

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 2009/Q4

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 18th 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 2009/Q4
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) 04/19/2010

ANNUAL 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) 04/19/2010
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.

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	General Information	101	
2	Control Over Respondent	102	
3	Corporations Controlled by Respondent	103	
4	Officers	104	
5	Directors	105	
6	Information on Formula Rates	106(a)(b)	Not Applicable
7	Important Changes During the Year	108-109	
8	Comparative Balance Sheet	110-113	
9	Statement of Income for the Year	114-117	
10	Statement of Retained Earnings for the Year	118-119	
11	Statement of Cash Flows	120-121	
12	Notes to Financial Statements	122-123	
13	Statement of Accum Comp Income, Comp Income, and Hedging Activities	122(a)(b)	
14	Summary of Utility Plant & Accumulated Provisions for Dep, Amort & Dep	200-201	
15	Nuclear Fuel Materials	202-203	
16	Electric Plant in Service	204-207	
17	Electric Plant Leased to Others	213	None
18	Electric Plant Held for Future Use	214	
19	Construction Work in Progress-Electric	216	
20	Accumulated Provision for Depreciation of Electric Utility Plant	219	
21	Investment of Subsidiary Companies	224-225	
22	Materials and Supplies	227	
23	Allowances	228(ab)-229(ab)	
24	Extraordinary Property Losses	230	None
25	Unrecovered Plant and Regulatory Study Costs	230	None
26	Transmission Service and Generation Interconnection Study Costs	231	None
27	Other Regulatory Assets	232	
28	Miscellaneous Deferred Debits	233	
29	Accumulated Deferred Income Taxes	234	
30	Capital Stock	250-251	
31	Other Paid-in Capital	253	
32	Capital Stock Expense	254	None
33	Long-Term Debt	256-257	
34	Reconciliation of Reported Net Income with Taxable Inc for Fed Inc Tax	261	
35	Taxes Accrued, Prepaid and Charged During the Year	262-263	
36	Accumulated Deferred Investment Tax Credits	266-267	

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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LIST OF SCHEDULES (Electric Utility) (continued)

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)
37	Other Deferred Credits	269	
38	Accumulated Deferred Income Taxes-Accelerated Amortization Property	272-273	None
39	Accumulated Deferred Income Taxes-Other Property	274-275	
40	Accumulated Deferred Income Taxes-Other	276-277	
41	Other Regulatory Liabilities	278	
42	Electric Operating Revenues	300-301	
43	Sales of Electricity by Rate Schedules	304	
44	Sales for Resale	310-311	
45	Electric Operation and Maintenance Expenses	320-323	
46	Purchased Power	326-327	
47	Transmission of Electricity for Others	328-330	
48	Transmission of Electricity by ISO/RTOs	331	Not Applicable
49	Transmission of Electricity by Others	332	
50	Miscellaneous General Expenses-Electric	335	
51	Depreciation and Amortization of Electric Plant	336-337	
52	Regulatory Commission Expenses	350-351	
53	Research, Development and Demonstration Activities	352-353	
54	Distribution of Salaries and Wages	354-355	
55	Common Utility Plant and Expenses	356	None
56	Amounts included in ISO/RTO Settlement Statements	397	
57	Purchase and Sale of Ancillary Services	398	
58	Monthly Transmission System Peak Load	400	
59	Monthly ISO/RTO Transmission System Peak Load	400a	Not Applicable
60	Electric Energy Account	401	
61	Monthly Peaks and Output	401	
62	Steam Electric Generating Plant Statistics	402-403	
63	Hydroelectric Generating Plant Statistics	406-407	None
64	Pumped Storage Generating Plant Statistics	408-409	None
65	Generating Plant Statistics Pages	410-411	
66	Transmission Line Statistics Pages	422-423	

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) 04/19/2010	Year/Period of Report End of <u>2009/Q4</u>
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LIST OF SCHEDULES (Electric Utility) (continued)

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)
67	Transmission Lines Added During the Year	424-425	None
68	Substations	426-427	
69	Transactions with Associated (Affiliated) Companies	429	
70	Footnote Data	450	
	Stockholders' Reports Check appropriate box: <input checked="" type="checkbox"/> Two copies will be submitted <input type="checkbox"/> No annual report to stockholders is prepared		

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) 04/19/2010	Year/Period of Report End of <u>2009/Q4</u>
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GENERAL INFORMATION

1. Provide name and title of officer having custody of the general corporate books of account and address of office where the general corporate books are kept, and address of office where any other corporate books of account are kept, if different from that where the general corporate books are kept.

Lori Wright, Vice President & Controller
1200 Main Street
Kansas City, Missouri 64105

2. Provide the name of the State under the laws of which respondent is incorporated, and date of incorporation. If incorporated under a special law, give reference to such law. If not incorporated, state that fact and give the type of organization and the date organized.

Incorporated - State of Missouri, July 29, 1922

3. If at any time during the year the property of respondent was held by a receiver or trustee, give (a) name of receiver or trustee, (b) date such receiver or trustee took possession, (c) the authority by which the receivership or trusteeship was created, and (d) date when possession by receiver or trustee ceased.

N/A

4. State the classes or utility and other services furnished by respondent during the year in each State in which the respondent operated.

Missouri - Electric
Kansas - Electric

5. Have you engaged as the principal accountant to audit your financial statements an accountant who is not the principal accountant for your previous year's certified financial statements?

- (1) ☐ Yes...Enter the date when such independent accountant was initially engaged:
(2) ☒ No

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CONTROL OVER RESPONDENT

1. If any corporation, business trust, or similar organization or a combination of such organizations jointly held control over the respondent at the end of the year, state name of controlling corporation or organization, manner in which control was held, and extent of control. If control was in a holding company organization, show the chain of ownership or control to the main parent company or organization. If control was held by a trustee(s), state name of trustee(s), name of beneficiary or beneficiaries for whom trust was maintained, and purpose of the trust.

The above required information is available from the below referenced SEC 10-K report Form filing for the fiscal year ending December 31, 2009:

Commission File Number	Registrant, State of Incorporation Address and Telephone Number	I.R.S. Employer Identification Number
001-32206	GREAT PLAINS ENERGY INCORPORATED (A Missouri Corporation) 1200 Main Street Kansas City, Missouri 64105 (816) 556-2200 www.greatplainsenergy.com	43-1916803
000-51873	KANSAS CITY POWER & LIGHT COMPANY (A Missouri Corporation) 1200 Main Street Kansas City, Missouri 64105 (816) 556-2200 www.kcpl.com	44-0308720

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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CORPORATIONS CONTROLLED BY RESPONDENT

1. Report below the names of all corporations, business trusts, and similar organizations, controlled directly or indirectly by respondent at any time during the year. If control ceased prior to end of year, give particulars (details) in a footnote.

2. If control was by other means than a direct holding of voting rights, state in a footnote the manner in which control was held, naming any intermediaries involved.

3. If control was held jointly with one or more other interests, state the fact in a footnote and name the other interests.

Definitions

1. See the Uniform System of Accounts for a definition of control.

2. Direct control is that which is exercised without interposition of an intermediary.

3. Indirect control is that which is exercised by the interposition of an intermediary which exercises direct control.

4. Joint control is that in which neither interest can effectively control or direct action without the consent of the other, as where the voting control is equally divided between two holders, or each party holds a veto power over the other. Joint control may exist by mutual agreement or understanding between two or more parties who together have control within the meaning of the definition of control in the Uniform System of Accounts, regardless of the relative voting rights of each party.

Line No.	Name of Company Controlled (a)	Kind of Business (b)	Percent Voting Stock Owned (c)	Footnote Ref. (d)
1	Wolf Creek Nuclear Operating Corporation	Operating agent for Wolf	47%	
2		Creek Generating Station		
3				
4	Kansas City Power & Light Receivables Company	Corporation that purchases	100%	
5		customer receivables from		
6		KCP&L and sells to outside		
7		investors.		
8				
9	KCP&L, Inc. (Kansas)	Inactive	100%	
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11	KCP&L, Inc. (Missouri)	Inactive	100%	
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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) 04/19/2010	Year/Period of Report 2009/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 103 Line No.: 1 Column: d

Owned and controlled jointly with Kansas Gas and Electric 47% and Kansas Electric Power Co-operative 6%.

OFFICERS			
<p>1. Report below the name, title and salary for each executive officer whose salary is \$50,000 or more. An "executive officer" of a respondent includes its president, secretary, treasurer, and vice president in charge of a principal business unit, division or function (such as sales, administration or finance), and any other person who performs similar policy making functions.</p> <p>2. If a change was made during the year in the incumbent of any position, show name and total remuneration of the previous incumbent, and the date the change in incumbency was made.</p>			
Line No.	Title (a)	Name of Officer (b)	Salary for Year (c)
1	Chairman of the Board and Chief Executive Officer	Michael J. Chesser	800,000
2			
3			
4	President and Chief Operating Officer	William H. Downey	510,000
5			
6			
7	Executive Vice President - Utility Operations	John R. Marshall	400,000
8			
9			
10	Senior Vice President - Human Resources and	Barbara B. Curry	320,000
11	Corporate Secretary		
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14	Executive Vice President - Finance and Strategic	Terry Bassham	420,000
15	Development and Chief Financial Officer		
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DIRECTORS

1. Report below the information called for concerning each director of the respondent who held office at any time during the year. Include in column (a), abbreviated titles of the directors who are officers of the respondent.

2. Designate members of the Executive Committee by a triple asterisk and the Chairman of the Executive Committee by a double asterisk.

Line No.	Name (and Title) of Director (a)	Principal Business Address (b)
1	Dr. David L. Bodde	Senior Fellow & Professor
2		Arthur M. Spiro Center for Entrepreneurial Leadership
3		Clemson University
4		346 Sarrine Hall
5		Clemson, SC 29634-1345
6		
7	William C. Nelson	Chairman
8		George K. Baum Asset Management
9		4801 Main St., Suite 500
10		Kansas City, MO 64112
11		
12	Dr. Linda Hood Talbott	President and CEO
13		Talbott & Associates
14		P.O. Box 22322
15		Kansas City, MO 64113-3022
16		
17	Randall C. Ferguson, Jr.	c/o Great Plains Energy
18		1200 Main Street
19		P.O. Box 418679
20		Kansas City, MO 64141-9679
21		
22	James A. Mitchell	Executive Fellow - Leadership
23		Center for Ethical Business Cultures
24		1000 LaSalle Avenue MJH-300
25		Minneapolis, MN 55403-2005
26		
27	Robert H. West	c/o Great Plains Energy
28		1200 Main Street
29		P.O. Box 418679
30		Kansas City, MO 64141-9679
31		
32	Gary D. Forsee	President
33		University of Missouri System
34		321 University Hall
35		Columbia, MO 65211
36		
37	John J. Sherman	President and Chief Executive Officer
38		Inergy, L.P.
39		2 Brush Creek Blvd, Ste 200
40		Kansas City, MO 64112
41		
42	Michael J. Chesser	1200 Main Street
43	Chairman of the Board and Chief Executive Officer	P.O. Box 418679
44		Kansas City, MO 64141-9679
45		
46	William H. Downey	1200 Main Street
47	President and Chief Operating Officer	P.O. Box 418679
48		Kansas City, MO 64141-9679

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) 04/19/2010	Year/Period of Report End of 2009/Q4
DIRECTORS					
1. Report below the information called for concerning each director of the respondent who held office at any time during the year. Include in column (a), abbreviated titles of the directors who are officers of the respondent.					
2. Designate members of the Executive Committee by a triple asterisk and the Chairman of the Executive Committee by a double asterisk.					
Line No.	Name (and Title) of Director (a)			Principal Business Address (b)	
1	Mark A. Ernst			Deputy Commissioner for Operations Support	
2	(resigned in January 2009 upon accepting a position as			Internal Revenue Service	
3	Deputy Commissioner of the Internal Revenue Service)			1111 Constitution Ave, NW	
4				Washington, DC 20224	
5					
6	Luis A. Jimenez			Luis Jimenez Consulting LLC	
7	(Did not stand for reelection at 2009 shareholder meeting)			5 River Road, Suite 207	
8				Wilton, CT 06897	
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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) 04/19/2010	Year/Period of Report End of 2009/Q4
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<p align="center">INFORMATION ON FORMULA RATES</p> <p align="center">FERC Rate Schedule/Tariff Number FERC Proceeding</p>
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Does the respondent have formula rates?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
---	--

1. Please list the Commission accepted formula rates including FERC Rate Schedule or Tariff Number and FERC proceeding (i.e. Docket No) accepting the rate(s) or changes in the accepted rate.

Line No.	FERC Rate Schedule or Tariff Number	FERC Proceeding
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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) 04/19/2010	Year/Period of Report End of <u>2009/Q4</u>
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INFORMATION ON FORMULA RATES
FERC Rate Schedule/Tariff Number FERC Proceeding

Does the respondent file with the Commission annual (or more frequent) filings containing the inputs to the formula rate(s)?

☐ Yes
☒ No

2. If yes, provide a listing of such filings as contained on the Commission's eLibrary website

Line No.	Accession No.	Document Date \ Filed Date	Docket No.	Description	Formula Rate FERC Rate Schedule Number or Tariff Number
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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) 04/19/2010	Year/Period of Report End of <u>2009/Q4</u>
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<div> <div>INFORMATION ON FORMULA RATES</div> <div>Formula Rate Variances</div> </div>				
<div> <div>1. If a respondent does not submit such filings then indicate in a footnote to the applicable Form 1 schedule where formula rate inputs differ from amounts reported in the Form 1.</div> <div>2. The footnote should provide a narrative description explaining how the "rate" (or billing) was derived if different from the reported amount in the Form 1.</div> <div>3. The footnote should explain amounts excluded from the ratebase or where labor or other allocation factors, operating expenses, or other items impacting formula rate inputs differ from amounts reported in Form 1 schedule amounts.</div> <div>4. Where the Commission has provided guidance on formula rate inputs, the specific proceeding should be noted in the footnote.</div> </div>				
Line No.	Page No(s).	Schedule	Column	Line No
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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 04/19/2010	Year/Period of Report End of 2009/Q4
IMPORTANT CHANGES DURING THE QUARTER/YEAR			
<p>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.</p> <ol style="list-style-type: none"> 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) 04/19/2010	Year/Period of Report 2009/Q4
Kansas City Power & Light Company			
IMPORTANT CHANGES DURING THE QUARTER/YEAR (Continued)			

1. Franchises renewed during 2009 are as follows:

<u>Utility</u>	<u>Town</u>	<u>State</u>	<u>Term</u>	<u>Action</u>	<u>Consideration</u>	
Electric	Mt. Leonard	MO	20 years	Renewal	5.00%	Effective 1/1/2009
Electric	Dalton	MO	20 years	Renewal	5.00%	Effective 1/22/2009
Electric	Lenexa	KS	10 years	Renewal	5.00%	Effective 4/1/2009
Electric	Shawnee	KS	7 years	Amended	5.00%	Effective 4/1/2010 for non-residential customers
					2.00%	Effective 4/1/2010-1/1/2011 for residential customers
				Signed effective 8/24/2009	5.00%	Effective 1/1/2011 for residential customers

2. None

3. None

4. None

5. None

6. Please see pages 122-123 for Notes to Financial Statements, Note 11 Short-Term Borrowings and Short-Term Bank Lines of Credit and Note 12 Long-Term Debt for obligations incurred during 2009.

7. None

8. Management and general contract (union) wage increases during 2009 are as follows:

Effective 2/1/2009 - Local 1464 increase of 3.76%.

Effective 3/1/2009 - Local 412 increase of 3.75%.

Effective 3/1/2009 - KCP&L management merit increase of 3.00%.

Effective 4/1/2009 - Local 1613 increase of 3.25%.

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

Please see pages 122-123 for Notes to Financial Statements, Note 6 Regulatory Matters, Note 14 Commitments and Contingencies detailing 2009 Environmental Matters and Note 15 for Legal Proceedings that were active at December 31, 2009.

10. None

11. Reserved

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

13. Effective January 2, 2009, Steve Easley resigned from KCP&L as Senior Vice President - Supply.

Effective January 2, 2009, Scott Heidtbrink's title was changed to Senior Vice President - Supply.

Effective January 27, 2009, Mark Ernst resigned as a director of KCP&L.

On May 5, 2009, Gary D. Forsee was appointed to the Board of Directors.

On May 5, 2009, Luis A. Jimenez ceased being a director.

On July 1, 2009, Chris Giles retired as an officer of KCP&L.

On July 28, 2009, John J. Sherman became a director of KCP&L.

On October 1, 2009, Richard Spring retired as an officer of KCP&L.

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	04/19/2010	End of 2009/Q4

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)
1	UTILITY PLANT			
2	Utility Plant (101-106, 114)	200-201	6,258,514,423	5,671,417,089
3	Construction Work in Progress (107)	200-201	1,144,170,255	1,148,504,949
4	TOTAL Utility Plant (Enter Total of lines 2 and 3)		7,402,684,678	6,819,922,038
5	(Less) Accum. Prov. for Depr. Amort. Depl. (108, 110, 111, 115)	200-201	2,899,768,920	2,737,835,295
6	Net Utility Plant (Enter Total of line 4 less 5)		4,502,915,758	4,082,086,743
7	Nuclear Fuel in Process of Ref., Conv., Enrich., and Fab. (120.1)	202-203	12,190,208	27,508,138
8	Nuclear Fuel Materials and Assemblies-Stock Account (120.2)		0	8,882,811
9	Nuclear Fuel Assemblies in Reactor (120.3)		78,870,218	56,922,383
10	Spent Nuclear Fuel (120.4)		83,085,759	81,340,494
11	Nuclear Fuel Under Capital Leases (120.6)		0	0
12	(Less) Accum. Prov. for Amort. of Nucl. Fuel Assemblies (120.5)	202-203	105,975,785	110,783,200
13	Net Nuclear Fuel (Enter Total of lines 7-11 less 12)		68,170,400	63,870,626
14	Net Utility Plant (Enter Total of lines 6 and 13)		4,571,086,158	4,145,957,369
15	Utility Plant Adjustments (116)		0	0
16	Gas Stored Underground - Noncurrent (117)		0	0
17	OTHER PROPERTY AND INVESTMENTS			
18	Nonutility Property (121)		4,584,195	4,971,019
19	(Less) Accum. Prov. for Depr. and Amort. (122)		2,102,385	2,614,903
20	Investments in Associated Companies (123)		0	0
21	Investment in Subsidiary Companies (123.1)	224-225	3,779,947	461,137
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)		3,241,798	1,386,066
25	Sinking Funds (125)		0	0
26	Depreciation Fund (126)		0	0
27	Amortization Fund - Federal (127)		0	0
28	Other Special Funds (128)		112,487,043	96,890,167
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	24,634
32	TOTAL Other Property and Investments (Lines 18-21 and 23-31)		121,990,598	101,118,120
33	CURRENT AND ACCRUED ASSETS			
34	Cash and Working Funds (Non-major Only) (130)		0	0
35	Cash (131)		1,516,320	4,775,285
36	Special Deposits (132-134)		73,723	444,991
37	Working Fund (135)		44,098	44,598
38	Temporary Cash Investments (136)		15,040,376	32,525
39	Notes Receivable (141)		0	44,797
40	Customer Accounts Receivable (142)		0	0
41	Other Accounts Receivable (143)		76,157,764	76,936,814
42	(Less) Accum. Prov. for Uncollectible Acct.-Credit (144)		0	0
43	Notes Receivable from Associated Companies (145)		50,274,913	71,717,292
44	Accounts Receivable from Assoc. Companies (146)		36,516,694	36,791,052
45	Fuel Stock (151)	227	45,596,392	51,681,377
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	77,856,217	67,621,560
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

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	04/19/2010	End of 2009/Q4

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

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)
53	(Less) Noncurrent Portion of Allowances		0	0
54	Stores Expense Undistributed (163)	227	6,949,219	628,441
55	Gas Stored Underground - Current (164.1)		0	0
56	Liquefied Natural Gas Stored and Held for Processing (164.2-164.3)		0	0
57	Prepayments (165)		10,402,885	11,132,382
58	Advances for Gas (166-167)		0	0
59	Interest and Dividends Receivable (171)		0	0
60	Rents Receivable (172)		189,200	94,128
61	Accrued Utility Revenues (173)		0	0
62	Miscellaneous Current and Accrued Assets (174)		19,452,158	25,576,984
63	Derivative Instrument Assets (175)		0	0
64	(Less) Long-Term Portion of Derivative Instrument Assets (175)		0	0
65	Derivative Instrument Assets - Hedges (176)		242,000	612,486
66	(Less) Long-Term Portion of Derivative Instrument Assets - Hedges (176)		0	24,634
67	Total Current and Accrued Assets (Lines 34 through 66)		340,311,959	348,110,078
68	DEFERRED DEBITS			
69	Unamortized Debt Expenses (181)		17,137,558	14,711,686
70	Extraordinary Property Losses (182.1)	230a	0	0
71	Unrecovered Plant and Regulatory Study Costs (182.2)	230b	0	0
72	Other Regulatory Assets (182.3)	232	722,643,301	694,195,405
73	Prelim. Survey and Investigation Charges (Electric) (183)		0	0
74	Preliminary Natural Gas Survey and Investigation Charges 183.1)		0	0
75	Other Preliminary Survey and Investigation Charges (183.2)		0	0
76	Clearing Accounts (184)		2,164,738	1,020,597
77	Temporary Facilities (185)		455	5,534
78	Miscellaneous Deferred Debits (186)	233	40,133,347	29,598,497
79	Def. Losses from Disposition of Utility Plt. (187)		0	0
80	Research, Devel. and Demonstration Expend. (188)	352-353	145,000	107,000
81	Unamortized Loss on Reaquired Debt (189)		5,311,425	5,706,788
82	Accumulated Deferred Income Taxes (190)	234	468,954,103	328,810,079
83	Unrecovered Purchased Gas Costs (191)		0	0
84	Total Deferred Debits (lines 69 through 83)		1,256,489,927	1,074,155,586
85	TOTAL ASSETS (lines 14-16, 32, 67, and 84)		6,289,878,642	5,669,341,153

[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) 04/19/2010	Year/Period of Report End of 2009/Q4
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STATEMENT OF INCOME

Quarterly

1. Report in column (c) the current year to date balance. Column (c) equals the total of adding the data in column (g) plus the data in column (i) plus the data in column (k). Report in column (d) similar data for the previous year. This information is reported in the annual filing only.

2. Enter in column (e) the balance for the reporting quarter and in column (f) the balance for the same three month period for the prior year.

3. Report in column (g) the quarter to date amounts for electric utility function; in column (i) the quarter to date amounts for gas utility, and in column (k) the quarter to date amounts for other utility function for the current year quarter.

4. Report in column (h) the quarter to date amounts for electric utility function; in column (j) the quarter to date amounts for gas utility, and in column (l) the quarter to date amounts for other utility function for the prior year quarter.

5. If additional columns are needed, place them in a footnote.

Annual or Quarterly if applicable

5. Do not report fourth quarter data in columns (e) and (f)

6. Report amounts for accounts 412 and 413, Revenues and Expenses from Utility Plant Leased to Others, in another utility columnin a similar manner to a utility department. Spread the amount(s) over lines 2 thru 26 as appropriate. Include these amounts in columns (c) and (d) totals.

