferc.gov/docs-filing/eforms/form-1/form-1.pdf> and <http://www.ferc.gov/docs-filing/eforms.asp#3Q-gas>.

#### **IV. When to Submit:**

FERC Forms 1 and 3-Q must be filed by the following schedule:

- a) FERC Form 1 for each year ending December 31 must be filed by April 18<sup>th</sup> of the following year (18 CFR § 141.1), and
- b) FERC Form 3-Q for each calendar quarter must be filed within 60 days after the reporting quarter (18 C.F.R. § 141.400).

**V. Where to Send Comments on Public Reporting Burden.**

The public reporting burden for the FERC Form 1 collection of information is estimated to average 1,144 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data-needed, and completing and reviewing the collection of information. The public reporting burden for the FERC Form 3-Q collection of information is estimated to average 150 hours per response.

Send comments regarding these burden estimates or any aspect of these collections of information, including suggestions for reducing burden, to the Federal Energy Regulatory Commission, 888 First Street NE, Washington, DC 20426 (Attention: Information Clearance Officer); and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503 (Attention: Desk Officer for the Federal Energy Regulatory Commission). No person shall be subject to any penalty if any collection of information does not display a valid control number (44 U.S.C. § 3512 (a)).

## GENERAL INSTRUCTIONS

- I. Prepare this report in conformity with the Uniform System of Accounts (18 CFR Part 101) (USofA). Interpret all accounting words and phrases in accordance with the USofA.
- II. Enter in whole numbers (dollars or MWH) only, except where otherwise noted. (Enter cents for averages and figures per unit where cents are important. The truncating of cents is allowed except on the four basic financial statements where rounding is required.) The amounts shown on all supporting pages must agree with the amounts entered on the statements that they support. When applying thresholds to determine significance for reporting purposes, use for balance sheet accounts the balances at the end of the current reporting period, and use for statement of income accounts the current year's year to date amounts.
- III. Complete each question fully and accurately, even if it has been answered in a previous report. Enter the word "None" where it truly and completely states the fact.
- IV. For any page(s) that is not applicable to the respondent, omit the page(s) and enter "NA," "NONE," or "Not Applicable" in column (d) on the List of Schedules, pages 2 and 3.
- V. Enter the month, day, and year for all dates. Use customary abbreviations. **The "Date of Report" included in the header of each page is to be completed only for resubmissions** (see VII. below).
- VI. Generally, except for certain schedules, all numbers, whether they are expected to be debits or credits, must be reported as positive. Numbers having a sign that is different from the expected sign must be reported by enclosing the numbers in parentheses.
- VII. For any resubmissions, submit the electronic filing using the form submission software only. Please explain the reason for the resubmission in a footnote to the data field.
- VIII. Do not make references to reports of previous periods/years or to other reports in lieu of required entries, except as specifically authorized.
- IX. Wherever (schedule) pages refer to figures from a previous period/year, the figures reported must be based upon those shown by the report of the previous period/year, or an appropriate explanation given as to why the different figures were used.

Definitions for statistical classifications used for completing schedules for transmission system reporting are as follows:

FNS - Firm Network Transmission Service for Self. "Firm" means service that can not be interrupted for economic reasons and is intended to remain reliable even under adverse conditions. "Network Service" is Network Transmission Service as described in Order No. 888 and the Open Access Transmission Tariff. "Self" means the respondent.

FNO - Firm Network Service for Others. "Firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions. "Network Service" is Network Transmission Service as described in Order No. 888 and the Open Access Transmission Tariff.

LFP - for Long-Term Firm Point-to-Point Transmission Reservations. "Long-Term" means one year or longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions. "Point-to-Point Transmission Reservations" are described in Order No. 888 and the Open Access Transmission Tariff. For all transactions identified as LFP, provide in a footnote the

termination date of the contract defined as the earliest date either buyer or seller can unilaterally cancel the contract.

OLF - Other Long-Term Firm Transmission Service. Report service provided under contracts which do not conform to the terms of the Open Access Transmission Tariff. "Long-Term" means one year or longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions. For all transactions identified as OLF, provide in a footnote the termination date of the contract defined as the earliest date either buyer or seller can unilaterally get out of the contract.

SFP - Short-Term Firm Point-to-Point Transmission Reservations. Use this classification for all firm point-to-point transmission reservations, where the duration of each period of reservation is less than one-year.

NF - Non-Firm Transmission Service, where firm means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions.

OS - Other Transmission Service. Use this classification only for those services which can not be placed in the above-mentioned classifications, such as all other service regardless of the length of the contract and service FERC Form. Describe the type of service in a footnote for each entry.

AD - Out-of-Period Adjustments. Use this code for any accounting adjustments or "true-ups" for service provided in prior reporting periods. Provide an explanation in a footnote for each adjustment.

#### DEFINITIONS

I. Commission Authorization (Comm. Auth.) -- The authorization of the Federal Energy Regulatory Commission, or any other Commission. Name the commission whose authorization was obtained and give date of the authorization.

II. Respondent -- The person, corporation, licensee, agency, authority, or other Legal entity or instrumentality in whose behalf the report is made.

## EXCERPTS FROM THE LAW

### Federal Power Act, 16 U.S.C. § 791a-825r

Sec. 3. The words defined in this section shall have the following meanings for purposes of this Act, to with:

(3) 'Corporation' means any corporation, joint-stock company, partnership, association, business trust, organized group of persons, whether incorporated or not, or a receiver or receivers, trustee or trustees of any of the foregoing. It shall not include 'municipalities, as hereinafter defined;

(4) 'Person' means an individual or a corporation;

(5) 'Licensee, means any person, State, or municipality Licensed under the provisions of section 4 of this Act, and any assignee or successor in interest thereof;

(7) 'municipality means a city, county, irrigation district, drainage district, or other political subdivision or agency of a State competent under the Laws thereof to carry and the business of developing, transmitting, unitizing, or distributing power; .....

(11) "project' means. a complete unit of improvement or development, consisting of a power house, all water conduits, all dams and appurtenant works and structures (including navigation structures) which are a part of said unit, and all storage, diverting, or fore bay reservoirs directly connected therewith, the primary line or lines transmitting power there from to the point of junction with the distribution system or with the interconnected primary transmission system, all miscellaneous structures used and useful in connection with said unit or any part thereof, and all water rights, rights-of-way, ditches, dams, reservoirs, Lands, or interest in Lands the use and occupancy of which are necessary or appropriate in the maintenance and operation of such unit;

"Sec. 4. The Commission is hereby authorized and empowered

(a) To make investigations and to collect and record data concerning the utilization of the water 'resources of any region to be developed, the water-power industry and its relation to other industries and to interstate or foreign commerce, and concerning the location, capacity, development -costs, and relation to markets of power sites; ... to the extent the Commission may deem necessary or useful for the purposes of this Act."

"Sec. 304. (a) Every Licensee and every public utility shall file with the Commission such annual and other periodic or special\* reports as the Commission may be rules and regulations or other prescribe as necessary or appropriate to assist the Commission in the -proper administration of this Act. The Commission may prescribe the manner and FERC Form in which such reports salt be made, and require from such persons specific answers to all questions upon which the Commission may need information. The Commission may require that such reports shall include, among other things, full information as to assets and Liabilities, capitalization, net investment, and reduction thereof, gross receipts, interest due and paid, depreciation, and other reserves, cost of project and other facilities, cost of maintenance and operation of the project and other facilities, cost of renewals and replacement of the project works and other facilities, depreciation, generation, transmission, distribution, delivery, use, and sale of electric energy. The Commission may require any such person to make adequate provision for currently determining such costs and other facts. Such reports shall be made under oath unless the Commission otherwise specifies\*.10

"Sec. 309. The Commission shall have power to perform any and all acts, and to prescribe, issue, make, and rescind such orders, rules and regulations as it may find necessary or appropriate to carry out the provisions of this Act. Among other things, such rules and regulations may define accounting, technical, and trade terms used in this Act; and may prescribe the FERC Form or FERC Forms of all statements, declarations, applications, and reports to be filed with the Commission, the information which they shall contain, and the time within which they shall be filed..."

### **General Penalties**

The Commission may assess up to \$1 million per day per violation of its rules and regulations. *See* FPA § 316(a) (2005), 16 U.S.C. § 825o(a).



## REPORT OF MAJOR ELECTRIC UTILITIES, LICENSEES AND OTHER

## IDENTIFICATION

01 Exact Legal Name of Respondent Kansas City Power & Light Company		02 Year/Period of Report End of 2010/Q1
03 Previous Name and Date of Change (if name changed during year) / /		
04 Address of Principal Office at End of Period (Street, City, State, Zip Code) 1200 Main, Kansas City, Missouri 64105		
05 Name of Contact Person Lori A. Wright		06 Title of Contact Person Vice President & Controller
07 Address of Contact Person (Street, City, State, Zip Code) 1200 Main, Kansas City, Missouri 64105		
08 Telephone of Contact Person, Including Area Code (816) 556-2200	09 This Report Is (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	10 Date of Report (Mo, Da, Yr) 06/01/2010

## QUARTERLY CORPORATE OFFICER CERTIFICATION

The undersigned officer certifies that:

I have examined this report and to the best of my knowledge, information, and belief all statements of fact contained in this report are correct statements of the business affairs of the respondent and the financial statements, and other financial information contained in this report, conform in all material respects to the Uniform System of Accounts.

01 Name Lori A. Wright	03 Signature  Lori A. Wright	04 Date Signed (Mo, Da, Yr) 06/01/2010
02 Title Vice President & Controller		

Title 18, U.S.C. 1001 makes it a crime for any person to knowingly and willingly to make to any Agency or Department of the United States any false, fictitious or fraudulent statements as to any matter within its jurisdiction.

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report End of 2010/Q1
LIST OF SCHEDULES (Electric Utility)					
Enter in column (c) the terms "none," "not applicable," or "NA," as appropriate, where no information or amounts have been reported for certain pages. Omit pages where the respondents are "none," "not applicable," or "NA".					
Line No.	Title of Schedule (a)	Reference Page No. (b)	Remarks (c)		
1	Important Changes During the Quarter	108-109			
2	Comparative Balance Sheet	110-113			
3	Statement of Income for the Quarter	114-117			
4	Statement of Retained Earnings for the Quarter	118-119			
5	Statement of Cash Flows	120-121			
6	Notes to Financial Statements	122-123			
7	Statement of Accum Comp Income, Comp Income, and Hedging Activities	122 (a)(b)			
8	Summary of Utility Plant & Accumulated Provisions for Dep, Amort & Dep	200-201			
9	Electric Plant In Service and Accum Provision For Depr by Function	208			
10	Transmission Service and Generation Interconnection Study Costs	231	None		
11	Other Regulatory Assets	232			
12	Other Regulatory Liabilities	278			
13	Elec Operating Revenues (Individual Schedule Lines 300-301)	300-301			
14	Regional Transmission Service Revenues (Account 457.1)	302	NA		
15	Electric Prod, Other Power Supply Exp, Trans and Distrib Exp	324			
16	Electric Customer Accts, Service, Sales, Admin and General Expenses	325			
17	Transmission of Electricity for Others	328-330			
18	Transmission of Electricity by ISO/RTOs	331	NA		
19	Transmission of Electricity by Others	332			
20	Deprec, Depl and Amort of Elec Plant (403,403.1,404,and 405) (except A	338			
21	Amounts Included in ISO/RTO Settlement Statements	397			
22	Monthly Peak Loads and Energy Output	399			
23	Monthly Transmission System Peak Load	400			
24	Monthly ISO/RTO Transmission System Peak Load	400a	NA		

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report 06/01/2010	Year/Period of Report End of 2010/Q1
---	---	------------------------------	---

IMPORTANT CHANGES DURING THE QUARTER/YEAR

Give particulars (details) concerning the matters indicated below. Make the statements explicit and precise, and number them in accordance with the inquiries. Each inquiry should be answered. Enter "none," "not applicable," or "NA" where applicable. If information which answers an inquiry is given elsewhere in the report, make a reference to the schedule in which it appears.

- Changes in and important additions to franchise rights: Describe the actual consideration given therefore and state from whom the franchise rights were acquired. If acquired without the payment of consideration, state that fact.
- Acquisition of ownership in other companies by reorganization, merger, or consolidation with other companies: Give names of companies involved, particulars concerning the transactions, name of the Commission authorizing the transaction, and reference to Commission authorization.
- Purchase or sale of an operating unit or system: Give a brief description of the property, and of the transactions relating thereto, and reference to Commission authorization, if any was required. Give date journal entries called for by the Uniform System of Accounts were submitted to the Commission.
- Important leaseholds (other than leaseholds for natural gas lands) that have been acquired or given, assigned or surrendered: Give effective dates, lengths of terms, names of parties, rents, and other condition. State name of Commission authorizing lease and give reference to such authorization.
- Important extension or reduction of transmission or distribution system: State territory added or relinquished and date operations began or ceased and give reference to Commission authorization, if any was required. State also the approximate number of customers added or lost and approximate annual revenues of each class of service. Each natural gas company must also state major new continuing sources of gas made available to it from purchases, development, purchase contract or otherwise, giving location and approximate total gas volumes available, period of contracts, and other parties to any such arrangements, etc.
- Obligations incurred as a result of issuance of securities or assumption of liabilities or guarantees including issuance of short-term debt and commercial paper having a maturity of one year or less. Give reference to FERC or State Commission authorization, as appropriate, and the amount of obligation or guarantee.
- Changes in articles of incorporation or amendments to charter: Explain the nature and purpose of such changes or amendments.
- State the estimated annual effect and nature of any important wage scale changes during the year.
- State briefly the status of any materially important legal proceedings pending at the end of the year, and the results of any such proceedings culminated during the year.
- Describe briefly any materially important transactions of the respondent not disclosed elsewhere in this report in which an officer, director, security holder reported on Page 106, voting trustee, associated company or known associate of any of these persons was a party or in which any such person had a material interest.
- (Reserved.)
- If the important changes during the year relating to the respondent company appearing in the annual report to stockholders are applicable in every respect and furnish the data required by Instructions 1 to 11 above, such notes may be included on this page.
- Describe fully any changes in officers, directors, major security holders and voting powers of the respondent that may have occurred during the reporting period.
- In the event that the respondent participates in a cash management program(s) and its proprietary capital ratio is less than 30 percent please describe the significant events or transactions causing the proprietary capital ratio to be less than 30 percent, and the extent to which the respondent has amounts loaned or money advanced to its parent, subsidiary, or affiliated companies through a cash management program(s). Additionally, please describe plans, if any to regain at least a 30 percent proprietary ratio.

PAGE 108 INTENTIONALLY LEFT BLANK  
SEE PAGE 109 FOR REQUIRED INFORMATION.

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
IMPORTANT CHANGES DURING THE QUARTER/YEAR (Continued)			

1. Franchises renewed during the first quarter of 2010 are as follows:

<u>Utility</u>	<u>Town</u>	<u>State</u>	<u>Term</u>	<u>Action</u>	<u>Consideration</u>	
Electric	Merriam	KS	10 years	Renewal	5.00%	Effective 1/1/2010
Electric	Bonner Springs	KS	10 years	Renewal	6.00%	Effective 2/1/2010 through 1/31/2011
					5.00%	Effective 2/1/2011

2. None

3. None

4. None

5. None

6. Please see pages 122-123 for Notes to Financial Statements, Note 8 Short-Term Borrowings and Short-Term Bank Lines of Credit and Note 9 Long-Term Debt for obligations incurred during the first quarter 2010.

7. None

8. Management and general contract (union) wage increases during the first quarter 2010 are as follows:

Local 1464 increase of 3.50% was effective 2/1/10.

Local 412 increase of 3.40% was effective 3/1/10.

KCP&L management merit increase of 3.00% was effective 3/1/10.

9. **Legal and Regulatory Proceedings/Actions:**

Please see pages 122-123 for Notes to Financial Statements, Note 5 Regulatory Matters, Note 10 Commitments and Contingencies detailing 2010 Environmental Matters and Note 11 for Legal Proceedings that were still active at March 31, 2010.

10. None

11. Reserved

12. See the Notes to Financial Statements included on pages 122-123.

13. On January 2, 2010, Lora Cheatum resigned as Vice-President - Procurement. On January 2, 2010, Maria Jenks became Vice-President - Procurement.

14. Not Applicable

Name of Respondent	This Report Is:	Date of Report (Mo, Da, Yr)	Year/Period of Report
Kansas City Power & Light Company	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	06/01/2010	End of <u>2010/Q1</u>

**COMPARATIVE BALANCE SHEET (ASSETS AND OTHER DEBITS)**

Line No.	Title of Account (a)	Ref. Page No. (b)	Current Year End of Quarter/Year Balance (c)	Prior Year End Balance 12/31 (d)
<b>1</b>	<b>UTILITY PLANT</b>			
2	Utility Plant (101-106, 114)	200-201	6,307,955,183	6,258,514,423
3	Construction Work in Progress (107)	200-201	1,194,105,368	1,144,170,255
4	TOTAL Utility Plant (Enter Total of lines 2 and 3)		7,502,060,551	7,402,684,678
5	(Less) Accum. Prov. for Depr. Amort. Depl. (108, 110, 111, 115)	200-201	2,951,197,711	2,899,768,920
6	Net Utility Plant (Enter Total of line 4 less 5)		4,550,862,840	4,502,915,758
7	Nuclear Fuel in Process of Ref., Conv., Enrich., and Fab. (120.1)	202-203	23,514,332	12,190,208
8	Nuclear Fuel Materials and Assemblies-Stock Account (120.2)		0	0
9	Nuclear Fuel Assemblies in Reactor (120.3)		78,870,219	78,870,218
10	Spent Nuclear Fuel (120.4)		83,085,759	83,085,759
11	Nuclear Fuel Under Capital Leases (120.6)		0	0
12	(Less) Accum. Prov. for Amort. of Nucl. Fuel Assemblies (120.5)	202-203	112,066,408	105,975,785
13	Net Nuclear Fuel (Enter Total of lines 7-11 less 12)		73,403,902	68,170,400
14	Net Utility Plant (Enter Total of lines 6 and 13)		4,624,266,742	4,571,086,158
15	Utility Plant Adjustments (116)		0	0
16	Gas Stored Underground - Noncurrent (117)		0	0
<b>17</b>	<b>OTHER PROPERTY AND INVESTMENTS</b>			
18	Nonutility Property (121)		4,584,195	4,584,195
19	(Less) Accum. Prov. for Depr. and Amort. (122)		2,116,878	2,102,385
20	Investments in Associated Companies (123)		0	0
21	Investment in Subsidiary Companies (123.1)	224-225	4,789,338	3,779,947
22	(For Cost of Account 123.1, See Footnote Page 224, line 42)			
23	Noncurrent Portion of Allowances	228-229	0	0
24	Other Investments (124)		3,803,182	3,241,798
25	Sinking Funds (125)		0	0
26	Depreciation Fund (126)		0	0
27	Amortization Fund - Federal (127)		0	0
28	Other Special Funds (128)		117,761,388	112,487,043
29	Special Funds (Non Major Only) (129)		0	0
30	Long-Term Portion of Derivative Assets (175)		0	0
31	Long-Term Portion of Derivative Assets – Hedges (176)		0	0
32	TOTAL Other Property and Investments (Lines 18-21 and 23-31)		128,821,225	121,990,598
<b>33</b>	<b>CURRENT AND ACCRUED ASSETS</b>			
34	Cash and Working Funds (Non-major Only) (130)		0	0
35	Cash (131)		2,079,480	1,516,320
36	Special Deposits (132-134)		211,746	73,723
37	Working Fund (135)		44,098	44,098
38	Temporary Cash Investments (136)		35,798	15,040,376
39	Notes Receivable (141)		0	0
40	Customer Accounts Receivable (142)		0	0
41	Other Accounts Receivable (143)		62,645,795	76,157,764
42	(Less) Accum. Prov. for Uncollectible Acct.-Credit (144)		0	0
43	Notes Receivable from Associated Companies (145)		31,349,124	50,274,913
44	Accounts Receivable from Assoc. Companies (146)		27,636,322	36,516,694
45	Fuel Stock (151)	227	47,379,577	45,596,392
46	Fuel Stock Expenses Undistributed (152)	227	0	0
47	Residuals (Elec) and Extracted Products (153)	227	0	0
48	Plant Materials and Operating Supplies (154)	227	81,698,807	77,856,217
49	Merchandise (155)	227	0	0
50	Other Materials and Supplies (156)	227	0	0
51	Nuclear Materials Held for Sale (157)	202-203/227	0	0
52	Allowances (158.1 and 158.2)	228-229	0	0



Line No.	Title of Account (a)	Ref. Page No. (b)	Current Year End of Quarter/Year Balance (c)	Prior Year End Balance 12/31 (d)
1	PROPRIETARY CAPITAL			
2	Common Stock Issued (201)	250-251	487,041,247	487,041,247
3	Preferred Stock Issued (204)	250-251	0	0
4	Capital Stock Subscribed (202, 205)		0	0
5	Stock Liability for Conversion (203, 206)		0	0
6	Premium on Capital Stock (207)		0	0
7	Other Paid-In Capital (208-211)	253	1,076,114,704	1,076,114,704
8	Installments Received on Capital Stock (212)	252	0	0
9	(Less) Discount on Capital Stock (213)	254	0	0
10	(Less) Capital Stock Expense (214)	254b	0	0
11	Retained Earnings (215, 215.1, 216)	118-119	402,082,065	403,870,643
12	Unappropriated Undistributed Subsidiary Earnings (216.1)	118-119	1,789,338	779,947
13	(Less) Reaquired Capital Stock (217)	250-251	0	0
14	Noncorporate Proprietorship (Non-major only) (218)		0	0
15	Accumulated Other Comprehensive Income (219)	122(a)(b)	-40,441,316	-41,533,850
16	Total Proprietary Capital (lines 2 through 15)		1,926,586,038	1,926,272,691
17	LONG-TERM DEBT			
18	Bonds (221)	256-257	1,778,668,000	1,778,668,000
19	(Less) Reaquired Bonds (222)	256-257	0	0
20	Advances from Associated Companies (223)	256-257	0	0
21	Other Long-Term Debt (224)	256-257	3,491,904	3,491,904
22	Unamortized Premium on Long-Term Debt (225)		0	0
23	(Less) Unamortized Discount on Long-Term Debt-Debit (226)		2,011,457	2,050,854
24	Total Long-Term Debt (lines 18 through 23)		1,780,148,447	1,780,109,050
25	OTHER NONCURRENT LIABILITIES			
26	Obligations Under Capital Leases - Noncurrent (227)		2,092,680	2,106,928
27	Accumulated Provision for Property Insurance (228.1)		0	0
28	Accumulated Provision for Injuries and Damages (228.2)		4,353,801	2,319,441
29	Accumulated Provision for Pensions and Benefits (228.3)		429,417,842	421,180,541
30	Accumulated Miscellaneous Operating Provisions (228.4)		0	0
31	Accumulated Provision for Rate Refunds (229)		0	0
32	Long-Term Portion of Derivative Instrument Liabilities		0	0
33	Long-Term Portion of Derivative Instrument Liabilities - Hedges		0	0
34	Asset Retirement Obligations (230)		121,763,791	119,846,415
35	Total Other Noncurrent Liabilities (lines 26 through 34)		557,628,114	545,453,325
36	CURRENT AND ACCRUED LIABILITIES			
37	Notes Payable (231)		204,000,000	186,577,000
38	Accounts Payable (232)		174,133,123	256,173,309
39	Notes Payable to Associated Companies (233)		11,992,379	4,306,020
40	Accounts Payable to Associated Companies (234)		0	585,606
41	Customer Deposits (235)		7,098,099	7,358,676
42	Taxes Accrued (236)	262-263	58,235,768	22,380,642
43	Interest Accrued (237)		38,822,293	26,722,311
44	Dividends Declared (238)		0	0
45	Matured Long-Term Debt (239)		0	0

[illegible]







STATEMENT OF INCOME FOR THE YEAR (continued)						
Line No.	Title of Account (a)	(Ref.) Page No. (b)	TOTAL		Current 3 Months Ended Quarterly Only No 4th Quarter (e)	Prior 3 Months Ended Quarterly Only No 4th Quarter (f)
			Current Year (c)	Previous Year (d)		
27	Net Utility Operating Income (Carried forward from page 114)		33,412,715	17,351,964	33,412,715	17,351,964
28	Other Income and Deductions					
29	Other Income					
30	Nonutility Operating Income					
31	Revenues From Merchandising, Jobbing and Contract Work (415)					
32	(Less) Costs and Exp. of Merchandising, Job. & Contract Work (416)					
33	Revenues From Nonutility Operations (417)		887,061	1,304,475	887,061	1,304,475
34	(Less) Expenses of Nonutility Operations (417.1)		74,388	344,235	74,388	344,235
35	Nonoperating Rental Income (418)		3,145	20,242	3,145	20,242
36	Equity in Earnings of Subsidiary Companies (418.1)	119	1,009,391	583,525	1,009,391	583,525
37	Interest and Dividend Income (419)		221,182	131,729	221,182	131,729
38	Allowance for Other Funds Used During Construction (419.1)		8,141,862	8,459,250	8,141,862	8,459,250
39	Miscellaneous Nonoperating Income (421)		160,911	847,758	160,911	847,758
40	Gain on Disposition of Property (421.1)		30,550	101,215	30,550	101,215
41	TOTAL Other Income (Enter Total of lines 31 thru 40)		10,379,714	11,103,959	10,379,714	11,103,959
42	Other Income Deductions					
43	Loss on Disposition of Property (421.2)					
44	Miscellaneous Amortization (425)					
45	Donations (426.1)		432,664	516,025	432,664	516,025
46	Life Insurance (426.2)		153,681	-19,558	153,681	-19,558
47	Penalties (426.3)		967	519	967	519
48	Exp. for Certain Civic, Political & Related Activities (426.4)		195,088	180,447	195,088	180,447
49	Other Deductions (426.5)		3,741,376	3,515,951	3,741,376	3,515,951
50	TOTAL Other Income Deductions (Total of lines 43 thru 49)		4,523,776	4,193,384	4,523,776	4,193,384
51	Taxes Applic. to Other Income and Deductions					
52	Taxes Other Than Income Taxes (408.2)	262-263	15,787	5,805	15,787	5,805
53	Income Taxes-Federal (409.2)	262-263	-1,172,781	-826,073	-1,172,781	-826,073
54	Income Taxes-Other (409.2)	262-263	-211,783	-149,170	-211,783	-149,170
55	Provision for Deferred Inc. Taxes (410.2)	234, 272-277				
56	(Less) Provision for Deferred Income Taxes-Cr. (411.2)	234, 272-277				
57	Investment Tax Credit Adj.-Net (411.5)					
58	(Less) Investment Tax Credits (420)		7,711	7,711	7,711	7,711
59	TOTAL Taxes on Other Income and Deductions (Total of lines 52-58)		-1,376,488	-977,149	-1,376,488	-977,149
60	Net Other Income and Deductions (Total of lines 41, 50, 59)		7,232,426	7,887,724	7,232,426	7,887,724
61	Interest Charges					
62	Interest on Long-Term Debt (427)		29,519,301	21,698,132	29,519,301	21,698,132
63	Amort. of Debt Disc. and Expense (428)		465,921	361,464	465,921	361,464
64	Amortization of Loss on Reaquired Debt (428.1)		98,840	98,841	98,840	98,841
65	(Less) Amort. of Premium on Debt-Credit (429)					
66	(Less) Amortization of Gain on Reaquired Debt-Credit (429.1)					
67	Interest on Debt to Assoc. Companies (430)		1,006		1,006	
68	Other Interest Expense (431)		-887,863	2,498,766	-887,863	2,498,766
69	(Less) Allowance for Borrowed Funds Used During Construction-Cr. (432)		7,772,877	7,815,635	7,772,877	7,815,635
70	Net Interest Charges (Total of lines 62 thru 69)		21,424,328	16,841,568	21,424,328	16,841,568
71	Income Before Extraordinary Items (Total of lines 27, 60 and 70)		19,220,813	8,398,120	19,220,813	8,398,120
72	Extraordinary Items					
73	Extraordinary Income (434)					
74	(Less) Extraordinary Deductions (435)					
75	Net Extraordinary Items (Total of line 73 less line 74)					
76	Income Taxes-Federal and Other (409.3)	262-263				
77	Extraordinary Items After Taxes (line 75 less line 76)					
78	Net Income (Total of line 71 and 77)		19,220,813	8,398,120	19,220,813	8,398,120

**STATEMENT OF RETAINED EARNINGS**

1. Do not report Lines 49-53 on the quarterly version.
2. Report all changes in appropriated retained earnings, unappropriated retained earnings, year to date, and unappropriated undistributed subsidiary earnings for the year.
3. Each credit and debit during the year should be identified as to the retained earnings account in which recorded (Accounts 433, 436 - 439 inclusive). Show the contra primary account affected in column (b)
4. State the purpose and amount of each reservation or appropriation of retained earnings.
5. List first account 439, Adjustments to Retained Earnings, reflecting adjustments to the opening balance of retained earnings. Follow by credit, then debit items in that order.
6. Show dividends for each class and series of capital stock.
7. Show separately the State and Federal income tax effect of items shown in account 439, Adjustments to Retained Earnings.
8. Explain in a footnote the basis for determining the amount reserved or appropriated. If such reservation or appropriation is to be recurrent, state the number and annual amounts to be reserved or appropriated as well as the totals eventually to be accumulated.
9. If any notes appearing in the report to stockholders are applicable to this statement, include them on pages 122-123.

Line No.	Item (a)	Contra Primary Account Affected (b)	Current Quarter/Year Year to Date Balance (c)	Previous Quarter/Year Year to Date Balance (d)
	UNAPPROPRIATED RETAINED EARNINGS (Account 216)			
1	Balance-Beginning of Period		403,870,643	396,449,640
2	Changes			
3	Adjustments to Retained Earnings (Account 439)			
4				
5				
6				
7				
8				
9	TOTAL Credits to Retained Earnings (Acct. 439)			
10				
11				
12				
13				
14				
15	TOTAL Debits to Retained Earnings (Acct. 439)			
16	Balance Transferred from Income (Account 433 less Account 418.1)		18,211,422	7,814,595
17	Appropriations of Retained Earnings (Acct. 436)			
18				
19				
20				
21				
22	TOTAL Appropriations of Retained Earnings (Acct. 436)			
23	Dividends Declared-Preferred Stock (Account 437)			
24				
25				
26				
27				
28				
29	TOTAL Dividends Declared-Preferred Stock (Acct. 437)			
30	Dividends Declared-Common Stock (Account 438)			
31			-20,000,000	( 18,000,000)
32				
33				
34				
35				
36	TOTAL Dividends Declared-Common Stock (Acct. 438)		-20,000,000	( 18,000,000)
37	Transfers from Acct 216.1, Unapprop. Undistrib. Subsidiary Earnings			
38	Balance - End of Period (Total 1,9,15,16,22,29,36,37)		402,082,065	386,264,235
	APPROPRIATED RETAINED EARNINGS (Account 215)			
39				
40				



Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report End of 2010/Q1
---	---	--	---

**STATEMENT OF CASH FLOWS**

(1) Codes to be used:(a) Net Proceeds or Payments;(b)Bonds, debentures and other long-term debt; (c) Include commercial paper; and (d) Identify separately such items as investments, fixed assets, intangibles, etc.  
(2) Information about noncash investing and financing activities must be provided in the Notes to the Financial statements. Also provide a reconciliation between "Cash and Cash Equivalents at End of Period" with related amounts on the Balance Sheet.  
(3) Operating Activities - Other: Include gains and losses pertaining to operating activities only. Gains and losses pertaining to investing and financing activities should be reported in those activities. Show in the Notes to the Financials the amounts of interest paid (net of amount capitalized) and income taxes paid.  
(4) Investing Activities: Include at Other (line 31) net cash outflow to acquire other companies. Provide a reconciliation of assets acquired with liabilities assumed in the Notes to the Financial Statements. Do not include on this statement the dollar amount of leases capitalized per the USofA General Instruction 20; instead provide a reconciliation of the dollar amount of leases capitalized with the plant cost.

Line No.	Description (See Instruction No. 1 for Explanation of Codes) (a)	Current Year to Date Quarter/Year (b)	Previous Year to Date Quarter/Year (c)
1	Net Cash Flow from Operating Activities:		
2	Net Income (Line 78(c) on page 117)	19,220,813	8,398,120
3	Noncash Charges (Credits) to Income:		
4	Depreciation and Depletion	63,457,521	51,628,091
5	Amortization of		
6	Nuclear Fuel	6,090,623	4,378,432
7	Other	2,586,784	1,267,071
8	Deferred Income Taxes (Net)	-16,032,244	-8,425,762
9	Investment Tax Credit Adjustment (Net)	3,864,542	7,762,939
10	Net (Increase) Decrease in Receivables	34,514,157	6,652,367
11	Net (Increase) Decrease in Inventory	-6,027,105	-5,757,548
12	Net (Increase) Decrease in Allowances Inventory		
13	Net Increase (Decrease) in Payables and Accrued Expenses	-8,702,190	1,945,965
14	Net (Increase) Decrease in Other Regulatory Assets	-1,347,384	-7,543,967
15	Net Increase (Decrease) in Other Regulatory Liabilities	-665,477	-562,792
16	(Less) Allowance for Other Funds Used During Construction	8,141,862	8,459,250
17	(Less) Undistributed Earnings from Subsidiary Companies	1,009,391	583,525
18	Other (provide details in footnote):	28,683,201	-63,303,169
19			
20			
21			
22	Net Cash Provided by (Used in) Operating Activities (Total 2 thru 21)	116,491,988	-12,603,028
23			
24	Cash Flows from Investment Activities:		
25	Construction and Acquisition of Plant (including land):		
26	Gross Additions to Utility Plant (less nuclear fuel)	-135,761,748	-231,517,029
27	Gross Additions to Nuclear Fuel	-11,324,124	-17,124,874
28	Gross Additions to Common Utility Plant		
29	Gross Additions to Nonutility Plant	13,725	-80,742
30	(Less) Allowance for Other Funds Used During Construction	-8,141,862	-8,459,250
31	Other (provide details in footnote):		
32			
33			
34	Cash Outflows for Plant (Total of lines 26 thru 33)	-138,930,285	-240,263,395
35			
36	Acquisition of Other Noncurrent Assets (d)		
37	Proceeds from Disposal of Noncurrent Assets (d)		
38			
39	Investments in and Advances to Assoc. and Subsidiary Companies		
40	Contributions and Advances from Assoc. and Subsidiary Companies		
41	Disposition of Investments in (and Advances to)		
42	Associated and Subsidiary Companies		
43			
44	Purchase of Investment Securities (a)	-65,793,000	-12,761,649
45	Proceeds from Sales of Investment Securities (a)	64,874,569	11,843,218

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report End of 2010/Q1
STATEMENT OF CASH FLOWS					
<p>(1) Codes to be used:(a) Net Proceeds or Payments;(b)Bonds, debentures and other long-term debt; (c) Include commercial paper; and (d) Identify separately such items as investments, fixed assets, intangibles, etc.</p> <p>(2) Information about noncash investing and financing activities must be provided in the Notes to the Financial statements. Also provide a reconciliation between "Cash and Cash Equivalents at End of Period" with related amounts on the Balance Sheet.</p> <p>(3) Operating Activities - Other: Include gains and losses pertaining to operating activities only. Gains and losses pertaining to investing and financing activities should be reported in those activities. Show in the Notes to the Financials the amounts of interest paid (net of amount capitalized) and income taxes paid.</p> <p>(4) Investing Activities: Include at Other (line 31) net cash outflow to acquire other companies. Provide a reconciliation of assets acquired with liabilities assumed in the Notes to the Financial Statements. Do not include on this statement the dollar amount of leases capitalized per the USofA General Instruction 20; instead provide a reconciliation of the dollar amount of leases capitalized with the plant cost.</p>					
Line No.	Description (See Instruction No. 1 for Explanation of Codes) (a)	Current Year to Date Quarter/Year (b)	Previous Year to Date Quarter/Year (c)		
46	Loans Made or Purchased				
47	Collections on Loans				
48					
49	Net (Increase) Decrease in Receivables				
50	Net (Increase ) Decrease in Inventory				
51	Net (Increase) Decrease in Allowances Held for Speculation				
52	Net Increase (Decrease) in Payables and Accrued Expenses				
53	Other (provide details in footnote):				
54	Salvage and Removal	-2,194,050	3,454,059		
55	Net Money Pool Lending	6,000,000			
56	Net Cash Provided by (Used in) Investing Activities				
57	Total of lines 34 thru 55)	-136,042,766	-237,727,767		
58					
59	Cash Flows from Financing Activities:				
60	Proceeds from Issuance of:				
61	Long-Term Debt (b)		406,832,306		
62	Preferred Stock				
63	Common Stock				
64	Other (provide details in footnote):				
65	Equity Contribution from Great Plains Energy		40,000,000		
66	Net Increase in Short-Term Debt (c)	17,423,000			
67	Other (provide details in footnote):				
68	Net Money Pool Borrowings	7,686,360			
69					
70	Cash Provided by Outside Sources (Total 61 thru 69)	25,109,360	446,832,306		
71					
72	Payments for Retirement of:				
73	Long-term Debt (b)				
74	Preferred Stock				
75	Common Stock				
76	Other (provide details in footnote):				
77	Issuance Costs		-3,358,668		
78	Net Decrease in Short-Term Debt (c)		-171,585,000		
79					
80	Dividends on Preferred Stock				
81	Dividends on Common Stock	-20,000,000	-18,000,000		
82	Net Cash Provided by (Used in) Financing Activities				
83	(Total of lines 70 thru 81)	5,109,360	253,888,638		
84					
85	Net Increase (Decrease) in Cash and Cash Equivalents				
86	(Total of lines 22,57 and 83)	-14,441,418	3,557,843		
87					
88	Cash and Cash Equivalents at Beginning of Period	16,600,794	5,297,399		
89					
90	Cash and Cash Equivalents at End of period	2,159,376	8,855,242		

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
FOOTNOTE DATA			

**Schedule Page: 120 Line No.: 90 Column: b**

	2010 <u>1st Quarter</u>	2009 <u>1st Quarter</u>
Balance Sheet, pages 110-111:		
Line No. 35 - Cash (131)	\$2,079,480	\$2,433,535
Line No. 36 - Special Deposits (132-134)	211,746	683,670
Line No. 37 - Working Fund (135)	44,098	44,098
Line No. 38 - Temporary Cash Investments (136)	35,798	5,693,939
<b>Total Balance Sheet</b>	<b>\$2,371,122</b>	<b>\$8,855,242</b>
Less: Funds on Deposit in 134, not considered Cash and Cash Equivalents	(211,746)	-
<b>Cash and Cash Equivalents at End of Period</b>	<b>\$2,159,376</b>	<b>\$8,855,242</b>



Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report 06/01/2010	Year/Period of Report End of 2010/Q1
---	---	------------------------------	---

<p align="center"><b>NOTES TO FINANCIAL STATEMENTS</b></p> <p>1. Use the space below for important notes regarding the Balance Sheet, Statement of Income for the year, Statement of Retained Earnings for the year, and Statement of Cash Flows, or any account thereof. Classify the notes according to each basic statement, providing a subheading for each statement except where a note is applicable to more than one statement.</p> <p>2. Furnish particulars (details) as to any significant contingent assets or liabilities existing at end of year, including a brief explanation of any action initiated by the Internal Revenue Service involving possible assessment of additional income taxes of material amount, or of a claim for refund of income taxes of a material amount initiated by the utility. Give also a brief explanation of any dividends in arrears on cumulative preferred stock.</p> <p>3. For Account 116, Utility Plant Adjustments, explain the origin of such amount, debits and credits during the year, and plan of disposition contemplated, giving references to Commission orders or other authorizations respecting classification of amounts as plant adjustments and requirements as to disposition thereof.</p> <p>4. Where Accounts 189, Unamortized Loss on Reacquired Debt, and 257, Unamortized Gain on Reacquired Debt, are not used, give an explanation, providing the rate treatment given these items. See General Instruction 17 of the Uniform System of Accounts.</p> <p>5. Give a concise explanation of any retained earnings restrictions and state the amount of retained earnings affected by such restrictions.</p> <p>6. If the notes to financial statements relating to the respondent company appearing in the annual report to the stockholders are applicable and furnish the data required by instructions above and on pages 114-121, such notes may be included herein.</p> <p>7. For the 3Q disclosures, respondent must provide in the notes sufficient disclosures so as to make the interim information not misleading. Disclosures which would substantially duplicate the disclosures contained in the most recent FERC Annual Report may be omitted.</p> <p>8. For the 3Q disclosures, the disclosures shall be provided where events subsequent to the end of the most recent year have occurred which have a material effect on the respondent. Respondent must include in the notes significant changes since the most recently completed year in such items as: accounting principles and practices; estimates inherent in the preparation of the financial statements; status of long-term contracts; capitalization including significant new borrowings or modifications of existing financing agreements; and changes resulting from business combinations or dispositions. However were material contingencies exist, the disclosure of such matters shall be provided even though a significant change since year end may not have occurred.</p> <p>9. Finally, if the notes to the financial statements relating to the respondent appearing in the annual report to the stockholders are applicable and furnish the data required by the above instructions, such notes may be included herein.</p>
<p>PAGE 122 INTENTIONALLY LEFT BLANK SEE PAGE 123 FOR REQUIRED INFORMATION.</p>

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

## KANSAS CITY POWER & LIGHT COMPANY

### Notes to Financial Statements (Unaudited)

#### 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

##### Organization

The terms "Company" and "KCP&L" are used throughout this report and refer to Kansas City Power & Light Company. KCP&L is an integrated, regulated electric utility that provides electricity to customers primarily in the states of Missouri and Kansas. KCP&L is a wholly owned subsidiary of Great Plains Energy Incorporated (Great Plains Energy). Great Plains Energy also owns KCP&L Greater Missouri Operations Company (GMO), a regulated electric utility.