7. Report amounts in account 414, Other Utility Operating Income, in the same manner as accounts 412 and 413 above.

Line No.	Title of Account (a)	(Ref.) Page No. (b)	Total Current Year to Date Balance for Quarter/Year (c)	Total Prior Year to Date Balance for Quarter/Year (d)	Current 3 Months Ended Quarterly Only No 4th Quarter (e)	Prior 3 Months Ended Quarterly Only No 4th Quarter (f)
1	UTILITY OPERATING INCOME					
2	Operating Revenues (400)	300-301	1,317,389,133	1,343,074,466		
3	Operating Expenses					
4	Operation Expenses (401)	320-323	637,307,890	676,301,288		
5	Maintenance Expenses (402)	320-323	94,690,738	99,230,416		
6	Depreciation Expense (403)	336-337	158,448,413	145,395,750		
7	Depreciation Expense for Asset Retirement Costs (403.1)	336-337	1,237,923	1,020,721		
8	Amort. & Depl. of Utility Plant (404-405)	336-337	71,153,577	58,912,384		
9	Amort. of Utility Plant Acq. Adj. (406)	336-337				
10	Amort. Property Losses, Unrecov Plant and Regulatory Study Costs (407)					
11	Amort. of Conversion Expenses (407)					
12	Regulatory Debits (407.3)					
13	(Less) Regulatory Credits (407.4)		8,590,216	7,666,758		
14	Taxes Other Than Income Taxes (408.1)	262-263	118,706,127	118,852,815		
15	Income Taxes - Federal (409.1)	262-263	47,799,793	622,690		
16	- Other (409.1)	262-263	5,211,540	5,596,095		
17	Provision for Deferred Income Taxes (410.1)	234, 272-277	-30,018,060	1,442,866		
18	(Less) Provision for Deferred Income Taxes-Cr. (411.1)	234, 272-277	7,982,717	8,894,374		
19	Investment Tax Credit Adj. - Net (411.4)	266	35,851,252	72,850,486		
20	(Less) Gains from Disp. of Utility Plant (411.6)					
21	Losses from Disp. of Utility Plant (411.7)					
22	(Less) Gains from Disposition of Allowances (411.8)					
23	Losses from Disposition of Allowances (411.9)					
24	Accretion Expense (411.10)		7,352,293	6,646,037		
25	TOTAL Utility Operating Expenses (Enter Total of lines 4 thru 24)		1,131,168,553	1,170,310,416		
26	Net Util Oper Inc (Enter Tot line 2 less 25) Carry to Pg117,line 27		186,220,580	172,764,050		

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) 04/19/2010		Year/Period of Report End of 2009/Q4	
STATEMENT OF INCOME FOR THE YEAR (Continued)							
<p>9. Use page 122 for important notes regarding the statement of income for any account thereof.</p> <p>10. Give concise explanations concerning unsettled rate proceedings where a contingency exists such that refunds of a material amount may need to be made to the utility's customers or which may result in material refund to the utility with respect to power or gas purchases. State for each year effected the gross revenues or costs to which the contingency relates and the tax effects together with an explanation of the major factors which affect the rights of the utility to retain such revenues or recover amounts paid with respect to power or gas purchases.</p> <p>11 Give concise explanations concerning significant amounts of any refunds made or received during the year resulting from settlement of any rate proceeding affecting revenues received or costs incurred for power or gas purchases, and a summary of the adjustments made to balance sheet, income, and expense accounts.</p> <p>12. If any notes appearing in the report to stokholders are applicable to the Statement of Income, such notes may be included at page 122.</p> <p>13. Enter on page 122 a concise explanation of only those changes in accounting methods made during the year which had an effect on net income, including the basis of allocations and apportionments from those used in the preceding year. Also, give the appropriate dollar effect of such changes.</p> <p>14. Explain in a footnote if the previous year's/quarter's figures are different from that reported in prior reports.</p> <p>15. If the columns are insufficient for reporting additional utility departments, supply the appropriate account titles report the information in a footnote to this schedule.</p>							
ELECTRIC UTILITY		GAS UTILITY		OTHER UTILITY			
Current Year to Date (in dollars) (g)	Previous Year to Date (in dollars) (h)	Current Year to Date (in dollars) (i)	Previous Year to Date (in dollars) (j)	Current Year to Date (in dollars) (k)	Previous Year to Date (in dollars) (l)	Line No.	
						1	
1,317,389,133	1,343,074,466					2	
						3	
637,307,890	676,301,288					4	
94,690,738	99,230,416					5	
158,448,413	145,395,750					6	
1,237,923	1,020,721					7	
71,153,577	58,912,384					8	
						9	
						10	
						11	
						12	
8,590,216	7,666,758					13	
118,706,127	118,852,815					14	
47,799,793	622,690					15	
5,211,540	5,596,095					16	
-30,018,060	1,442,866					17	
7,982,717	8,894,374					18	
35,851,252	72,850,486					19	
						20	
						21	
						22	
						23	
7,352,293	6,646,037					24	
1,131,168,553	1,170,310,416					25	
186,220,580	172,764,050					26	

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) 04/19/2010		Year/Period of Report End of 2009/Q4	
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)		186,220,580	172,764,050			
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)		3,598,496	3,197,938			
34	(Less) Expenses of Nonutility Operations (417.1)		748,238	2,500,584			
35	Nonoperating Rental Income (418)		27,067	10,678			
36	Equity in Earnings of Subsidiary Companies (418.1)	119	3,318,809	1,349,386			
37	Interest and Dividend Income (419)		633,139	2,784,172			
38	Allowance for Other Funds Used During Construction (419.1)		30,631,196	22,476,996			
39	Miscellaneous Nonoperating Income (421)		1,450,929	759,231			
40	Gain on Disposition of Property (421.1)		122,324	134			
41	TOTAL Other Income (Enter Total of lines 31 thru 40)		39,033,722	28,077,951			
42	Other Income Deductions						
43	Loss on Disposition of Property (421.2)		170,059	176,144			
44	Miscellaneous Amortization (425)						
45	Donations (426.1)		1,461,668	2,605,203			
46	Life Insurance (426.2)		431,496	468,706			
47	Penalties (426.3)		969	14,840			
48	Exp. for Certain Civic, Political & Related Activities (426.4)		687,712	508,872			
49	Other Deductions (426.5)		15,913,613	14,718,476			
50	TOTAL Other Income Deductions (Total of lines 43 thru 49)		18,665,517	18,492,241			
51	Taxes Applic. to Other Income and Deductions						
52	Taxes Other Than Income Taxes (408.2)	262-263	72,321	49,946			
53	Income Taxes-Federal (409.2)	262-263	-5,082,064	-11,101,357			
54	Income Taxes-Other (409.2)	262-263	-957,569	-1,478,835			
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)		30,844	30,844			
59	TOTAL Taxes on Other Income and Deductions (Total of lines 52-58)		-5,998,156	-12,561,090			
60	Net Other Income and Deductions (Total of lines 41, 50, 59)		26,366,361	22,146,800			
61	Interest Charges						
62	Interest on Long-Term Debt (427)		110,350,933	79,253,416			
63	Amort. of Debt Disc. and Expense (428)		1,754,654	1,347,310			
64	Amortization of Loss on Reaquired Debt (428.1)		395,363	388,530			
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)		27,733				
68	Other Interest Expense (431)		2,258,401	12,328,144			
69	(Less) Allowance for Borrowed Funds Used During Construction-Cr. (432)		31,090,977	23,580,821			
70	Net Interest Charges (Total of lines 62 thru 69)		83,696,107	69,736,579			
71	Income Before Extraordinary Items (Total of lines 27, 60 and 70)		128,890,834	125,174,271			
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)		128,890,834	125,174,271			

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		396,449,640	416,624,755
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)		125,572,025	123,824,885
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			-72,000,000	(144,000,000)
32				
33				
34				
35				
36	TOTAL Dividends Declared-Common Stock (Acct. 438)		-72,000,000	(144,000,000)
37	Transfers from Acct 216.1, Unapprop. Undistrib. Subsidiary Earnings		-46,151,022	
38	Balance - End of Period (Total 1,9,15,16,22,29,36,37)		403,870,643	396,449,640
	APPROPRIATED RETAINED EARNINGS (Account 215)			
39				
40				

- | 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) |
|----------|--|---|---|--|
| 41 | | | | |
| 42 | | | | |
| 43 | | | | |
| 44 | | | | |
| 45 | TOTAL Appropriated Retained Earnings (Account 215) | | | |
| | APPROP. RETAINED EARNINGS - AMORT. Reserve, Federal (Account 215.1) | | | |
| 46 | TOTAL Approp. Retained Earnings-Amort. Reserve, Federal (Acct. 215.1) | | | |
| 47 | TOTAL Approp. Retained Earnings (Acct. 215, 215.1) (Total 45,46) | | | |
| 48 | TOTAL Retained Earnings (Acct. 215, 215.1, 216) (Total 38, 47) (216.1) | | 403,870,643 | 396,449,640 |
| | UNAPPROPRIATED UNDISTRIBUTED SUBSIDIARY EARNINGS (Account | | | |
| | Report only on an Annual Basis, no Quarterly | | | |
| 49 | Balance-Beginning of Year (Debit or Credit) | | -48,689,883 | (50,706,414) |
| 50 | Equity in Earnings for Year (Credit) (Account 418.1) | | 3,318,809 | 1,349,386 |
| 51 | (Less) Dividends Received (Debit) | | | |
| 52 | Transfer of earnings to appropriate retained earnings account | | 46,151,021 | 667,145 |
| 53 | Balance-End of Year (Total lines 49 thru 52) | | 779,947 | (48,689,883) |

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) 04/19/2010	Year/Period of Report 2009/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 118 Line No.: 52 Column: c

The transfer of earnings to the appropriate retained earnings account consists of the following components:

\$48,831,955 to reflect transfer of KCP&L's investment in HSS, Inc. to KLT, Inc.
(\$2,717,550) to reflect subsidiary income from KCREC
\$36,617 to adjust for miscellaneous difference between KCP&L and KCREC
\$46,151,022

Schedule Page: 118 Line No.: 52 Column: d

Effective January 2, 2008, KCP&L transferred its ownership of Home Service Solutions, Inc. to KLT Inc., a wholly owned subsidiary of Great Plains Energy.

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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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)	128,890,834	125,174,271
3	Noncash Charges (Credits) to Income:		
4	Depreciation and Depletion	229,601,990	204,308,134
5	Amortization of		
6	Nuclear fuel	16,113,084	14,508,103
7	Other	9,049,705	3,724,473
8	Deferred Income Taxes (Net)	-38,000,777	-7,451,508
9	Investment Tax Credit Adjustment (Net)	35,820,408	72,819,642
10	Net (Increase) Decrease in Receivables	27,362,574	36,983,648
11	Net (Increase) Decrease in Inventory	-10,470,450	-20,203,042
12	Net (Increase) Decrease in Allowances Inventory		
13	Net Increase (Decrease) in Payables and Accrued Expenses	-47,316,077	99,629,043
14	Net (Increase) Decrease in Other Regulatory Assets	-21,924,925	-32,911,066
15	Net Increase (Decrease) in Other Regulatory Liabilities	493,241	3,319,195
16	(Less) Allowance for Other Funds Used During Construction	30,631,196	22,476,996
17	(Less) Undistributed Earnings from Subsidiary Companies	3,318,809	1,349,386
18	Other (provide details in footnote):	-8,376,137	-54,168,474
19			
20			
21			
22	Net Cash Provided by (Used in) Operating Activities (Total 2 thru 21)	287,293,465	421,906,037
23			
24	Cash Flows from Investment Activities:		
25	Construction and Acquisition of Plant (including land):		
26	Gross Additions to Utility Plant (less nuclear fuel)	-667,846,311	-838,745,205
27	Gross Additions to Nuclear Fuel	-20,412,857	-17,771,516
28	Gross Additions to Common Utility Plant		
29	Gross Additions to Nonutility Plant	-206,492	-45,308
30	(Less) Allowance for Other Funds Used During Construction	-30,631,196	-22,476,996
31	Other (provide details in footnote):		
32			
33			
34	Cash Outflows for Plant (Total of lines 26 thru 33)	-657,834,464	-834,085,033
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)	-99,014,359	-49,095,221
45	Proceeds from Sales of Investment Securities (a)	95,340,635	45,421,497

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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	-400,191	-8,333,677		
55	Net money pool lending	-6,000,000			
56	Net Cash Provided by (Used in) Investing Activities				
57	Total of lines 34 thru 55)	-667,908,379	-846,092,434		
58					
59	Cash Flows from Financing Activities:				
60	Proceeds from Issuance of:				
61	Long-Term Debt (b)	413,176,406	363,384,538		
62	Preferred Stock				
63	Common Stock				
64	Other (provide details in footnote):				
65	Net money pool borrowings	861,742			
66	Net Increase in Short-Term Debt (c)		14,364,000		
67	Other (provide details in footnote):				
68	Contributions from Great Plains Energy	247,500,000	200,000,000		
69					
70	Cash Provided by Outside Sources (Total 61 thru 69)	661,538,148	577,748,538		
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	-4,032,839	-4,264,742		
78	Net Decrease in Short-Term Debt (c)	-193,587,000			
79					
80	Dividends on Preferred Stock				
81	Dividends on Common Stock	-72,000,000	-144,000,000		
82	Net Cash Provided by (Used in) Financing Activities				
83	(Total of lines 70 thru 81)	391,918,309	429,483,796		
84					
85	Net Increase (Decrease) in Cash and Cash Equivalents				
86	(Total of lines 22,57 and 83)	11,303,395	5,297,399		
87					
88	Cash and Cash Equivalents at Beginning of Period	5,297,399			
89					
90	Cash and Cash Equivalents at End of period	16,600,794	5,297,399		

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) 04/19/2010	Year/Period of Report 2009/Q4
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FOOTNOTE DATA			

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

	<u>2009</u>	<u>2008</u>
Balance Sheet, pages 110-111:		
Line No. 35 - Cash (131)	\$ 1,516,320	\$4,775,285
Line No. 36 - Special Deposits (132-134)	73,723	444,991
Line No. 37 - Working Fund (135)	44,098	44,598
Line No. 38 - Temporary Cash Investments (136)	15,040,376	32,525
Total Balance Sheet	\$16,674,517	\$5,297,399
Less: Funds on Deposit in 134, not considered		
Cash and Cash Equivalents	(73,723)	-
Cash and Cash Equivalents at End of Period	\$16,600,794	\$5,297,399

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 04/19/2010	Year/Period of Report End of 2009/Q4
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<p align="center">NOTES TO FINANCIAL STATEMENTS</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) 04/19/2010	Year/Period of Report 2009/Q4
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

KANSAS CITY POWER & LIGHT COMPANY

Notes to Financial Statements

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.

Cash and Cash Equivalents

Cash equivalents consist of highly liquid investments with original maturities of three months or less at acquisition.

Funds on Deposit

Funds on deposit consist primarily of cash provided to counterparties in support of margin requirements related to commodity purchases, commodity swaps and futures contracts. Pursuant to individual contract terms with counterparties, deposit amounts required vary with changes in market prices, credit provisions and various other factors. Interest is earned on most funds on deposit.

Fair Value of Financial Instruments

The following methods and assumptions were used to estimate the fair value of each class of financial instruments for which it is practicable to estimate that value.

Nuclear decommissioning trust fund – KCP&L's nuclear decommissioning trust fund assets are recorded at fair value. Fair value is based on quoted market prices of the investments held by the fund and/or valuation models.

Long-term debt – Fair value 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 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. At December 31, 2008, the book value and fair value of KCP&L's long-term debt was \$1.4 billion and \$1.1 billion, respectively.

Derivative instruments – The fair value of derivative instruments is estimated using market quotes, over-the-counter forward price and volatility curves and correlation among fuel prices, net of estimated credit risk.

Pension plans – For financial reporting purposes, the market value of plan assets is the fair value. KCP&L uses a

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NOTES TO FINANCIAL STATEMENTS (Continued)			

five-year smoothing of assets to determine fair value for regulatory reporting purposes.

Derivative Instruments

The Company records derivative instruments on the balance sheet at fair value in accordance with GAAP. The Company enters into derivative contracts to manage exposure to commodity price and interest rate fluctuations. Derivative instruments designated as normal purchases and normal sales (NPNS) and cash flow hedges are used solely for hedging purposes and are not issued or held for speculative reasons.

The Company considers various qualitative factors, such as contract and market place attributes, in designating derivative instruments at inception. The Company may elect the NPNS exception, which requires the effects of the derivative to be recorded when the underlying contract settles. The Company accounts for derivative instruments that are not designated as NPNS as cash flow hedges or non-hedging derivatives, which are recorded as assets or liabilities on the balance sheets at fair value. In addition, if a derivative instrument is designated as a cash flow hedge, the Company documents the method of determining hedge effectiveness and measuring ineffectiveness. See Note 18 for additional information regarding derivative financial instruments and hedging activities.

The Company offsets fair value amounts recognized for derivative instruments under master netting arrangements, which include rights to reclaim cash collateral (a receivable), or the obligation to return cash collateral (a payable). The Company classifies cash flows from derivative instruments in the same category as the cash flows from the items being hedged.

Utility Plant

KCP&L's utility plant is stated at historical cost. These costs include taxes, an allowance for the cost of borrowed and equity funds used to finance construction and payroll-related costs, including pensions and other fringe benefits. Replacements, improvements and additions to units of property are capitalized. Repairs of property and replacements of items not considered to be units of property are expensed as incurred (except as discussed under Deferred Refueling Outage Costs and Accounting for Planned Major Maintenance). When property units are retired or otherwise disposed, the original cost, net of salvage, is charged to accumulated depreciation. Substantially all of KCP&L's utility plant is pledged as collateral for KCP&L's mortgage bonds under the General Mortgage Indenture and Deed of Trust dated December 1, 1986, as supplemented.

As prescribed by FERC, Allowance for Funds Used During Construction (AFUDC) is charged to the cost of the plant during construction. AFUDC equity funds are included as a non-cash item in non-operating income and AFUDC borrowed funds are a reduction of interest charges. The rates used to compute gross AFUDC are compounded semi-annually and averaged 7.6% in 2009 and 7.1% in 2008.

Utility plant includes production (23- to 60-year life), transmission (27- to 76-year life), distribution (8- to 75-year life) and general equipment (5- to 50-year life) and is recorded at original cost, net of accumulated depreciation.

Depreciation and Amortization

Depreciation and amortization of KCP&L's utility plant other than nuclear fuel is computed using the straight-line method over the estimated lives of depreciable property based on rates approved by state regulatory authorities. Annual depreciation rates average approximately 3%. Nuclear fuel is amortized to fuel expense based on the quantity of heat produced during the generation of electricity.

KCP&L's depreciation expense was \$158.4 million and \$145.4 million for 2009 and 2008, respectively. KCP&L's amortization expense includes \$58.2 million and \$47.4 million for 2009 and 2008, respectively, of additional amortization to help maintain cash flow levels pursuant to orders of the Public Service Commission of the State of

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Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

Missouri (MPSC) and The State Corporation Commission of the State of Kansas (KCC).

Nuclear Plant Decommissioning Costs

Nuclear plant decommissioning cost estimates are based on the immediate dismantlement method and include the costs of decontamination, dismantlement and site restoration. Based on these cost estimates, KCP&L contributes to a tax-qualified trust fund to be used to decommission Wolf Creek Generating Station (Wolf Creek). Related liabilities for decommissioning are included on KCP&L's balance sheet in Asset Retirement Obligations (AROs).

As a result of the authorized regulatory treatment and related regulatory accounting, differences between the decommissioning trust fund asset and the related ARO are recorded as a regulatory asset or liability. See Note 8 for discussion of AROs including those associated with nuclear plant decommissioning costs.

Deferred Refueling Outage Costs

KCP&L uses the deferral method to account for operations and maintenance expenses incurred in support of Wolf Creek's scheduled refueling outages and amortizes them evenly (monthly) over the unit's operating cycle of 18 months until the next scheduled outage. Replacement power costs during an outage are expensed as incurred.

Regulatory Matters

KCP&L defers items on the balance sheet resulting from the effects of the ratemaking process, which would not be recorded if KCP&L was not regulated. See Note 6 for additional information concerning regulatory matters.

Revenue Recognition

KCP&L recognizes revenues on sales of electricity when the service is provided. Revenues recorded include electric services provided but not yet billed by KCP&L. Unbilled revenues are recorded for kWh usage in the period following the customers' billing cycle to the end of the month. KCP&L's estimate is based on net system kWh usage less actual billed kWhs. KCP&L's estimated unbilled kWhs are allocated and priced by regulatory jurisdiction across the rate classes based on actual billing rates.

KCP&L collects from customers gross receipts taxes levied by state and local governments. These taxes from KCP&L's Missouri customers are recorded gross in operating revenues and general taxes on KCP&L's statement of income. KCP&L's gross receipts taxes collected from Missouri customers were \$46.8 million and \$45.9 million in 2009 and 2008, respectively. These taxes from KCP&L's Kansas customers are recorded net in operating revenues on KCP&L's statement of income.

KCP&L collects sales taxes from customers and remits to state and local governments. These taxes are presented on a net basis on KCP&L's statement of income.

KCP&L records sale and purchase activity on a net basis in wholesale revenue or purchased power when transacting with Regional Transmission Organization (RTO)/Independent System Operator (ISO) markets.

Allowance for Doubtful Accounts

This reserve represents estimated uncollectible accounts receivable and is based on management's judgment considering historical loss experience and the characteristics of existing accounts. Provisions for losses on receivables are expensed to maintain the allowance at a level considered adequate to cover expected losses. Receivables are charged off against the reserve when they are deemed uncollectible.

Property Gains and Losses

Net gains and losses from the sales of assets, businesses and asset impairments are recorded in operating expenses.

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Asset Impairments

Long-lived assets and finite lived intangible assets subject to amortization are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable. If the sum of the undiscounted expected future cash flows from an asset to be held and used is less than the carrying value of the asset, an asset impairment must be recognized in the financial statements. The amount of impairment recognized is the excess of the carrying value of the asset over its fair value.

Income Taxes

KCP&L has recognized deferred taxes for temporary book to tax differences using the liability method. The liability method requires that deferred tax balances be adjusted to reflect enacted tax rates that are anticipated to be in effect when the temporary differences reverse. Deferred tax assets are reduced by a valuation allowance when, in the opinion of management, it is more likely than not that some portion of the deferred tax assets will not be realized.

KCP&L recognizes tax benefits based on a “more-likely-than-not” recognition threshold. In addition, KCP&L recognizes interest accrued related to unrecognized tax benefits in interest expense and penalties in non-operating expenses.

Great Plains Energy and its subsidiaries, including KCP&L, file consolidated federal and combined and separate state income tax returns. Income taxes for consolidated or combined subsidiaries are allocated to the subsidiaries based on separate company computations of income or loss. KCP&L’s income tax provision includes taxes allocated based on its separate company income or loss.

KCP&L has established regulatory assets and liabilities for the additional future revenues to be collected from customers for deferred income taxes. Tax credits are recognized in the year generated except for certain KCP&L investment tax credits that have been deferred and amortized over the remaining service lives of the related properties.

Environmental Matters

Environmental costs are accrued when it is probable a liability has been incurred and the amount of the liability can be reasonably estimated.

2. GMO ACQUISITION

On July 14, 2008, Great Plains Energy closed its acquisition of GMO. The total purchase price of the acquisition was approximately \$1.7 billion. The fair value of the 32.2 million shares of Great Plains Energy common stock issued was approximately \$1.0 billion. Great Plains Energy paid approximately \$0.7 billion of cash consideration. Immediately prior to Great Plains Energy’s acquisition of GMO, Black Hills Corporation (Black Hills) acquired GMO’s electric utility assets in Colorado and its gas utility assets in Colorado, Kansas, Nebraska and Iowa. Following the closing of the acquisition, Great Plains Energy wholly owns GMO, including its Missouri-based utility operations consisting of the Missouri Public Service and St. Joseph Light & Power divisions.

The regulatory approval order from the MPSC was received on July 1, 2008. Certain parties filed appeals and a motion to stay the order with the Cole County, Missouri, Circuit Court, which affirmed the order in June 2009. This decision has been appealed. The order remains in effect unless reversed by the courts.

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 amortization. The Company settled its first post-transaction rate cases and the settlement agreements were silent with respect to 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 2010. At December 31, 2009, Great Plains Energy had \$51.5 million of regulatory assets related to transition costs, which included \$29.3 million at KCP&L

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and \$22.2 million at GMO.