##### Basis of Accounting

The accounting records of Kansas City Power & Light Company (KCP&L) are maintained in accordance with the accounting requirements of the Federal Energy Regulatory Commission (FERC) as set forth in its applicable Uniform System of Accounts and published accounting releases. The accompanying financial statements have been prepared in accordance with the accounting requirements of these regulators, which differ from Generally Accepted Accounting Principles (GAAP). KCP&L classifies certain items in its accompanying Comparative Balance Sheet (primarily the components of accumulated deferred income taxes, certain miscellaneous current and accrued liabilities and current maturities of long-term debt) in a manner different than that required by GAAP. In addition, in accordance with regulatory reporting requirements, KCP&L accounts for its investments in majority-owned subsidiaries on the equity method rather than consolidating the assets, liabilities, revenues and expenses of these subsidiaries, as required by GAAP.

##### Dividends Declared

In May 2010, KCP&L's Board of Directors declared a cash dividend payable to Great Plains Energy of \$25 million payable on June 18, 2010.

#### 2. SUPPLEMENTAL CASH FLOW INFORMATION

##### *Other Operating Activities*

Three Months Ended March 31	2010	2009
	(millions)	
Deferred refueling outage costs	\$ 2.9	\$ 2.3
Nuclear decommissioning expense	0.9	0.9
Pension and post-retirement benefit obligations	16.3	13.4
Forward Starting Swaps settlement	-	(79.1)
Other deferred credits	5.0	1.7
Other	3.6	(2.5)
Total other operating activities	\$ 28.7	\$ (63.3)
Cash paid during the period:		
Interest	\$ 10.8	\$ 12.8
Income taxes	\$ 1.1	\$ -
Non-cash investing activities:		
Liabilities assumed for capital expenditures	\$ 51.1	\$ 65.9

#### 3. RECEIVABLES

KCP&L's other receivables at March 31, 2010, and December 31, 2009, consisted primarily of receivables from partners

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

in jointly owned electric utility plants and wholesale sales receivables.

KCP&L sells all of its retail electric accounts receivable to its wholly owned subsidiary, Kansas City Power & Light Receivables Company (Receivables Company), which in turn sells an undivided percentage ownership interest in the accounts receivable to Victory Receivables Corporation, an independent outside investor. KCP&L sells its receivables at a fixed price based upon the expected cost of funds and charge-offs. These costs comprise KCP&L's loss on the sale of accounts receivable. KCP&L services the receivables and receives an annual servicing fee of 1.5% to 2.5% of the outstanding principal amount of the receivables sold to Receivables Company. KCP&L does not recognize a servicing asset or liability because management determined the collection agent fee earned by KCP&L approximates market value. In May 2010, the term of the agreement was extended to May 2011.

Information regarding KCP&L's sale of accounts receivable to Receivables Company is reflected in the following tables.

<b>Three Months Ended March 31, 2010</b>	<b>Receivables</b>	
	<b>KCP&amp;L</b>	<b>Company</b>
	(millions)	
Receivables (sold) purchased	\$ (294.3)	\$ 294.3
Gain (loss) on sale of accounts receivable <sup>(a)</sup>	(3.7)	3.9
Servicing fees	0.5	(0.5)
Fees to outside investor	-	(0.3)

**Cash flows during the period**

Cash from customers transferred to Receivables Company	(308.1)	308.1
Cash paid to KCP&L for receivables purchased	304.2	(304.2)
Servicing fees	0.5	(0.5)
Interest on intercompany note	0.1	(0.1)

<b>Three Months Ended March 31, 2009</b>	<b>Receivables</b>	
	<b>KCP&amp;L</b>	<b>Company</b>
	(millions)	
Receivables (sold) purchased	\$ (248.2)	\$ 248.2
Gain (loss) on sale of accounts receivable <sup>(a)</sup>	(3.1)	3.4
Servicing fees	0.7	(0.7)
Fees to outside investor	-	(0.3)

**Cash flows during the period**

Cash from customers transferred to Receivables Company	(274.0)	274.0
Cash paid to KCP&L for receivables purchased	270.6	(270.6)
Servicing fees	0.7	(0.7)
Interest on intercompany note	0.1	(0.1)

<sup>(a)</sup> Any net gain (loss) is the result of the timing difference inherent in collecting receivables and over the life of the agreement will net to zero.

#### 4. NUCLEAR PLANT

KCP&L owns 47% of Wolf Creek, its only nuclear generating unit. Wolf Creek is regulated by the Nuclear Regulatory Commission (NRC), with respect to licensing, operations and safety-related requirements.

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

### Spent Nuclear Fuel and High-Level Radioactive Waste

Under the Nuclear Waste Policy Act of 1982, the Department of Energy (DOE) is responsible for the permanent disposal of spent nuclear fuel. KCP&L pays the DOE a quarterly fee of one-tenth of a cent for each kWh of net nuclear generation delivered and sold for the future disposal of spent nuclear fuel. These disposal costs are charged to fuel expense. In March 2010, the DOE filed a motion to withdraw its application to the NRC to construct a national repository for the disposal of spent nuclear fuel and high-level radioactive waste at Yucca Mountain, Nevada, which would bring the licensing process to an end. The question of DOE's legal authority to withdraw its license application is now pending both at the NRC and in multiple lawsuits filed with a federal appellate court. Wolf Creek has an on-site storage facility designed to hold all spent fuel generated at the plant through 2025, and believes it will be able to expand on-site storage as needed past 2025. Management cannot predict when, or if, an alternative disposal site will be available to receive Wolf Creek's spent nuclear fuel and will continue to monitor this activity. See Note 11 for a related legal proceeding.

### Low-Level Radioactive Waste

Wolf Creek disposes of most of its low-level radioactive waste (Class A waste) at an existing third-party repository in Utah. Management expects that the site located in Utah will remain available to Wolf Creek for disposal of its Class A waste. Wolf Creek has contracted with a waste processor that will process, take title and store in another state most of the remainder of Wolf Creek's low level radioactive waste (Classes B and C waste, which is higher in radioactivity but much lower in volume). Should on-site waste storage be needed in the future, Wolf Creek has current storage capacity on site for about four years' generation of Classes B and C waste.

### Nuclear Decommissioning Trust Fund

The following table summarizes the change in KCP&L's decommissioning trust fund.

	March 31 2010	December 31 2009
<b>Decommissioning Trust</b>	(millions)	
Beginning balance January 1	\$ 112.5	\$ 96.9
Contributions	0.9	3.7
Earned income, net of fees	0.7	2.8
Net realized gains/(losses)	6.4	(5.5)
Net unrealized gains/(losses)	(2.7)	14.6
Ending balance	\$ 117.8	\$ 112.5

The decommissioning trust is reported at fair value on the balance sheets and is invested in assets as detailed in the following table. At December 31, 2009, KCP&L was holding short-term investments in the decommissioning trust fund, which were invested in equity securities in early 2010 as a result of a change in the asset allocation of the trust to a higher proportion of equity securities given the 20-year extension of Wolf Creek's operating license approved by the NRC in November 2008.

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

	March 31 2010		December 31 2009	
	Fair Value	Unrealized Gains/(Losses)	Fair Value	Unrealized Gains/(Losses)
	(millions)			
Equity securities	\$ 76.8	\$ 5.6	\$ 44.5	\$ 8.2
Debt securities	37.4	2.0	37.4	2.1
Other	3.6	-	30.6	-
Total	\$ 117.8	\$ 7.6	\$ 112.5	\$ 10.3

The weighted average maturity of debt securities held by the trust at March 31, 2010, was approximately 7 years. The costs of securities sold are determined on the basis of specific identification. The following table summarizes the gains and losses from the sale of securities by the nuclear decommissioning trust fund.

Three Months Ended March 31	2010	2009
	(millions)	
Realized Gains	\$ 6.8	\$ 0.3
Realized Losses	(0.4)	(4.1)

## 5. REGULATORY MATTERS

### Regulatory Proceedings

In December 2009, KCP&L filed a request with The State Corporation Commission of the State of Kansas (KCC) for an annual rate increase of \$55.2 million. The request included costs related to Iatan No. 2, a new coal-fired generation unit, upgrades to the transmission and distribution system to improve reliability and overall increased costs of service. KCP&L requested a return on equity of 11.25% based upon a capital structure of 46.17% equity. Any authorized changes to retail rates are expected to be effective late in the fourth quarter of 2010 or early first quarter 2011. KCP&L expects to file a rate case in Missouri in the second quarter of 2010 to include costs related to Iatan No. 2, upgrades to the transmission and distribution system to improve reliability and overall increased costs of service. Any authorized changes to retail rates are expected to be effective in the second quarter of 2011.

### Comprehensive Energy Plan – Iatan No. 2

In April of 2010, KCP&L announced the results of a cost and schedule reforecast for Iatan No. 2. Based on the results of the reforecast process, KCP&L currently projects a fourth quarter 2010 in-service date for Iatan No. 2. The current and previous cost estimate ranges are shown in the following table. The cost estimate ranges do not include allowance for funds used during construction or the cost of common facilities that were identified at the time of the start-up of the Iatan No. 1 environmental project that will be used by both Iatan No. 1 and Iatan No. 2.

	Current Estimate Range	Previous Estimate Range	Change
	(millions)		
KCP&L's 55% share of Iatan No. 2	\$ 919 - \$ 941	\$ 868 - \$ 904	\$ 51 - \$ 37

The increase in the cost estimate range is primarily due to the shift in the expected in-service date, the impact of lower wholesale prices on expected test power revenues that offset construction cost, and a level of contingency management

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

considers appropriate in light of recent start-up events encountered at other coal plants under construction.

### **Collaboration Agreement**

In March 2007, KCP&L, the Sierra Club and the Concerned Citizens of Platte County entered into a Collaboration Agreement that resolved disputes among the parties. KCP&L agreed in the Collaboration Agreement to pursue initiatives, including energy efficiency, designed to offset CO<sub>2</sub> emissions. KCP&L is also evaluating energy efficiency projects as one of the elements to meet future customer energy needs. The Company currently recovers energy efficiency program expenses on a deferred basis. While there are ongoing regulatory proceedings in Missouri and Kansas to address recovery of and earnings on the investments of utilities in energy efficiency programs, until these rules are set and programs are approved, the effects on KCP&L's plans and future results cannot be reasonably estimated. However, management generally views this as a positive development in establishing a regulatory framework for energy efficiency programs and potentially allowing energy efficiency costs to be recovered through rates similar to the recovery of generation resource costs.

In the Collaboration Agreement, KCP&L agreed to pursue other initiatives including additional wind generation, lower emission permit levels at its Iatan and LaCygne generating stations and other initiatives designed to offset CO<sub>2</sub> emissions. KCP&L also agreed to offset an additional 711,000 tons of CO<sub>2</sub> by the end of 2012. KCP&L currently expects to achieve this offset through a number of alternatives, including improving the efficiency of its coal-fired units, equipping certain gas-fired units for winter operation and, if necessary, possibly reducing output of, or retiring, one or more coal-fired units. Full implementation of the terms of the Collaboration Agreement will necessitate approval from the appropriate authorities, as some of the initiatives in the agreement require regulatory approval.

KCP&L agreed in the Collaboration Agreement to pursue increasing its wind generation capacity by 100MW by the end of 2010 and by an additional 300MW of wind generation capacity by the end of 2012, subject to regulatory approval. KCP&L owns thirty-two turbines with a book value of approximately \$87 million. In December 2009, KCP&L issued requests for proposals to add up to 300MW of wind generation in the 2010 – 2011 timeframe under purchase power agreements and/or the combination of purchase power agreements and arrangements where KCP&L would own and operate the facilities after development and construction. KCP&L expects that the thirty-two turbines it already owns will be utilized in one of the projects under proposal. KCP&L is evaluating the proposals and anticipates entering into a 100MW power purchase agreement for deliveries starting by the end of 2010.

### **SPP and NERC Audits**

In November 2009, the Southwest Power Pool, Inc. (SPP) and the North American Electric Reliability Corporation (NERC) conducted a scheduled audit of KCP&L regarding compliance with NERC reliability and critical infrastructure protection standards. KCP&L has received the final audit report alleging violation of certain standards, which could result in penalties. The timing and amount of such penalties that may be proposed is unknown at this time.

### **Regulatory Assets and Liabilities**

KCP&L's regulatory assets and liabilities are detailed in the following table.

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

	March 31 2010	December 31 2009
<b>Regulatory Assets</b>	(millions)	
Taxes recoverable through future rates	\$ 204.9	\$ 201.4
Asset retirement obligations	24.7	23.8
Pension settlements	12.4 (a)	13.5
Pension and post-retirement costs	388.1 (b)	395.0
Deferred customer programs	35.8 (c)	35.6
Rate case expenses	7.3 (d)	7.4
Skill set realignment costs	5.8 (e)	6.1
Under-recovery of energy costs	0.8 (d)	0.7
Acquisition transition costs	29.4 (f)	29.3
Iatan No. 1 and Common facilities depreciation and carrying costs	7.4 (g)	4.6
Other	4.7 (h)	5.2
Total	\$ 721.3	\$ 722.6
<b>Regulatory Liabilities</b>		
Taxes refundable through future rates	\$ 112.7	\$ 123.8
Emission allowances	86.1	86.2
Asset retirement obligations	37.4	33.4
Other	6.7	7.3
Total	\$ 242.9	\$ 250.7

- (a) \$6.8 million not included in rate base and amortized through 2012.
- (b) Represents the funded status of the pension plans more than offset by related liabilities. Also represents financial and regulatory accounting method differences not included in rate base that will be eliminated over the life of the pension plans.
- (c) \$12.6 million not included in rate base and amortized over various periods.
- (d) Not included in rate base and amortized over various periods.
- (e) \$3.1 million not included in rate base and amortized through 2017.
- (f) Not included in rate base. The MPSC order provided for the deferral of transition costs to be amortized over a five-year period to the extent that synergy savings exceed transition cost amortization. The Company settled its first post-transaction rate cases and the settlement agreements did not address transition costs. The Company will continue to defer transition costs until amortization is ordered by the MPSC. KCC order approved the deferral of up to \$10.0 million of transition costs to be amortized over a five-year period beginning with rates expected to be effective in fourth quarter 2010 or early first quarter 2011.
- (g) Not included in rate base.
- (h) Certain insignificant items are not included in rate base and amortized over various periods.

## 6. PENSION PLANS AND OTHER EMPLOYEE BENEFITS

KCP&L does not have a defined pension plan; however, KCP&L employees and officers participate in Great Plains Energy's pension plans. Great Plains Energy maintains defined benefit pension plans for substantially all active and inactive employees, including officers, of KCP&L, GMO, and Wolf Creek Nuclear Operating Corporation (WCNOC) and incurs significant costs in providing the plans. Pension benefits under these plans reflect the employees' compensation, years of service and age at retirement.

KCP&L records pension expense in accordance with rate orders from the MPSC and KCC that allow the difference between pension costs under GAAP and pension costs for ratemaking to be recognized as a regulatory asset or liability.

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

This difference between financial and regulatory accounting methods is due to timing and will be eliminated over the life of the pension plans.

In addition to providing pension benefits, Great Plains Energy provides certain post-retirement health care and life insurance benefits for substantially all retired employees of KCP&L, GMO, and WCNO. The cost of post-retirement benefits charged to KCP&L is accrued during an employee's years of service and recovered through rates.

The following table provides Great Plains Energy's components of net periodic benefit costs prior to the effects of capitalization and sharing with joint-owners of power plants.

Three Months Ended March 31	Pension Benefits		Other Benefits	
	2010	2009	2010	2009
<b>Components of net periodic benefit costs</b>	(millions)			
Service cost	\$ 7.6	\$ 7.3	\$ 0.9	\$ 1.0
Interest cost	12.3	11.8	2.2	2.1
Expected return on plan assets	(9.1)	(8.0)	(0.5)	(0.4)
Prior service cost	1.2	1.0	1.8	1.0
Recognized net actuarial loss	9.3	9.1	-	0.1
Transition obligation	-	-	0.3	0.3
Net periodic benefit costs before regulatory adjustment	21.3	21.2	4.7	4.1
Regulatory adjustment	(8.4)	(3.9)	-	-
Net periodic benefit costs	\$ 12.9	\$ 17.3	\$ 4.7	\$ 4.1

For the three months ended March 31, 2010, Great Plains Energy contributed \$4.5 million to the pension plans and expects to contribute an additional \$60.3 million in 2010 to satisfy the ERISA funding requirements and the MPSC and KCC rate orders, the majority of which is expected to be paid by KCP&L.

On March 23, 2010, President Obama signed into law The Patient Protection and Affordable Care Act, a comprehensive health care reform bill. Management expects a minimal impact as a result of this new legislation in the short-term but will continue to monitor for any long-term impacts. For the three months ended March 31, 2010, Great Plains Energy and KCP&L recorded a \$2.8 million increase in income tax expense for the cumulative change in tax treatment of the Medicare Part D subsidy under this new legislation.

## 7. EQUITY COMPENSATION

KCP&L does not have an equity compensations plan; however, certain KCP&L employees participate in Great Plains Energy's Long-Term Incentive Plan. Great Plains Energy's Long-Term Incentive Plan is an equity compensation plan approved by Great Plains Energy's shareholders. The Long-Term Incentive Plan permits the grant of restricted stock, stock options, limited stock appreciation rights, director shares, director deferred share units and performance shares to directors, officers and other employees of Great Plains Energy and KCP&L. Forfeiture rates are based on historical forfeitures and future expectations and are reevaluated annually. The following table summarizes KCP&L's equity compensation expense and associated income tax benefits.



Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

Three Months Ended March 31	2010	2009
	(millions)	
Compensation expense	\$ 0.2	\$ 1.3
Income tax benefits	-	0.4

### Performance Shares

Performance share activity for the three months ended March 31, 2010, is summarized in the following table.

	Performance Shares	Grant Date Fair Value*
Beginning balance	294,641	\$ 13.62
Performance adjustment	(23,969)	
Granted	231,598	23.38
Issued	(6,138)	10.87
Forfeited	(5,686)	13.35
Ending balance	490,446	18.40

\* weighted-average

Performance adjustment represents the number of shares of common stock related to performance shares ultimately issued that can vary from the number of performance shares initially granted depending on Great Plains Energy's performance, based on internal and external measures, over stated performance periods.