3. SUPPLEMENTAL CASH FLOW INFORMATION

Other Operating Activities

	2009	2008
	(millions)	
Nuclear decommissioning expense	\$ 3.7	\$ 3.7
Deferred refueling outage costs	(7.1)	(5.9)
Pension and post-retirement benefit obligations	37.7	(5.3)
T-Lock settlement	(79.1)	(41.2)
Other deferred credits	25.3	0.3
Other	11.1	(5.8)
Total other operating activities	\$ (8.4)	\$ (54.2)
Cash paid during the period:		
Interest	\$ 77.2	\$ 63.0
Income taxes	\$ 29.9	\$ 23.5
Non-cash investing activities:		
Liabilities assumed for capital expenditures	\$ 75.5	\$ 90.8

Significant Non-Cash Items

In May 2008, KCP&L's Series 2008 Environmental Improvement Revenue Refunding (EIRR) bonds totaling \$23.4 million maturing in 2038 were issued. The proceeds were deposited with a trustee pending KCP&L's submission of qualifying expenses for reimbursement. At December 31, 2008, KCP&L had received \$13.4 million in cash proceeds and had a \$10.0 million short-term receivable for the proceeds that were deposited with the trustee.

In 2008, KCP&L recorded a \$12.6 million net increase in AROs, consisting of a \$14.2 million increase as a result of changes in cost estimates and timing used to compute the present value of asbestos AROs for KCP&L's generating stations, with a corresponding increase in net utility plant and a decrease of \$1.6 million resulting from an update to the cost estimates to decommission Wolf Creek, with a corresponding increase in regulatory liabilities. This activity had no impact on Great Plains Energy's or KCP&L's 2008 cash flows. See Note 8 for additional information.

4. RECEIVABLES

KCP&L's other receivables at December 31, 2009 and 2008, consisted primarily of receivables from partners 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. In accordance with GAAP for transfers and servicing of assets, the sales under these agreements qualify as a sale under which the creditors of Receivables Company are entitled to be satisfied out of the assets of Receivables Company prior to any value being returned to KCP&L or its creditors. See Note 22 for information regarding a new accounting standard for financial asset transfers effective January 1, 2010. Accounts receivable sold by Receivables Company to the outside investor under this revolving agreement totaled \$95.0 million and \$70.0 million at December 31, 2009 and 2008, respectively. 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

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market value. The agreement expires in July 2010 and it is expected to be renewed.

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

	KCP&L	Receivables Company
2009		
	(millions)	
Receivables (sold) purchased	\$ (1,172.4)	\$ 1,172.4
Gain (loss) on sale of accounts receivable	(14.8)	14.6
Servicing fees	2.0	(2.0)
Fees to outside investor	-	(1.2)

Cash flows during the period

Cash from customers transferred to Receivables Company	(1,167.6)	1,167.6
Cash paid to KCP&L for receivables purchased	1,153.0	(1,153.0)
Servicing fees	2.0	(2.0)
Interest on intercompany note	0.4	(0.4)

	KCP&L	Receivables Company
2008		
	(millions)	
Receivables (sold) purchased	\$ (1,147.3)	\$ 1,147.3
Gain (loss) on sale of accounts receivable	(14.5)	14.4
Servicing fees	1.7	(1.7)
Fees to outside investor	-	(2.6)

Cash flows during the period

Cash from customers transferred to Receivables Company	(1,142.1)	1,142.1
Cash paid to KCP&L for receivables purchased	1,127.8	(1,127.8)
Servicing fees	1.7	(1.7)
Interest on intercompany note	1.9	(1.9)

5. 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.

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 February 2010, the DOE announced its intent to withdraw its application 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. 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 15 for a related legal proceeding.

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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.

In late 2009, Wolf Creek 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 storage capacity on site for about four years generation of Classes B and C waste.

Nuclear Plant Decommissioning Costs

The MPSC and KCC require KCP&L and the other owners of Wolf Creek to submit an updated decommissioning cost study every three years and to propose funding levels. The most recent study was submitted to the MPSC and KCC in August 2008 and is the basis for the current cost of decommissioning estimates in the table below. KCC issued its order in August 2009 approving the 2008 decommissioning cost study, and funding levels will be addressed in KCP&L's current rate case, which was filed with KCC in December 2009. The MPSC does not explicitly approve or disapprove of the decommissioning cost study and issued its order approving the funding levels in May 2009.

	Total Station	KCP&L's 47% Share
	(millions)	
Current cost of decommissioning (in 2008 dollars)	\$ 594	\$ 279
Future cost of decommissioning (in 2045-2053 dollars) ^(a)	2,575	1,210
Annual escalation factor	3.73%	
Annual return on trust assets ^(b)	6.48%	

^(a) Total future cost over an eight year decommissioning period.

^(b) The 6.48% rate of return is through 2025. The rate then systematically decreases through 2053 to 2.82% based on the assumption that the fund's investment mix will become increasingly more conservative as the decommissioning period approaches.

Nuclear Decommissioning Trust Fund

KCP&L currently contributes approximately \$3.7 million annually to a tax-qualified trust fund to be used to decommission Wolf Creek. Amounts funded are charged to other operating expense and recovered in customers' rates. The funding level assumes a projected level of return on trust assets. If the actual return on trust assets is below the anticipated level, KCP&L could be responsible for the balance of funds required; however, while there can be no assurances, management believes a rate increase would be allowed to recover decommissioning costs over the remaining life of the unit.

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

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December 31	2009	2008
(millions)		
Decommissioning Trust		
Beginning balance	\$ 96.9	\$ 110.5
Contributions	3.7	3.7
Earned income, net of fees	2.8	3.3
Net realized gains/(losses)	(5.5)	(8.2)
Net unrealized gains/(losses)	14.6	(12.4)
Ending balance	\$ 112.5	\$ 96.9

The decommissioning trust is reported at fair value on the balance sheets and is invested in assets as detailed in the following table.

	December 31			
	2009		2008	
	Fair Value	Unrealized Gains/(Losses)	Fair Value	Unrealized Gains/(Losses)
(millions)				
Equity securities	\$ 44.5	\$ 8.2	\$ 34.6	\$ (5.3)
Debt securities	37.4	2.1	59.9	1.0
Other	30.6	-	2.4	-
Total	\$ 112.5	\$ 10.3	\$ 96.9	\$ (4.3)

The weighted average maturity of debt securities held by the trust at December 31, 2009, was approximately 4 years. The costs of securities sold are determined on the basis of specific identification. The following table summarizes the realized gains and losses from the sale of securities by the nuclear decommissioning trust fund.

	2009	2008
(millions)		
Realized Gains	\$ 2.8	\$ 2.7
Realized Losses	(8.3)	(10.9)

Nuclear Insurance

The owners of Wolf Creek (Owners) maintain nuclear insurance for Wolf Creek for nuclear liability, nuclear property and accidental outage. These policies contain certain industry standard exclusions, including, but not limited to, ordinary wear and tear, and war. The nuclear property insurance programs subscribed to by members of the nuclear power generating industry include industry aggregate limits for acts of terrorism and related losses, including replacement power costs. There is no industry aggregate limit for liability claims, regardless of the number of acts affecting Wolf Creek or any other nuclear energy liability policy or the number of policies in place. An industry aggregate limit of \$3.2 billion plus any reinsurance recoverable by Nuclear Electric Insurance Limited (NEIL), the Owners' insurance provider, exists for property claims, including accidental outage power costs for acts of terrorism affecting Wolf Creek or any other nuclear energy facility property policy within twelve months from the date of the first act. These limits plus any recoverable reinsurance are the maximum amount to be paid to members who sustain losses or damages from these types of terrorist acts. In addition, industry-wide retrospective assessment programs (discussed below) can apply once these insurance programs have been exhausted.

In the event of a catastrophic loss at Wolf Creek, the insurance coverage may not be adequate to cover property damage

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and extra expenses incurred. Uninsured losses, to the extent not recovered through rates, would be assumed by KCP&L and the other owners and could have a material adverse effect on KCP&L's results of operations, financial position and cash flows.

Nuclear Liability Insurance

Pursuant to the Price-Anderson Act, which was reauthorized through December 31, 2025, by the Energy Policy Act of 2005, the Owners are required to insure against public liability claims resulting from nuclear incidents to the full limit of public liability, which is currently \$12.5 billion. This limit of liability consists of the maximum available commercial insurance of \$0.3 billion and the remaining \$12.2 billion is provided through an industry-wide retrospective assessment program mandated by law, known as the Secondary Financial Protection (SFP) program. Under the SFP program, the Owners can be assessed up to \$117.5 million (\$55.2 million, KCP&L's 47% share) per incident at any commercial reactor in the country, payable at no more than \$17.5 million (\$8.2 million, KCP&L's 47% share) per incident per year. This assessment is subject to an inflation adjustment based on the Consumer Price Index and applicable premium taxes. In addition, the U.S. Congress could impose additional revenue-raising measures to pay claims.

Nuclear Property Insurance

The Owners carry decontamination liability, premature decommissioning liability and property damage insurance from NEIL for Wolf Creek totaling approximately \$2.8 billion (\$1.3 billion, KCP&L's 47% share). In the event of an accident, insurance proceeds must first be used for reactor stabilization and site decontamination in accordance with a plan mandated by the NRC. KCP&L's share of any remaining proceeds can be used for further decontamination, property damage restoration and premature decommissioning costs. Premature decommissioning coverage applies only if an accident at Wolf Creek exceeds \$500 million in property damage and decontamination expenses, and only after trust funds have been exhausted.

Accidental Nuclear Outage Insurance

The Owners also carry additional insurance from NEIL to cover costs of replacement power and other extra expenses incurred in the event of a prolonged outage resulting from accidental property damage at Wolf Creek.

Under all NEIL policies, the Owners are subject to retrospective assessments if NEIL losses, for each policy year, exceed the accumulated funds available to the insurer under that policy. The estimated maximum amount of retrospective assessments under the current policies could total approximately \$25.2 million (\$11.9 million, KCP&L's 47% share) per policy year.

6. REGULATORY MATTERS

Regulatory Proceedings

The following table summarizes recent requests for retail rate increases with KCC and the MPSC.

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Rate Jurisdiction	File Date	Effective Date	Amount Requested	Amount Approved
			(millions)	
KCP&L - Kansas ^(a)	9/5/2008	8/1/2009	\$ 71.6	\$ 59.0
KCP&L - Missouri ^(b)	9/5/2008	9/1/2009	101.5	95.0
KCP&L - Kansas ^(c)	12/17/2009	(c)	55.2	(c)

^(a) \$18 million of the amount approved is treated for accounting purposes as additional amortization. Parties may challenge the prudence of the Iatan Unit No. 1 environmental project and the costs of facilities used in common by Iatan Units No. 1 and No. 2 in KCP&L's next rate case, but the Kansas jurisdictional portion of any proposed rate base prudence disallowances will not exceed (i) \$4.7 million for costs paid or approved for payment as of April 30, 2009, and in-service as of July 4, 2009, and (ii) \$2.8 million for the first \$56 million of costs not paid or approved for payment as of April 30, 2009. There is no cap as to the amount of disallowances that may be proposed for costs above this \$56 million amount.

^(b) \$10 million of the amount approved is treated for accounting purposes as additional amortization. Parties may challenge the prudence of the Iatan Unit No. 1 environmental project and the cost of facilities used in common by Iatan Units No. 1 and No. 2 in KCP&L's next rate case, but the Missouri jurisdictional portion of any proposed rate base prudence disallowances will not exceed \$30 million in aggregate.

^(c) The request includes 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 in the fourth quarter of 2010.

KCP&L's Comprehensive Energy Plan and Collaboration Agreement

In 2009, KCP&L completed the Iatan No. 1 environmental project and certain Iatan common facilities. KCP&L continues to make progress on the construction of Iatan No. 2 and is entering the start-up phase of the project. The start-up of any power plant this size, which uses advanced generation technology, is a very complex and difficult process. It involves a high degree of interaction and coordination from major vendors as well as internal construction and operational teams. In January 2010, KCP&L announced that the expected in-service date of Iatan No. 2 would be delayed about two months to the fall of 2010. At the same time, KCP&L announced that it was commencing a cost and schedule reforecast for the Iatan No. 2 project, with completion expected by the end of the first quarter of 2010. KCP&L's current cost estimate for its 55% share of Iatan No. 2, exclusive of AFUDC, based upon the last cost and schedule reforecast completed in the second quarter of 2009, is a range of \$868 million - \$904 million.

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 CO₂ 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 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 CO₂ emissions. KCP&L also agreed to offset an additional 711,000 tons of CO₂ 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,

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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. In 2009, KCP&L purchased thirty-two turbines for a purchase price of approximately \$68 million, plus approximately \$17 million for various third party development and assignment costs. 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 purchased in 2009 will be utilized in one of the projects under proposal. KCP&L is evaluating the proposals and anticipates securing the rights to 100MWs of wind resources 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.

Regulatory Assets and Liabilities

KCP&L has recorded assets and liabilities on its balance sheet resulting from the effects of the ratemaking process, which would not otherwise be recorded if KCP&L was not regulated. Regulatory assets represent incurred costs that are probable of recovery from future revenues. Regulatory liabilities represent: amounts imposed by rate actions of regulators that may require refunds to customers; amounts provided in current rates that are intended to recover costs that are expected to be incurred in the future for which the companies remain accountable; or a gain or other reduction of allowable costs to be given to customers over future periods. Future recovery of regulatory assets is not assured, but is generally subject to review by regulators in rate proceedings for matters such as prudence and reasonableness. Future reductions in revenue or refunds for regulatory liabilities generally are not mandated, pending future rate proceedings or actions by the regulators.

Management regularly assesses whether regulatory assets and liabilities are probable of future recovery or refund by considering factors such as decisions by the MPSC, KCC or FERC on rate case filings; decisions in other regulatory proceedings, including decisions related to other companies that establish precedent on matters applicable to KCP&L; and changes in laws and regulations. If recovery or refund of regulatory assets or liabilities is not approved by regulators or is no longer deemed probable, these regulatory assets or liabilities are recognized in the current period results of operations. KCP&L's continued ability to meet the criteria for recording regulatory assets and liabilities may be affected in the future by restructuring and deregulation in the electric industry. In the event that the criteria no longer applied to a deregulated portion of KPC&L's operations, the related regulatory assets and liabilities would be written off unless an appropriate regulatory recovery mechanism is provided. Additionally, these factors could result in an impairment on utility plant assets.

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

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	December 31	
	2009	2008
Regulatory Assets	(millions)	
Taxes recoverable through future rates	\$ 201.4	\$ 172.0
Asset retirement obligations	23.8	21.1
Pension settlements	13.5 (a)	18.0
Pension and post-retirement costs	395.0 (b)	417.6
Deferred customer programs	35.6 (c)	22.6
Rate case expenses	7.4 (d)	2.9
Skill set realignment costs	6.1 (e)	7.5
Under-recovery of energy costs	0.7 (d)	1.6
Acquisition transition costs	29.3 (f)	25.5
Other	9.8 (g)	5.4
Total	\$ 722.6	\$ 694.2
Regulatory Liabilities		
Taxes refundable through future rates	\$ 123.8	\$ 100.4
Emission allowances	86.2	86.5
Asset retirement obligations	33.4	22.7
Other	7.3	6.6
Total	\$ 250.7	\$ 216.2

- (a) \$7.4 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) \$13.1 million not included in rate base and amortized over various periods.
- (d) Not included in rate base and amortized over various periods.
- (e) \$3.2 million not included in rate base and amortized through 2017.
- (f) Not included in rate base.
- (g) Certain insignificant items are not included in rate base and amortized over various periods.

7. INTANGIBLE ASSETS

KCP&L's electric utility plant on the balance sheets included intangible computer software of \$147.0 million and \$136.7 million at December 31, 2009 and 2008, respectively. Accumulated amortization related to this computer software was \$106.3 million and \$95.4 million at December 31, 2009 and 2008, respectively.

8. ASSET RETIREMENT OBLIGATIONS

Asset retirement obligations associated with tangible long-lived assets are those for which a legal obligation exists under enacted laws, statutes and written or oral contracts, including obligations arising under the doctrine of promissory estoppel. These liabilities are recognized at estimated fair value as incurred and capitalized as part of the cost of the related long-lived assets and depreciated over their useful lives. Accretion of the liabilities due to the passage of time is recorded to a regulatory asset and/or liability. Changes in the estimated fair values of the liabilities are recognized when known.

In 2008, KCP&L recorded a \$1.6 million reduction to its ARO to decommission Wolf Creek, which reflects a 2008 update to the decommissioning study cost estimates.

Asbestos abatement activity has occurred on certain generating units at KCP&L's Hawthorn Station resulting in a

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revision in timing used to compute the original present value of the asbestos ARO. Management was able to perform an analysis to update prior cost estimates determining an increase in comparison to previous estimates used in computing the original asbestos ARO. As a result of the increased costs experienced in the project at KCP&L's Hawthorn station, management updated prior cost estimates for KCP&L's Montrose and LaCygne Stations, determining an increase in comparison to previous estimates. As a result of these changes, KCP&L recorded a \$14.2 million increase in the ARO for asbestos abatement with a corresponding increase in asset retirement costs in 2008.

In addition, management has identified an additional asbestos ARO. The wiring used in generating stations includes asbestos insulation, which would require special handling if disturbed. Due to the inability to reasonably estimate the quantities or the amount of disturbance that will be necessary during dismantlement at the end of the life of a plant, a fair value of the obligation cannot be reasonably estimated at this time. Management will continue to monitor the obligation and will recognize a liability in the period in which sufficient information becomes available to reasonably estimate its fair value.

KCP&L also has AROs related to decommissioning and site remediation of its Spearville Wind Energy Facility and for removal of storage tanks, an ash pond and landfill.

The following table summarizes the change in KCP&L's AROs.

December 31	2009	2008
	(millions)	
Beginning balance	\$ 111.9	\$ 94.5
Additions	0.6	1.4
Revision in timing and/or estimates	-	12.6
Settlements	-	(3.2)
Accretion	7.3	6.6
Ending balance	\$ 119.8	\$ 111.9

9. PENSION PLANS, OTHER EMPLOYEE BENEFITS AND SKILL SET REALIGNMENT COSTS

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. 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 WCNOC. 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 pension benefits tables provide information relating to the funded status of all Great Plains Energy's defined benefit pension plans on an aggregate basis as well as Great Plains Energy's components of net periodic benefit

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costs. For financial reporting purposes, the market value of plan assets is the fair value. KCP&L uses a five-year smoothing of assets to determine fair value for regulatory reporting purposes. As a result of the GMO acquisition on July 14, 2008, Great Plains Energy's 2008 pension and post-retirement expenses under GAAP increased \$2.4 million and \$1.1 million, respectively. The underfunded status of the pension and other post-retirement benefit plans transferred at the date of acquisition was \$48.9 million. Net periodic benefit costs reflect total plan benefit costs prior to the effects of capitalization and sharing with joint-owners of power plants.

	Pension Benefits		Other Benefits	
	2009	2008	2009	2008
Change in projected benefit obligation (PBO)	(millions)			
PBO at beginning of year	\$ 772.5	\$ 512.9	\$ 135.4	\$ 73.7
Service cost	29.1	20.8	4.1	1.7
Interest cost	47.3	37.6	8.3	5.7
Contribution by participants	-	-	5.3	3.0
Amendments	5.7	-	3.4	18.7
Actuarial loss	33.1	42.9	3.9	1.2
Benefits paid	(49.3)	(37.1)	(11.5)	(7.0)
Early measurement adjustment	-	1.0	-	0.3
GMO acquisition	-	194.4	-	38.1
Settlements	(2.1)	-	-	-
PBO at end of plan year	\$ 836.3	\$ 772.5	\$ 148.9	\$ 135.4
Change in plan assets				
Fair value of plan assets at beginning of year	\$ 418.7	\$ 400.1	\$ 38.9	\$ 14.0
Actual return on plan assets	75.1	(145.6)	0.7	(3.8)
Contributions by employer and participants	42.1	28.7	22.0	11.0
Benefits paid	(47.7)	(36.6)	(9.6)	(5.7)
Early measurement adjustment	-	4.0	-	7.9
GMO acquisition	-	168.1	-	15.5
Fair value of plan assets at end of plan year	\$ 488.2	\$ 418.7	\$ 52.0	\$ 38.9
Funded status at end of year	\$ (348.1)	\$ (353.8)	\$ (96.9)	\$ (96.5)
Amounts recognized in the consolidated balance sheets				
Current pension and other post-retirement liability	\$ (3.7)	\$ (3.9)	\$ (0.9)	\$ (0.8)
Noncurrent pension liability and other post-retirement liability	(344.4)	(349.9)	(96.0)	(95.7)
Net amount recognized before regulatory treatment	(348.1)	(353.8)	(96.9)	(96.5)
Accumulated OCI or regulatory asset/liability	386.2	420.2	74.0	59.1
Net amount recognized at December 31	\$ 38.1	\$ 66.4	\$ (22.9)	\$ (37.4)
Amounts in accumulated OCI or regulatory asset/liability not yet recognized as a component of net periodic cost:				
Actuarial loss	\$ 227.8	\$ 273.3	\$ 19.3	\$ 19.1
Prior service cost	19.4	17.9	51.3	33.4
Transition obligation	0.1	0.2	4.3	4.4
Other	138.9	128.8	(0.9)	2.2
Net amount recognized at December 31	\$ 386.2	\$ 420.2	\$ 74.0	\$ 59.1

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	Pension Benefits		Other Benefits	
	2009	2008	2009	2008
Components of net periodic benefit costs	(millions)			
Service cost	\$ 29.1	\$ 20.8	\$ 4.1	\$ 1.7
Interest cost	47.3	37.6	8.3	5.7
Expected return on plan assets	(32.4)	(38.6)	(1.6)	(1.0)
Prior service cost	4.2	4.2	6.9	2.7
Recognized net actuarial (gain) loss	36.3	32.3	(0.4)	0.6
Transition obligation	0.1	0.1	1.3	1.2
Special termination benefits	-	-	-	-
Settlement charges	0.1	-	-	-
Net periodic benefit costs before regulatory adjustment	84.7	56.4	18.6	10.9
Regulatory adjustment	(28.4)	(3.5)	(0.3)	-
Net periodic benefit costs	56.3	52.9	18.3	10.9
Other changes in plan assets and benefit obligations recognized in OCI or regulatory assets/liabilities^(a)				
Current year net (gain) loss	(9.2)	227.1	(0.2)	6.0
Amortization of gain (loss)	(36.3)	(39.9)	0.4	(0.7)
Prior service cost (credit)	5.7	-	24.8	18.7
Amortization of prior service cost	(4.2)	(5.2)	(6.9)	(3.4)
Transition obligation	-	-	1.2	-
Amortization of transition obligation	(0.1)	-	(1.3)	(1.4)
Other regulatory activity	10.1	52.8	(3.1)	2.1
Total recognized in OCI or regulatory asset/liability	(34.0)	234.8	14.9	21.3
Total recognized in net periodic benefit costs and OCI or regulatory asset/liability	\$ 22.3	\$ 287.7	\$ 33.2	\$ 32.2

^(a) 2008 includes the effect of the remeasurement adjustment

For financial reporting purposes, the estimated prior service cost, net loss and transition costs for the defined benefit plans that will be amortized from accumulated OCI or a regulatory asset into net periodic benefit cost in 2010 for Great Plains Energy are \$4.6 million, \$37.4 million and \$0.1 million, respectively. For financial reporting purposes, net actuarial gains and losses are recognized on a rolling five-year average basis. For regulatory reporting purposes, net actuarial gains and losses are amortized over ten years. The estimated prior service cost, net gain and transition costs for the other post-retirement benefit plans that will be amortized from accumulated OCI or a regulatory asset into net periodic benefit cost in 2010 for Great Plains Energy are \$7.2 million, \$0.1 million and \$1.3 million, respectively.

The accumulated benefit obligation (ABO) for all of Great Plains Energy's defined benefit pension plans was \$741.4 million and \$675.7 million at December 31, 2009 and 2008, respectively. The PBO, ABO and the fair value of plan assets at plan year-end are aggregated by funded and under funded plans in the following table.