The fair value of performance share awards is estimated using a Monte Carlo simulation technique that uses the closing stock price at the valuation date and incorporates assumptions for inputs of expected volatilities, dividend yield and risk-free rates. Expected volatility is based on daily stock price change during a historical period commensurate with the remaining term of the performance period of the grant. The risk-free rate is commensurate with the remaining life of the performance period of the grant based on the zero-coupon government bonds in effect at the time of the valuation. The dividend yield is based on the most recent dividends paid and the actual closing stock price on the valuation date. For shares granted for the three months ended March 31, 2010, inputs for expected volatility, dividend yield and risk-free rates were 31%, 4.65%, and 1.2%, respectively.

At March 31, 2010, the remaining weighted-average contractual term was 2.1 years. The weighted-average grant-date fair value of shares granted for the three months ended March 31, 2010, was \$23.38. There were no performance shares granted for the three months ended March 31, 2009. At March 31, 2010, there was \$3.8 million of total unrecognized compensation expense, net of forfeiture rates, related to performance shares granted under the Long-Term Incentive Plan, which will be recognized over the remaining weighted-average contractual term. The total fair value of shares of common stock issued related to performance shares for the three months ended March 31, 2010, was insignificant. There were no shares of common stock issued related to performance shares for the three months ended March 31, 2009.

### Restricted Stock

Restricted stock activity for the three months ended March 31, 2010, is summarized in the following table.

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

	Nonvested Restricted Stock	Grant Date Fair Value*
Beginning balance	612,587	\$ 20.24
Granted and issued	98,211	17.71
Vested	(158,420)	30.71
Forfeited	(9,252)	20.09
Ending balance	543,126	16.74

\* weighted-average

At March 31, 2010, the remaining weighted-average contractual term was 1.6 years. The weighted-average grant-date fair value of shares granted for the three months ended March 31, 2010 and 2009, was \$17.71 and \$19.55, respectively. At March 31, 2010, there was \$3.0 million of total unrecognized compensation expense, net of forfeiture rates, related to nonvested restricted stock granted under the Long-Term Incentive Plan, which will be recognized over the remaining weighted-average contractual term. The total fair value of shares vested for the three months ended March 31, 2010 and 2009, was \$4.9 million and \$5.3 million, respectively.

## 8. SHORT-TERM BORROWINGS AND SHORT-TERM BANK LINES OF CREDIT

KCP&L's \$600 million revolving credit facility with a group of banks to provide support for its issuance of commercial paper and other general corporate purposes expires in May 2011. A default by KCP&L on other indebtedness totaling more than \$25.0 million is a default under the facility. Under the terms of the agreement, KCP&L is required to maintain a consolidated indebtedness to consolidated capitalization ratio, as defined in the agreement, not greater than 0.65 to 1.00 at all times. At March 31, 2010, KCP&L was in compliance with this covenant. At March 31, 2010, KCP&L had \$204.0 million of commercial paper outstanding, at a weighted-average interest rate of 0.45%, \$20.9 million of letters of credit outstanding and no outstanding cash borrowings under the facility. At December 31, 2009, KCP&L had \$186.6 million of commercial paper outstanding, at a weighted-average interest rate of 0.58%, \$20.9 million of letters of credit outstanding and no outstanding cash borrowings under the facility.

## 9. LONG-TERM DEBT

KCP&L's long-term debt is detailed in the following table.

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

	Year Due	March 31 2010	December 31 2009
(millions)			
General Mortgage Bonds			
4.90%* EIRR bonds	2012-2035	\$ 158.8	\$ 158.8
7.15% Series 2009A (8.59% rate**)	2019	400.0	400.0
4.65% EIRR Series 2005	2035	50.0	50.0
5.125% EIRR Series 2007A-1	2035	63.3	63.3
5.00% EIRR Series 2007A-2	2035	10.0	10.0
5.375% EIRR Series 2007B	2035	73.2	73.2
Senior Notes			
6.50% Series	2011	150.0	150.0
5.85% Series (5.72% rate**)	2017	250.0	250.0
6.375% Series (7.49% rate**)	2018	350.0	350.0
6.05% Series (5.78% rate**)	2035	250.0	250.0
EIRR Bonds			
4.90% Series 2008	2038	23.4	23.4
Other	2010-2018	3.5	3.5
Unamortized discount		(2.1)	(2.1)
Total		\$ 1,780.1	\$ 1,780.1

\* Weighted-average interest rates at March 31, 2010

\*\* Rate after amortizing gains/losses recognized in OCI on settlements of interest rate hedging instruments

### Fair Value of Long-Term Debt

Fair value of long-term debt is based on quoted market prices, with the incremental borrowing rate for similar debt used to determine fair value if quoted market prices were not available. At March 31, 2010, and December 31, 2009, the book value and fair value of KCP&L's long-term debt, including current maturities, was \$1.8 billion and \$1.9 billion, respectively.

### Amortization of Debt Expense

KCP&L's amortization of debt expense was \$0.5 million and \$0.4 million for the three months ended March 31, 2010 and 2009, respectively.

### KCP&L EIRR Bonds

In March 2010, KCP&L remarketed its 5.00% EIRR Series 2007A-2 general mortgage bonds maturing in 2035 totaling \$10.0 million to a new fixed rate of 2.625% from April 1, 2010, through March 31, 2011.

## 10. COMMITMENTS AND CONTINGENCIES

### Environmental Matters

KCP&L is subject to extensive regulation by federal, state and local authorities with regard to environmental matters primarily through their utility operations. In addition to imposing extensive and continuing compliance obligations, laws, regulations and permits authorize the imposition of substantial penalties for noncompliance, including fines, injunctive relief and other sanctions. The cost of complying with current and future environmental requirements is expected to be material to KCP&L. Failure to comply with environmental requirements or to timely recover environmental costs through rates could have a material adverse effect on KCP&L.

The following discussion groups environmental and certain associated matters into the broad categories of air and climate change, water, solid waste and remediation.

### Air and Climate Change

The Clean Air Act and associated regulations enacted by the Environmental Protection Agency (EPA) form a

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

comprehensive program to preserve air quality. States are required to establish regulations and programs to address all requirements of the Clean Air Act and have the flexibility to enact more stringent requirements. All of KCP&L's generating facilities, and certain of their other facilities, are subject to the Clean Air Act.

KCP&L's current estimate of capital expenditures (exclusive of AFUDC and property taxes) to comply with the currently effective Clean Air Interstate Rule (CAIR) and with the best available retrofit technology (BART) rule is approximately \$1 billion. As discussed below, CAIR has been remanded to the EPA, but remains in effect until the EPA issues rules consistent with the court's order or until the court takes further action. It is not possible to predict what rules the EPA may issue as a result of this remand, when the rules may be issued, or the costs associated with such rules. The actual cost of compliance with any future rules, and with BART, may be significantly different from the cost estimate provided.

The potential capital costs of the Collaboration Agreement provisions (discussed below) relating to NO<sub>x</sub>, SO<sub>2</sub> and particulate emission limits at the LaCygne generating station are within the disclosed overall capital cost estimate. However, the estimated capital costs do not reflect potential costs relating to requirements enacted in the future, including potential requirements regarding climate change and control of mercury emissions (discussed below), and also do not reflect costs relating to additional wind generation, energy efficiency and other CO<sub>2</sub> emission offsets contemplated by the Collaboration Agreement or that may be required under the Missouri or Kansas renewable energy standards, which are discussed below. The estimate does not reflect the non-capital costs KCP&L incurs on an ongoing basis to comply with environmental laws, which may increase in the future due to the implementation of KCP&L's Comprehensive Energy Plan and the ongoing compliance with current or future environmental laws. KCP&L expects to seek recovery of the costs associated with the Collaboration Agreement and environmental requirements through rate increases; however, there can be no assurance that such rate increases would be granted. KCP&L may be subject to materially adverse rate treatment in response to competitive, economic, political, legislative, public perception of KCP&L's environmental reputation and regulatory pressures.

#### ***Clean Air Interstate Rule (CAIR)***

The CAIR requires reductions in SO<sub>2</sub> and NO<sub>x</sub> emissions in 28 states, including Missouri. The reduction in both SO<sub>2</sub> and NO<sub>x</sub> emissions is set to be accomplished through establishment of permanent statewide caps for NO<sub>x</sub> effective January 1, 2009, and SO<sub>2</sub> effective January 1, 2010. More restrictive caps are scheduled to become effective January 1, 2015. KCP&L's fossil fuel-fired plants located in Missouri are subject to CAIR, while their fossil fuel-fired plants in Kansas are not.

On July 11, 2008, the D.C. Circuit Court of Appeals vacated CAIR in its entirety and remanded the matter to the EPA to promulgate a new rule consistent with its opinion. On December 23, 2008, the Court issued an order remanding CAIR to the EPA to revise the rule consistent with its July 2008 order. The CAIR thus remains in effect pending future EPA or court action.

The EPA's future revisions to CAIR could result in a rule that requires greater emission reductions, imposes an earlier compliance deadline, changes or eliminates the NO<sub>x</sub> fuel factor adjustment, includes additional states (including Kansas), does not allow for emissions reductions to be obtained through interstate allowance trading or the use of the Acid Rain Program SO<sub>2</sub> allowances, or imposes other requirements not yet known. KCP&L cannot predict the outcome of the EPA's revisions to CAIR, but such revisions could have a significant effect on KCP&L's results of operations, financial position and cash flows.

CAIR currently establishes a market-based cap-and-trade program with an emission allowance allocation.

Facilities demonstrate compliance with CAIR by holding sufficient allowances for each ton of SO<sub>2</sub> and NO<sub>x</sub>

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

emitted in any given year. KCP&L is currently allowed to utilize unused SO<sub>2</sub> emission allowances that it has either accumulated during previous years of the Acid Rain Program or purchased to meet the more stringent CAIR requirements. At March 31, 2010, KCP&L had accumulated unused SO<sub>2</sub> emission allowances sufficient to support over 135,000 tons of SO<sub>2</sub> emissions (enough to support expected requirements under the current CAIR for the foreseeable future) under the provisions of the Acid Rain program, which are recorded in inventory at zero cost. KCP&L is permitted to sell excess SO<sub>2</sub> emission allowances in accordance with KCP&L's Comprehensive Energy Plan as approved by the MPSC and KCC. KCP&L purchases NO<sub>x</sub> allowances as needed.

In 2009, KCP&L completed environmental upgrades at Iatan No. 1 for compliance with the current CAIR rule as part of its Comprehensive Energy Plan. Analysis of the current CAIR rule indicates that NO<sub>x</sub> and SO<sub>2</sub> control may be required for KCP&L's Montrose Station in Missouri, and control may be achieved through a combination of pollution control equipment and the use or purchase of emission allowances as needed. KCP&L continues to evaluate compliance options in light of developing potential legislative and regulatory environmental requirements.

#### ***Best Available Retrofit Technology Rule (BART)***

The EPA BART rule directs state air quality agencies to identify whether visibility-reducing emissions from sources subject to BART are below limits set by the state or whether retrofit measures are needed to reduce emissions. BART applies to specific eligible facilities including KCP&L's LaCygne Nos. 1 and 2 in Kansas, KCP&L's Iatan No. 1 and KCP&L's Montrose No. 3 in Missouri. Initially, in Missouri, compliance with CAIR will be compliance with BART for individual sources. Neither Missouri nor Kansas has received EPA approval for their BART plans.

#### ***Mercury Emissions***

In January 2009, the EPA issued a memorandum stating that new electric steam generating units (EGUs) that began construction while the Clean Air Mercury Rule (CAMR) was effective are subject to a new source maximum achievable control technology (MACT) determination on a case-by-case basis.

In July 2009, the EPA sent letters notifying KCP&L that MACT determinations and schedules of compliance are required for coal and oil-fired EGUs that began actual construction or reconstruction after December 15, 2000, and identified Iatan No. 2 and Hawthorn No. 5 as affected EGUs. This was an outcome of the D.C. Court of Appeals' vacatur of both the CAMR and the contemporaneously promulgated rule removing EGUs from MACT requirements. KCP&L believes that Hawthorn No. 5 is not an affected EGU based on the reconstruction dates of the unit, and provided supporting documentation to the Missouri Department of Natural Resources (MDNR). It is not currently known how MACT determinations and schedules of compliance will impact the permitting or operating requirements for these two units, but it is possible a MACT determination may ultimately require additional emission control equipment and permit limits at Iatan No. 2, Hawthorn No. 5, or both.

In April 2010, the EPA, in a court approved settlement, agreed to develop MACT standards for mercury and potentially other hazardous air pollutant emissions. In the settlement agreement, the EPA agreed to propose MACT standards in March 2011 with final standards by November 2011. These MACT standards, if adopted, could impact KCP&L's new and existing facilities.

The estimated required environmental expenditures of approximately \$1 billion to comply with CAIR and BART, discussed above, do not reflect any amounts for compliance with MACT determinations and future MACT standards because management cannot predict the outcome of further judicial, administrative or regulatory actions or their financial or operational effects on KCP&L. However, such actions could have a significant effect

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

on KCP&L's results of operations, financial position and cash flows. Some of the control technology for SO<sub>2</sub> and NO<sub>x</sub> could also aid in the control of mercury.

### ***Industrial Boiler Rule***

In April 2010, the EPA issued a proposed rule that would set MACT standards for hazardous air pollutants from industrial boilers. The proposed rule would establish emission limits for KCP&L's new and existing units that produce steam but not for the generation of electricity. This proposed rule does not apply to KCP&L's electrical generating boilers. Until a rule is finalized, the financial and operational impacts to KCP&L cannot be determined.

### ***Collaboration Agreement***

In March 2007, KCP&L, the Sierra Club and the Concerned Citizens of Platte County entered into a Collaboration Agreement under which KCP&L agreed to pursue a set of initiatives including energy efficiency, additional wind generation, lower emission permit levels at its Iatan and LaCygne generating stations and other initiatives designed to offset CO<sub>2</sub> emissions.

KCP&L agreed in the Collaboration Agreement to seek a consent agreement, which it has done, with the Kansas Department of Health and Environment (KDHE) incorporating limits for stack particulate matter emissions, as well as limits for NO<sub>x</sub> and SO<sub>2</sub> emissions at its LaCygne Station that will be below the presumptive limits under BART. KCP&L further agreed to use its best efforts to install emission control technologies to reduce those emissions from the LaCygne Station prior to the required compliance date under BART, but in no event later than June 1, 2015. Also as provided in the Collaboration Agreement, KCP&L issued, in 2008, requests for proposals for equipment required to comply with BART. KCP&L is continuing to evaluate compliance options in light of developing potential legislative and regulatory environmental requirements.

### ***Climate Change***

Management believes it is likely that additional federal or relevant state or local laws or regulations could be enacted to address global climate change. At the international level, while the United States is not a current party to the Kyoto Protocol, it has agreed to undertake certain voluntary actions under the non-binding Copenhagen Accord, including the establishment of a goal to reduce greenhouse gas emissions. International agreements legally binding on the United States may be reached in the future. Such laws or regulations could mandate requirements to control or reduce the emission of greenhouse gases, such as CO<sub>2</sub>, which are created in the combustion of fossil fuels. KCP&L's current generation capacity is primarily coal-fired and is estimated to produce about one ton of CO<sub>2</sub> per MWh, or approximately 17 million tons per year. Laws have recently been passed in Missouri and Kansas, the states in which KCP&L's retail electric business operates, setting renewable energy standards, and management believes that national renewable energy standards are also likely. While management believes additional requirements addressing these matters will probably be enacted, the timing, provisions and impact of such requirements, including the cost to obtain and install new equipment to achieve compliance, cannot be reasonably estimated at this time. In addition, certain federal courts have held that state and local governments and private parties have standing to bring climate change tort suits seeking company-specific emission reductions and monetary or other damages. While KCP&L is not a party to any climate change tort suit, there is no assurance that such suits may not be filed in the future or the outcome if such suits are filed. Such requirements or litigation outcomes could have the potential for a significant financial and operational impact on KCP&L. KCP&L would seek recovery of capital costs and expenses for compliance through rate increases; however, there can be no assurance that such rate increases would be granted.

Legislation concerning the reduction of emissions of greenhouse gases, including CO<sub>2</sub>, is being considered at the

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

federal and state levels, and some initial steps toward definitive regulation have been taken, all with various compliance dates and reduction strategies. Greenhouse gas regulation has the potential of having significant financial and operational impacts on KCP&L, including with respect to achieving compliance with limits that may be established. However, the ultimate financial and operational consequences to KCP&L cannot be determined until legislation is passed or regulations enacted. Management will continue to monitor the progress of relevant bills and regulations.

The American Clean Energy and Security Act of 2009 (House Bill) passed the U.S. House of Representatives in June 2009. The House Bill would establish a 20% renewable electricity standard (Federal RES) by 2020, starting with an initial 6% requirement by 2012. The House Bill would also establish a greenhouse gas cap and trade program, requiring KCP&L and other affected entities to comply by surrendering allowances or offsets for each ton of greenhouse gas emitted. The number of allowances would be initially set and then reduced over time, with the projected effect of reducing greenhouse gas emissions below 2005 levels by 3%, 17%, 42%, and 83% by 2012, 2020, 2030, and 2050, respectively. In addition, the House Bill would establish CO<sub>2</sub> emission performance standards for new coal-fired units that receive an initial permit after January 1, 2009. In September 2009, the Senate Environmental and Public Works Committee voted out the Clean Energy Jobs and American Power Act (Senate Bill). The Senate Bill closely mirrors many elements of the House Bill, but differs in respects as well. The Senate Bill features a more aggressive 20% reduction target by 2020 from 2005 levels compared to the House Bill.

Both the House and Senate Bills are complex, and there are many aspects of the Bills that cannot be reasonably estimated, including the availability and price of allowances and offsets in the market to be established by the Bills. It is also not possible to reasonably project the provisions of greenhouse gas legislation that may ultimately be enacted by Congress. The level of uncertainty regarding the prospects for these Bills has increased in recent months, and no legislation or substantially different legislation may be enacted. Subject to these qualifications and uncertainties and assuming the House Bill becomes law and there is no change in operations, management currently projects that KCP&L would be allocated up to approximately 60% fewer allowances than needed to cover its projected 2012 CO<sub>2</sub> emissions. KCP&L would be required to reduce emissions, purchase allowances or offsets, or a combination of both. KCP&L would seek recovery of compliance costs in rates; however, there is no assurance regarding the timing or amount of compliance costs recovery. The ultimate annual cost of compliance with the Federal RES and the cap and trade program cannot be reasonably estimated at this time, but could be in an initial range of about \$200 million to \$600 million for KCP&L. These potential costs could require electric rate increases initially aggregating about 20% to 50% for KCP&L. As the number of allowances is reduced, and the Federal RES increases over time, the costs and resulting electric rates would increase as well. Additional greenhouse gas bills may be introduced in Congress, but the provisions of any legislation that may be enacted, including when and to what extent such legislation will regulate CO<sub>2</sub> emissions, cannot be determined at this time.

Even if there are no new Congressional mandates, the EPA is proceeding with the regulation of greenhouse gases under the existing Clean Air Act. In April 2010, the EPA finalized greenhouse gas emission standards for light-duty vehicles. These are the first-ever national greenhouse gas emission standards under the Clean Air Act.

In March 2010, the EPA completed its reconsideration of the 2008 interpretative memorandum that addressed when the Clean Air Act Federal Prevention of Significant Deterioration (PSD) program would cover a pollutant, including greenhouse gases such as CO<sub>2</sub>. The EPA affirmed the interpretative memorandum's position that PSD permitting applicability for stationary sources such as KCP&L's generating facilities is not triggered for a pollutant such as CO<sub>2</sub> until a final nationwide rule requires actual control of emissions of the pollutant. The EPA

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

interprets that PSD permitting requirements are triggered when the control requirement of the nationwide rule takes effect. The EPA further explained that occurs when the first national rule regulating greenhouse gas takes effect. The rule limiting greenhouse gas emissions for light-duty vehicles will trigger these requirements in January 2011, the earliest date that 2012 vehicles meeting the standards can be sold in the United States. In addition, the EPA explained that this interpretation applies to Title V permitting as well.