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	2009	2008
Pension plans with the ABO in excess of plan assets	(millions)	
Projected benefit obligation	\$ 836.3	\$ 772.5
Accumulated benefit obligation	741.4	675.7
Fair value of plan assets	488.2	418.7
Pension plans with plan assets in excess of the ABO		
Projected benefit obligation	\$ -	\$ -
Accumulated benefit obligation	-	-
Fair value of plan assets	-	-

The expected long-term rate of return on plan assets represents Great Plains Energy's estimate of the long-term return on plan assets and is based on historical and projected rates of return for current and planned asset classes in the plans' investment portfolios. Assumed projected rates of return for each asset class were selected after analyzing historical experience and future expectations of the returns of various asset classes. Based on the target asset allocation for each asset class, the overall expected rate of return for the portfolios was developed and adjusted for the effect of projected benefits paid from plan assets and future plan contributions. The following tables provide the weighted-average assumptions used to determine benefit obligations and net costs.

Weighted average assumptions used to determine the benefit obligation at plan year-end	Pension Benefits		Other Benefits	
	2009	2008	2009	2008
Discount rate	5.92%	6.11%	5.87%	6.10%
Rate of compensation increase	4.26%	4.27%	4.25%	4.25%

Weighted average assumptions used to determine net costs for years ended at December 31	Pension Benefits		Other Benefits	
	2009	2008	2009	2008
Discount rate	6.11%	6.23%	6.10%	6.23%
Expected long-term return on plan assets	8.00%	8.25%	4.00% *	4.00% *
Rate of compensation increase	4.27%	4.22%	4.25%	4.25%

* after tax

Great Plains Energy expects to contribute \$53.6 million to the pension plans in 2010 to meet the Employee Retirement Income Security Act of 1974, as amended (ERISA) funding requirements and regulatory orders, the majority of which is expected to be paid by KCP&L. Great Plains Energy's funding policy is to contribute amounts sufficient to meet the ERISA minimum funding requirements and MPSC and KCC rate orders plus additional amounts as considered appropriate; therefore, actual contributions may differ from expected contributions. Great Plains Energy also expects to contribute \$18.0 million to other post-retirement benefit plans in 2010, the majority of which is expected to be paid by KCP&L.

The following benefit payments, which reflect expected future service, as appropriate, are expected to be paid through 2019.

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	Pension Benefits	Other Benefits
	(millions)	
2010	\$ 70.7	\$ 15.2
2011	58.6	17.0
2012	64.8	18.7
2013	61.6	20.7
2014	63.6	22.7
2015-2019	346.9	143.4

Pension plan assets are managed in accordance with “prudent investor” guidelines contained in the ERISA requirements. The investment strategy supports the objective of the fund, which is to earn the highest possible return on plan assets within a reasonable and prudent level of risk. The portfolios are invested, and periodically rebalanced, to achieve targeted allocations of approximately 35% U.S. large cap and small cap equity securities, 20% international equity securities, 32% fixed income securities, 7% real estate and 6% commodities. Fixed income securities include domestic and foreign corporate bonds, collateralized mortgage obligations and asset-backed securities, U.S. government agency, state and local obligations, U.S. treasury notes and money market funds.

The fair values of Great Plains Energy’s pension plan assets at December 31, 2009, by asset category are in the following table.

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Description	December 31 2009	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)
		(millions)		
Pension Plans				
Equity securities				
U.S. ^(a)	\$ 188.8	\$ 102.9	\$ 85.9	\$ -
International ^(b)	75.2	18.4	56.8	-
Limited partnerships	0.1	-	-	0.1
Real estate ^(c)	26.8	-	-	26.8
Commodities ^(d)	17.6	-	17.6	-
Fixed income securities				
Fixed income funds ^(e)	117.9	3.0	114.9	-
U.S. Treasury notes	1.3	1.3	-	-
U.S. Agency, state and local obligations	18.7	-	18.7	-
U.S. corporate bonds ^(f)	25.5	0.9	24.6	-
Foreign corporate bonds	1.2	-	1.2	-
Hedge fund	2.4	-	-	2.4
Total	\$ 475.5	\$ 126.5	\$ 319.7	\$ 29.3
Cash equivalents - money market funds	12.7			
Total Pension Plans	\$ 488.2			

^(a) This category is comprised of \$102.9 million of traded mutual funds valued at daily listed prices and \$85.9 million of institutional common/collective trust funds valued at daily Net Asset Values (NAV) per share.

^(b) This category is comprised of \$18.4 million of traded mutual funds valued at daily listed prices and \$56.8 million of institutional common/collective trust funds valued at daily NAV per share.

^(c) This category is comprised of institutional common/collective trust funds and a limited partnership valued at NAV on a quarterly basis.

^(d) This category is comprised of institutional common/collective trust funds valued at daily NAV per share.

^(e) This category is comprised of \$3.0 million of traded mutual funds valued at daily listed prices and \$114.9 million of institutional common/collective trust funds valued at daily NAV per share.

^(f) This category is comprised of \$13.0 million of corporate bonds, \$9.3 million of collateralized mortgage obligations and \$3.2 million of other asset-backed securities.

The following table reconciles the beginning and ending balances for all of Great Plains Energy's level 3 pension plan assets measured at fair value on a recurring basis for 2009.

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Fair Value Measurements Using Significant Unobservable Inputs (Level 3)

Description	Real Estate	Hedge Fund	Limited Partnerships	Total
	(millions)			
Balance January 1, 2009	\$ 36.9	\$ 6.6	\$ 0.5	\$ 44.0
Actual return on plan assets				
Relating to assets still held	(10.2)	0.1	0.2	(9.9)
Relating to assets sold	0.1	(1.3)	-	(1.2)
Purchase, issuances, and settlements	-	(3.0)	(0.6)	(3.6)
Transfers in and/or out of Level 3	-	-	-	-
Balance December 31, 2009	\$ 26.8	\$ 2.4	\$ 0.1	\$ 29.3

Other post-retirement plan assets are also managed in accordance with “prudent investor” guidelines contained in the ERISA requirements. The investment strategy supports the objective of the funds, which is to preserve capital, maintain sufficient liquidity and earn a consistent rate of return. Other post-retirement plan assets are invested entirely in fixed income securities which may include domestic corporate bonds, collateralized mortgage obligations and asset-backed securities, U.S. government agency, state and local obligations, U.S. Treasury notes and money market funds.

The fair values of Great Plains Energy’s other post-retirement plan assets at December 31, 2009, by asset category are in the following table.

Description	December 31 2009	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)
		(millions)		
Other Post-Retirement Benefit Plans				
Fixed income				
U.S. Treasury	\$ 0.8	\$ 0.8	\$ -	\$ -
U.S. Agency	0.6	-	0.6	-
Corporate bonds	1.0	-	1.0	-
Mutual funds	0.1	0.1	-	-
Total	\$ 2.5	\$ 0.9	\$ 1.6	\$ -
Cash and cash equivalents - money market funds	49.5			
Total Other Post-Retirement Benefit Plans	\$ 52.0			

Assumed health care cost trend rates have a significant effect on the amounts reported for the health care plans. The cost trend assumed for 2009 was 7.5% and is 8% for 2010, with the rate declining through 2018 to the ultimate cost trend rate of 5%. The health care plan requires retirees to make monthly contributions on behalf of themselves and their dependents in an amount determined by Great Plains Energy.

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The effects of a one-percentage point change in the assumed health care cost trend rates, holding all other assumptions constant, at December 31, 2009, are detailed in the following table. The results reflect the increase in the Medicare Part D employer subsidy which is assumed to increase with the medical trend and employer caps on post-65 plans.

	Increase	Decrease
	(millions)	
Effect on total service and interest component	\$ 0.3	\$ (0.3)
Effect on post-retirement benefit obligation	0.8	(0.9)

Employee Savings Plans

Great Plains Energy has defined contribution savings plans (401(k)) that cover substantially all employees. Great Plains Energy matches employee contributions, subject to limits. KCP&L's annual cost of the plans was approximately \$6.5 million and \$5.8 million in 2009 and 2008, respectively.

Skill Set Realignment Deferral

In 2007, KCP&L received authorization from the MPSC and KCC to defer \$8.9 million in regulatory assets for costs originally expensed in 2006 related to a workforce realignment process and amortize them over five years for the Missouri jurisdictional portion and ten years for the Kansas jurisdictional portion effective with new rates on January 1, 2008. Amortization of \$1.4 million in both 2009 and 2008, respectively, was recorded to utility operating and maintenance expense on KCP&L's income statements.

10. EQUITY COMPENSATION

KCP&L does not have an equity compensation 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. The maximum number of shares of Great Plains Energy common stock that can be issued under the plan is 5.0 million. Common stock shares delivered by Great Plains Energy under the Long-Term Incentive Plan may be authorized but unissued, held in the treasury or purchased on the open market (including private purchases) in accordance with applicable securities laws. Great Plains Energy has a policy of delivering newly issued shares, or shares surrendered by Long-Term Incentive Plan participants on account of withholding taxes and held in treasury, or both, and does not expect to repurchase common shares during 2010, to satisfy performance share payments, stock option exercises and director deferred share unit conversion. 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.

	2009	2008
	(millions)	
Compensation expense	\$ 4.3	\$ 5.5
Income tax benefits	0.8	2.0

Amendment to Performance Shares

In May 2009, the independent members of the Board approved amendments to certain outstanding performance share agreements (Original Agreements) for the 2007-2009 and 2008-2010 performance periods. The Original Agreements, as so amended, are referred to as the Amended Agreements. Due to changes in economic and financial market conditions

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since the Original Agreements were entered into, the Compensation and Development Committee (Committee) and Board determined that the Original Agreements no longer provided meaningful incentives.

The Original Agreements granted performance shares based on a single performance metric – Great Plains Energy’s total shareholder return (TSR) as compared to the Edison Electric Institute TSR index for electric utility companies over the relevant performance periods. The Amended Agreements provide for a combination of performance shares and time-based restricted stock. In calculating the number of performance shares and restricted stock under the Amended Agreements, the value of the performance shares granted under the Original Agreements (determined as of the date of the original awards) was first reduced by two-thirds (for the 2007-2009 performance awards) and one-third (for the 2008-2010 performance awards). The resulting amounts were then divided by the fair market value (as defined in the Long-Term Incentive Plan) of Great Plains Energy stock on the amendment date to arrive at a number of shares, which was then divided equally between performance shares and restricted stock. The two equally weighted performance share award metrics under the Amended Agreements are funds from operations as a percentage of total adjusted debt and EPS, with the number of shares of common stock ultimately issued varying depending on Great Plains Energy’s performance over stated performance periods.

The performance shares under the Amended Agreements will be re-measured at fair value each reporting period, with compensation cost to be recorded at the greater of the grant-date fair value of the Original Agreements or the fair value of the Amended Agreements for the portion for which the requisite service has been rendered. The amendment resulted in an insignificant amount of incremental compensation cost for Great Plains Energy and KCP&L.

Performance Shares

The payment of performance shares is contingent upon achievement of specific performance goals over a stated period of time as approved by the Compensation and Development Committee of Great Plains Energy’s Board of Directors. The number of performance shares ultimately paid can vary from the number of shares initially granted depending on Great Plains Energy’s performance over stated performance periods and Great Plains Energy’s stock price at the end of the performance period as compared to the stock price on the grant date. Compensation expense for performance shares issued subsequent to the amendment discussed above is calculated by taking the change in fair value between reporting periods for the portion for which the requisite service has been rendered. Dividends are accrued over the vesting period and paid in cash based on the number of performance shares ultimately paid.

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 the most recent valuation, inputs for expected volatility, dividend yield and risk-free rates ranged from 29.97% to 36.48%, 4.64%, and 0.40% to 0.95%, respectively.

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Performance share activity for 2009 is summarized in the following table. 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 over stated performance periods.

	Performance Shares	Grant Date Fair Value*
Beginning balance	314,511	\$ 28.47
Performance adjustment	(88,056)	
Granted	196,431	15.04
Amendment effect	(101,589)	24.23
Forfeited	(26,656)	22.05
Ending balance	294,641	13.62

* weighted-average

At December 31, 2009, the remaining weighted-average contractual term was 1.5 years. The weighted-average grant-date fair value of shares granted was \$15.04 and \$26.22 in 2009 and 2008, respectively. At December 31, 2009, there was \$3.4 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. There were no shares of common stock issued related to performance shares during 2009. The total fair value of shares of common stock issued related to performance shares was \$0.8 million during 2008.

Restricted Stock

Restricted stock cannot be sold or otherwise transferred by the recipient prior to vesting and has a value equal to the fair market value of the shares on the issue date. Restricted stock shares vest over a stated period of time with accruing reinvested dividends subject to the same restrictions. Compensation expense, calculated by multiplying shares by the grant-date fair value related to restricted stock, is recognized over the stated vesting period. Restricted stock activity for 2009 is summarized in the following table.

	Nonvested Restricted stock	Grant Date Fair Value*
Beginning balance	458,796	\$ 30.54
Amendment effect	106,443	14.35
Granted and issued	268,651	14.36
Vested	(177,990)	30.41
Forfeited	(43,313)	26.51
Ending balance	612,587	20.24

* weighted-average

At December 31, 2009, the remaining weighted-average contractual term was 1.1 years. The weighted-average grant-date fair value of shares granted was \$14.36 and \$26.04 during 2009 and 2008, respectively. At December 31, 2009, there was \$2.3 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 was \$5.4 million and \$1.4 million in 2009 and 2008, respectively.

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Director Deferred Share Units

Non-employee directors receive shares of Great Plains Energy's common stock as part of their annual retainer. Each director may elect to defer receipt of their shares until the end of January in the year after they leave the Board. Director Deferred Share Units have a value equal to the market value of Great Plains Energy's common stock on the grant date with accruing dividends. Compensation expense, calculated by multiplying the director deferred share units by the related grant-date fair value, is recognized at the grant date. The total fair value of shares of Director Deferred Share Units issued was insignificant for 2009 and 2008. Director Deferred Share Units activity for 2009 is summarized in the following table.

	Share Units	Grant Date Fair Value*
Beginning balance	7,588	\$ 27.94
Issued	13,855	19.30
Ending balance	21,443	22.36

* weighted-average

11. 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 December 31, 2009, KCP&L was in compliance with this covenant. 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. At December 31, 2008, KCP&L had \$380.2 million of commercial paper outstanding, at a weighted-average interest rate of 5.34%, \$11.9 million of letters of credit outstanding and no outstanding cash borrowings under the facility.

12. LONG-TERM DEBT

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

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		December 31	
	Year Due	2009	2008
(millions)			
General Mortgage Bonds			
4.90% * EIRR bonds	2012-2035	\$ 158.8	\$ 158.8
7.15% Series 2009A (8.59% rate**)	2019	400.0	-
4.65% EIRR Series 2005	2035	50.0	-
5.125% EIRR Series 2007A-1	2035	63.3	-
5.00% EIRR Series 2007A-2	2035	10.0	-
5.375% EIRR Series 2007B	2035	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			
4.65% Series 2005		-	50.0
5.125% Series 2007A-1		-	63.3
5.00% Series 2007A-2		-	10.0
5.375% Series 2007B		-	73.2
4.90% Series 2008	2038	23.4	23.4
Other	2010-2018	3.5	-
Unamortized discount		(2.1)	(1.8)
Total		\$ 1,780.1	\$ 1,376.9

* Weighted-average interest rates at December 31, 2009.

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

Amortization of Debt Expense

The Company's amortization of debt expense was \$2.0 million and \$1.6 million at December 31, 2009 and 2008, respectively.

KCP&L General Mortgage Bonds and EIRR Bonds

KCP&L has issued mortgage bonds under the General Mortgage Indenture and Deed of Trust dated December 1, 1986, as supplemented. The Indenture creates a mortgage lien on substantially all of KCP&L's utility plant. Mortgage bonds totaling \$755.3 million and \$158.8 million were outstanding at December 31, 2009 and 2008, respectively.

In connection with the issuance in March 2009 of KCP&L's \$400.0 million 7.15% Mortgage Bonds Series 2009A, KCP&L concurrently issued \$50.0 million of Mortgage Bonds Series 2005 EIRR Insurer due 2035 (2005 Insurer Bonds) to Syncora Guarantee Inc. (Syncora) and \$146.5 million of Mortgage Bonds Series 2007 EIRR Insurer due 2035 (2007 Insurer Bonds) to Financial Guaranty Insurance Company (FGIC), as required under the applicable insurance agreements described below. The 2005 and 2007 Insurer Bonds are not incremental debt for KCP&L, but collateralize Syncora's and FGIC's claims on KCP&L if Syncora or FGIC were required to meet their obligations under the insurance agreements.

KCP&L Municipal Bond Insurance Policies

KCP&L's EIRR Bonds Series 2007A-1, 2007A-2 and 2007B totaling \$146.5 million are covered by a municipal bond insurance policy issued by FGIC. The insurance agreement between KCP&L and FGIC provides for reimbursement by KCP&L for any amounts that FGIC pays under the municipal bond insurance policy. The insurance policy is in effect for the term of the bonds. The policy also restricts the amount of secured debt KCP&L may issue. Because KCP&L issued debt secured by liens not permitted by the agreement or resulting in the aggregate amount of outstanding general mortgage bonds exceeding 10% of total capitalization, KCP&L was required to issue and deliver collateral to FGIC, in the form of first mortgage bonds, equal in principal amount to the principal amount of the EIRR Bonds Series 2007A-1,

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2007A-2 and 2007B then outstanding.

KCP&L's secured 1992 Series EIRR bonds totaling \$31.0 million, secured Series 1993A and 1993B EIRR bonds totaling \$79.5 million, and secured and unsecured EIRR Bonds Series 2005 totaling \$35.9 million and \$50.0 million, respectively, are covered by a municipal bond insurance policy between KCP&L and Syncora. The insurance agreements between KCP&L and Syncora provide for reimbursement by KCP&L for any amounts that Syncora pays under the municipal bond insurance policies. The insurance policies are in effect for the term of the bonds. The insurance agreements contain a covenant that the indebtedness to total capitalization ratio of KCP&L and its consolidated subsidiaries will not be greater than 0.68 to 1.00. At December 31, 2009, KCP&L was in compliance with this covenant. KCP&L is also restricted from issuing additional bonds under its General Mortgage Indenture if, after giving effect to such additional bonds, the proportion of secured debt to total indebtedness would be more than 75%, or more than 50% if the long term rating for such bonds by Standard & Poor's or Moody's Investors Service would be at or below A- or A3, respectively. The insurance agreement covering the unsecured EIRR Bond Series 2005 also required KCP&L to provide collateral to Syncora in the form of \$50.0 million of general mortgage bonds for KCP&L's obligations under the insurance agreement as a result of KCP&L issuing general mortgage bonds (other than refunding of outstanding general mortgage bonds) resulting in the aggregate amount of outstanding general mortgage bonds exceeding 10% of total capitalization. In the event of a default under the insurance agreements, Syncora may take any available legal or equitable action against KCP&L, including seeking specific performance of the covenants.

Scheduled Maturities

The Company's long-term debt maturities for the next five years are \$0.2 million in 2010, \$150.3 million in 2011, \$12.7 million in 2012 and \$0.4 million in each of 2013 and 2014.

13. COMMON SHAREHOLDERS' EQUITY

Certain conditions in the MPSC and KCC orders authorizing the Great Plains Energy holding company structure require KCP&L to maintain consolidated common equity of at least 35% of total capitalization (including only the amount of short-term debt in excess of the amount of construction work in progress). Under the Federal Power Act, KCP&L generally can pay dividends only out of retained earnings. The revolving credit agreement of KCP&L contains a covenant requiring it to maintain a consolidated indebtedness to consolidated total capitalization ratio of not more than 0.65 to 1.00. As of December 31, 2009, all of KCP&L's retained earnings and net income were free of restrictions.

Great Plains Energy made capital contributions to KCP&L of \$247.5 million and \$200.0 million in 2009 and 2008, respectively. These contributions were made to fund Comprehensive Energy Plan projects. At December 31, 2009, KCP&L's contributions from Great Plains Energy totaled \$1,076.1 million and are reflected in other paid-in-capital on the KCP&L balance sheet.

14. 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

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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 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 estimates 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 a range of approximately \$0.8 billion - \$0.9 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 estimates provided.

The potential capital costs of the Collaboration Agreement provisions (discussed below and in Note 6) relating to NO_x, SO₂ and particulate emission limits at the LaCygne generating station are within the disclosed overall estimated capital cost ranges. However, the range does 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 CO₂ 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 range 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 KCP&L's ongoing compliance with current or future environmental laws. KCP&L expects to seek recovery of the costs associated with the Collaboration Agreement and expects to seek recovery of the costs associated with 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 SO₂ and NO_x emissions in 28 states, including Missouri. The reduction in both SO₂ and NO_x emissions is set to be accomplished through establishment of permanent statewide caps for NO_x effective January 1, 2009, and SO₂ 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_x 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 SO₂ 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

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KCP&L's results of operations, financial position and cash flows.

KCP&L expects to meet the emissions reductions currently required by CAIR at its Missouri plants through a combination of pollution control capital projects and the purchase of emission allowances as needed. 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 SO₂ and NO_x emitted in any given year. KCP&L is currently allowed to utilize unused SO₂ 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 December 31, 2009, KCP&L had accumulated unused SO₂ emission allowances sufficient to support over 110,000 tons of SO₂ 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 SO₂ emission allowances in accordance with KCP&L's Comprehensive Energy Plan as approved by the MPSC and KCC.

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_x and SO₂ 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 is continuing 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 October 2009, the EPA reached a proposed settlement to develop MACT standards for mercury and potentially other hazardous air pollutant emissions. The EPA has indicated it will propose MACT standards in 2010 with final standards by November 2011. These MACT standards, if adopted, could impact KCP&L's new and

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existing facilities.

The estimated required environmental expenditures of \$0.8 billion - \$0.9 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 on KCP&L's results of operations, financial position and cash flows. Some of the control technology for SO₂ and NO_x could also aid in the control of mercury.

New Source Review

The Clean Air Act requires companies to obtain permits and, if necessary, install control equipment to reduce emissions when making a major modification or a change in operation if either is expected to cause a significant net increase in regulated emissions. In May 2008, KCP&L received a subpoena from a federal grand jury seeking documents relating to capital projects at Iatan No. 1. In September 2009, KCP&L was informed by the Department of Justice that it did not expect to seek criminal charges under the Clean Air Act in connection with repair work, maintenance or modifications at Iatan No. 1.

Collaboration Agreement

As discussed in Note 6, 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 CO₂ 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_x and SO₂ 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 CO₂, 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 CO₂ 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

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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 CO₂, is being considered at the 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 CO₂ 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 their projected 2012 CO₂ 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 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 CO₂ emissions, cannot be determined at this time.

Even if there are no new Congressional mandates, the EPA is considering the regulation of greenhouse gases under the existing Clean Air Act. In 2007, the U.S. Supreme Court determined that greenhouse gases are air

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pollutants covered by the Clean Air Act. The Court held that the EPA must determine whether or not emissions of greenhouse gases from new motor vehicles cause or contribute to air pollution which may reasonably be anticipated to endanger public health or welfare. In December 2009, the EPA finalized two distinct findings regarding greenhouse gases under the Clean Air Act. In the first finding, referred to as the endangerment finding, the EPA found that the current and projected concentrations of the mix of six greenhouse gases, including CO₂, in the atmosphere threaten the public health and welfare of current and future generations. In the second finding, referred to as the cause or contribute finding, the EPA found that the combined emissions of greenhouse gases from new motor vehicles and motor vehicle engines contribute to the atmospheric concentrations of these greenhouse gases and therefore, contribute to the threat of climate change. The EPA indicated that the findings do not themselves impose any requirements on industry; however, the action is a prerequisite to finalizing the EPA's proposed greenhouse gas emission standards for light-duty vehicles which was proposed by the EPA in September 2009. The EPA indicated that the finalization of the greenhouse gas emission standards for light-duty vehicles would trigger Federal Prevention of Significant Deterioration (PSD) or Title V permitting programs applicability for stationary sources such as KCP&L's generating facilities.

In December 2008, the EPA issued an interpretive memo declaring that CO₂ is not currently subject to regulation under the PSD program; however, in September 2009, the EPA announced that it plans to reconsider the interpretive memo and is seeking comments on various interpretations of when a pollutant is subject to regulation under the Clean Air Act for the purposes of triggering the PSD permitting requirements. In September 2009, the EPA issued a final rule for mandatory greenhouse gas reporting from large greenhouse gas emissions sources which would include most of KCP&L's generating facilities. In addition, 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 indicated no facility will be required to address greenhouse gas emissions in Clean Air Act permitting of new construction or modifications before 2011. In addition, the EPA announced it is also considering raising the 25,000 tons of greenhouse gas threshold announced 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 their 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 2 MW 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 115 MW in additional renewable energy resources, including 2 MW 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

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proposals and anticipates securing the rights to 100MWs of wind resources 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 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.

SO₂ NAAQS

In November 2009, the EPA proposed to strengthen the NAAQS for SO₂. The EPA is proposing to revise the primary SO₂ 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

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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, 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. Since an incident at an ash containment area in December 2008 at a Tennessee Valley Authority site, federal legislation has been introduced and information requests issued regarding the handling and disposal of coal combustion products. In addition, the EPA has indicated it will issue proposed federal regulations for coal combustion product disposal. 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. Coal combustion product-related legislation or regulation, especially if coal combustion products are classified as hazardous waste, has the potential of having a significant financial and operational impact on KCP&L in connection with achieving compliance with the requirements that may be established. However, the financial and operational consequences to KCP&L cannot be determined until final legislation is passed or regulations 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 December 31, 2009 and 2008, KCP&L had \$0.3 million accrued for environmental remediation expenses, which

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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.

Contractual Commitments

The Company's expenses related to lease commitments were \$19.3 million and \$18.1 million in 2009 and 2008, respectively.

KCP&L's contractual commitments at December 31, 2009, excluding pensions and long-term debt, are detailed in the following table.

	2010	2011	2012	2013	2014	After 2014	Total
Lease commitments	(millions)						
Operating lease	\$ 12.0	\$ 12.8	\$ 12.2	\$ 12.0	\$ 12.0	\$ 141.6	\$ 202.6
Capital lease	0.2	0.2	0.2	0.2	0.2	3.2	4.2
Purchase commitments							
Fuel	135.5	91.1	81.8	76.8	66.1	138.8	590.1
Purchased capacity	6.3	4.7	4.7	3.7	2.9	4.2	26.5
Comprehensive Energy Plan	105.3	1.4	-	-	-	-	106.7
Other	60.8	14.5	5.9	5.5	5.6	21.2	113.5
Total contractual commitments	\$ 320.1	\$ 124.7	\$ 104.8	\$ 98.2	\$ 86.8	\$ 309.0	\$ 1,043.6

Lease commitments end in 2032. Operating lease commitments include rail cars to serve jointly-owned generating units where KCP&L is the managing partner. KCP&L will be reimbursed by the other owners for approximately \$2.0 million per year (\$14.7 million total) of the amounts included in the table above.

Fuel commitments consist of commitments for nuclear fuel, coal and coal transportation. KCP&L purchases capacity from other utilities and nonutility suppliers. Purchasing capacity provides the option to purchase energy if needed or when market prices are favorable. KCP&L has capacity sales agreements not included above that total \$11.2 million per year for 2010 and 2011, \$6.9 million in 2012 and \$1.6 million in 2013. Comprehensive Energy Plan represents contractual commitments for projects included in KCP&L's Comprehensive Energy Plan including jointly owned units. KCP&L expects to be reimbursed by other owners for their respective share of Iatan No. 2 and environmental retrofit costs included in the Comprehensive Energy Plan contractual commitments. Other represents individual commitments entered into in the ordinary course of business.

15. LEGAL PROCEEDINGS

Kansas City Power & Light Company v. Union Pacific Railroad Company

In October 2005, KCP&L filed a rate complaint case with the Surface Transportation Board (STB) charging that Union Pacific Railroad Company's (Union Pacific) rates for transporting coal from the Powder River Basin (PRB) in Wyoming to KCP&L's Montrose Station were unreasonably high. On May 16, 2008, the STB found that the rates Union Pacific charged on coal movement from the PRB to KCP&L's Montrose Station exceeded the maximum reasonable rate of 180%

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of variable costs. Consequently, the STB prescribed a maximum reasonable rate of 180% of variable costs until the end of 2015. Additionally, the STB ordered reparations to be paid, with interest, for coal deliveries made from January 1, 2006 through the date a new rate is established. Union Pacific did not appeal the decision. KCP&L has received approximately \$3.5 million for reparations and interest for 2006, 2007 and the first half of 2008 coal deliveries. In August 2009, KCP&L and Union Pacific executed a joint stipulation that defines a methodology for calculating future rates, which replaces the STB reparation process.

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. The parties have 90 days to appeal the arbitrators' decision.

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

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seeks class certification from the courts. Management cannot predict the outcome of this matter.

16. GUARANTEES

At December 31, 2009, KCP&L had guaranteed, with a maximum potential of \$1.0 million, energy savings under an agreement with a customer that expires over the next year. A subcontractor would indemnify KCP&L for any payments made by KCP&L under this guarantee. This guarantee was entered into before December 31, 2002; therefore, a liability was not recorded.

17. RELATED PARTY TRANSACTIONS AND RELATIONSHIPS

KCP&L employees manage GMO's business and operate its facilities at cost. These costs totaled \$102.7 million for 2009 and \$41.0 million in 2008 subsequent to the July 14, 2008, acquisition of GMO. Additionally, KCP&L and GMO engage in wholesale electricity transactions with each other. In 2008, KCP&L received various support and administrative services from Great Plains Energy Services Incorporated, (Services) a wholly owned subsidiary of Great Plains Energy, and these costs totaled \$13.0 million. In December 2008, employees and assets of Services were transferred to KCP&L. KCP&L is also authorized to participate in the Great Plains Energy money pool. The money pool is an internal financing arrangement in which funds deposited into the money pool may be lent on a short-term basis to KCP&L. The following table summarizes KCP&L's related party receivables and payables.

	December 31	
	2009	2008
	(millions)	
Receivable from GMO	\$ 26.4	\$ 23.7
Receivable from Receivables Company	39.8	55.4
Receivable (payable) from/to Services	(0.2)	4.8
Receivable (payable) from/to Great Plains Energy	15.1	(1.2)
Receivable (payable) from/to MPS Merchant	0.9	(3.4)

18. 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

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counterparties.

Interest Rate Risk Management

In March 2009, KCP&L issued \$400.0 million of long-term debt and settled three FSS simultaneously with the issuance of this long-term fixed rate debt. No ineffectiveness was recorded on the three FSS in 2009 or 2008. 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. Year to date December 31, 2009, \$4.0 million of the loss has been 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 December 31, 2009, KCP&L has hedged 68% and 11%, 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 in 2009 or 2008.

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 December 31, 2009, 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 in 2009 or 2008.

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 of cash collateral.

	December 31			
	2009		2008	
	Notional Contract Amount	Fair Value	Notional Contract Amount	Fair Value
	(millions)			
Swap contracts				
Cash flow hedges	\$ -	\$ -	\$ 0.7	\$ (0.2)
Future contracts				
Cash flow hedges	3.2	-	4.5	0.6
Option contracts				
Cash flow hedges	2.3	0.2	-	-
Anticipated debt issuance				
Forward starting swap	-	-	250.0	(80.1)

The fair value 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 of cash collateral.

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December 31, 2009	Balance Sheet Classification	Asset Derivatives Fair Value	Liability Derivatives Fair Value
Derivatives Designated as Hedging Instruments (millions)			
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.

Derivatives in Cash Flow Hedging Relationship			
	Amount of Gain (Loss) Recognized in OCI on Derivatives (Effective Portion)	Income Statement Classification	Gain (Loss) Reclassified from Accumulated OCI into Income (Effective Portion)
2009	(millions)		(millions)
Interest rate contracts	\$ 1.0	Interest charges	\$ (7.5)
Commodity contracts	(0.8)	Fuel	(1.1)
Income tax benefit (expense)	(0.1)	Income tax benefit (expense)	3.3
Total	\$ 0.1	Total	\$ (5.3)

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

	December 31	
	2009	2008
Current assets	\$ 13.3	\$ 13.7
Current liabilities	(81.2)	(90.5)
Deferred income taxes	26.4	29.9
Total	\$ (41.5)	\$ (46.9)

KCP&L's accumulated OCI in the table above at December 31, 2009, includes \$8.4 million that is expected to be reclassified to expense over the next twelve months.

The amounts reclassified to expenses are summarized in the following table.

	2009	2008
	(millions)	
Fuel expense	\$ 1.1	\$ (2.3)
Interest expense	7.5	2.5
Income tax benefit (expense)	(3.3)	-
OCI	\$ 5.3	\$ 0.2

19. 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

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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 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 December 31, 2009 and 2008.

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Fair Value Measurements Using					
Description	December 31 2009	Netting ^(c)	Quoted Prices in Active Markets for Identical Assets (Level 1) (millions)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Assets					
Derivative instruments ^(a)	\$ 0.2	\$ (0.2)	\$ 0.2	\$ 0.2	\$ -
Nuclear decommissioning trust ^(b)					
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 ^(a)	-	(0.2)	-	0.2	-
Total	\$ -	\$ (0.2)	\$ -	\$ 0.2	\$ -

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		Fair Value Measurements Using		
Description	December 31 2008	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
		(millions)		
Assets				
Derivative instruments ^(a)	\$ 0.6	\$ -	\$ 0.6	\$ -
Nuclear decommissioning trust ^(b)	95.2	52.9	35.5	6.8
Total	95.8	52.9	36.1	6.8
Liabilities				
Derivative instruments ^(a)	80.3	-	80.3	-
Total	\$ 80.3	\$ -	\$ 80.3	\$ -

- ^(a) The fair value of derivative instruments is estimated using market quotes, over-the-counter forward priced and volatility curves and correlation 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 \$29.4 million and \$1.7 million at December 31, 2009 and 2008, 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.

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 2009 and 2008.

Fair Value Measurements Using Significant Unobservable Inputs (Level 3)					
Description	U.S.	State & Local	Mortgage		
	Agency	Obligations	Securities	Total	
	(millions)				
Balance January 1, 2009	\$ 3.9	\$ -	\$ 2.9	\$	6.8
Total realized/unrealized gains or (losses)					
Included in regulatory liability	-	-	1.1		1.1
Purchases, issuances and settlements	(3.9)	-	(4.0)		(7.9)
Transfers in and/or out of Level 3	-	0.2	-		0.2
Balance December 31, 2009	\$ -	\$ 0.2	\$ -	\$	0.2

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Fair Value Measurements Using Significant Unobservable Inputs (Level 3)

Description	Nuclear Decommissioning Trust
	(millions)
Balance January 1, 2008	\$ 6.5
Total realized/unrealized gains or (losses)	
Included in regulatory liability	(1.0)
Purchase, issuances, and settlements	(2.5)
Transfers in and/or out of Level 3	3.8
Balance December 31, 2008	\$ 6.8

On January 1, 2009, KCP&L adopted the fair value measurement and disclosure requirements for nonfinancial assets and liabilities measured at fair value on a nonrecurring basis, such as AROs, reporting units and long-lived asset groups measured at fair value for impairment testing, nonfinancial assets and liabilities measured at fair value in a business combination and not measured at fair value in subsequent periods. Management evaluated the impact of adoption to those nonfinancial assets and liabilities and determined there was no significant impact on KCP&L's fair value measurement processes.

In April 2009, the Financial Accounting Standards Board (FASB) issued additional guidance for estimating fair value when the volume and level of activity for the asset or liability have significantly decreased and guidance on identifying circumstances that indicate a transaction is not orderly that became effective in the second quarter of 2009 for KCP&L. Management determined there was no significant impact on KCP&L's fair value measurement processes.

In August 2009, the FASB issued additional guidance to clarify the principles on fair value measurement of liabilities. Management determined there was no significant impact on KCP&L's fair value measurement processes upon adoption in the fourth quarter of 2009.

20. TAXES

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

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	2009	2008
	(millions)	
Current income taxes		
Federal	\$ 39.3	\$ (8.8)
State	4.4	4.4
Total	43.7	(4.4)
Deferred income taxes		
Federal	(41.6)	(38.4)
State	3.6	31.0
Total	(38.0)	(7.4)
Noncurrent income taxes		
Federal	3.4	(1.7)
State	(0.1)	(0.3)
Total	3.3	(2.0)
Investment tax credit		
Deferral	37.2	74.2
Amortization	(1.4)	(1.4)
Total	35.8	72.8
Total	\$ 44.8	\$ 59.0

Income Tax Expense and Effective Income Tax Rates

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

	Income Tax Expense		Income Tax Rate	
	2009	2008	2009	2008
	(millions)			
Federal statutory income tax	\$ 59.6	\$ 64.0	35.0 %	35.0 %
Differences between book and tax				
depreciation not normalized	(7.7)	(5.2)	(4.5)	(2.8)
Amortization of investment tax credits	(1.4)	(1.4)	(0.8)	(0.8)
Federal income tax credits	(7.8)	(9.8)	(4.6)	(5.3)
State income taxes	5.5	3.8	3.3	2.1
Changes in uncertain tax positions, net	(0.5)	(0.6)	(0.3)	(0.3)
Parent company tax benefits ^(a)	-	(6.7)	-	(3.7)
Rate change on deferred taxes	-	20.3	-	11.0
Other	(2.9)	(5.4)	(1.8)	(2.9)
Total	\$ 44.8	\$ 59.0	26.3 %	32.3 %

^(a) The tax sharing between Great Plains Energy and its subsidiaries was modified on July 14, 2008. As part of the new agreement, parent company tax benefits are no longer allocated to KCP&L or other subsidiaries.

KCP&L is required to adjust deferred tax assets and liabilities to reflect tax rates that are anticipated to be in effect when timing differences reverse. Due to the 2008 sale of Strategic Energy, L.L.C. (Strategic Energy), the composite tax rate for KCP&L was expected to increase as a result of the change in composition of states that Great Plains Energy conducts business. Therefore, deferred tax assets and liabilities were adjusted in 2008 to reflect the expected increase in the composite tax rate. The impact of the increase in the composite tax rate on deferred tax assets and liabilities resulted in

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tax expense for KCP&L of \$20.3 million at December 31, 2008.

Deferred Income Taxes

The tax effects of major temporary differences resulting in deferred income tax assets (liabilities) in the balance sheets are in the following tables.

December 31	2009	2008
Current deferred income taxes		
Other	\$ (0.3)	\$ 4.4
Net current deferred income tax asset	(0.3)	4.4
Noncurrent deferred income taxes		
Plant related	(627.7)	(596.1)
Income taxes on future regulatory recoveries	(77.6)	(71.6)
Derivative instruments	37.4	40.0
Pension and post-retirement benefits	6.5	(9.9)
SO ₂ emission allowance sales	34.5	34.6
Fuel clause adjustments	0.2	(0.6)
Transition costs	(11.4)	(11.4)
Tax credit carryforwards	97.6	36.4
Net operating losses	0.6	-
Uncertain tax positions	(20.5)	(16.5)
Other	(16.2)	(14.3)
Net noncurrent deferred tax liability	(576.6)	(609.4)
Net deferred income tax liability	\$ (576.9)	\$ (605.0)

December 31	2009	2008
Gross deferred income tax assets	\$ 597.3	\$ 459.8
Gross deferred income tax liabilities	(1,174.2)	(1,064.8)
Net deferred income tax liability	\$ (576.9)	\$ (605.0)

Tax Credit Carryforwards

At December 31, 2009 and 2008, KCP&L had \$97.6 million and \$36.4 million, respectively, of federal general business income tax credit carryforwards. The carryforwards relate primarily to Advanced Coal Investment Tax Credits and Wind Production tax credits and expire in years 2028 to 2029.

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 \$37.2 million in 2009 and \$29.2 million of current and \$45.0 million of deferred federal tax benefits in 2008. 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 December 31, 2009,

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NOTES TO FINANCIAL STATEMENTS (Continued)			

KCP&L had \$111.4 million 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 15 for a related legal proceeding.

Uncertain Tax Positions

At December 31, 2009 and 2008, KCP&L had \$20.9 million and \$17.6 million, respectively, of liabilities related to unrecognized tax benefits. Of these amounts, \$0.4 million at December 31, 2009, and \$1.2 million at December 31, 2008, are expected to impact the effective tax rate if recognized. The \$3.3 million increase in unrecognized tax benefits is primarily due to a \$6.9 million increase of unrecognized tax benefits related to the 2008 and 2009 tax years offset by a \$2.1 million decrease as a result of the settlements of the IRS audit for the Great Plains Energy consolidated 2004 tax year.

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

	2009	2008
	(millions)	
Balance at January 1	\$ 17.6	\$ 19.6
Additions for current year tax positions	3.9	3.8
Additions for prior year tax positions	3.0	2.6
Reductions for prior year tax positions	(0.8)	(0.7)
Settlements	(2.2)	(7.5)
Statute expirations	(0.6)	(0.2)
Balance at December 31	\$ 20.9	\$ 17.6

KCP&L recognizes interest accrued related to unrecognized tax benefits in interest expense and penalties in non-operating expenses. KCP&L had accrued interest related to unrecognized tax benefits of \$1.7 million at December 31, 2009 and 2008. Amounts accrued for penalties with respect to unrecognized tax benefits for KCP&L are insignificant. In 2008, KCP&L recognized a reduction of \$1.7 million of interest expense.

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.

21. JOINTLY OWNED ELECTRIC UTILITY PLANTS

KCP&L's share of jointly owned electric utility plants at December 31, 2009, are detailed in the following table.

	Wolf Creek Unit	LaCygne Units	Iatan No. 1 Unit	Iatan No. 2 Unit	Iatan Common
	(millions, except MW amounts)				
KCP&L's share	47%	50%	70%	55%	61%
Utility plant in service	\$ 1,412.5	\$ 407.5	\$ 513.2	\$ -	\$ 189.0
Accumulated depreciation	752.8	285.0	179.1	-	1.9
Nuclear fuel, net	68.2	-	-	-	-
Construction work in progress	44.4	19.1	4.6	835.0	64.9
2010 accredited capacity-MW s	545	709	494	NA	NA

Each owner must fund its own portion of the plant's operating expenses and capital expenditures. KCP&L's share of

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NOTES TO FINANCIAL STATEMENTS (Continued)			

direct expenses is included in the appropriate operating expense classifications in KCP&L's financial statements.

22. NEW ACCOUNTING STANDARDS

In June 2009, the FASB issued two amendments to existing GAAP, one of which amends previous derecognition guidance and eliminates the concept of a qualifying special-purpose entity (QSPEs). The second amends previous consolidation guidance applicable to variable interest entities (VIEs) requiring companies to reconsider previous conclusions, including whether an entity is a VIE, whether the Company is the VIE's primary beneficiary and what type of financial statement disclosures are required. The provisions of these amendments are effective for KCP&L for financial asset transfers occurring after January 1, 2010, and requires transferors to evaluate all existing QSPEs and all VIEs to determine whether they must be consolidated effective January 1, 2010, in accordance with the amended consolidation guidance. As a result of the derecognition guidance amendments, beginning January 1, 2010, the sale of an undivided percentage ownership in accounts receivable by Receivables Company to an outside investor under the revolving agreement will no longer meet the criteria for derecognition and will be accounted for as a secured borrowing. Therefore, beginning January 1, 2010, \$95 million of trade receivables will be recorded with a corresponding short-term secured liability on KCP&L's balance sheet. There will be no impact to results of operations and no impact is expected to any debt covenant agreements as a result of this accounting change. Management is continuing to evaluate the impact of this new guidance but does not anticipate it will have any other significant impacts to KCP&L's financial position.

In June 2009, the FASB issued the FASB Accounting Standards Codification and the Hierarchy of Generally Accepted Accounting Principles (Codification) as the exclusive authoritative reference for U.S. GAAP to be applied by nongovernmental entities. The Codification changes the referencing of accounting standards and is effective for interim and annual reporting periods ending after September 15, 2009. There was no impact on KCP&L's financial statements upon adoption of the Codification other than referencing accounting standards.

23. SUBSEQUENT EVENTS

Management is unaware of any significant subsequent events, up to the time on February 25, 2010, when these financial statements were available to be issued, which would require disclosure.

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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: h

Natural gas cash flow hedges for production fuel. As of December 31, 2009, KCP&L has hedged 68% and 11% of its 2010 and 2011, respectively, projected natural gas usage for retail load and firm MWh sales. The fair value of the derivatives were recorded in accounts 175 and 245 at December 31, 2008 and December 31, 2009.

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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)	6,248,638,122		6,248,638,122	
4	Property Under Capital Leases	2,159,601		2,159,601	
5	Plant Purchased or Sold				
6	Completed Construction not Classified				
7	Experimental Plant Unclassified				
8	Total (3 thru 7)	6,250,797,723		6,250,797,723	
9	Leased to Others				
10	Held for Future Use	7,716,700		7,716,700	
11	Construction Work in Progress	1,144,170,255		1,144,170,255	
12	Acquisition Adjustments				
13	Total Utility Plant (8 thru 12)	7,402,684,678		7,402,684,678	
14	Accum Prov for Depr, Amort, & Depl	2,899,768,920		2,899,768,920	
15	Net Utility Plant (13 less 14)	4,502,915,758		4,502,915,758	
16	Detail of Accum Prov for Depr, Amort & Depl				
17	In Service:				
18	Depreciation	2,782,078,073		2,782,078,073	
19	Amort & Depl of Producing Nat Gas Land/Land Right				
20	Amort of Underground Storage Land/Land Rights				
21	Amort of Other Utility Plant	117,690,847		117,690,847	
22	Total In Service (18 thru 21)	2,899,768,920		2,899,768,920	
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)	2,899,768,920		2,899,768,920	

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) 04/19/2010	Year/Period of Report End of <u>2009/Q4</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
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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) 04/19/2010	Year/Period of Report End of 2009/Q4
NUCLEAR FUEL MATERIALS (Account 120.1 through 120.6 and 157)					
<p>1. Report below the costs incurred for nuclear fuel materials in process of fabrication, on hand, in reactor, and in cooling; owned by the respondent.</p> <p>2. If the nuclear fuel stock is obtained under leasing arrangements, attach a statement showing the amount of nuclear fuel leased, the quantity used and quantity on hand, and the costs incurred under such leasing arrangements.</p>					
Line No.	Description of item (a)	Balance Beginning of Year (b)	Changes during Year Additions (c)		
1	Nuclear Fuel in process of Refinement, Conv, Enrichment & Fab (120.1)				
2	Fabrication				
3	Nuclear Materials	21,701,552	18,907,521		
4	Allowance for Funds Used during Construction	3,651,572	1,177,255		
5	(Other Overhead Construction Costs, provide details in footnote)	2,155,014	478,224		
6	SUBTOTAL (Total 2 thru 5)	27,508,138			
7	Nuclear Fuel Materials and Assemblies				
8	In Stock (120.2)	8,882,811	-8,882,811		
9	In Reactor (120.3)	56,922,383	21,947,835		
10	SUBTOTAL (Total 8 & 9)	65,805,194			
11	Spent Nuclear Fuel (120.4)	81,340,494	1,745,265		
12	Nuclear Fuel Under Capital Leases (120.6)				
13	(Less) Accum Prov for Amortization of Nuclear Fuel Assem (120.5)	110,783,200			
14	TOTAL Nuclear Fuel Stock (Total 6, 10, 11, 12, less 13)	63,870,626			
15	Estimated net Salvage Value of Nuclear Materials in line 9				
16	Estimated net Salvage Value of Nuclear Materials in line 11				
17	Est Net Salvage Value of Nuclear Materials in Chemical Processing				
18	Nuclear Materials held for Sale (157)				
19	Uranium				
20	Plutonium				
21	Other (provide details in footnote):				
22	TOTAL Nuclear Materials held for Sale (Total 19, 20, and 21)				

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) 04/19/2010	Year/Period of Report End of <u>2009/Q4</u>
NUCLEAR FUEL MATERIALS (Account 120.1 through 120.6 and 157)					
Changes during Year		Balance End of Year (f)	Line No.		
Amortization (d)	Other Reductions (Explain in a footnote) (e)				
			1		
			2		
	35,880,930	4,728,143	3		
		4,828,827	4		
		2,633,238	5		
		12,190,208	6		
			7		
			8		
		78,870,218	9		
		78,870,218	10		
		83,085,759	11		
			12		
4,807,415		105,975,785	13		
		68,170,400	14		
			15		
			16		
			17		
			18		
			19		
			20		
			21		
			22		

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) 04/19/2010	Year/Period of Report 2009/Q4
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FOOTNOTE DATA			

Schedule Page: 202 Line No.: 3 Column: e

Other Reductions include fabricated assemblies transferred to stock(120.2)of \$44,497,726, fuel for refueling #19 transferred out of stock(120.2)of \$8,882,811, fuel purchases for refueling #19 transferred to stock(120.2)of \$195,250, and fabricated assemblies for refuel #17 transferred to reactor(120.3)of \$70,765.