In September 2009, the EPA announced a proposed rule that focuses on large facilities emitting over 25,000 tons of greenhouse gas emissions per year. The proposed rule would establish new thresholds for greenhouse gas emissions, defining when Clean Air Act permits under the New Source Review and Title V operating permits programs would be required for new or existing industrial facilities. In February 2010, the EPA announced it is also considering raising the 25,000 tons of greenhouse gas threshold contained in the proposed rule. Most of KCP&L's generating facilities would be subject to the proposed New Source Review program greenhouse gas provisions. The EPA could also propose rulemaking specific to New Source Performance Standards or other programs as identified in the EPA's July 2008 advanced notice of proposed rulemaking on the ramifications of regulating greenhouse gas emissions under the Clean Air Act. These proposed and potential rules may ultimately regulate greenhouse gas emissions, which may include such emissions from KCP&L's facilities.

At the state level, a Kansas law enacted in May 2009 requires Kansas public electric utilities, including KCP&L, to have renewable energy generation capacity equal to at least 10% of their three-year average Kansas peak retail demand by 2011. The percentage increases to 15% by 2016 and 20% by 2020. A Missouri law enacted in November 2008 requires at least 2% of the electricity provided by Missouri investor-owned utilities (including KCP&L) to its Missouri retail customers to come from renewable resources, including wind, solar, biomass and hydropower, by 2011, increasing to 5% in 2014, 10% in 2018, and 15% in 2021, with a small portion (estimated to be about 2MW for KCP&L in 2011) required to come from solar resources. Regulations implementing these laws are being drafted by the MPSC and KCC, and the ultimate impacts on KCP&L cannot be reasonably estimated at this time. However, there is a potential that KCP&L could be required to add up to 115MW in additional renewable energy resources, including 2MW of solar resources, by 2011, which could be satisfied through ownership, purchase power agreements or renewable energy credits. In December 2009, KCP&L issued requests for proposals to add up to 300MW of wind generation in the 2010 – 2011 timeframe under purchase power agreements and/or the combination of purchase power agreements and arrangements where KCP&L would own and operate the facilities after development and construction. KCP&L is evaluating the proposals and anticipates entering into a 100MW power purchase agreement for deliveries starting by the end of 2010. KCP&L issued a request for proposals for solar resources, and is evaluating the responses. Additionally, in November 2007, governors from six Midwestern states, including Kansas, signed the Midwestern Greenhouse Gas Reduction Accord, which has established the goal of reducing member states' greenhouse gas emissions to 15% to 20% below 2005 levels by 2020, and 60% to 80% below 2005 levels by 2050.

### ***Ozone NAAQS***

In June 2007, monitor data indicated that the Kansas City area violated the 1997 primary eight-hour ozone national ambient air quality standard (NAAQS). Missouri and Kansas have implemented the responses established in the maintenance plans for control of ozone. The responses in both states do not require additional controls at KCP&L's generation facilities beyond the currently proposed controls for CAIR and BART. The EPA has various options over and above the implementation of the maintenance plans for control of ozone to address the violation but has not yet acted. At this time, management is unable to predict how the EPA will respond or how that response will impact KCP&L's operations. However, the EPA's response could have a significant effect on KCP&L's results of operations, financial position and cash flows.

In March 2008, the EPA significantly strengthened its NAAQS for ground-level ozone. The EPA revised the



Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

primary eight-hour ozone standard, designed to protect public health, to a level of 0.075 parts per million (ppm). The EPA also strengthened the secondary eight-hour ozone standard to the level of 0.075 ppm making it identical to the revised primary standard. The previous primary and secondary standards, set in 1997, were effectively 0.084 ppm.

In March 2009, the MDNR and KDHE submitted to the EPA their determinations that the Kansas City area is a nonattainment area under the 2008 primary eight-hour ozone standard. The EPA will make final designations of attainment and nonattainment areas. By 2013, states must submit state implementation plans outlining how states will reduce ozone to meet the standards in nonattainment areas. Although the impact on KCP&L's operations will not be known until after the final nonattainment designations and the state implementation plans are submitted, it could have a significant effect on KCP&L's results of operations, financial position and cash flows.

In January 2010, the EPA proposed to reconsider and further strengthen the 2008 NAAQS for ground-level ozone. The EPA proposed to strengthen the primary eight-hour ozone standard to a level within the range of 0.060-0.070 ppm. The EPA also proposed to establish a distinct cumulative, seasonal secondary standard, designed to protect sensitive vegetation and ecosystems, to within the range of 7-15 ppm-hours.

### ***SO<sub>2</sub> NAAQS***

In November 2009, the EPA proposed to strengthen the NAAQS for SO<sub>2</sub>. The EPA is proposing to revise the primary SO<sub>2</sub> standard to a level between 0.050 and 0.100 ppm measured over 1-hour. The existing primary standards were 0.140 ppm measured over 24-hours and 0.030 ppm measured over an entire year. The EPA also is taking comment on alternative levels for the 1-hour standard up to 0.150 ppm. Although the impact on KCP&L's operations will not be known until after the final rules are promulgated, nonattainment designations approved and the state implementation plans submitted, it could have a significant effect on KCP&L's results of operations, financial position and cash flows.

### ***Montrose Station Notice of Violation***

In June 2009, KCP&L received notification from the MDNR alleging that its Montrose Station had excess particulate matter emissions in 2008. KCP&L is working with the MDNR to resolve this issue and management believes the outcome will have an insignificant impact to KCP&L's results of operations, financial position and cash flows.

### ***Water***

The Clean Water Act and associated regulations enacted by the EPA form a comprehensive program to preserve water quality. Like the Clean Air Act, states are required to establish regulations and programs to address all requirements of the Clean Water Act, and have the flexibility to enact more stringent requirements. All of KCP&L's generating facilities, and certain of their other facilities, are subject to the Clean Water Act.

Section 316(b) of the Clean Water Act is designed to protect aquatic life from being killed or injured by cooling water intake structures. The EPA had previously issued regulations pursuant to Section 316(b) of the Clean Water Act regarding cooling water intake structures. Subsequent to an appellate court ruling, the EPA suspended the regulations and is engaged in further rulemaking on this matter. At this time, management is unable to predict how the EPA will respond or how that response will impact KCP&L's operations.

KCP&L holds a permit from the MDNR covering water discharge from its Hawthorn Station. The permit authorizes KCP&L, among other things, to withdraw water from the Missouri river for cooling purposes and return the heated water to the Missouri river. KCP&L has applied for a renewal of this permit and the EPA has submitted an interim objection letter regarding the allowable amount of heat that can be contained in the returned water. Until this matter is resolved,

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

KCP&L continues to operate under its current permit. KCP&L cannot predict the outcome of this matter; however, while less significant outcomes are possible, this matter may require KCP&L to reduce its generation at Hawthorn Station, install cooling towers or both, any of which could have a significant impact on KCP&L. The outcome could also affect the terms of water permit renewals at KCP&L's Iatan Station.

In September 2009, the EPA announced plans to revise the existing standards for water discharges from coal-fired power plants. Until a rule is proposed and finalized, the financial and operational impacts to KCP&L cannot be determined.

#### ***Solid Waste***

Solid and hazardous waste generation, storage, transportation, treatment and disposal is regulated at the federal and state levels under various laws and regulations. In May 2010, the EPA proposed to regulate coal combustion residuals (CCRs) under the Resource Conservation and Recovery Act (RCRA) to address the risks from the disposal of CCRs generated from the combustion of coal at electric utilities. The EPA is considering two options in this proposal. Under the first proposal, the EPA would regulate CCRs as special wastes subject to regulation under subtitle C of RCRA, when they are destined for disposal in landfills or surface impoundments. Under the second proposal, the EPA would regulate disposal of CCRs under subtitle D of RCRA. KCP&L principally uses coal in generating electricity and disposes of the combustion products in both on-site facilities and facilities owned by third parties. The proposed CCR rule has the potential of having a significant financial and operational impact on KCP&L in connection with achieving compliance with the requirements proposed. However, the financial and operational consequences to KCP&L cannot be determined until an option is selected by the EPA and the final regulation is enacted.

#### ***Remediation***

Certain federal and state laws, including the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) hold current and previous owners or operators of real property, and any person who arranges for the disposal or treatment of hazardous substances at a property, liable on a joint and several basis for the costs of cleaning up contamination at or migrating from such real property, even if they did not know of and were not responsible for such contamination. CERCLA and other laws also authorize the EPA and other agencies to issue orders compelling potentially responsible parties to clean up sites that are determined to present an actual or potential threat to human health or the environment.

At March 31, 2010, and December 31, 2009, KCP&L had \$0.3 million accrued for environmental remediation expenses, which covers ground water monitoring at a former manufactured gas plant (MGP) site. The amount accrued was established on an undiscounted basis and KCP&L does not currently have an estimated time frame over which the accrued amount may be paid.

In January 2010, the EPA announced an advance notice of proposed rulemaking under CERCLA identifying classes of facilities for which the EPA will develop financial assurance requirements, including the electric power generation, transmission and distribution industry. The CERCLA financial assurance would be for risks associated with KCP&L's production, transportation, treatment, storage or disposal of CERCLA hazardous substances. The impact on KCP&L cannot be determined until the regulations are finalized.

In April 2010, the EPA announced an advance notice of proposed rulemaking for the use and distribution in commerce of certain PCBs, PCB items and certain other areas of the PCB regulations. The EPA is reassessing the use, distribution in commerce, marking, and storage for reuse of liquid PCBs in electric and non-electric equipment and the use of the 50 ppm level for excluded PCB products among other things. The impact on KCP&L cannot be determined until the regulations are finalized.

## **11. LEGAL PROCEEDINGS**

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

### **KCP&L Hawthorn No. 5 Litigation**

KCP&L received reimbursement for the 1999 Hawthorn No. 5 boiler explosion under a property damage insurance policy with Travelers Property Casualty Company of America (Travelers). Travelers filed suit in the U.S. District Court for the Eastern District of Missouri in November 2005, against National Union Fire Insurance Company of Pittsburgh, Pennsylvania, (National Union) and KCP&L was added as a defendant in June 2006. The case was subsequently transferred to the U.S. District Court for the Western District of Missouri. Travelers sought recovery of \$10 million that KCP&L recovered through subrogation litigation. On July 24, 2008, the Court held that Travelers is not entitled to any recovery from KCP&L. Travelers appealed this decision on March 11, 2009, to the Court of Appeals for the Eighth Circuit.

### **KCP&L Spent Nuclear Fuel and Radioactive Waste**

KCP&L and the other two Wolf Creek owners have a lawsuit pending against the United States in the U.S. Court of Federal Claims seeking \$14.1 million of damages resulting from the government's failure to begin accepting spent nuclear fuel for disposal in January 1998, as the government was required to do by the Nuclear Waste Policy Act of 1982. Approximately seventy other similar cases were filed with that court, a few of which have settled. To date, the court has rendered final decisions in several of the cases, most of which are on appeal now. The Wolf Creek case is set for trial in June 2010. Another Federal appellate court has already determined that the government breached its obligation to begin accepting spent fuel for disposal. The questions now before the court in the pending cases are whether and to what extent the utilities are entitled to monetary damages for that breach.

### **KCP&L Advanced Coal Credit Arbitration**

In 2009, KCP&L was served a notice to arbitrate by Empire District Electric Company (Empire), Kansas Electric Cooperative, Inc. (KEPCO) and Missouri Joint Municipal Electric Utility Commission (MJMEUC), joint owners of Iatan No. 2. The joint owners asserted that they are entitled to receive proportionate shares (or the monetary equivalent) of approximately \$125 million of qualifying advance coal project credit for Iatan No. 2. As independent entities, the joint owners are taxed separately and the joint owners do not dispute that they did not, in fact, apply for the credits themselves. Notwithstanding this, the joint owners contend that they should receive proportional shares of the credit. This matter was heard by an arbitration panel in November 2009. On December 30, 2009, the panel issued its order denying the KEPCO and MJMEUC claims but ordering KCP&L and Empire to jointly seek a reallocation of the tax credit from the IRS giving Empire its representative percentage of the total tax credit, worth approximately \$17.7 million. The order further specifies that if the IRS denies the parties' reallocation request or if Empire is allocated less than its proportionate share of the tax credits, KCP&L will be responsible for paying Empire the full value of its representative percentage of the tax credits (less the amount of tax credits, if any, Empire ultimately receives) in cash. KCP&L has recorded a \$17.7 million liability in other current liabilities for this matter. KCP&L filed its appeal of the arbitration order on March 31, 2010.

### **Iatan Levee Litigation**

On May 22, 2009, several farmers filed suit against Great Plains Energy and KCP&L in the Circuit Court of Platte County, Missouri, alleging negligence, private nuisance, trespass and violations of the Missouri Crop Protection Act and seeking unspecified compensatory and punitive damages. These allegations stem from flooding at or near the Iatan Station in 2007 and 2008. The farmers allege the flooding was a result of maintenance of a nearby levee. The petition seeks class certification from the courts. Management cannot predict the outcome of this matter.

## **12. RELATED PARTY TRANSACTIONS AND RELATIONSHIPS**

KCP&L employees manage GMO's business and operate its facilities at cost. These costs totaled \$27.1 million and \$25.0 million, respectively, for the three months ended March 31, 2010 and 2009. Additionally, KCP&L and GMO engage in wholesale electricity transactions with each other. KCP&L is also authorized to participate in the Great Plains Energy money pool, an internal financing arrangement in which funds may be lent on a short-term basis to KCP&L. The

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

following table summarizes KCP&L's related party receivables and payables.

	March 31 2010	December 31 2009
	(millions)	
Receivable from GMO	\$ 5.1	\$ 26.4
Receivable from Receivables Company	26.4	39.8
Payable to Services	(0.1)	(0.2)
Receivable from Great Plains Energy	14.6	15.1
Receivable from MPS Merchant	1.0	0.9

### 13. DERIVATIVE INSTRUMENTS

KCP&L is exposed to a variety of market risks including interest rates and commodity prices. Management has established risk management policies and strategies to reduce the potentially adverse effects that the volatility of the markets may have on KCP&L's operating results. Commodity risk management activities, including the use of certain derivative instruments, are subject to the management, direction and control of an internal risk management committee. Management's interest rate risk management strategy uses derivative instruments to adjust KCP&L's liability portfolio to optimize the mix of fixed and floating rate debt within an established range. In addition, KCP&L uses derivative instruments to hedge against future interest rate fluctuations on anticipated debt issuances. Management maintains commodity price risk management strategies that use derivative instruments to reduce the effects of fluctuations in fuel expense caused by commodity price volatility. Counterparties to commodity derivatives and interest rate swap agreements expose KCP&L to credit loss in the event of nonperformance. This credit loss is limited to the cost of replacing these contracts at current market rates. Derivative instruments, excluding those instruments that qualify for the normal purchase normal sale election, which are accounted for by accrual accounting, are recorded on the balance sheet at fair value as an asset or liability. Changes in the fair value of derivative instruments are recognized currently in net income unless specific hedge accounting criteria are met.

KCP&L has posted collateral, in the normal course of business, for the aggregate fair value of all derivative instruments with credit risk-related contingent features that are in a liability position. If the credit risk-related contingent features underlying these agreements were triggered, KCP&L would be required to post an insignificant amount of collateral to its counterparties.

#### Interest Rate Risk Management

In March 2009, KCP&L issued \$400.0 million of long-term debt and settled three forward starting swaps (FSS) simultaneously with the issuance of this long-term fixed rate debt. No ineffectiveness was recorded on the three FSS in 2009. A pre-tax loss of \$53.4 million was recorded to OCI and is being reclassified to interest expense over the life of the ten-year debt. For the three months ended March 31, 2010, \$1.3 million of the loss was reclassified from OCI to interest expense.

#### Commodity Risk Management

KCP&L's risk management policy is to use derivative instruments to mitigate its exposure to market price fluctuations on a portion of its projected natural gas purchases to meet generation requirements for retail and firm wholesale sales. At March 31, 2010, KCP&L has hedged 57% and 8%, respectively, of the 2010 and 2011 projected natural gas usage for retail load and firm MWh sales, primarily by utilizing futures contracts and financial instruments. The fair values of these instruments are recorded as derivative assets or liabilities with an offsetting entry to OCI for the effective portion of the hedge. To the extent the hedges are not effective, any ineffective portion of the change in fair market value would be recorded currently in fuel expense. KCP&L has not recorded any ineffectiveness on natural gas hedges for the three

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

months ended March 31, 2010 and 2009.

KCP&L uses derivative instruments to mitigate its exposure to market price fluctuations on a portion of the projected fuel oil purchases to meet the startup requirements for Iatan No. 2. At March 31, 2010, KCP&L has hedged 24% of the projected fuel oil purchases for the startup of Iatan No. 2 utilizing futures contracts. The fair values of these instruments are recorded as derivative assets or liabilities with an offsetting entry to OCI for the effective portion of the hedge. To the extent the hedges are not effective, any ineffective portion of the change in fair market value would be recorded as a cost of the construction of Iatan No. 2. KCP&L has not recorded any ineffectiveness on fuel oil hedges for the three months ended March 31, 2010 and 2009.

The notional and recorded fair values of KCP&L's open positions for derivative instruments are summarized in the following table. The fair values of these derivatives are recorded on the balance sheets. The fair values below are gross values before netting agreements and netting of cash collateral.

	March 31 2010		December 31 2009	
	Notional Contract Amount	Fair Value	Notional Contract Amount	Fair Value
	(millions)			
Future contracts				
Cash flow hedges	\$ 3.2	\$ (0.2)	\$ 3.2	\$ -
Option contracts				
Cash flow hedges	2.3	-	2.3	0.2

The fair values of KCP&L's open derivative positions are summarized in the following table. The table contains derivative instruments designated as hedging instruments under GAAP. KCP&L currently has no derivative instruments that are not designated as hedging instruments (non-hedging derivatives). The fair values below are gross values before netting agreements and netting of cash collateral.

	Balance Sheet Classification	Asset Derivatives Fair Value	Liability Derivatives Fair Value
<b>March 31, 2010</b>			
<b>Derivatives Designated as Hedging Instruments</b>		(millions)	
Commodity contracts	Derivative instruments	\$ 0.5	\$ 0.7
<b>December 31, 2009</b>			
<b>Derivatives Designated as Hedging Instruments</b>			
Commodity contracts	Derivative instruments	\$ 0.4	\$ 0.2

The following table summarizes the amount of gain (loss) recognized in OCI or earnings for interest rate and commodity hedges.

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

#### Derivatives in Cash Flow Hedging Relationship

	Amount of Gain (Loss) Recognized in OCI on Derivatives (Effective Portion)	Gain (Loss) Reclassified from Accumulated OCI into Income (Effective Portion)	
		Income Statement Classification	Amount
<b>Three Months Ended March 31, 2010</b>	(millions)		(millions)
Interest rate contracts	\$ -	Interest Charges	\$ (2.2)
Commodity contracts	(0.4)	Fuel	-
Income Taxes	0.2	Income Tax Expense	0.9
Total	\$ (0.2)	Total	\$ (1.3)
<b>Three Months Ended March 31, 2009</b>			
Interest rate contracts	\$ 1.0	Interest Charges	\$ (1.0)
Commodity contracts	(1.0)	Fuel	-
Income Taxes	-	Income Tax Expense	0.4
Total	\$ -	Total	\$ (0.6)

The amounts recorded in accumulated OCI related to the cash flow hedges are summarized in the following table.

	March 31 2010	December 31 2009
	(millions)	
Current assets	\$ 13.2	\$ 13.3
Current liabilities	(79.3)	(81.2)
Noncurrent liabilities	(0.1)	-
Deferred income taxes	25.8	26.4
Total	\$ (40.4)	\$ (41.5)

KCP&L's accumulated OCI includes \$9.3 million that is expected to be reclassified to expense over the next twelve months.

#### 14. FAIR VALUE MEASUREMENTS

GAAP defines fair value as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. GAAP establishes a fair value hierarchy, which prioritizes the inputs to valuation techniques used to measure fair value into three broad categories, giving the highest priority to quoted prices in active markets for identical assets or liabilities and lowest priority to unobservable inputs. A definition of the various levels, as well as discussion of the various measurements within the levels, is as follows:

Level 1 – Unadjusted quoted prices for identical assets or liabilities in active markets that KCP&L has access to at the measurement date. Assets categorized within this level consist of KCP&L's various exchange traded derivative instruments and equity and U.S. Treasury securities that are actively traded within KCP&L's decommissioning trust fund.