Schedule Page: 202 Line No.: 5 Column: c

Other includes labor and overhead costs of \$365,419, travel expenses of \$6,949, and consultant charges of \$105,856.

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ELECTRIC PLANT IN SERVICE (Account 101, 102, 103 and 106)					
<p>1. Report below the original cost of electric plant in service according to the prescribed accounts.</p> <p>2. In addition to Account 101, Electric Plant in Service (Classified), this page and the next include Account 102, Electric Plant Purchased or Sold; Account 103, Experimental Electric Plant Unclassified; and Account 106, Completed Construction Not Classified-Electric.</p> <p>3. Include in column (c) or (d), as appropriate, corrections of additions and retirements for the current or preceding year.</p> <p>4. For revisions to the amount of initial asset retirement costs capitalized, included by primary plant account, increases in column (c) additions and reductions in column (e) adjustments.</p> <p>5. Enclose in parentheses credit adjustments of plant accounts to indicate the negative effect of such accounts.</p> <p>6. Classify Account 106 according to prescribed accounts, on an estimated basis if necessary, and include the entries in column (c). Also to be included in column (c) are entries for reversals of tentative distributions of prior year reported in column (b). Likewise, if the respondent has a significant amount of plant retirements which have not been classified to primary accounts at the end of the year, include in column (d) a tentative distribution of such retirements, on an estimated basis, with appropriate contra entry to the account for accumulated depreciation provision. Include also in column (d)</p>					
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)		
1	1. INTANGIBLE PLANT				
2	(301) Organization	72,186			
3	(302) Franchises and Consents	22,937			
4	(303) Miscellaneous Intangible Plant	136,593,185	10,616,708		
5	TOTAL Intangible Plant (Enter Total of lines 2, 3, and 4)	136,688,308	10,616,708		
6	2. PRODUCTION PLANT				
7	A. Steam Production Plant				
8	(310) Land and Land Rights	8,763,891	18,140		
9	(311) Structures and Improvements	97,248,159	68,065,522		
10	(312) Boiler Plant Equipment	911,941,194	385,043,132		
11	(313) Engines and Engine-Driven Generators				
12	(314) Turbogenerator Units	231,961,208	19,484,013		
13	(315) Accessory Electric Equipment	130,246,417	6,252,293		
14	(316) Misc. Power Plant Equipment	29,672,643	3,777,795		
15	(317) Asset Retirement Costs for Steam Production	20,528,643	575,508		
16	TOTAL Steam Production Plant (Enter Total of lines 8 thru 15)	1,430,362,155	483,216,403		
17	B. Nuclear Production Plant				
18	(320) Land and Land Rights	3,411,585			
19	(321) Structures and Improvements	419,695,524	1,397,108		
20	(322) Reactor Plant Equipment	572,326,688	3,710,618		
21	(323) Turbogenerator Units	172,354,919	3,070,160		
22	(324) Accessory Electric Equipment	132,615,815	91,694		
23	(325) Misc. Power Plant Equipment	72,086,162	443,013		
24	(326) Asset Retirement Costs for Nuclear Production				
25	TOTAL Nuclear Production Plant (Enter Total of lines 18 thru 24)	1,372,490,693	8,712,593		
26	C. Hydraulic Production Plant				
27	(330) Land and Land Rights				
28	(331) Structures and Improvements				
29	(332) Reservoirs, Dams, and Waterways				
30	(333) Water Wheels, Turbines, and Generators				
31	(334) Accessory Electric Equipment				
32	(335) Misc. Power PLant Equipment				
33	(336) Roads, Railroads, and Bridges				
34	(337) Asset Retirement Costs for Hydraulic Production				
35	TOTAL Hydraulic Production Plant (Enter Total of lines 27 thru 34)				
36	D. Other Production Plant				
37	(340) Land and Land Rights	1,102,201			
38	(341) Structures and Improvements	8,042,369	1,988		
39	(342) Fuel Holders, Products, and Accessories	10,928,674			
40	(343) Prime Movers				
41	(344) Generators	404,904,451	9,272,260		
42	(345) Accessory Electric Equipment	14,197,913	81,299		
43	(346) Misc. Power Plant Equipment		7,274		
44	(347) Asset Retirement Costs for Other Production	3,056,058			
45	TOTAL Other Prod. Plant (Enter Total of lines 37 thru 44)	442,231,666	9,362,821		
46	TOTAL Prod. Plant (Enter Total of lines 16, 25, 35, and 45)	3,245,084,514	501,291,817		

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ELECTRIC PLANT IN SERVICE (Account 101, 102, 103 and 106) (Continued)					
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)		
47	3. TRANSMISSION PLANT				
48	(350) Land and Land Rights	24,720,184	-2,200		
49	(352) Structures and Improvements	4,748,308	5,572		
50	(353) Station Equipment	167,391,089	9,039,630		
51	(354) Towers and Fixtures	4,029,692			
52	(355) Poles and Fixtures	102,867,876	1,687,261		
53	(356) Overhead Conductors and Devices	92,773,104	1,629,496		
54	(357) Underground Conduit	3,080,287	152,769		
55	(358) Underground Conductors and Devices	2,822,718	77,192		
56	(359) Roads and Trails				
57	(359.1) Asset Retirement Costs for Transmission Plant				
58	TOTAL Transmission Plant (Enter Total of lines 48 thru 57)	402,433,258	12,589,720		
59	4. DISTRIBUTION PLANT				
60	(360) Land and Land Rights	24,485,341	149,904		
61	(361) Structures and Improvements	10,728,119	748,208		
62	(362) Station Equipment	155,217,130	8,138,722		
63	(363) Storage Battery Equipment				
64	(364) Poles, Towers, and Fixtures	239,391,344	9,614,299		
65	(365) Overhead Conductors and Devices	197,553,657	3,724,501		
66	(366) Underground Conduit	184,353,413	22,298,521		
67	(367) Underground Conductors and Devices	371,333,551	23,445,345		
68	(368) Line Transformers	235,046,576	7,062,089		
69	(369) Services	85,184,053	3,569,216		
70	(370) Meters	86,880,524	1,196,787		
71	(371) Installations on Customer Premises	11,217,899	296,658		
72	(372) Leased Property on Customer Premises				
73	(373) Street Lighting and Signal Systems	37,044,396	1,397,112		
74	(374) Asset Retirement Costs for Distribution Plant				
75	TOTAL Distribution Plant (Enter Total of lines 60 thru 74)	1,638,436,003	81,641,362		
76	5. REGIONAL TRANSMISSION AND MARKET OPERATION PLANT				
77	(380) Land and Land Rights				
78	(381) Structures and Improvements				
79	(382) Computer Hardware				
80	(383) Computer Software				
81	(384) Communication Equipment				
82	(385) Miscellaneous Regional Transmission and Market Operation Plant				
83	(386) Asset Retirement Costs for Regional Transmission and Market Oper				
84	TOTAL Transmission and Market Operation Plant (Total lines 77 thru 83)				
85	6. GENERAL PLANT				
86	(389) Land and Land Rights	2,303,493			
87	(390) Structures and Improvements	61,691,256	31,703,016		
88	(391) Office Furniture and Equipment	14,818,341	4,506,833		
89	(392) Transportation Equipment	39,697,573	3,661,337		
90	(393) Stores Equipment	665,341	314,043		
91	(394) Tools, Shop and Garage Equipment	3,803,797	33,499		
92	(395) Laboratory Equipment	5,259,511	302,137		
93	(396) Power Operated Equipment	14,327,033	1,718,607		
94	(397) Communication Equipment	98,551,985	8,149,572		
95	(398) Miscellaneous Equipment	453,893	17,382		
96	SUBTOTAL (Enter Total of lines 86 thru 95)	241,572,223	50,406,426		
97	(399) Other Tangible Property				
98	(399.1) Asset Retirement Costs for General Plant				
99	TOTAL General Plant (Enter Total of lines 96, 97 and 98)	241,572,223	50,406,426		
100	TOTAL (Accounts 101 and 106)	5,664,214,306	656,546,033		
101	(102) Electric Plant Purchased (See Instr. 8)				
102	(Less) (102) Electric Plant Sold (See Instr. 8)				
103	(103) Experimental Plant Unclassified				
104	TOTAL Electric Plant in Service (Enter Total of lines 100 thru 103)	5,664,214,306	656,546,033		

9. For each amount comprising the reported balance and changes in Account 102, state the property purchased or sold, name of vendor or purchase, and date of transaction. If proposed journal entries have been filed with the Commission as required by the Uniform System of Accounts, give also date

Retirements (d)	Adjustments (e)	Transfers (f)	Balance at End of Year (g)		Line No.
					1
			72,186		2
			22,937		3
183,382			147,026,511		4
183,382			147,121,634		5
					6
					7
			8,782,031		8
118,027			165,195,654		9
33,873,938		-21,004	1,263,089,384		10
					11
4,811,120			246,634,101		12
235,197		18,091,134	154,354,647		13
772,960		21,004	32,698,482		14
	-3,350,344		17,753,807		15
39,811,242	-3,350,344	18,091,134	1,888,508,106		16
					17
			3,411,585		18
456,201			420,636,431		19
2,250,438			573,786,868		20
222,930			175,202,149		21
456,950			132,250,559		22
253,648			72,275,527		23
					24
3,640,167			1,377,563,119		25
					26
					27
					28
					29
					30
					31
					32
					33
					34
					35
					36
			1,102,201		37
			8,044,357		38
		-817	10,927,857		39
					40
606,577		13,674,284	427,244,418		41
13,274		7,295,901	21,561,839		42
		-7,274			43
			3,056,058		44
619,851		20,962,094	471,936,730		45
44,071,260	-3,350,344	39,053,228	3,738,007,955		46

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) 04/19/2010		Year/Period of Report End of 2009/Q4	
ELECTRIC PLANT IN SERVICE (Account 101, 102, 103 and 106) (Continued)							
Retirements (d)	Adjustments (e)	Transfers (f)	Balance at End of Year (g)		Line No.		
					47		
			24,717,984		48		
3,135		-2,778	4,747,967		49		
3,623,266		-40,834,246	131,973,207		50		
		39,205	4,068,897		51		
1,090,620		382,513	103,847,030		52		
364,006		-421,718	93,616,876		53		
			3,233,056		54		
			2,899,910		55		
					56		
					57		
5,081,027		-40,837,024	369,104,927		58		
					59		
461		160,074	24,794,858		60		
10,962			11,465,365		61		
2,576,689		-45,105	160,734,058		62		
					63		
1,243,690		1,663	247,763,616		64		
1,324,296		19,673	199,973,535		65		
260,389			206,391,545		66		
3,228,616			391,550,280		67		
1,507,964			240,600,701		68		
208,547			88,544,722		69		
267,101		750	87,810,960		70		
40,410		-2,413	11,471,734		71		
					72		
3,046,595		-19,673	35,375,240		73		
					74		
13,715,720		114,969	1,706,476,614		75		
					76		
					77		
					78		
					79		
					80		
					81		
					82		
					83		
					84		
					85		
		23,028	2,326,521		86		
2,794,936		3,146	90,602,482		87		
307,185			19,017,989		88		
1,847,472			41,511,438		89		
21,962			957,422		90		
99		-3,146	3,834,051		91		
			5,561,648		92		
378,700			15,666,940		93		
552,087		1,828,901	107,978,371		94		
1,145			470,130		95		
5,903,586		1,851,929	287,926,992		96		
					97		
					98		
5,903,586		1,851,929	287,926,992		99		
68,954,975	-3,350,344	183,102	6,248,638,122		100		
					101		
					102		
					103		
68,954,975	-3,350,344	183,102	6,248,638,122		104		

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) 04/19/2010	Year/Period of Report 2009/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 204 Line No.: 15 Column: e
Reduction of Steam ARO for Hawthorn asbestos removal.
Schedule Page: 204 Line No.: 60 Column: f
Transfer of land \$160,074 from Future Use property account 105000.
Schedule Page: 204 Line No.: 86 Column: f
Transfer of land \$23,028 from Non-utility property account 121000.

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) 04/19/2010	Year/Period of Report End of <u>2009/Q4</u>
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ELECTRIC PLANT LEASED TO OTHERS (Account 104)

Line No.	Name of Lessee (Designate associated companies with a double asterisk) (a)	Description of Property Leased (b)	Commission Authorization (c)	Expiration Date of Lease (d)	Balance at End of Year (e)
1	None				
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
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43					
44					
45					
46					
47	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) 04/19/2010	Year/Period of Report End of 2009/Q4
ELECTRIC PLANT HELD FOR FUTURE USE (Account 105)					
1. Report separately each property held for future use at end of the year having an original cost of \$250,000 or more. Group other items of property held for future use.					
2. For property having an original cost of \$250,000 or more previously used in utility operations, now held for future use, give in column (a), in addition to other required information, the date that utility use of such property was discontinued, and the date the original cost was transferred to Account 105.					
Line No.	Description and Location Of Property (a)	Date Originally Included in This Account (b)	Date Expected to be used in Utility Service (c)	Balance at End of Year (d)	
1	Land and Rights:				
2					
3	Land for Hawthorn Ash Pond Expansion in	1996		3,651,071	
4	Jackson Co., Missouri				
5					
6	Site of future Ash Pond at Iatan Station in	1998		502,529	
7	Platte Co., Missouri				
8					
9	KCPL Campus Land 50 Hwy & I-470	2008		3,002,060	
10					
11	Property with original cost of less than \$250,000			561,040	
12					
13					
14					
15					
16					
17					
18					
19					
20					
21	Other Property:				
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					
47	Total				7,716,700

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) 04/19/2010	Year/Period of Report End of 2009/Q4
CONSTRUCTION WORK IN PROGRESS - - ELECTRIC (Account 107)					
1. Report below descriptions and balances at end of year of projects in process of construction (107) 2. Show items relating to "research, development, and demonstration" projects last, under a caption Research, Development, and Demonstrating (see Account 107 of the Uniform System of Accounts) 3. Minor projects (5% of the Balance End of the Year for Account 107 or \$1,000,000, whichever is less) may be grouped.					
Line No.	Description of Project (a)				Construction work in progress - Electric (Account 107) (b)
1	Iatan Station - Iatan 2 465MW Unit				883,738,862
2	Wind Generation 100MW 2008				87,450,014
3	Spearville Wind Farm - Substation #716 Expansion				3,955,390
4	Selective Catalytic Reduction Replacement				1,078,085
5	Reagent Sump Discharge Line				1,594,359
6	LaCygne Unit 1 Furnace Wall and Floor Replacement				2,267,905
7	LaCygne Unit 1 Cyclone Replacement				6,239,508
8	LaCygne Unit 1 Horizontal Reheater and Primary Superheater Replacement				4,878,998
9	Iatan Unit 1 Environmental Upgrade				3,172,207
10	Wolf Creek - ETAP Power System Analysis Software				2,012,689
11	Wolf Creek - Feedwater Check Valves				2,211,391
12	Wolf Creek - Secondary Side Uprate				31,405,609
13	Wolf Creek - Turbine Supervisory Instrumentation				2,983,218
14	Iatan Unit 2 - 345KV South Bus Expansion				2,046,887
15	Iatan Common - 345KV North Bus Expansion				4,547,075
16	Install 4 Miles of 161KV Line - Aquila				4,873,185
17	Cedar Niles - Quarry 161KV Line				1,011,419
18	Midtown-Troost-Crosstown 161KV Transmission Line				5,919,142
19	Build New Keystone - Salisbury Substation #651				2,083,253
20	Carrollton 161-34KV Transformers				2,956,568
21	Build New Troost Substation #139				1,114,268
22	New 33 MVA Transformer and Switchgear Terrace - Substation #37				1,082,906
23	Westside Substation Conduit				1,518,572
24	Build New Railroad Substation #138				1,543,201
25	Asset Management				1,132,787
26	DSI and Condition Assessment Software				1,146,520
27	Dyanamic Voltage Control				1,508,652
28	One KC Place - Energy Center				1,765,554
29	Replace Mobile Data Laptops				1,010,916
30	Energy Management System Software/Hardware Upgrade				10,208,120
31	CIS Software Enhancements				4,314,012
32	Peoplesoft Financials 9.0 Software Upgrade				2,194,042
33					
34	Miscellaneous Projects Under \$1,000,000				59,204,941
35					
36					
37					
38					
39					
40					
41					
42					
43	TOTAL				1,144,170,255

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) 04/19/2010	Year/Period of Report End of 2009/Q4
ACCUMULATED PROVISION FOR DEPRECIATION OF ELECTRIC UTILITY PLANT (Account 108)					
<p>1. Explain in a footnote any important adjustments during year.</p> <p>2. Explain in a footnote any difference between the amount for book cost of plant retired, Line 11, column (c), and that reported for electric plant in service, pages 204-207, column 9d), excluding retirements of non-depreciable property.</p> <p>3. The provisions of Account 108 in the Uniform System of accounts require that retirements of depreciable plant be recorded when such plant is removed from service. If the respondent has a significant amount of plant retired at year end which has not been recorded and/or classified to the various reserve functional classifications, make preliminary closing entries to tentatively functionalize the book cost of the plant retired. In addition, include all costs included in retirement work in progress at year end in the appropriate functional classifications.</p> <p>4. Show separately interest credits under a sinking fund or similar method of depreciation accounting.</p>					
Section A. Balances and Changes During Year					
Line No.	Item (a)	Total (c+d+e) (b)	Electric Plant in Service (c)	Electric Plant Held for Future Use (d)	Electric Plant Leased to Others (e)
1	Balance Beginning of Year	2,630,739,982	2,630,739,982		
2	Depreciation Provisions for Year, Charged to				
3	(403) Depreciation Expense	158,448,413	158,448,413		
4	(403.1) Depreciation Expense for Asset Retirement Costs	1,237,923	1,237,923		
5	(413) Exp. of Elec. Plt. Leas. to Others				
6	Transportation Expenses-Clearing	2,582,013	2,582,013		
7	Other Clearing Accounts				
8	Other Accounts (Specify, details in footnote):	60,750,713	60,750,713		
9					
10	TOTAL Deprec. Prov for Year (Enter Total of lines 3 thru 9)	223,019,062	223,019,062		
11	Net Charges for Plant Retired:				
12	Book Cost of Plant Retired	66,572,852	66,572,852		
13	Cost of Removal	20,914,084	20,914,084		
14	Salvage (Credit)	14,520,105	14,520,105		
15	TOTAL Net Chrgs. for Plant Ret. (Enter Total of lines 12 thru 14)	72,966,831	72,966,831		
16	Other Debit or Cr. Items (Describe, details in footnote):	-305,129	-305,129		
17		1,590,989	1,590,989		
18	Book Cost or Asset Retirement Costs Retired				
19	Balance End of Year (Enter Totals of lines 1, 10, 15, 16, and 18)	2,782,078,073	2,782,078,073		
Section B. Balances at End of Year According to Functional Classification					
20	Steam Production	879,115,808	879,115,808		
21	Nuclear Production	736,983,495	736,983,495		
22	Hydraulic Production-Conventional				
23	Hydraulic Production-Pumped Storage				
24	Other Production	147,220,148	147,220,148		
25	Transmission	163,600,758	163,600,758		
26	Distribution	623,642,529	623,642,529		
27	Regional Transmission and Market Operation				
28	General	231,515,335	231,515,335		
29	TOTAL (Enter Total of lines 20 thru 28)	2,782,078,073	2,782,078,073		

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) 04/19/2010	Year/Period of Report 2009/Q4
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FOOTNOTE DATA			

Schedule Page: 219 Line No.: 8 Column: c

Pursuant to an order and agreement with the MPSC, KCP&L is to accrue additional depreciation annually through the in-service date of the Iatan 2 project. The amount accrued in 2009 was \$35,736,221.

Pursuant to an order and agreement with the Kansas Commission, KCP&L is to accrue additional depreciation annually through the in-service date of the Iatan 2 project. The amount accrued in 2009 was \$22,500,000.

Pursuant to an order with the MPSC, KCP&L is to record to regulatory asset account 182 the depreciation expense relating to costs for the Iatan 1 AQCS and Common projects that are not yet in rate base. The amount recorded for 2009 was \$1,314,899.

Pursuant to an order with the Kansas Commission, KCP&L is to record to regulatory asset account 182.3 depreciation expense relating to costs for the Iatan 1 AQCS and Common projects that are not yet in rate base. The amount recorded for 2009 was \$245,478.

The provision for Unit Trains, \$954,115, is charged to Fuel Inventory.

Schedule Page: 219 Line No.: 12 Column: c

Book cost of plant retired shown is \$2,382,123 less than total retirements shown on Page 207, Line 104, column (d), because Page 219 is only for Account 108, which does not include retirements for intangibles, software, land rights, or leasehold improvements accounted for in Account 111.

Schedule Page: 219 Line No.: 16 Column: c

In 2009, activity affecting the Reserve that did not run through the provision are as follows:

Reserve decreased by \$305,129 for Asset Retirement Costs related to Hawthorn asbestos removal.

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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INVESTMENTS IN SUBSIDIARY COMPANIES (Account 123.1)

1. Report below investments in Accounts 123.1, investments in Subsidiary Companies.

2. Provide a subheading for each company and List there under the information called for below. Sub - TOTAL by company and give a TOTAL in columns (e),(f),(g) and (h)

(a) Investment in Securities - List and describe each security owned. For bonds give also principal amount, date of issue, maturity and interest rate.

(b) Investment Advances - Report separately the amounts of loans or investment advances which are subject to repayment, but which are not subject to current settlement. With respect to each advance show whether the advance is a note or open account. List each note giving date of issuance, maturity date, and specifying whether note is a renewal.

3. Report separately the equity in undistributed subsidiary earnings since acquisition. The TOTAL in column (e) should equal the amount entered for Account 418.1.

Line No.	Description of Investment (a)	Date Acquired (b)	Date Of Maturity (c)	Amount of Investment at Beginning of Year (d)
1	Kansas City Power & Light Receivables Company			3,000,000
2	Income (Loss) from Subsidiary			-2,538,863
3				
4				
5				
6				
7				
8				
9				
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11				
12				
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15				
16				
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36				
37				
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39				
40				
41				
42	Total Cost of Account 123.1 \$	0	TOTAL	461,137

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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INVESTMENTS IN SUBSIDIARY COMPANIES (Account 123.1) (Continued)

4. For any securities, notes, or accounts that were pledged designate such securities, notes, or accounts in a footnote, and state the name of pledgee and purpose of the pledge.
5. If Commission approval was required for any advance made or security acquired, designate such fact in a footnote and give name of Commission, date of authorization, and case or docket number.
6. Report column (f) interest and dividend revenues from investments, including such revenues from securities disposed of during the year.
7. In column (h) report for each investment disposed of during the year, the gain or loss represented by the difference between cost of the investment (or the other amount at which carried in the books of account if difference from cost) and the selling price thereof, not including interest adjustment includible in column (f).
8. Report on Line 42, column (a) the TOTAL cost of Account 123.1

Equity in Subsidiary Earnings of Year (e)	Revenues for Year (f)	Amount of Investment at End of Year (g)	Gain or Loss from Investment Disposed of (h)	Line No.
		3,000,000		1
3,318,809		779,947		2
				3
				4
				5
				6
				7
				8
				9
				10
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				34
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				36
				37
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				41
3,318,809		3,779,947		42

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) 04/19/2010	Year/Period of Report End of <u>2009/Q4</u>
MATERIALS AND SUPPLIES					
<p>1. For Account 154, report the amount of plant materials and operating supplies under the primary functional classifications as indicated in column (a); estimates of amounts by function are acceptable. In column (d), designate the department or departments which use the class of material.</p> <p>2. Give an explanation of important inventory adjustments during the year (in a footnote) showing general classes of material and supplies and the various accounts (operating expenses, clearing accounts, plant, etc.) affected debited or credited. Show separately debit or credits to stores expense clearing, if applicable.</p>					
Line No.	Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Department or Departments which Use Material (d)	
1	Fuel Stock (Account 151)	51,681,377	45,596,392		
2	Fuel Stock Expenses Undistributed (Account 152)				
3	Residuals and Extracted Products (Account 153)				
4	Plant Materials and Operating Supplies (Account 154)				
5	Assigned to - Construction (Estimated)				
6	Assigned to - Operations and Maintenance				
7	Production Plant (Estimated)				
8	Transmission Plant (Estimated)				
9	Distribution Plant (Estimated)				
10	Regional Transmission and Market Operation Plant (Estimated)				
11	Assigned to - Other (provide details in footnote)	67,621,560	77,856,217	All Departments	
12	TOTAL Account 154 (Enter Total of lines 5 thru 11)	67,621,560	77,856,217		
13	Merchandise (Account 155)				
14	Other Materials and Supplies (Account 156)				
15	Nuclear Materials Held for Sale (Account 157) (Not applic to Gas Util)				
16	Stores Expense Undistributed (Account 163)	628,441	6,949,219		
17					
18					
19					
20	TOTAL Materials and Supplies (Per Balance Sheet)	119,931,378	130,401,828		

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) 04/19/2010	Year/Period of Report 2009/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 227 Line No.: 11 Column: c

Information requested for lines 5-11 is not available. The level of material and supplies inventory is determined by the maintenance needs of plant in service and is at the level required to ensure that KCP&L may provide good system reliability. The size of inventory on hand is not determined by the level of new construction activity.