Level 2 – Market-based inputs for assets or liabilities that are observable (either directly or indirectly) or inputs that are

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

not observable but are corroborated by market data. Assets and liabilities categorized within this level consist of KCP&L's various non-exchange traded derivative instruments traded in over-the-counter markets and certain debt securities within KCP&L's decommissioning trust fund.

Level 3 – Unobservable inputs, reflecting KCP&L's own assumptions about the assumptions market participants would use in pricing the asset or liability. Assets categorized within this level consist of certain debt securities within KCP&L's decommissioning trust fund for which sufficiently observable market data is not available to corroborate the valuation inputs.

The following tables include KCP&L's balances of financial assets and liabilities measured at fair value on a recurring basis at March 31, 2010, and December 31, 2009.

Description	March 31 2010	Netting <sup>(c)</sup>	Fair Value Measurements Using		
			Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Assets			(millions)		
Derivative instruments <sup>(a)</sup>	\$ -	\$ (0.5)	\$ 0.3	\$ 0.2	\$ -
Nuclear decommissioning trust <sup>(b)</sup>					
Equity securities	76.8	-	76.8	-	-
Debt securities					
U.S. Treasury	10.9	-	10.9	-	-
U.S. Agency	3.5	-	-	3.5	-
State and local obligations	2.3	-	-	2.3	-
Corporate bonds	20.0	-	-	20.0	-
Foreign governments	0.7	-	-	0.7	-
Other	0.5	-	-	0.5	-
Total nuclear decommissioning trust	114.7	-	87.7	27.0	-
Total	114.7	(0.5)	88.0	27.2	-
Liabilities					
Derivative instruments <sup>(a)</sup>	-	(0.7)	0.4	0.3	-
Total	\$ -	\$ (0.7)	\$ 0.4	\$ 0.3	\$ -

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

Description	December 31 2009	Netting <sup>(c)</sup>	Fair Value Measurements Using		
			Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Assets			(millions)		
Derivative instruments <sup>(a)</sup>	\$ 0.2	\$ (0.2)	\$ 0.2	\$ 0.2	\$ -
Nuclear decommissioning trust <sup>(b)</sup>					
Equity securities	44.5	-	44.5	-	-
Debt securities					
U.S. Treasury	11.2	-	11.2	-	-
U.S. Agency	3.5	-	-	3.5	-
State and local obligations	3.1	-	-	2.9	0.2
Corporate bonds	18.9	-	-	18.9	-
Foreign governments	0.7	-	-	0.7	-
Other	1.2	-	-	1.2	-
Total nuclear decommissioning trust	83.1	-	55.7	27.2	0.2
Total	83.3	(0.2)	55.9	27.4	0.2
Liabilities					
Derivative instruments <sup>(a)</sup>	-	(0.2)	-	0.2	-
Total	\$ -	\$ (0.2)	\$ -	\$ 0.2	\$ -

- (a) The fair value of derivative instruments is estimated using market quotes, over-the-counter forward priced and volatility curves and correlations among fuel prices, net of estimated credit risk.
- (b) Fair value is based on quoted market prices of the investments held by the fund and/or valuation models. The total does not include \$3.1 million and \$29.4 million at March 31, 2010, and December 31, 2009, respectively, of cash and cash equivalents, which are not subject to the fair value requirements.
- (c) Represents the difference between derivative contracts in an asset or liability position presented on a net basis by counterparty on the balance sheet where a master netting agreement exists between the Company and the counterparty. At March 31, 2010, and December 31, 2009, KCP&L netted \$0.2 million of cash collateral posted with counterparties.

The following tables reconcile the beginning and ending balances for all level 3 assets and liabilities, net measured at fair value on a recurring basis for the three months ended March 31, 2010 and 2009.

Fair Value Measurements Using Significant Unobservable Inputs (Level 3)	
Description	State & Local Obligations
	(millions)
Balance January 1, 2010	\$ 0.2
Sales	(0.2)
Balance March 31, 2010	\$ -



Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

Fair Value Measurements Using Significant Unobservable Inputs (Level 3)	
Description	Nuclear Decommissioning Trust
	(millions)
Balance January 1, 2009	\$ 6.8
Total realized/unrealized gains or (losses)	
Included in regulatory liability	0.1
Transfers in and/or out of Level 3	(0.1)
Balance March 31, 2009	\$ 6.8

## 15. TAXES

Components of income tax expense (benefit) are detailed in the following table.

Three Months Ended March 31	2010	2009
Current income taxes	(millions)	
Federal	\$ 15.5	\$ (0.7)
State	3.1	(0.1)
Total	18.6	(0.8)
Deferred income taxes		
Federal	(14.3)	(8.7)
State	(1.7)	0.3
Total	(16.0)	(8.4)
Noncurrent income taxes		
Federal	0.5	(1.3)
State	0.1	(0.1)
Total	0.6	(1.4)
Investment tax credit		
Deferral	4.2	8.1
Amortization	(0.4)	(0.4)
Total	3.8	7.7
Total	\$ 7.0	\$ (2.9)

### Income Tax Expense (Benefit) and Effective Income Tax Rates

Income tax expense (benefit) and the effective income tax rates reflected in the financial statements and the reasons for their differences from the statutory federal rates are detailed in the following table.

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

Three Months Ended March 31	Income Tax Expense (Benefit)		Income Tax Rate	
	2010	2009	2010	2009
	(millions)			
Federal statutory income tax	\$ 8.8	\$ 1.7	35.0 %	35.0 %
Differences between book and tax depreciation not normalized	(2.1)	(2.3)	(8.3)	(47.2)
Amortization of investment tax credits	(0.4)	(0.4)	(1.4)	(7.3)
Federal income tax credits	(1.9)	(2.3)	(7.7)	(47.1)
State income taxes	0.6	(0.1)	2.5	(1.0)
Medicare Part D subsidy legislation	2.8	-	11.2	-
Changes in uncertain tax positions, net	-	0.1	-	0.9
Other	(0.8)	0.4	(3.7)	6.6
Total	\$ 7.0	\$ (2.9)	27.6 %	(60.1) %

### Advanced Coal Credit

In April 2008, KCP&L was notified that its application filed in 2007 for \$125.0 million in advanced coal investment tax credits (ITC) was approved by the IRS. The credit is based on the amount of expenses incurred on the construction of Iatan No. 2. Additionally, in order to meet the advanced clean coal standards and avoid forfeiture and/or the recapture of tax credits in the future, KCP&L must meet or exceed certain environmental performance standards for at least five years once the plant is placed in service.

KCP&L recognized deferred federal tax benefits of \$4.2 million and \$8.1 million for the three months ended March 31, 2010 and 2009, respectively. However, tax laws require KCP&L to reduce income tax expense for ratemaking and financial statement purposes ratably over the life of the plant. Therefore, KCP&L concurrently recognized a separate deferred advanced coal ITC expense to offset the current and deferred federal tax benefit. At March 31, 2010, and December 31, 2009, KCP&L had \$115.6 million and \$111.4 million, respectively, of deferred advanced coal ITC. KCP&L will recognize the tax benefits of the ITC over the life of the plant once it is placed in service. See Note 11 for a related legal proceeding.

### Uncertain Tax Positions

At March 31, 2010, and December 31, 2009, KCP&L had \$21.4 million and \$20.9 million, respectively, of liabilities related to unrecognized tax benefits. Of these amounts, \$0.4 million at March 31, 2010, and December 31, 2009, are expected to impact the effective tax rate if recognized.

The following table reflects activity for KCP&L related to the liability for unrecognized tax benefits.

	March 31 2010	December 31 2009
	(millions)	
Beginning balance	\$ 20.9	\$ 17.6
Additions for current year tax positions	0.9	3.9
Additions for prior year tax positions	-	3.0
Reductions for prior year tax positions	(0.4)	(0.8)
Settlements	-	(2.2)
Statute expirations	-	(0.6)
Ending balance	\$ 21.4	\$ 20.9

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

KCP&L recognizes interest accrued related to unrecognized tax benefits in interest expense and penalties related to unrecognized tax benefits in non-operating expenses. KCP&L had accrued interest related to unrecognized tax benefits of \$1.8 million and \$1.7 million at March 31, 2010, and December 31, 2009, respectively. Amounts accrued for penalties related to unrecognized tax benefits for KCP&L are insignificant.

The IRS is currently auditing Great Plains Energy and its subsidiaries for the 2005-2008 tax years. KCP&L estimates that it is reasonably possible that \$4.9 million of unrecognized tax benefits may be recognized in the next twelve months due to statute expirations or settlement agreements with tax authorities.





Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
FOOTNOTE DATA			

**Schedule Page: 122(a)(b) Line No.: 7 Column: e**

The recognition requirements of ASC 715 "Compensation-Retirement Benefits" resulted in recording unamortized transition costs, prior service costs and gains/losses for the pension and other post-retirement plans to accumulated other comprehensive income. In accordance with ASC 980 "Regulated Operations," these costs were transferred to a regulatory asset.

**Schedule Page: 122(a)(b) Line No.: 8 Column: e**

The recognition requirements of ASC 715 "Compensation-Retirement Benefits" resulted in recording unamortized transition costs, prior service costs and gains/losses for the pension and other post-retirement plans to accumulated other comprehensive income. In accordance with ASC 980 "Regulated Operations," these costs were transferred to a regulatory asset.

**Schedule Page: 122(a)(b) Line No.: 8 Column: g**

Natural gas cash flow hedges for production fuel. As of March 31, 2010, KCP&L has hedged 57% and 8% of its 2010 and 2011, respectively, projected natural gas usage for retail load and firm MWh sales.

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report End of 2010/Q1
SUMMARY OF UTILITY PLANT AND ACCUMULATED PROVISIONS FOR DEPRECIATION. AMORTIZATION AND DEPLETION					
Report in Column (c) the amount for electric function, in column (d) the amount for gas function, in column (e), (f), and (g) report other (specify) and in column (h) common function.					
Line No.	Classification (a)	Total Company for the Current Year/Quarter Ended (b)		Electric (c)	
1	Utility Plant				
2	In Service				
3	Plant in Service (Classified)	6,298,092,051		6,298,092,051	
4	Property Under Capital Leases	2,146,432		2,146,432	
5	Plant Purchased or Sold				
6	Completed Construction not Classified				
7	Experimental Plant Unclassified				
8	Total (3 thru 7)	6,300,238,483		6,300,238,483	
9	Leased to Others				
10	Held for Future Use	7,716,700		7,716,700	
11	Construction Work in Progress	1,194,105,368		1,194,105,368	
12	Acquisition Adjustments				
13	Total Utility Plant (8 thru 12)	7,502,060,551		7,502,060,551	
14	Accum Prov for Depr, Amort, & Depl	2,951,197,711		2,951,197,711	
15	Net Utility Plant (13 less 14)	4,550,862,840		4,550,862,840	
16	Detail of Accum Prov for Depr, Amort & Depl				
17	In Service:				
18	Depreciation	2,830,066,917		2,830,066,917	
19	Amort & Depl of Producing Nat Gas Land/Land Right				
20	Amort of Underground Storage Land/Land Rights				
21	Amort of Other Utility Plant	121,130,794		121,130,794	
22	Total In Service (18 thru 21)	2,951,197,711		2,951,197,711	
23	Leased to Others				
24	Depreciation				
25	Amortization and Depletion				
26	Total Leased to Others (24 & 25)				
27	Held for Future Use				
28	Depreciation				
29	Amortization				
30	Total Held for Future Use (28 & 29)				
31	Abandonment of Leases (Natural Gas)				
32	Amort of Plant Acquisition Adj				
33	Total Accum Prov (equals 14) (22,26,30,31,32)	2,951,197,711		2,951,197,711	

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report End of <u>2010/Q1</u>
SUMMARY OF UTILITY PLANT AND ACCUMULATED PROVISIONS FOR DEPRECIATION, AMORTIZATION AND DEPLETION					
Gas (d)	Other (Specify) (e)	Other (Specify) (f)	Other (Specify) (g)	Common (h)	Line No.
					1
					2
					3
					4
					5
					6
					7
					8
					9
					10
					11
					12
					13
					14
					15
					16
					17
					18
					19
					20
					21
					22
					23
					24
					25
					26
					27
					28
					29
					30
					31
					32
					33



--	--	--	--

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report End of 2010/Q1
---	---	--	---

**Transmission Service and Generation Interconnection Study Costs**

1. Report the particulars (details) called for concerning the costs incurred and the reimbursements received for performing transmission service and generator interconnection studies.
2. List each study separately.
3. In column (a) provide the name of the study.
4. In column (b) report the cost incurred to perform the study at the end of period.
5. In column (c) report the account charged with the cost of the study.
6. In column (d) report the amounts received for reimbursement of the study costs at end of period.
7. In column (e) report the account credited with the reimbursement received for performing the study.

Line No.	Description (a)	Costs Incurred During Period (b)	Account Charged (c)	Reimbursements Received During the Period (d)	Account Credited With Reimbursement (e)
1	<b>Transmission Studies</b>				
2	None				
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21	<b>Generation Studies</b>				
22	None				
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report End of 2010/Q1
---	---	--	---

**OTHER REGULATORY ASSETS (Account 182.3)**

1. Report below the particulars (details) called for concerning other regulatory assets, including rate order docket number, if applicable.  
2. Minor items (5% of the Balance in Account 182.3 at end of period, or amounts less than \$100,000 which ever is less), may be grouped by classes.  
3. For Regulatory Assets being amortized, show period of amortization.

Line No.	Description and Purpose of Other Regulatory Assets  (a)	Balance at Beginning of Current Quarter/Year (b)	Debits (c)	CREDITS		Balance at end of Current Quarter/Year (f)
				Written off During the Quarter/Year Account Charged (d)	Written off During the Period Amount (e)	
1	Missouri Case No. EU-2004-0294 and					
2	Kansas Docket No. 04-WSEE-605-ACT:					
3	Non-nuclear asset retirement obligations recorded					
4	in accordance with ASC410	23,785,772	932,408			24,718,180
5						
6						
7	Deferred Regulatory Asset-Recoverable Taxes:					
8	Gross up of tax related items to be recovered					
9	from future rate payers	201,426,288	3,455,990			204,882,278
10						
11						
12	Missouri Case Nos. ER-2006-0314, ER-2007-0291 and					
13	ER-2009-0089 and Kansas Docket Nos. 06-KCPE-828-RTS					
14	07-KCPE-905-RTS, 09-KCPE-246-RTS and					
15	07-ATMG-387-ACT:					
16	Pension costs deferred for future recovery	408,537,691	6,458,617	926, 107	14,516,647	400,479,661
17						
18						
19	Missouri Case No. EO-2005-0329:					
20	Represents the deferred costs for the energy					
21	efficiency and affordability programs as provided					
22	in the Missouri Public Service Commission order.					
23	Each vintage year will be amortized over 10 years.	22,521,096	1,133,916	908	417,044	23,237,968
24						
25						
26	Kansas Docket Nos. 04-KCPE-1025-GIE and					
27	07-KCPE-905-RTS:					
28	Represents the deferred costs for the energy					
29	efficiency and affordability programs as provided					
30	in the Kansas Corporation Commission orders.					
31	These costs will be recovered through an Energy					
32	Efficiency Rider to be filed by March 31 of each					
33	year to recover costs incurred during the previous					
34	calendar year. Costs are to be amortized over 1					
35	year starting each July.	12,829,938	1,065,907	908	1,598,278	12,297,567
36						
37						
38	Kansas Docket No. 06-KCPE-828-RTS:					
39	Deferred costs associated with the 2006 rate case					
40	preparation and presentation to the Kansas					
41	Corporation Commission to be amortized over 4 years					
42	beginning January 1, 2007	304,330		928	76,083	228,247
43						
44	TOTAL	722,643,301	16,478,153		17,772,463	721,348,991

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report End of 2010/Q1	
OTHER REGULATORY ASSETS (Account 182.3)						
1. Report below the particulars (details) called for concerning other regulatory assets, including rate order docket number, if applicable. 2. Minor items (5% of the Balance in Account 182.3 at end of period, or amounts less than \$100,000 which ever is less), may be grouped by classes. 3. For Regulatory Assets being amortized, show period of amortization.						
Line No.	Description and Purpose of Other Regulatory Assets  (a)	Balance at Beginning of Current Quarter/Year (b)	Debits (c)	CREDITS		Balance at end of Current Quarter/Year (f)
				Written off During the Quarter/Year Account Charged (d)	Written off During the Period Amount (e)	
1	Kansas Docket No. 07-KCPE-905-RTS:					
2	Deferred costs associated with the 2007 rate case					
3	preparation and presentation to the Kansas					
4	Corporation Commission to be amortized over 4 years					
5	beginning January 1, 2008	437,242		928	54,656	382,586
6						
7						
8	Missouri Case No. ER-2009-0089 and					
9	Kansas Docket No. 09-KCPE-246-RTS:					
10	Deferred costs associated with the 2008 rate case					
11	preparation and presentation to the Missouri					
12	Public Service Commission and Kansas Corporation					
13	Commission to be amortized over 2 years for					
14	Missouri beginning September 1, 2009 and 4 years					
15	for Kansas beginning August 1, 2009	2,944,885		928	275,393	2,669,492
16						
17						
18	Deferred costs associated with the 2010 rate case					
19	preparation and presentation to the Missouri					
20	Public Service Commission and Kansas Corporation					
21	Commission (Kansas Docket No. 10-KCPE-415-RTS)	3,677,565	377,178			4,054,743
22						
23						
24	Kansas Docket No. 06-KCPE-828-RTS:					
25	Deferred costs associated with the talent					
26	assessment to be amortized over 10 years					
27	beginning January 1, 2007	151,740		923	5,420	146,320
28						
29						
30	Missouri Case No. ER-2006-0314:					
31	Represents the Missouri jurisdictional non-labor					
32	expenses charged to the strategic initiative					
33	projects. These costs are being amortized over 5					
34	years beginning January 1, 2007	799,664		923	99,958	699,706
35						
36						
37	Missouri Case No. ER-2007-0291:					
38	Missouri jurisdictional expenses incurred relating					
39	to the research and development tax credit					
40	studies. These costs will be amortized over					
41	5 years beginning September 1, 2009	367,946		923	19,711	348,235
42						
43						
44	TOTAL	722,643,301	16,478,153		17,772,463	721,348,991

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report End of 2010/Q1
---	---	--	---

OTHER REGULATORY ASSETS (Account 182.3)

1. Report below the particulars (details) called for concerning other regulatory assets, including rate order docket number, if applicable.

2. Minor items (5% of the Balance in Account 182.3 at end of period, or amounts less than \$100,000 which ever is less), may be grouped by classes.

3. For Regulatory Assets being amortized, show period of amortization.

Line No.	Description and Purpose of Other Regulatory Assets  (a)	Balance at Beginning of Current Quarter/Year (b)	Debits (c)	CREDITS		Balance at end of Current Quarter/Year (f)
				Written off During the Quarter/Year Account Charged (d)	Written off During the Period Amount (e)	
1	Kansas Docket No. 07-KCPE-905-RTS:					
2	Kansas jurisdictional Talent Assessment					
3	costs to be amortized over 10 years					
4	beginning January 1, 2008	3,220,867		920	100,652	3,120,215
5						
6						
7	Kansas Docket No. 07-KCPE-905-RTS:					
8	Kansas jurisdictional Employment Augmentation					
9	Programs costs to be amortized over 10 years					
10	beginning January 1, 2008	211,346		923	6,604	204,742
11						
12						
13	Missouri Case No. ER-2007-0291:					
14	Missouri jurisdictional Talent Assessment					
15	costs to be amortized over 5 years					
16	beginning January 1, 2008	2,904,310		920	242,026	2,662,284
17						
18						
19	Kansas Docket No. 07-KCPE-905-RTS:					
20	Energy Cost Adjustment	673,961	150,294	various		824,255
21						
22						
23	Kansas Docket No. 07-BHCG-1063-ACQ:					
24	Kansas jurisdictional transition costs for Great					
25	Plains Energy's acquisition of Aquila	10,000,000				10,000,000
26						
27						
28	Missouri Case No. EM-2007-0374:					
29	Missouri jurisdictional transition costs for Great					
30	Plains Energy's acquisition of Aquila	19,251,486	129,341			19,380,827
31						
32						
33	Kansas Docket No. 09-KCPE-246-RTS:					
34	Kansas jurisdictional difference between allowed					
35	rate base and financial costs booked for Iatan I					
36	and Iatan Common	706,884	751,155			1,458,039
37						
38						
39	Missouri Case No. ER-2009-0089:					
40	Missouri jurisdictional difference between allowed					
41	rate base and financial costs booked for Iatan I					
42	and Iatan Common	3,941,185	1,984,278			5,925,463
43						
44	TOTAL	722,643,301	16,478,153		17,772,463	721,348,991

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report End of 2010/Q1
---	---	--	---

OTHER REGULATORY ASSETS (Account 182.3)

1. Report below the particulars (details) called for concerning other regulatory assets, including rate order docket number, if applicable.
2. Minor items (5% of the Balance in Account 182.3 at end of period, or amounts less than \$100,000 which ever is less), may be grouped by classes.
3. For Regulatory Assets being amortized, show period of amortization.

Line No.	Description and Purpose of Other Regulatory Assets  (a)	Balance at Beginning of Current Quarter/Year (b)	Debits (c)	CREDITS		Balance at end of Current Quarter/Year (f)
				Written off During the Quarter/Year Account Charged (d)	Written off During the Period Amount (e)	
1	Missouri Case No. ER-2009-0089:					
2	Deferred refueling costs at Wolf Creek Nuclear					
3	Operating Corporation to be amortized over 5 years					
4	beginning September 1, 2009	1,465,876		524, 530	78,529	1,387,347
5						
6						
7	Missouri Case No. ER-2009-0089:					
8	Missouri jurisdictional deferred 2007 DSM					
9	advertising costs to be amortized over 10 years					
10	beginning September 1, 2009	270,203		909	6,987	263,216
11						
12						
13	Missouri Case No. ER-2009-0089:					
14	Deferred 50% cost of the Economic Relief Pilot					
15	Program until the next general rate case, with					
16	cost recovery determined at that time	17,210	39,069			56,279
17						
18						
19	Other/ Minor Regulatory Asset Items	2,195,816		921, 524	274,475	1,921,341
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44	TOTAL	722,643,301	16,478,153		17,772,463	721,348,991

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report End of 2010/Q1	
OTHER REGULATORY LIABILITIES (Account 254)						
1. Report below the particulars (details) called for concerning other regulatory liabilities, including rate order docket number, if applicable.						
2. Minor items (5% of the Balance in Account 254 at end of period, or amounts less than \$100,000 which ever is less), may be grouped by classes.						
3. For Regulatory Liabilities being amortized, show period of amortization.						
Line No.	Description and Purpose of Other Regulatory Liabilities (a)	Balance at Beginning of Current Quarter/Year (b)	DEBITS		Credits (e)	Balance at End of Current Quarter/Year (f)
			Account Credited (c)	Amount (d)		
1	Emission Allowance Transactions per					
2	Missouri Order EO-2008-0329 and					
3	Kansas Order 04-KCPE-1025-GIE	86,219,173	501	137,673	28,314	86,109,814
4						
5	Deferred Regulatory Liability-ASC 740	123,833,415		13,100,780	1,985,718	112,718,353
6						
7	Asset Retirement Obligation related					
8	to the decommissioning trust per					
9	FERC Order 631, MO Case No. EU-2004-0294					
10	and KS Docket No. 04-WSEE-605-ACT	33,439,494	230,524,456		3,999,924	37,439,418
11						
12	DOE Refund of Enrichment Overcharges					
13	per KS Docket No. 04-KCPE-905-RTS	60,435	518	15,109		45,326
14						
15	R&D Credit Claims in accordance with					
16	MO Case No. ER-2007-0291, to be amortized					
17	over 5 years beginning September 2009.	905,850	411	48,527		857,323
18						
19	Excess Missouri Wholesale Gross Margin					
20	in accordance with MO Case No. ER-2007-0291					
21	to be amortized over 10 years beginning September					
22	2009.	3,508,466	Various	102,244	4,820	3,411,042
23						
24	Excess STB Settlement in accordance with					
25	MO Case No. ER-2006-0314 and					
26	KS Docket No. 06-KCPE-828-RTS, to be					
27	amortized over 10 years in MO beginning September					
28	2009 and over 2 years in KS beginning August					
29	2009.	1,484,924	501	104,585		1,380,339
30						
31	Energy Cost Adjustment					
32	KS Docket No. 07-KCPE-905-RTS	1,269,519		310,687		958,832
33						
34						
35						
36						
37						
38						
39						
40						
41	TOTAL	250,721,276		13,819,605	6,018,776	242,920,447

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
FOOTNOTE DATA			

**Schedule Page: 278 Line No.: 5 Column: a**

Excess taxes due to change in tax rates	\$23.3 Million
Investment tax credits	\$15.2 Million
R&D Credits	\$ 0.5 Million
Advance Coal Credits	\$73.7 Million
Total	\$112.7 Million



Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report End of 2010/Q1
---	---	--	---

**ELECTRIC OPERATING REVENUES (Account 400)**

- The following instructions generally apply to the annual version of these pages. Do not report quarterly data in columns (c), (e), (f), and (g). Unbilled revenues and MWH related to unbilled revenues need not be reported separately as required in the annual version of these pages.
- Report below operating revenues for each prescribed account, and manufactured gas revenues in total.
- Report number of customers, columns (f) and (g), on the basis of meters, in addition to the number of flat rate accounts; except that where separate meter readings are added for billing purposes, one customer should be counted for each group of meters added. The -average number of customers means the average of twelve figures at the close of each month.
- If increases or decreases from previous period (columns (c),(e), and (g)), are not derived from previously reported figures, explain any inconsistencies in a footnote.
- Disclose amounts of \$250,000 or greater in a footnote for accounts 451, 456, and 457.2.

Line No.	Title of Account (a)	Operating Revenues Year to Date Quarterly/Annual (b)	Operating Revenues Previous year (no Quarterly) (c)
1	Sales of Electricity		
2	(440) Residential Sales	122,765,942	
3	(442) Commercial and Industrial Sales		
4	Small (or Comm.) (See Instr. 4)	134,782,609	
5	Large (or Ind.) (See Instr. 4)	26,331,407	
6	(444) Public Street and Highway Lighting	2,986,557	
7	(445) Other Sales to Public Authorities		
8	(446) Sales to Railroads and Railways		
9	(448) Interdepartmental Sales		
10	TOTAL Sales to Ultimate Consumers	286,866,515	
11	(447) Sales for Resale	43,843,441	
12	TOTAL Sales of Electricity	330,709,956	
13	(Less) (449.1) Provision for Rate Refunds		
14	TOTAL Revenues Net of Prov. for Refunds	330,709,956	
15	Other Operating Revenues		
16	(450) Forfeited Discounts	748,834	
17	(451) Miscellaneous Service Revenues	129,370	
18	(453) Sales of Water and Water Power		
19	(454) Rent from Electric Property	1,370,317	
20	(455) Interdepartmental Rents		
21	(456) Other Electric Revenues	150,368	
22	(456.1) Revenues from Transmission of Electricity of Others	2,512,084	
23	(457.1) Regional Control Service Revenues		
24	(457.2) Miscellaneous Revenues		
25			
26	TOTAL Other Operating Revenues	4,910,973	
27	TOTAL Electric Operating Revenues	335,620,929	

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report End of 2010/Q1
ELECTRIC OPERATING REVENUES (Account 400)					
<p>6. Commercial and industrial Sales, Account 442, may be classified according to the basis of classification (Small or Commercial, and Large or Industrial) regularly used by the respondent if such basis of classification is not generally greater than 1000 Kw of demand. (See Account 442 of the Uniform System of Accounts. Explain basis of classification in a footnote.)</p> <p>7. See pages 108-109, Important Changes During Period, for important new territory added and important rate increase or decreases.</p> <p>8. For Lines 2,4,5,and 6, see Page 304 for amounts relating to unbilled revenue by accounts.</p> <p>9. Include unmetered sales. Provide details of such Sales in a footnote.</p>					
MEGAWATT HOURS SOLD		AVG.NO. CUSTOMERS PER MONTH			Line
Year to Date Quarterly/Annual (d)	Amount Previous year (no Quarterly) (e)	Current Year (no Quarterly) (f)	Previous Year (no Quarterly) (g)	No.	
					1
1,461,362,656					2
					3
1,859,218,249					4
447,945,507					5
22,462,178					6
					7
					8
					9
3,790,988,590					10
1,177,712,315					11
4,968,700,905					12
					13
4,968,700,905					14
<p>Line 12, column (b) includes \$ 0 of unbilled revenues.</p> <p>Line 12, column (d) includes 0 MWH relating to unbilled revenues</p>					

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
FOOTNOTE DATA			

**Schedule Page: 300 Line No.: 17 Column: b**

Line 17 (451) Miscellaneous Service Revenues: Reconnect Charges \$57,605, Temporary Install Profit \$56,260, Replace Damaged Meter Charges \$7,645, OK on Arrival Fees \$7,070, Disconnect Service Charges \$592, Collection Services \$190, Miscellaneous \$8

**Schedule Page: 300 Line No.: 21 Column: b**

Line 21 (456) Other Electric Revenues: Use and Sales Tax \$87,281, Return Check Service Charges \$60,060, Facility Charges \$3,027

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report End of <u>2010/Q1</u>
---	---	--	--

REGIONAL TRANSMISSION SERVICE REVENUES (Account 457.1)
--

1. The respondent shall report below the revenue collected for each service (i.e., control area administration, market administration, etc.) performed pursuant to a Commission approved tariff. All amounts separately billed must be detailed below.

Line No.	Description of Service (a)	Balance at End of Quarter 1 (b)	Balance at End of Quarter 2 (c)	Balance at End of Quarter 3 (d)	Balance at End of Year (e)
1	NA				
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46	TOTAL				

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report End of 2010/Q1
ELECTRIC PRODUCTION, OTHER POWER SUPPLY EXPENSES, TRANSMISSION AND DISTRIBUTION EXPENSES					
Report Electric production, other power supply expenses, transmission, regional control and market operation, and distribution expenses through the reporting period.					
Line No.	Account (a)	Year to Date Quarter (b)			
1	1. POWER PRODUCTION AND OTHER SUPPLY EXPENSES				
2	Steam Power Generation - Operation (500-509)	62,866,707			
3	Steam Power Generation - Maintenance (510-515)	18,104,355			
4	Total Power Production Expenses - Steam Power	80,971,062			
5	Nuclear Power Generation - Operation (517-525)	18,127,538			
6	Nuclear Power Generation - Maintenance (528-532)	5,483,832			
7	Total Power Production Expenses - Nuclear Power	23,611,370			
8	Hydraulic Power Generation - Operation (535-540.1)				
9	Hydraulic Power Generation - Maintenance (541-545.1)				
10	Total Power Production Expenses - Hydraulic Power				
11	Other Power Generation - Operation (546-550.1)	2,711,977			
12	Other Power Generation - Maintenance (551-554.1)	281,395			
13	Total Power Production Expenses - Other Power	2,993,372			
14	Other Power Supply Expenses				
15	Purchased Power (555)	27,253,068			
16	System Control and Load Dispatching (556)	608,864			
17	Other Expenses (557)	1,641,008			
18	Total Other Power Supply Expenses (line 15-17)	29,502,940			
19	Total Power Production Expenses (Total of lines 4, 7, 10, 13 and 18)	137,078,744			
20	2. TRANSMISSION EXPENSES				
21	Transmission Operation Expenses				
22	(560) Operation Supervision and Engineering	456,496			
23	(561) Load Dispatching	6,643			
24	(561.1) Load Dispatch-Reliability				
25	(561.2) Load Dispatch-Monitor and Operate Transmission System	110,760			
26	(561.3) Load Dispatch-Transmission Service and Scheduling	145,877			
27	(561.4) Scheduling, System Control and Dispatch Services	796,100			
28	(561.5) Reliability, Planning and Standards Development				
29	(561.6) Transmission Service Studies	15,421			
30	(561.7) Generation Interconnection Studies				
31	(561.8) Reliability, Planning and Standards Development Services	108,071			
32	(562) Station Expenses	48,481			
33	(563) Overhead Line Expenses	86,858			
34	(564) Underground Line Expenses	910			
35	(565) Transmission of Electricity by Others	2,877,988			
36	(566) Miscellaneous Transmission Expenses	450,679			
37	(567) Rents	557,062			
38	(567.1) Operation Supplies and Expenses (Non-Major)				

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report End of 2010/Q1
ELECTRIC PRODUCTION, OTHER POWER SUPPLY EXPENSES, TRANSMISSION AND DISTRIBUTION EXPENSES					
Report Electric production, other power supply expenses, transmission, regional control and market operation, and distribution expenses through the reporting period.					
Line No.	Account (a)	Year to Date Quarter (b)			
39	TOTAL Transmission Operation Expenses (Lines 22 - 38)	5,661,346			
40	Transmission Maintenance Expenses				
41	(568) Maintenance Supervision and Engineering	75			
42	(569) Maintenance of Structures	3,127			
43	(569.1) Maintenance of Computer Hardware				
44	(569.2) Maintenance of Computer Software				
45	(569.3) Maintenance of Communication Equipment				
46	(569.4) Maintenance of Miscellaneous Regional Transmission Plant				
47	(570) Maintenance of Station Equipment	133,235			
48	(571) Maintenance Overhead Lines	310,311			
49	(572) Maintenance of Underground Lines	10,287			
50	(573) Maintenance of Miscellaneous Transmission Plant				
51	(574) Maintenance of Transmission Plant				
52	TOTAL Transmission Maintenance Expenses (Lines 41 - 51)	457,035			
53	Total Transmission Expenses (Lines 39 and 52)	6,118,381			
54	3. REGIONAL MARKET EXPENSES				
55	Regional Market Operation Expenses				
56	(575.1) Operation Supervision				
57	(575.2) Day-Ahead and Real-Time Market Facilitation				
58	(575.3) Transmission Rights Market Facilitation				
59	(575.4) Capacity Market Facilitation				
60	(575.5) Ancillary Services Market Facilitation				
61	(575.6) Market Monitoring and Compliance				
62	(575.7) Market Facilitation, Monitoring and Compliance Services	610,171			
63	Regional Market Operation Expenses (Lines 55 - 62)	610,171			
64	Regional Market Maintenance Expenses				
65	(576.1) Maintenance of Structures and Improvements				
66	(576.2) Maintenance of Computer Hardware				
67	(576.3) Maintenance of Computer Software				
68	(576.4) Maintenance of Communication Equipment				
69	(576.5) Maintenance of Miscellaneous Market Operation Plant				
70	Regional Market Maintenance Expenses (Lines 65-69)				
71	TOTAL Regional Control and Market Operation Expenses (Lines 63,70)	610,171			
72	4. DISTRIBUTION EXPENSES				
73	Distribution Operation Expenses (580-589)	6,340,381			
74	Distribution Maintenance Expenses (590-598)	6,415,960			
75	Total Distribution Expenses (Lines 73 and 74)	12,756,341			

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report End of 2010/Q1
ELECTRIC CUSTOMER ACCOUNTS, SERVICE, SALES, ADMINISTRATIVE AND GENERAL EXPENSES					
Report the amount of expenses for customer accounts, service, sales, and administrative and general expenses year to date.					
Line No.	Account (a)	Year to Date Quarter (b)			
1	(901-905) Customer Accounts Expenses	4,678,416			
2	(907-910) Customer Service and Information Expenses	2,670,363			
3	(911-917) Sales Expenses	201,450			
4	8. ADMINISTRATIVE AND GENERAL EXPENSES				
5	Operations				
6	920 Administrative and General Salaries	10,764,476			
7	921 Office Supplies and Expenses	126,854			
8	(Less) 922 Administrative Expenses Transferred-Credit	2,169,662			
9	923 Outside Services Employed	1,793,471			
10	924 Property Insurance	790,431			
11	925 Injuries and Damages	3,463,891			
12	926 Employee Pensions and Benefits	14,484,613			
13	927 Franchise Requirements				
14	928 Regulatory Commission Expenses	1,660,405			
15	(Less) 929 Duplicate Charges-Credit	18,388			
16	930.1General Advertising Expenses	40,538			
17	930.2Miscellaneous General Expenses	1,881,624			
18	931 Rents	1,482,283			
19	TOTAL Operation (Total of lines 6 thru 18)	34,300,536			
20	Maintenance				
21	935 Maintenance of General Plant	783,547			
22	TOTAL Administrative and General Expenses (Total of lines 19 and 21)	35,084,083			

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report End of 2010/Q1
---	---	--	---

**TRANSMISSION OF ELECTRICITY FOR OTHERS (Account 456.1)**  
(Including transactions referred to as 'wheeling')

1. Report all transmission of electricity, i.e., wheeling, provided for other electric utilities, cooperatives, other public authorities, qualifying facilities, non-traditional utility suppliers and ultimate customers for the quarter.

2. Use a separate line of data for each distinct type of transmission service involving the entities listed in column (a), (b) and (c).

3. Report in column (a) the company or public authority that paid for the transmission service. Report in column (b) the company or public authority that the energy was received from and in column (c) the company or public authority that the energy was delivered to. Provide the full name of each company or public authority. Do not abbreviate or truncate name or use acronyms. Explain in a footnote any ownership interest in or affiliation the respondent has with the entities listed in columns (a), (b) or (c)

4. In column (d) enter a Statistical Classification code based on the original contractual terms and conditions of the service as follows: FNO - Firm Network Service for Others, FNS - Firm Network Transmission Service for Self, LFP - "Long-Term Firm Point to Point Transmission Service, OLF - Other Long-Term Firm Transmission Service, SFP - Short-Term Firm Point to Point Transmission Reservation, NF - non-firm transmission service, OS - Other Transmission Service and AD - Out-of-Period Adjustments. Use this code for any accounting adjustments or "true-ups" for service provided in prior reporting periods. Provide an explanation in a footnote for each adjustment. See General Instruction for definitions of codes.

Line No.	Payment By (Company of Public Authority) (Footnote Affiliation) (a)	Energy Received From (Company of Public Authority) (Footnote Affiliation) (b)	Energy Delivered To (Company of Public Authority) (Footnote Affiliation) (c)	Statistical Classification (d)
1	Associated Electric	Kansas City Power & Light	Associated Electric	LFP
2	KCP&L GMOC- MOPUB	Kansas City Power & Light	KCP&L GMOC-MOPUB	OS
3	Ameren	Kansas City Power & Light	Ameren	LFP
4	Westar Energy	Kansas City Power & Light	Westar Energy	LFP
5	Board of Public Utilities	Kansas City Power & Light	Board of Public Utilities	LFP
6	Southwest Power Pool	Kansas City Power & Light	SPP	OS
7	City of Slater	Kansas City Power & Light	City of Slater	FNO
8	City of Prescott	Kansas City Power & Light	City of Prescott	FNO
9	City of Pomona	Kansas City Power & Light	City of Pomona	FNO
10	KEPCO	Kansas City Power & Light	KEPCO	FNO
11	KCP&L GMOC-MOPUB (Bates)	Kansas City Power & Light	KCP&L GMOC-MOPUB	FNO
12	Southwest Power Pool	Kansas City Power & Light	SPP	AD
13	City of Slater	Kansas City Power & Light	City of Slater	AD
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
	<b>TOTAL</b>			



TRANSMISSION OF ELECTRICITY FOR OTHERS (Account 456)(Continued)  
(Including transactions referred to as 'wheeling')

5. In column (e), identify the FERC Rate Schedule or Tariff Number, On separate lines, list all FERC rate schedules or contract designations under which service, as identified in column (d), is provided.

6. Report receipt and delivery locations for all single contract path, "point to point" transmission service. In column (f), report the designation for the substation, or other appropriate identification for where energy was received as specified in the contract. In column (g) report the designation for the substation, or other appropriate identification for where energy was delivered as specified in the contract.