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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Allowances (Accounts 158.1 and 158.2)

- Report below the particulars (details) called for concerning allowances.
- Report all acquisitions of allowances at cost.
- Report allowances in accordance with a weighted average cost allocation method and other accounting as prescribed by General Instruction No. 21 in the Uniform System of Accounts.
- Report the allowances transactions by the period they are first eligible for use: the current year's allowances in columns (b)-(c), allowances for the three succeeding years in columns (d)-(i), starting with the following year, and allowances for the remaining succeeding years in columns (j)-(k).
- Report on line 4 the Environmental Protection Agency (EPA) issued allowances. Report withheld portions Lines 36-40.

Line No.	SO2 Allowances Inventory (Account 158.1) (a)	Current Year		2010	
		No. (b)	Amt. (c)	No. (d)	Amt. (e)
1	Balance-Beginning of Year	184,093.00		69,128.00	
2					
3	Acquired During Year:				
4	Issued (Less Withheld Allow)				
5	Returned by EPA				
6					
7					
8	Purchases/Transfers:				
9					
10					
11					
12					
13					
14					
15	Total				
16					
17	Relinquished During Year:				
18	Charges to Account 509	15,527.00			
19	Other:				
20					
21	Cost of Sales/Transfers:				
22	CS Exchange				
23	KCP&L GMO	216.00			
24	Empire District Electric	144.00			
25	Westar	4,807.00			
26					
27					
28	Total	5,167.00			
29	Balance-End of Year	163,399.00		69,128.00	
30					
31	Sales:				
32	Net Sales Proceeds(Assoc. Co.)				
33	Net Sales Proceeds (Other)				
34	Gains				
35	Losses				
	Allowances Withheld (Acct 158.2)				
36	Balance-Beginning of Year	1,992.00		1,992.00	
37	Add: Withheld by EPA				
38	Deduct: Returned by EPA				
39	Cost of Sales	1,992.00			
40	Balance-End of Year			1,992.00	
41					
42	Sales:				
43	Net Sales Proceeds (Assoc. Co.)				
44	Net Sales Proceeds (Other)		76,120		
45	Gains				
46	Losses				

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) 04/19/2010		Year/Period of Report End of 2009/Q4		
Allowances (Accounts 158.1 and 158.2) (Continued)								
6. Report on Lines 5 allowances returned by the EPA. Report on Line 39 the EPA's sales of the withheld allowances. Report on Lines 43-46 the net sales proceeds and gains/losses resulting from the EPA's sale or auction of the withheld allowances. 7. Report on Lines 8-14 the names of vendors/transferrors of allowances acquire and identify associated companies (See "associated company" under "Definitions" in the Uniform System of Accounts). 8. Report on Lines 22 - 27 the name of purchasers/ transferees of allowances disposed of an identify associated companies. 9. Report the net costs and benefits of hedging transactions on a separate line under purchases/transfers and sales/transfers. 10. Report on Lines 32-35 and 43-46 the net sales proceeds and gains or losses from allowance sales.								
2011		2012		Future Years		Totals		Line
No. (f)	Amt. (g)	No. (h)	Amt. (i)	No. (j)	Amt. (k)	No. (l)	Amt. (m)	No.
69,128.00		69,128.00		1,778,651.00		2,170,128.00		1
								2
								3
				69,128.00		69,128.00		4
								5
								6
								7
								8
								9
								10
								11
								12
								13
								14
								15
								16
								17
						15,527.00		18
								19
								20
								21
								22
						216.00		23
						144.00		24
						4,807.00		25
								26
								27
						5,167.00		28
69,128.00		69,128.00		1,847,779.00		2,218,562.00		29
								30
								31
								32
								33
								34
								35
1,992.00		1,992.00		51,792.00		59,760.00		36
				1,992.00		1,992.00		37
								38
						1,992.00		39
1,992.00		1,992.00		53,784.00		59,760.00		40
								41
								42
								43
							76,120	44
								45
								46

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) 04/19/2010	Year/Period of Report 2009/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 228 Line No.: 18 Column: b

The allowances relinquished in 2009 include a reduction of 20,761 allowances related to 2008.

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Allowances (Accounts 158.1 and 158.2)

1. Report below the particulars (details) called for concerning allowances.
2. Report all acquisitions of allowances at cost.
3. Report allowances in accordance with a weighted average cost allocation method and other accounting as prescribed by General Instruction No. 21 in the Uniform System of Accounts.
4. Report the allowances transactions by the period they are first eligible for use: the current year's allowances in columns (b)-(c), allowances for the three succeeding years in columns (d)-(i), starting with the following year, and allowances for the remaining succeeding years in columns (j)-(k).
5. Report on line 4 the Environmental Protection Agency (EPA) issued allowances. Report withheld portions Lines 36-40.

Line No.	NOx Allowances Inventory (Account 158.1) (a)	Current Year		2010	
		No. (b)	Amt. (c)	No. (d)	Amt. (e)
1	Balance-Beginning of Year	14,989.00		14,989.00	
2					
3	Acquired During Year:				
4	Issued (Less Withheld Allow)	422.00			
5	Returned by EPA				
6					
7					
8	Purchases/Transfers:				
9					
10					
11					
12					
13					
14					
15	Total				
16					
17	Relinquished During Year:				
18	Charges to Account 509	14,191.00			
19	Other:				
20					
21	Cost of Sales/Transfers:				
22	KCP&L GMO	157.00			
23	Empire District	104.00			
24					
25					
26					
27					
28	Total	261.00			
29	Balance-End of Year	959.00		14,989.00	
30					
31	Sales:				
32	Net Sales Proceeds(Assoc. Co.)				
33	Net Sales Proceeds (Other)				
34	Gains				
35	Losses				
	Allowances Withheld (Acct 158.2)				
36	Balance-Beginning of Year				
37	Add: Withheld by EPA				
38	Deduct: Returned by EPA				
39	Cost of Sales				
40	Balance-End of Year				
41					
42	Sales:				
43	Net Sales Proceeds (Assoc. Co.)				
44	Net Sales Proceeds (Other)				
45	Gains				
46	Losses				

Allowances (Accounts 158.1 and 158.2) (Continued)

6. Report on Lines 5 allowances returned by the EPA. Report on Line 39 the EPA's sales of the withheld allowances. Report on Lines 43-46 the net sales proceeds and gains/losses resulting from the EPA's sale or auction of the withheld allowances.

7. Report on Lines 8-14 the names of vendors/transferrors of allowances acquire and identify associated companies (See "associated company" under "Definitions" in the Uniform System of Accounts).

8. Report on Lines 22 - 27 the name of purchasers/ transferees of allowances disposed of an identify associated companies.

9. Report the net costs and benefits of hedging transactions on a separate line under purchases/transfers and sales/transfers.

10. Report on Lines 32-35 and 43-46 the net sales proceeds and gains or losses from allowance sales.

2011		2012		Future Years		Totals		Line
No. (f)	Amt. (g)	No. (h)	Amt. (i)	No. (j)	Amt. (k)	No. (l)	Amt. (m)	No.
14,989.00		14,989.00		29,978.00		89,934.00		1
								2
								3
						422.00		4
								5
								6
								7
								8
								9
								10
								11
								12
								13
								14
								15
								16
								17
						14,191.00		18
								19
								20
								21
						157.00		22
						104.00		23
								24
								25
								26
								27
						261.00		28
14,989.00		14,989.00		29,978.00		75,904.00		29
								30
								31
								32
								33
								34
								35
								36
								37
								38
								39
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								45
								46

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) 04/19/2010	Year/Period of Report 2009/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

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Ending balance made up of:

Seasonal allowances	23,777
Annual allowances	52,127
 Total	 75,904

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EXTRAORDINARY PROPERTY LOSSES (Account 182.1)						
Line No.	Description of Extraordinary Loss [Include in the description the date of Commission Authorization to use Acc 182.1 and period of amortization (mo, yr to mo, yr).] (a)	Total Amount of Loss (b)	Losses Recognised During Year (c)	WRITTEN OFF DURING YEAR		Balance at End of Year (f)
				Account Charged (d)	Amount (e)	
1	None					
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20	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) 04/19/2010		Year/Period of Report End of 2009/Q4	
UNRECOVERED PLANT AND REGULATORY STUDY COSTS (182.2)							
Line No.	Description of Unrecovered Plant and Regulatory Study Costs [Include in the description of costs, the date of Commission Authorization to use Acc 182.2 and period of amortization (mo, yr to mo, yr)] (a)	Total Amount of Charges (b)	Costs Recognised During Year (c)	WRITTEN OFF DURING YEAR		Balance at End of Year (f)	
				Account Charged (d)	Amount (e)		
21	None						
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							
47							
48							
49	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) 04/19/2010	Year/Period of Report End of 2009/Q4
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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	Transmission Studies				
2	None				
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21	Generation Studies				
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) 04/19/2010	Year/Period of Report End of 2009/Q4	
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	Balance at Beginning of Current Quarter/Year	Debits	CREDITS		Balance at end of Current Quarter/Year
	(a)	(b)	(c)	Written off During the Quarter/Year Account Charged	Written off During the Period Amount	(f)
				(d)	(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	21,108,423	2,677,349			23,785,772
5						
6						
7	Deferred Regulatory Asset-Recoverable Taxes:					
8	Gross up of tax related items to be recovered					
9	from future rate payers	172,041,165	29,385,123			201,426,288
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	435,575,601	29,479,128	926, 107	56,517,038	408,537,691
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.	13,866,257	9,669,758	908	1,014,919	22,521,096
24						
25						
26	Kansas Docket No. 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.	8,687,220	9,108,297	908	4,965,579	12,829,938
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					
42	4 years for Kansas beginning January 1, 2007	608,659		928	304,329	304,330
43						
44	TOTAL	694,195,405	96,710,522		68,262,626	722,643,301

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) 04/19/2010		Year/Period of Report End of 2009/Q4	
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-2007-0291 and						
2	Kansas Docket No. 07-KCPE-905-RTS:						
3	Deferred costs associated with the 2007 rate case						
4	preparation and presentation to the Missouri						
5	Public Service Commission and Kansas Corporation						
6	Commission to be amortized over 2 years for						
7	Missouri and 4 years for Kansas, beginning						
8	January 1, 2008	1,354,522		928	917,280	437,242	
9							
10							
11	Missouri Case No. ER-2009-0089 and						
12	Kansas Docket No. 09-KCPE-246-RTS:						
13	Deferred costs associated with the 2008 rate case						
14	preparation and presentation to the Missouri						
15	Public Service Commission and Kansas Corporation						
16	Commission to be amortized over 2 years for						
17	Missouri beginning September 1, 2009 and 4 years						
18	for Kansas beginning August 1, 2009	898,104	2,462,186	928	415,405	2,944,885	
19							
20							
21	Deferred costs associated with the 2010 rate case						
22	preparation and presentation to the Missouri Public						
23	Service Commission and Kansas Corporation						
24	Commission (Kansas Docket No. 10-KCPE-415-RTS)		3,677,565			3,677,565	
25							
26							
27	Kansas Docket No. 06-KCPE-828-RTS:						
28	Deferred costs associated with the talent						
29	assessment to be amortized over 10 years						
30	beginning January 1, 2007	173,417		923	21,677	151,740	
31							
32							
33	Missouri Case No. ER-2006-0314:						
34	Represents the Missouri jurisdictional non-labor						
35	expenses charged to the strategic initiative						
36	projects. These costs are being amortized over 5						
37	years beginning January 1, 2007.	1,199,497		923	399,833	799,664	
38							
39							
40							
41							
42							
43							
44	TOTAL	694,195,405	96,710,522		68,262,626	722,643,301	

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) 04/19/2010	Year/Period of Report End of 2009/Q4	
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 Written off During the Quarter/Year Account Charged (d) Written off During the Period Amount (e)		Balance at end of Current Quarter/Year (f)
1	Missouri Case No. ER-2007-0291:					
2	Missouri jurisdictional expenses incurred relating					
3	to the research and development tax credit					
4	studies. These costs will be amortized over					
5	5 years beginning September 1, 2009.	394,228		923	26,282	367,946
6						
7						
8	Kansas Docket No. 07-KCPE-905-RTS:					
9	Kansas jurisdictional Talent Assessment					
10	costs to be amortized over 10 years					
11	beginning January 1, 2008	3,623,476		920	402,609	3,220,867
12						
13						
14	Kansas Docket No. 07-KCPE-905-RTS:					
15	Kansas jurisdictional Employment Augmentation					
16	Programs to be amortized over 10 years					
17	beginning January 1, 2008	237,765		923	26,419	211,346
18						
19						
20	Missouri Case No. ER-2007-0291:					
21	Missouri jurisdictional Talent Assessment					
22	costs to be amortized over 5 years					
23	beginning January 1, 2008	3,872,414		920	968,104	2,904,310
24						
25						
26	Missouri Case No. ER-2007-0291:					
27	Missouri jurisdictional deferred advertising					
28	costs to be amortized over 2 years beginning					
29	January 1, 2008	130,848		908, 909	130,848	
30						
31						
32	Kansas Docket No. 07-KCPE-905-RTS:					
33	Energy Cost Adjustment	1,614,332		various	940,371	673,961
34						
35						
36	Kansas Docket No. 07-BHCG-1063-ACQ:					
37	Kansas jurisdictional transition costs for Great					
38	Plains Energy's acquisition of Aquila	10,000,000				10,000,000
39						
40						
41						
42						
43						
44	TOTAL	694,195,405	96,710,522		68,262,626	722,643,301

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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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. EM-2007-0374:					
2	Missouri jurisdictional transition costs for Great					
3	Plains Energy's acquisition of Aquila.	15,515,751	3,735,735			19,251,486
4						
5						
6	Kansas Docket No. 09-KCPE-246-RTS:					
7	Kansas jurisdictional difference between allowed					
8	rate base and financial costs booked for Iatan I					
9	and Iatan Common		706,884			706,884
10						
11						
12	Missouri Case No. ER-2009-0089:					
13	Missouri jurisdictional difference between allowed					
14	rate base and financial costs booked for Iatan I					
15	and Iatan Common		3,941,185			3,941,185
16						
17						
18	Missouri Case No. ER-2009-0089:					
19	Defer refueling costs at Wolf Creek Nuclear					
20	Operating Corporation to be amortized over 5 years					
21	beginning September 1, 2009		1,570,581	524, 530	104,705	1,465,876
22						
23						
24	Missouri Case No. ER-2009-0089:					
25	Missouri jurisdictional deferred 2007 DSM					
26	advertising costs to be amortized over 10 years					
27	beginning September 1, 2009		279,521	909	9,318	270,203
28						
29						
30	Missouri Case No. ER-2009-0089:					
31	Deferred 50% cost of the Economic Relief Pilot					
32	Program until the next general rate case, with					
33	cost recovery determined at that time		17,210			17,210
34						
35						
36	Other / Minor Regulatory Asset Items	3,293,726		921, 524	1,097,910	2,195,816
37						
38						
39						
40						
41						
42						
43						
44	TOTAL	694,195,405	96,710,522		68,262,626	722,643,301

MISCELLANEOUS DEFERRED DEBITS (Account 186)

1. Report below the particulars (details) called for concerning miscellaneous deferred debits.
2. For any deferred debit being amortized, show period of amortization in column (a)
3. Minor item (1% of the Balance at End of Year for Account 186 or amounts less than \$100,000, whichever is less) may be grouped by classes.

Line No.	Description of Miscellaneous Deferred Debits (a)	Balance at Beginning of Year (b)	Debits (c)	CREDITS		Balance at End of Year (f)
				Account Charged (d)	Amount (e)	
1	Billing Work Orders	1,026,910	23,108,744	Various	5,381,765	18,753,889
2						
3	OPEB ASC 715	1,518,064	575,766	Various	276,753	1,817,077
4	OPEB ASC 715 - Partners' Share	-86,158	316,753	Various	454,523	-223,928
5						
6	GMO portion of Iatan Retention	25,678,833	32,268,312	Various	38,202,281	19,744,864
7						
8	Misc. Work Orders, Other	1,467,199	369,022	Various	1,811,870	24,351
9						
10	Miscellaneous, Other	18,382	5,134	Various	23,316	200
11						
12						
13						
14						
15						
16						
17						
18						
19						
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42						
43						
44						
45						
46						
47	Misc. Work in Progress	-24,733				16,894
48	Deferred Regulatory Comm. Expenses (See pages 350 - 351)					
49	TOTAL	29,598,497				40,133,347

ACCUMULATED DEFERRED INCOME TAXES (Account 190)

1. Report the information called for below concerning the respondent's accounting for deferred income taxes.
 2. At Other (Specify), include deferrals relating to other income and deductions.

Line No.	Description and Location (a)	Balance of Beginning of Year (b)	Balance at End of Year (c)
1	Electric		
2	Accumulated Deferred Income Taxes - Federal	284,221,454	412,358,130
3	Accumulated Deferred Income Taxes - State	44,575,042	56,595,973
4			
5			
6			
7	Other		
8	TOTAL Electric (Enter Total of lines 2 thru 7)	328,796,496	468,954,103
9	Gas		
10	Accumulated Deferred Income Taxes - Federal	11,505	
11	Accumulated Deferred income Taxes - State	2,078	
12			
13			
14			
15	Other		
16	TOTAL Gas (Enter Total of lines 10 thru 15)	13,583	
17	Other (Specify)		
18	TOTAL (Acct 190) (Total of lines 8, 16 and 17)	328,810,079	468,954,103

Notes

Balance at Beginning of Year	\$328,810,079
Reclass per FA96-19-000	
See Account 282	7,550,006
See Account 283	47,319,102
Less: Amount Credited to Account 411.1	
Federal & State Income Taxes	1,254,126
Plus: Amount Credited to Account 410.1	
Federal & State Income Taxes	61,700,495
Plus: FAS 109 (ASC 740) debited to account 254	24,861,265
Reclass to/from accounts 282 & 283	203,009
Purchase accounting	1,550
Less: Other comprehensive income - Gas Hedging	136,065
Inter-Unit transfers	101,212
Balance at End of Year	\$468,954,103

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) 04/19/2010	Year/Period of Report 2009/Q4
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FOOTNOTE DATA			

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		2009
<u>Accumulated Deferred Income Tax Utility Oper Other</u>		<u>YE Balance</u>
190200	AFDC Debt not in service	254,834
	Bad Debt	7
	Bond refunding amortization	66,807
	Bonus Pay Accrual	109,382
	Customer Advances (Retail)	815,501
	Def Liability - Lease 1 KC Place	9,239,192
	Deferred Compensation - (Current)	157,725
	Deferred Compensation - Non-current	6,358,332
	Emission credit sales net of coal premium	34,104,866
	FAS 106 Postretirement Benefits	13,638,460
	FIN 48 Adjustments	893,982
	Injuries and Damages	902,262
	Interest Rate Lock - OCI Interest	26,559,371
	Interest Rate Lock - through P&L	848,752
	KS & MO Additional Credit Amort	51,082,768
	MTM - Interest Rate Lock	9,987,843
	Miscellaneous Accruals	9,631
	Partnership entries	3,248
	Prior Years Depr Adj (Combustion Turbine)	3,381,650
	Reclass from 282 for Debit balances	68,756,103
	Retail Regulatory Assets/Liabilities	2,198,387
	Stock Compensation Accrual	3,549,609
	Tax gross up on CIACs	3,197,186
	Tax Interest (FIN 48 & other contingencies)	475,049
	Tax Interest Capitalized in CWIP	17,534,867
	Vacation Accrual	7,056,714
	Wolf Creek Decomm Costs	245,963
190300	Federal NOL	612,739
190301	State NOL	29,120
190500	GBC Tax Credit Carryforward (Generation)	97,594,633
190601	FASB 109 Adjustment	95,642,515
190602	FASB 109 MO R&D Credit Deferred	576,721
190603	FASB 109 Medicare Subsidies	13,069,884
	Total	468,954,103

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CAPITAL STOCKS (Account 201 and 204)

1. Report below the particulars (details) called for concerning common and preferred stock at end of year, distinguishing separate series of any general class. Show separate totals for common and preferred stock. If information to meet the stock exchange reporting requirement outlined in column (a) is available from the SEC 10-K Report Form filing, a specific reference to report form (i.e., year and company title) may be reported in column (a) provided the fiscal years for both the 10-K report and this report are compatible.

2. Entries in column (b) should represent the number of shares authorized by the articles of incorporation as amended to end of year.

Line No.	Class and Series of Stock and Name of Stock Series (a)	Number of shares Authorized by Charter (b)	Par or Stated Value per share (c)	Call Price at End of Year (d)
1	A/C 201 - Common Stock - No Par	1,000		
2				
3				
4	TOTAL COMMON	1,000		
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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) 04/19/2010	Year/Period of Report End of 2009/Q4
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CAPITAL STOCKS (Account 201 and 204) (Continued)

3. Give particulars (details) concerning shares of any class and series of stock authorized to be issued by a regulatory commission which have not yet been issued.

4. The identification of each class of preferred stock should show the dividend rate and whether the dividends are cumulative or non-cumulative.

5. State in a footnote if any capital stock which has been nominally issued is nominally outstanding at end of year.

Give particulars (details) in column (a) of any nominally issued capital stock, reacquired stock, or stock in sinking and other funds which is pledged, stating name of pledgee and purposes of pledge.