7. Report in column (h) the number of megawatts of billing demand that is specified in the firm transmission service contract. Demand reported in column (h) must be in megawatts. Footnote any demand not stated on a megawatts basis and explain.

8. Report in column (i) and (j) the total megawatthours received and delivered.

FERC Rate Schedule of Tariff Number (e)	Point of Receipt (Substation or Other Designation) (f)	Point of Delivery (Substation or Other Designation) (g)	Billing Demand (MW) (h)	TRANSFER OF ENERGY		Line No.
				MegaWatt Hours Received (i)	MegaWatt Hours Delivered (j)	
89	Assoc Elect Interc	Dover, Higginsville	3	2,091	2,091	1
58	MPS Interconnects	Multiple				2
104	Ameren	Columbia, Mauer Lake	86	87,412	87,412	3
55	Westar Energy	Kaw Valley Hydro	1	958	958	4
54	BPU	BPU-Hydro	39	38,045	38,045	5
SPP Tariff	Multiple	Multiple				6
128	City of Slater	Norton Sub				7
127	City of Prescott	Centerville Sub				8
126	City of Pomona	South Ottawa Sub				9
130	KEPCO	Multiple				10
129	MPS Interconnects	MPS-Bates				11
SPP Tariff	Multiple	Multiple				12
128	City of Slater	Norton Sub				13
						14
						15
						16
						17
						18
						19
						20
						21
						22
						23
						24
						25
						26
						27
						28
						29
						30
						31
						32
						33
						34
			129	128,506	128,506	

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report End of 2010/Q1
---	---	--	---

**TRANSMISSION OF ELECTRICITY FOR OTHERS (Account 456) (Continued)**  
(Including transactions referred to as 'wheeling')

9. In column (k) through (n), report the revenue amounts as shown on bills or vouchers. In column (k), provide revenues from demand charges related to the billing demand reported in column (h). In column (l), provide revenues from energy charges related to the amount of energy transferred. In column (m), provide the total revenues from all other charges on bills or vouchers rendered, including out of period adjustments. Explain in a footnote all components of the amount shown in column (m). Report in column (n) the total charge shown on bills rendered to the entity Listed in column (a). If no monetary settlement was made, enter zero (11011) in column (n). Provide a footnote explaining the nature of the non-monetary settlement, including the amount and type of energy or service rendered.

10. The total amounts in columns (i) and (j) must be reported as Transmission Received and Transmission Delivered for annual report purposes only on Page 401, Lines 16 and 17, respectively.

11. Footnote entries and provide explanations following all required data.

**REVENUE FROM TRANSMISSION OF ELECTRICITY FOR OTHERS**

Demand Charges (\$) (k)	Energy Charges (\$) (l)	(Other Charges) (\$) (m)	Total Revenues (\$) (k+l+m) (n)	Line No.
11,070			11,070	1
		50,766	50,766	2
263,160			263,160	3
3,205			3,205	4
118,116			118,116	5
		1,985,470	1,985,470	6
		14,106	14,106	7
		1,568	1,568	8
		6,126	6,126	9
		53,622	53,622	10
		3,832	3,832	11
				12
		1,043	1,043	13
				14
				15
				16
				17
				18
				19
				20
				21
				22
				23
				24
				25
				26
				27
				28
				29
				30
				31
				32
				33
				34
395,551	0	2,116,533	2,512,084	

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report End of 2010/Q1
---	---	--	---

TRANSMISSION OF ELECTRICITY BY ISO/RTOs

- Report in Column (a) the Transmission Owner receiving revenue for the transmission of electricity by the ISO/RTO.
- Use a separate line of data for each distinct type of transmission service involving the entities listed in Column (a).
- In Column (b) enter a Statistical Classification code based on the original contractual terms and conditions of the service as follows: FNO – Firm Network Service for Others, FNS – Firm Network Transmission Service for Self, LFP – Long-Term Firm Point-to-Point Transmission Service, OLF – Other Long-Term Firm Transmission Service, SFP – Short-Term Firm Point-to-Point Transmission Reservation, NF – Non-Firm Transmission Service, OS – Other Transmission Service and AD- Out-of-Period Adjustments. Use this code for any accounting adjustments or “true-ups” for service provided in prior reporting periods. Provide an explanation in a footnote for each adjustment. See General Instruction for definitions of codes.
- In column (c) identify the FERC Rate Schedule or tariff Number, on separate lines, list all FERC rate schedules or contract designations under which service, as identified in column (b) was provided.
- In column (d) report the revenue amounts as shown on bills or vouchers.
- Report in column (e) the total revenues distributed to the entity listed in column (a).

Line No.	Payment Received by (Transmission Owner Name) (a)	Statistical Classification (b)	FERC Rate Schedule or Tariff Number (c)	Total Revenue by Rate Schedule or Tariff (d)	Total Revenue (e)
1	NA				
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40	TOTAL				

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report End of 2010/Q1
---	---	--	---

TRANSMISSION OF ELECTRICITY BY OTHERS (Account 565)

(Including transactions referred to as "wheeling")

- Report all transmission, i.e. wheeling or electricity provided by other electric utilities, cooperatives, municipalities, other public authorities, qualifying facilities, and others for the quarter.
- In column (a) report each company or public authority that provided transmission service. Provide the full name of the company, abbreviate if necessary, but do not truncate name or use acronyms. Explain in a footnote any ownership interest in or affiliation with the transmission service provider. Use additional columns as necessary to report all companies or public authorities that provided transmission service for the quarter reported.
- In column (b) enter a Statistical Classification code based on the original contractual terms and conditions of the service as follows: FNS - Firm Network Transmission Service for Self, LFP - Long-Term Firm Point-to-Point Transmission Reservations. OLF - Other Long-Term Firm Transmission Service, SFP - Short-Term Firm Point-to- Point Transmission Reservations, NF - Non-Firm Transmission Service, and OS - Other Transmission Service. See General Instructions for definitions of statistical classifications.
- Report in column (c) and (d) the total megawatt hours received and delivered by the provider of the transmission service.
- Report in column (e), (f) and (g) expenses as shown on bills or vouchers rendered to the respondent. In column (e) report the demand charges and in column (f) energy charges related to the amount of energy transferred. On column (g) report the total of all other charges on bills or vouchers rendered to the respondent, including any out of period adjustments. Explain in a footnote all components of the amount shown in column (g). Report in column (h) the total charge shown on bills rendered to the respondent. If no monetary settlement was made, enter zero in column (h). Provide a footnote explaining the nature of the non-monetary settlement, including the amount and type of energy or service rendered.
- Enter "TOTAL" in column (a) as the last line.
- Footnote entries and provide explanations following all required data.

Line No.	Name of Company or Public Authority (Footnote Affiliations) (a)	Statistical Classification (b)	TRANSFER OF ENERGY		EXPENSES FOR TRANSMISSION OF ELECTRICITY BY OTHERS			
			Megawatt-hours Received (c)	Megawatt-hours Delivered (d)	Demand Charges (\$) (e)	Energy Charges (\$) (f)	Other Charges (\$) (g)	Total Cost of Transmission (\$) (h)
1	Independence Pwr&Light	OS					35,945	35,945
2	KCP&L GMO	OS					17,089	17,089
3	Entergy Electric System	NF			7,242			7,242
4	Midwest Indep Syst Oper	NF			150,289			150,289
5	PJM Interconnection LLC	NF			-51			-51
6	Southwest Power Pool	LFP			2,258,010			2,258,010
7	Southwest Power Pool	SFP			295,377			295,377
8	Southwest Power Pool	NF			62,004			62,004
9	Southwestern Public Svc	LFP					52,083	52,083
10								
11								
12								
13								
14								
15								
16								
	TOTAL				2,772,871		105,117	2,877,988

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report 2010/Q1
Kansas City Power & Light Company			
FOOTNOTE DATA			

**Schedule Page: 332 Line No.: 1 Column: a**

Facility Use Charge billed to KCP&L from Independence is for capacity on Independence's 161 KV transmission line from KCP&L's Blue Mills substation.

**Schedule Page: 332 Line No.: 2 Column: a**

Emergency and Firm Transmission Service delivered to KCP&L is for transmission capacity needed from KCP&L GMO so that KCP&L can carry its load. There is no actual scheduling of energy as with a usual type of transmission service. Energy purchases are handled through purchase power account 555.

[illegible]

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report End of 2010/Q1
---	---	--	---

**AMOUNTS INCLUDED IN ISO/RTO SETTLEMENT STATEMENTS**

1. The respondent shall report below the details called for concerning amounts it recorded in Account 555, Purchase Power, and Account 447, Sales for Resale, for items shown on ISO/RTO Settlement Statements. Transactions should be separately netted for each ISO/RTO administered energy market for purposes of determining whether an entity is a net seller or purchaser in a given hour. Net megawatt hours are to be used as the basis for determining whether a net purchase or sale has occurred. In each monthly reporting period, the hourly sale and purchase net amounts are to be aggregated and separately reported in Account 447, Sales for Resale, or Account 555, Purchased Power, respectively.

Line No.	Description of Item(s) (a)	Balance at End of Quarter 1 (b)	Balance at End of Quarter 2 (c)	Balance at End of Quarter 3 (d)	Balance at End of Year (e)
1	Energy				
2	Net Purchases (Account 555)	1,365,765			
3	Net Sales (Account 447)	( 8,962,487)			
4	Transmission Rights				
5	Ancillary Services	63,175			
6	Other Items (list separately)				
7	Other RTO Charges (net)	306,970			
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46	TOTAL	( 7,226,577)			

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report End of 2010/Q1
---	---	--	---

**MONTHLY PEAKS AND OUTPUT**

(1) (1) Report the monthly peak load and energy output. If the respondent has two or more power systems which are not physically integrated, furnish the required information for each non- integrated system. In quarter 1 report January, February, and March only. In quarter 2 report April, May, and June only. In quarter 3 report July, August, and September only.

(2) Report on column (b) by month the system's output in Megawatt hours for each month.

(3) Report on column (c) by month the non-requirements sales for resale. Include in the monthly amounts any energy losses associated with the sales.

(4) Report on column (d) by month the system's monthly maximum megawatt load (60 minute integration) associated with the system.

(5) Report on columns (e) and (f) the specified information for each monthly peak load reported on column (d).

(6) Report Monthly Peak Hours in military time; 0100 for 1:00 AM, 1200 for 12 AM, and 1830 for 6:30 PM, etc.

NAME OF SYSTEM:

Line No.	Month (a)	Total Monthly Energy (MWH) (b)	Monthly Non-Requirements Sales for Resale & Associated Losses (c)	MONTHLY PEAK		
				Megawatts (See Instr. 4) (d)	Day of Month (e)	Hour (f)
1	January	2,043,340	531,866	2,812	7	1900
2	February	1,615,770	308,253	2,445	9	800
3	March	1,543,690	306,344	2,113	1	1900
4	Total	5,202,800	1,146,463	7,370		
5	April				0	0
6	May				0	0
7	June				0	0
8	Total					
9	July				0	0
10	August				0	0
11	September				0	0
12	Total					



Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 06/01/2010	Year/Period of Report End of <u>2010/Q1</u>
---	---	--	--

**MONTHLY TRANSMISSION SYSTEM PEAK LOAD**

(1) Report the monthly peak load on the respondent's transmission system. If the respondent has two or more power systems which are not physically integrated, furnish the required information for each non-integrated system.

(2) Report on Column (b) by month the transmission system's peak load.

(3) Report on Columns (c ) and (d) the specified information for each monthly transmission - system peak load reported on Column (b).

(4) Report on Columns (e) through (j) by month the system' monthly maximum megawatt load by statistical classifications. See General Instruction for the definition of each statistical classification.

NAME OF SYSTEM: Kansas City Power & Light Company

Line No.	Month (a)	Monthly Peak MW - Total (b)	Day of Monthly Peak (c)	Hour of Monthly Peak (d)	Firm Network Service for Self (e)	Firm Network Service for Others (f)	Long-Term Firm Point-to-point Reservations (g)	Other Long-Term Firm Service (h)	Short-Term Firm Point-to-point Reservation (i)	Other Service (j)
1	January	3,015	7	1900	2,812	72		131		
2	February	2,635	9	800	2,445	59		131		
3	March	2,299	1	1900	2,113	54		132		
4	Total for Quarter 1	7,949			7,370	185		394		
5	April									
6	May									
7	June									
8	Total for Quarter 2									
9	July									
10	August									
11	September									
12	Total for Quarter 3									
13	October									
14	November									
15	December									
16	Total for Quarter 4									
17	Total Year to Date/Year	7,949			7,370	185		394		

Name of Respondent Kansas City Power & Light Company				This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 06/01/2010		Year/Period of Report End of 2010/Q1		
MONTHLY ISO/RTO TRANSMISSION SYSTEM PEAK LOAD										
<p>(1) Report the monthly peak load on the respondent's transmission system. If the Respondent has two or more power systems which are not physically integrated, furnish the required information for each non-integrated system.</p> <p>(2) Report on Column (b) by month the transmission system's peak load.</p> <p>(3) Report on Column (c) and (d) the specified information for each monthly transmission - system peak load reported on Column (b).</p> <p>(4) Report on Columns (e) through (i) by month the system's transmission usage by classification. Amounts reported as Through and Out Service in Column (g) are to be excluded from those amounts reported in Columns (e) and (f).</p> <p>(5) Amounts reported in Column (j) for Total Usage is the sum of Columns (h) and (i).</p>										
NAME OF SYSTEM:										
Line No.	Month	Monthly Peak MW - Total	Day of Monthly Peak	Hour of Monthly Peak	Imports into ISO/RTO	Exports from ISO/RTO	Through and Out Service	Network Service Usage	Point-to-Point Service Usage	Total Usage
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1	January									
2	February									
3	March									
4	Total for Quarter 1									
5	April									
6	May									
7	June									
8	Total for Quarter 2									
9	July									
10	August									
11	September									
12	Total for Quarter 3									
13	October									
14	November									
15	December									
16	Total for Quarter 4									
17	Total Year to Date/Year									

SchedulePage No.

Accrued and prepaid taxes .....	262-263
Accumulated Deferred Income Taxes .....	234
	272-277
Accumulated provisions for depreciation of	
common utility plant .....	356
utility plant .....	219
utility plant (summary) .....	200-201
Advances	
from associated companies .....	256-257
Allowances .....	228-229
Amortization	
miscellaneous .....	340
of nuclear fuel .....	202-203
Appropriations of Retained Earnings .....	118-119
Associated Companies	
advances from .....	256-257
corporations controlled by respondent .....	103
control over respondent .....	102
interest on debt to .....	256-257
Attestation .....	i
Balance sheet	
comparative .....	110-113
notes to .....	122-123
Bonds .....	256-257
Capital Stock .....	251
expense .....	254
premiums .....	252
reacquired .....	251
subscribed .....	252
Cash flows, statement of .....	120-121
Changes	
important during year .....	108-109
Construction	
work in progress - common utility plant .....	356
work in progress - electric .....	216
work in progress - other utility departments .....	200-201
Control	
corporations controlled by respondent .....	103
over respondent .....	102
Corporation	
controlled by .....	103
incorporated .....	101
CPA, background information on .....	101
CPA Certification, this report form .....	i-ii

<u>Schedule</u>	<u>Page No.</u>
Deferred	
credits, other .....	269
debts, miscellaneous .....	233
income taxes accumulated - accelerated	
amortization property .....	272-273
income taxes accumulated - other property .....	274-275
income taxes accumulated - other .....	276-277
income taxes accumulated - pollution control facilities .....	234
Definitions, this report form .....	iii
Depreciation and amortization	
of common utility plant .....	356
of electric plant .....	219
	336-337
Directors .....	105
Discount - premium on long-term debt .....	256-257
Distribution of salaries and wages .....	354-355
Dividend appropriations .....	118-119
Earnings, Retained .....	118-119
Electric energy account .....	401
Expenses	
electric operation and maintenance .....	320-323
electric operation and maintenance, summary .....	323
unamortized debt .....	256
Extraordinary property losses .....	230
Filing requirements, this report form	
General information .....	101
Instructions for filing the FERC Form 1 .....	i-iv
Generating plant statistics	
hydroelectric (large) .....	406-407
pumped storage (large) .....	408-409
small plants .....	410-411
steam-electric (large) .....	402-403
Hydro-electric generating plant statistics .....	406-407
Identification .....	101
Important changes during year .....	108-109
Income	
statement of, by departments .....	114-117
statement of, for the year (see also revenues) .....	114-117
deductions, miscellaneous amortization .....	340
deductions, other income deduction .....	340
deductions, other interest charges .....	340
Incorporation information .....	101

SchedulePage No.

Interest	
charges, paid on long-term debt, advances, etc .....	256-257
Investments	
nonutility property .....	221
subsidiary companies .....	224-225
Investment tax credits, accumulated deferred .....	266-267
Law, excerpts applicable to this report form .....	iv
List of schedules, this report form .....	2-4
Long-term debt .....	256-257
Losses-Extraordinary property .....	230
Materials and supplies .....	227
Miscellaneous general expenses .....	335
Notes	
to balance sheet .....	122-123
to statement of changes in financial position .....	122-123
to statement of income .....	122-123
to statement of retained earnings .....	122-123
Nonutility property .....	221
Nuclear fuel materials .....	202-203
Nuclear generating plant, statistics .....	402-403
Officers and officers' salaries .....	104
Operating	
expenses-electric .....	320-323
expenses-electric (summary) .....	323
Other	
paid-in capital .....	253
donations received from stockholders .....	253
gains on resale or cancellation of reacquired	
capital stock .....	253
miscellaneous paid-in capital .....	253
reduction in par or stated value of capital stock .....	253
regulatory assets .....	232
regulatory liabilities .....	278
Peaks, monthly, and output .....	401
Plant, Common utility	
accumulated provision for depreciation .....	356
acquisition adjustments .....	356
allocated to utility departments .....	356
completed construction not classified .....	356
construction work in progress .....	356
expenses .....	356
held for future use .....	356
in service .....	356
leased to others .....	356
Plant data .....	336-337
	401-429

<u>Schedule</u>	<u>Page No.</u>
Plant - electric	
accumulated provision for depreciation .....	219
construction work in progress .....	216
held for future use .....	214
in service .....	204-207
leased to others .....	213
Plant - utility and accumulated provisions for depreciation	
amortization and depletion (summary) .....	201
Pollution control facilities, accumulated deferred	
income taxes .....	234
Power Exchanges .....	326-327
Premium and discount on long-term debt .....	256
Premium on capital stock .....	251
Prepaid taxes .....	262-263
Property - losses, extraordinary .....	230
Pumped storage generating plant statistics .....	408-409
Purchased power (including power exchanges) .....	326-327
Reacquired capital stock .....	250
Reacquired long-term debt .....	256-257
Receivers' certificates .....	256-257
Reconciliation of reported net income with taxable income	
from Federal income taxes .....	261
Regulatory commission expenses deferred .....	233
Regulatory commission expenses for year .....	350-351
Research, development and demonstration activities .....	352-353
Retained Earnings	
amortization reserve Federal .....	119
appropriated .....	118-119
statement of, for the year .....	118-119
unappropriated .....	118-119
Revenues - electric operating .....	300-301
Salaries and wages	
directors fees .....	105
distribution of .....	354-355
officers' .....	104
Sales of electricity by rate schedules .....	304
Sales - for resale .....	310-311
Salvage - nuclear fuel .....	202-203
Schedules, this report form .....	2-4
Securities	
exchange registration .....	250-251
Statement of Cash Flows .....	120-121
Statement of income for the year .....	114-117
Statement of retained earnings for the year .....	118-119
Steam-electric generating plant statistics .....	402-403
Substations .....	426
Supplies - materials and .....	227

<u>Schedule</u>	<u>Page No.</u>
Taxes	
accrued and prepaid .....	262-263
charged during year .....	262-263
on income, deferred and accumulated .....	234
	272-277
reconciliation of net income with taxable income for .....	261
Transformers, line - electric .....	429
Transmission	
lines added during year .....	424-425
lines statistics .....	422-423
of electricity for others .....	328-330
of electricity by others .....	332
Unamortized	
debt discount .....	256-257
debt expense .....	256-257
premium on debt .....	256-257
Unrecovered Plant and Regulatory Study Costs .....	230