OUTSTANDING PER BALANCE SHEET (Total amount outstanding without reduction for amounts held by respondent)		HELD BY RESPONDENT				Line No.
		AS REACQUIRED STOCK (Account 217)		IN SINKING AND OTHER FUNDS		
Shares (e)	Amount (f)	Shares (g)	Cost (h)	Shares (i)	Amount (j)	
1	487,041,247					1
						2
						3
1	487,041,247					4
						5
						6
						7
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						42

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) 04/19/2010	Year/Period of Report End of 2009/Q4
OTHER PAID-IN CAPITAL (Accounts 208-211, inc.)					
Report below the balance at the end of the year and the information specified below for the respective other paid-in capital accounts. Provide a subheading for each account and show a total for the account, as well as total of all accounts for reconciliation with balance sheet, Page 112. Add more columns for any account if deemed necessary. Explain changes made in any account during the year and give the accounting entries effecting such change.					
(a) Donations Received from Stockholders (Account 208)-State amount and give brief explanation of the origin and purpose of each donation.					
(b) Reduction in Par or Stated value of Capital Stock (Account 209): State amount and give brief explanation of the capital change which gave rise to amounts reported under this caption including identification with the class and series of stock to which related.					
(c) Gain on Resale or Cancellation of Reacquired Capital Stock (Account 210): Report balance at beginning of year, credits, debits, and balance at end of year with a designation of the nature of each credit and debit identified by the class and series of stock to which related.					
(d) Miscellaneous Paid-in Capital (Account 211)-Classify amounts included in this account according to captions which, together with brief explanations, disclose the general nature of the transactions which gave rise to the reported amounts.					
Line No.	Item (a)				Amount (b)
1	A/C 208 - Donations received from Stockholders				
2					
3	A/C 209 - Reduction in Par of Stated Value of Capital Stock				
4					
5	A/C 210 - Gain on Resale or Cancellation of Reacquired Capital Stock				
6					
7	A/C 211 - Miscellaneous Paid-In Capital, December 31, 2008				828,614,704
8	Equity Investment in KCP&L by Great Plains Energy, Inc.				247,500,000
9	Subtotal Balance - December 31, 2009				1,076,114,704
10					
11					
12					
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19					
20					
21					
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26					
27					
28					
29					
30					
31					
32					
33					
34					
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36					
37					
38					
39					
40	TOTAL				1,076,114,704

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) 04/19/2010	Year/Period of Report End of 2009/Q4
CAPITAL STOCK EXPENSE (Account 214)					
<p>1. Report the balance at end of the year of discount on capital stock for each class and series of capital stock.</p> <p>2. If any change occurred during the year in the balance in respect to any class or series of stock, attach a statement giving particulars (details) of the change. State the reason for any charge-off of capital stock expense and specify the account charged.</p>					
Line No.	Class and Series of Stock (a)				Balance at End of Year (b)
1	None				
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
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20					
21					
22	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) 04/19/2010	Year/Period of Report End of 2009/Q4
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LONG-TERM DEBT (Account 221, 222, 223 and 224)

1. Report by balance sheet account the particulars (details) concerning long-term debt included in Accounts 221, Bonds, 222, Reacquired Bonds, 223, Advances from Associated Companies, and 224, Other long-Term Debt.
2. In column (a), for new issues, give Commission authorization numbers and dates.
3. For bonds assumed by the respondent, include in column (a) the name of the issuing company as well as a description of the bonds.
4. For advances from Associated Companies, report separately advances on notes and advances on open accounts. Designate demand notes as such. Include in column (a) names of associated companies from which advances were received.
5. For receivers, certificates, show in column (a) the name of the court -and date of court order under which such certificates were issued.
6. In column (b) show the principal amount of bonds or other long-term debt originally issued.
7. In column (c) show the expense, premium or discount with respect to the amount of bonds or other long-term debt originally issued.
8. For column (c) the total expenses should be listed first for each issuance, then the amount of premium (in parentheses) or discount. Indicate the premium or discount with a notation, such as (P) or (D). The expenses, premium or discount should not be netted.
9. Furnish in a footnote particulars (details) regarding the treatment of unamortized debt expense, premium or discount associated with issues redeemed during the year. Also, give in a footnote the date of the Commission's authorization of treatment other than as specified by the Uniform System of Accounts.

Line No.	Class and Series of Obligation, Coupon Rate (For new issue, give commission Authorization numbers and dates) (a)	Principal Amount Of Debt issued (b)	Total expense, Premium or Discount (c)
1	Pledged in Support of Pollution Control Bonds:		
2	Variable Rate 1992 Series Due 2017	31,000,000	1,421,702
3	Variable Rate 1993 Series Due 2012	12,366,000	288,784
4	Variable Rate 1993 Series A Due 2023	40,000,000	957,310
5	Variable Rate 1993 Series B Due 2023	39,480,000	943,421
6	Variable Rate 1994 Series Due 2015	13,982,500	427,145
7	Variable Rate 2005 Series Due 2035	21,940,000	560,697
8	SUBTOTAL	158,768,500	4,599,059
9	Secured Notes:		
10	Mortgage Bonds 7.15%	400,000,000	4,032,839
11	SUBTOTAL	400,000,000	4,032,839
12	Unsecured Notes:		
13	Senior Notes 6.50%	150,000,000	1,058,971
14	Senior Notes 6.50% Discount		223,500 D
15	Senior Notes 6.05%	250,000,000	2,259,054
16	Senior Notes 6.05% Discount		1,505,000 D
17	Senior Notes 5.85%	250,000,000	1,843,406
18	Senior Notes 5.85% Discount		420,000 D
19	Senior Notes 6.375%	350,000,000	2,566,730
20	Environmental Improvement Revenue Refunding Bonds:		
21	Variable Rate Series A Due 2035	73,250,000	961,789
22	Variable Rate Series B Due 2035	73,250,000	961,789
23	4.65% Fixed Rate Series C Due 2035	50,000,000	1,337,086
24	Variable Rate Series A-2 Due 2035	10,000,000	95,429
25	Missouri Tax-Exempt Series 2008 Due 2038	23,400,000	408,088
26	SUBTOTAL	1,229,900,000	13,640,842
27	Other Long-Term Debt (Account 224):		
28	MODOT Highway Bridge	3,491,904	
29	SUBTOTAL	3,491,904	
30			
31			
32			
33	TOTAL	1,792,160,404	22,272,740

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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LONG-TERM DEBT (Account 221, 222, 223 and 224) (Continued)

10. Identify separate undisposed amounts applicable to issues which were redeemed in prior years.
11. Explain any debits and credits other than debited to Account 428, Amortization and Expense, or credited to Account 429, Premium on Debt - Credit.
12. In a footnote, give explanatory (details) for Accounts 223 and 224 of net changes during the year. With respect to long-term advances, show for each company: (a) principal advanced during year, (b) interest added to principal amount, and (c) principle repaid during year. Give Commission authorization numbers and dates.
13. If the respondent has pledged any of its long-term debt securities give particulars (details) in a footnote including name of pledgee and purpose of the pledge.
14. If the respondent has any long-term debt securities which have been nominally issued and are nominally outstanding at end of year, describe such securities in a footnote.
15. If interest expense was incurred during the year on any obligations retired or reacquired before end of year, include such interest expense in column (i). Explain in a footnote any difference between the total of column (i) and the total of Account 427, interest on Long-Term Debt and Account 430, Interest on Debt to Associated Companies.
16. Give particulars (details) concerning any long-term debt authorized by a regulatory commission but not yet issued.

Nominal Date of Issue (d)	Date of Maturity (e)	AMORTIZATION PERIOD		Outstanding (Total amount outstanding without reduction for amounts held by respondent) (h)	Interest for Year Amount (i)	Line No.
		Date From (f)	Date To (g)			
						1
091592	070117	091592	070117	31,000,000	1,624,427	2
101493	010212	101493	010212	12,366,000	494,640	3
120793	120123	120793	120123	40,000,000	1,974,000	4
120793	120123	120793	120123	39,480,000	2,100,000	5
022394	030115	030194	022815	13,982,000	567,844	6
090105	090135	090105	090135	21,940,000	1,023,044	7
				158,768,000	7,783,955	8
						9
040109	040119	040109	040119	400,000,000	26,123,903	10
				400,000,000	26,123,903	11
						12
111501	111511	111501	111511	150,000,000	9,750,000	13
						14
111705	111535	111705	111535	250,000,000	14,810,692	15
						16
060407	061517	060407	061517	250,000,000	14,293,502	17
						18
030108	030118	030108	030118	350,000,000	26,432,073	19
						20
091907	090135	091907	090135	63,250,000	3,241,562	21
091907	090135	091907	090135	73,250,000	3,937,188	22
090105	090135	090105	090135	50,000,000	2,331,458	23
030108	090135	030108	090135	10,000,000	500,000	24
050108	050138	050108	050138	23,400,000	1,146,600	25
				1,219,900,000	76,443,075	26
						27
052709	090118			3,491,904		28
				3,491,904		29
						30
						31
						32
				1,782,159,904	110,350,933	33

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Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 256 Line No.: 28 Column: i

The MODOT Highway Bridge note payable is a direct financing agreement with Missouri Transportation Finance Company. The interest expense incurred during the construction period will be considered part of the bridge capital expenditure. Interest incurred after construction is completed will be charged as an operating expense. Thus, no interest expense was recognized in 2009 on this note payable.

Schedule Page: 256 Line No.: 30 Column: i

Great Plains Energy
FERC Form 1 Footnote
December 31, 2009

The FERC transmission formula rate case proposes to use Great Plains Energy's Long-Term Debt Interest, Preferred Dividends and Capital Structure components, per Case No. ER10-230-000. This additional information has been disclosed in the footnote below.

Long-Term Debt Interest

Date	Interest on Long Term Debt	Amort of Debt Disc and Exp	Amort of Loss on Reacquired Debt	Amort of Premium on Debt-Credit	Amort of Gain on Reacquired Debt-Credit
01/31/09	16,591,232	262,728	36,647	0	0
02/28/09	15,969,731	263,457	36,648	0	0
03/31/09	16,657,058	272,897	36,647	0	0
04/30/09	18,821,106	271,878	36,647	0	0
05/31/09	18,949,970	315,101	36,647	0	0
06/30/09	18,816,909	396,059	36,647	0	0
07/31/09	24,873,587	394,516	36,647	0	0
08/31/09	21,337,297	395,499	36,647	0	0
09/30/09	21,341,507	395,837	36,648	0	0
10/31/09	21,324,097	395,911	36,648	0	0
11/30/09	21,092,068	390,640	36,648	0	0
12/31/09	20,882,538	390,640	36,648	0	0
Total	236,657,100	4,145,163	439,769	0	0

Preferred Dividends

Date	Balance
01/31/09	137,167
02/28/09	137,166
03/31/09	137,167
04/30/09	137,167
05/31/09	137,166
06/30/09	137,167
07/31/09	137,167
08/31/09	137,166
09/30/09	137,167
10/31/09	137,167
11/30/09	137,166
12/31/09	137,167
Total	1,646,000

Capital Structure Components

Date	Long Term Debt Balance of Consolidated GPE	Current Maturities LTD Balance of Consolidated GPE	Preferred Stock	Proprietary Capital	Treasury Stock	OCI Account 219	Noncontrolling interest
12/31/08	2,556,561,301	70,732,444	39,000,000	2,589,632,575	(3,566,401)	(53,478,683)	992,389
01/31/09	2,553,715,152	70,732,444	39,000,000	2,597,843,239	(3,556,945)	(53,383,419)	992,389
02/28/09	2,550,020,774	70,732,444	39,000,000	2,574,092,144	(6,238,525)	(53,433,142)	992,389
03/31/09	2,946,743,524	70,517,397	39,000,000	2,639,785,166	(6,233,569)	(52,723,933)	992,389

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)	Year/Period of Report
Kansas City Power & Light Company		04/19/2010	2009/Q4
FOOTNOTE DATA			

04/30/09	2,943,993,232	70,417,811	39,000,000	2,637,457,541	(6,230,992)	(52,349,535)	1,086,990
05/31/09	3,228,650,682	70,417,811	39,000,000	2,752,787,853	(6,230,992)	(51,495,627)	1,086,990
06/30/09	3,226,117,409	70,199,006	39,000,000	2,781,848,741	(6,226,040)	(50,860,263)	1,086,930
07/31/09	3,223,353,720	70,097,447	39,000,000	2,784,053,294	(6,349,352)	(50,356,886)	1,167,744
08/31/09	3,220,590,031	70,097,447	39,000,000	2,820,607,637	(6,347,740)	(49,584,366)	1,167,744
09/30/09	3,221,187,855	70,094,924	39,000,000	2,838,133,179	(6,330,573)	(49,066,725)	1,167,683
10/31/09	3,218,424,166	70,094,924	39,000,000	2,816,271,312	(6,236,091)	(48,479,108)	1,230,643
11/30/09	3,215,750,192	1,605,922	39,000,000	2,819,847,347	(6,102,861)	(48,019,484)	1,230,643
12/31/09	3,212,963,080	1,345,106	39,000,000	2,832,720,025	(5,493,261)	(44,871,932)	1,165,599
13 Month Ave	3,024,467,009	59,775,779	39,000,000	2,729,621,543	(5,780,257)	(50,623,316)	1,104,656

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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RECONCILIATION OF REPORTED NET INCOME WITH TAXABLE INCOME FOR FEDERAL INCOME TAXES

1. Report the reconciliation of reported net income for the year with taxable income used in computing Federal income tax accruals and show computation of such tax accruals. Include in the reconciliation, as far as practicable, the same detail as furnished on Schedule M-1 of the tax return for the year. Submit a reconciliation even though there is no taxable income for the year. Indicate clearly the nature of each reconciling amount.

2. If the utility is a member of a group which files a consolidated Federal tax return, reconcile reported net income with taxable net income as if a separate return were to be filed, indicating, however, intercompany amounts to be eliminated in such a consolidated return. State names of group member, tax assigned to each group member, and basis of allocation, assignment, or sharing of the consolidated tax among the group members.

3. A substitute page, designed to meet a particular need of a company, may be used as long as the data is consistent and meets the requirements of the above instructions. For electronic reporting purposes complete Line 27 and provide the substitute Page in the context of a footnote.

Line No.	Particulars (Details) (a)	Amount (b)
1	Net Income for the Year (Page 117)	128,890,834
2		
3		
4	Taxable Income Not Reported on Books	
5	Contributions in Aid of Construction	6,515,370
6	Emission Allowances Sold	-269,408
7	Deferred Liability - Lease 1 KC Place	23,751,137
8		
9	Deductions Recorded on Books Not Deducted for Return	
10	Income Tax Provision	44,791,331
11	Employee Pensions	21,615,594
12	Equity in Subsidiaries	-3,318,809
13	Other	4,215,442
14	Income Recorded on Books Not Included in Return	
15	AFDC	47,821,125
16	Company Owned Life Insurance	1,874,749
17		
18		
19	Deductions on Return Not Charged Against Book Income	
20	State Income Tax	4,706,559
21	Excess of Straight-Line over Liberalized Depreciation	1,108,645
22	Repair Allowance	5,700,000
23	Repair Expenditures	55,000,000
24	Refueling Outage Costs	8,476,430
25	Other	27,108,700
26		
27	Federal Tax Net Income	74,395,283
28	Show Computation of Tax:	
29		
30	Federal Tax \$74,395,283 @ 0.35	26,038,349
31		
32	Prior Tax Return Adjustments	-89,545
33	Deferral of Prior Year Tax Credits	16,146,169
34	Net Operating Loss	597,047
35	Other Adjustments	25,709
36		
37		
38	Federal Income Tax (acct # 409.1 & 409.2)	42,717,729
39		
40		
41		
42		
43		
44		

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Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 261 Line No.: 13 Column: b

Limited Vacation Accrual	\$ 569,067
FASB 106 (ASC 715)	5,639,581
Injury/Damage Reserve	(89,946)
Stock Compensation	(152,781)
Loss on Reacquired Debt-Amortization	395,363
Deferred Compensation	1,652,247
Clearing Accounts	(7,733,323)
Excess MO Gross Margin	(557,199)
162(m) Limitation	2,325,450
Other	2,166,983
Total	\$ 4,215,442

Schedule Page: 261 Line No.: 25 Column: b

Dividend Paid on ESOP	\$ 2,120,420
AJCA Deduction	2,256,804
Deferred Transition Costs	3,232,859
KS Regulatory Energy Cost Adjustment	(2,209,890)
Medicare Subsidies	3,923,841
Tax Interest	23,717
Talent Assessment	(1,418,807)
Deferred STB Expense	(110,764)
Jurisdiction Difference Iatan 1 and Common	4,648,069
Economic Relief Pilot Program	17,210
Advertising Costs	139,356
Rate Case Expenses	4,502,737
Customer Demand Programs	12,797,556
Other	(2,814,408)
Total	\$27,108,700

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TAXES ACCRUED, PREPAID AND CHARGED DURING YEAR

1. Give particulars (details) of the combined prepaid and accrued tax accounts and show the total taxes charged to operations and other accounts during the year. Do not include gasoline and other sales taxes which have been charged to the accounts to which the taxed material was charged. If the actual, or estimated amounts of such taxes are known, show the amounts in a footnote and designate whether estimated or actual amounts.
2. Include on this page, taxes paid during the year and charged direct to final accounts, (not charged to prepaid or accrued taxes.) Enter the amounts in both columns (d) and (e). The balancing of this page is not affected by the inclusion of these taxes.
3. Include in column (d) taxes charged during the year, taxes charged to operations and other accounts through (a) accruals credited to taxes accrued, (b) amounts credited to proportions of prepaid taxes chargeable to current year, and (c) taxes paid and charged direct to operations or accounts other than accrued and prepaid tax accounts.
4. List the aggregate of each kind of tax in such manner that the total tax for each State and subdivision can readily be ascertained.

Line No.	Kind of Tax (See instruction 5) (a)	BALANCE AT BEGINNING OF YEAR		Taxes Charged During Year (d)	Taxes Paid During Year (e)	Adjustments (f)
		Taxes Accrued (Account 236) (b)	Prepaid Taxes (Include in Account 165) (c)			
1	GENERAL TAXES					
2	Federal Unempl. Ins.	93,720		189,336	190,960	
3	FICA	946,648		21,653,722	20,382,017	
4	Payroll Taxes - WCNO	204,979		3,143,223	3,208,552	
5	Unemployment - Missouri	97,955		363,679	367,271	
6	Unemployment - Kansas					
7	Unemployment - Washington	170		267	261	
8	Unemployment - Iowa	40		429	459	
9	Unemployment - Oregon			308	174	
10	K.C. Earnings - Mo.	368,602		149,786	260,658	
11	Gross Receipts - Mo.	846,165	526,684	45,936,116	45,846,734	
12	Franchise Fees - Ks			13,611	13,611	
13	Franchise - Missouri	-348		575,928	1,131,228	
14	Franchise - Kansas			20,004	20,004	
15	Occupational - Mo.			16,431	16,431	
16	Occupational - Ks.					
17	Property - Missouri - 2009			32,917,907	32,917,907	
18	Property - Kansas - 2009			34,496,363	17,422,097	
19	Property - Kansas - 2008	17,710,835			17,710,835	
20	Special Assessments - Mo.					
21	Special Assessments - Ks.	59,762			9,194	
22	Car Line:					
23	Arkansas			12	12	
24	Colorado			1,713	1,713	
25	Nebraska	166,088		150,388	166,088	
26	Montana			26	26	
27	Wyoming			29,145	29,145	
28	Kansas	11,325		25,800	24,226	
29	Missouri			41,143	41,143	
30	State Sales Tax			979	979	
31	SUBTOTAL	20,505,941	526,684	139,726,316	139,761,725	
32	Federal			42,717,729		-41,212,159
33	State:					
34	Missouri			3,058,138		-2,785,756
35	Kansas			1,189,653		-1,083,694
36	District of Columbia			5,300	5,300	
37	Iowa			650	650	
38	Pennsylvania			230	230	
39						
40						
41	TOTAL	20,505,941	526,684	186,698,016	139,767,905	-45,081,609

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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TAXES ACCRUED, PREPAID AND CHARGED DURING YEAR (Continued)

5. If any tax (exclude Federal and State income taxes)- covers more then one year, show the required information separately for each tax year, identifying the year in column (a).
6. Enter all adjustments of the accrued and prepaid tax accounts in column (f) and explain each adjustment in a foot- note. Designate debit adjustments by parentheses.
7. Do not include on this page entries with respect to deferred income taxes or taxes collected through payroll deductions or otherwise pending transmittal of such taxes to the taxing authority.
8. Report in columns (i) through (l) how the taxes were distributed. Report in column (l) only the amounts charged to Accounts 408.1 and 409.1 pertaining to electric operations. Report in column (l) the amounts charged to Accounts 408.1 and 109.1 pertaining to other utility departments and amounts charged to Accounts 408.2 and 409.2. Also shown in column (l) the taxes charged to utility plant or other balance sheet accounts.
9. For any tax apportioned to more than one utility department or account, state in a footnote the basis (necessity) of apportioning such tax.

BALANCE AT END OF YEAR		DISTRIBUTION OF TAXES CHARGED				Line No.
(Taxes accrued Account 236) (g)	Prepaid Taxes (Incl. in Account 165) (h)	Electric (Account 408.1, 409.1) (i)	Extraordinary Items (Account 409.3) (j)	Adjustments to Ret. Earnings (Account 439) (k)	Other (l)	
						1
92,096		56,085			133,251	2
2,218,353		10,053,857			11,599,865	3
139,650		2,814,689			328,534	4
94,363		367,271			-3,592	5
						6
176					267	7
10		429				8
134					308	9
257,730		191,661			-41,875	10
961,746	552,882	45,936,116				11
		13,611				12
-555,648		579,678			-3,750	13
		20,004				14
		16,431				15
						16
		24,718,115			8,199,792	17
17,074,266		33,937,201			559,162	18
						19
						20
50,567						21
						22
					12	23
					1,713	24
150,388					150,388	25
					26	26
					29,145	27
12,900					25,800	28
					41,143	29
		979				30
20,496,731	552,882	118,706,127			21,020,189	31
1,505,570		47,799,793			-5,082,064	32
						33
272,382		3,747,526			-689,388	34
105,959		1,457,834			-268,181	35
		5,300				36
		650				37
		230				38
						39
						40
22,380,642	552,882	171,717,460			14,980,556	41

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) 04/19/2010	Year/Period of Report 2009/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 262 Line No.: 32 Column: f

Payments to holding company pursuant to tax sharing agreement	\$ (28,244,479)
Reclass to/from income tax receivables	(9,831,020)
FIN 48 adjustments (ASC 740)	(3,418,064)
Miscellaneous adjustments	281,404
Total	\$ (41,212,159)

Schedule Page: 262 Line No.: 34 Column: f

Payments to holding company pursuant to tax sharing agreement	\$ (1,153,276)
Reclass from/to income tax receivables	(1,753,270)
FIN 48 Adjustments (ASC 740)	76,338
Miscellaneous adjustments	44,452
Total	\$ (2,785,756)

Schedule Page: 262 Line No.: 35 Column: f

Payments to holding company pursuant to tax sharing agreement	\$ (448,639)
Reclass to/from income tax receivables	(682,044)
FIN 48 adjustments (ASC 740)	29,696
Miscellaneous adjustments	17,293
Total	\$ (1,083,694)

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) 04/19/2010		Year/Period of Report End of 2009/Q4	
ACCUMULATED DEFERRED INVESTMENT TAX CREDITS (Account 255)							
Report below information applicable to Account 255. Where appropriate, segregate the balances and transactions by utility and nonutility operations. Explain by footnote any correction adjustments to the account balance shown in column (g). Include in column (i) the average period over which the tax credits are amortized.							
Line No.	Account Subdivisions (a)	Balance at Beginning of Year (b)	Deferred for Year		Allocations to Current Year's Income		Adjustments (g)
			Account No. (c)	Amount (d)	Account No. (e)	Amount (f)	
1	Electric Utility						
2	3%						
3	4%						
4	7%						
5	10%	24,766,947			411.4	1,386,424	
6	15%	74,236,945	411.4	37,237,676			
7							
8	TOTAL	99,003,892		37,237,676		1,386,424	
9	Other (List separately and show 3%, 4%, 7%, 10% and TOTAL)						
10							
11	Non-utility	856,538			420	30,844	
12							
13	A/C 255	99,860,430		37,237,676		1,417,268	
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
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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) 04/19/2010	Year/Period of Report End of 2009/Q4
ACCUMULATED DEFERRED INVESTMENT TAX CREDITS (Account 255) (continued)					
Balance at End of Year (h)	Average Period of Allocation to Income (i)	ADJUSTMENT EXPLANATION			Line No.
					1
					2
					3
					4
23,380,523	47 years				5
111,474,621					6
					7
134,855,144					8
					9
					10
825,694	33 years				11
					12
135,680,838					13
					14
					15
					16
					17
					18
					19
					20
					21
					22
					23
					24
					25
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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) 04/19/2010	Year/Period of Report 2009/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 266 Line No.: 6 Column: d

True-up of 2008 Advanced coal credit	\$ 1,835,655
2009 Advanced coal credit	35,402,021
Total deferred coal credits	\$37,237,676

Schedule Page: 266 Line No.: 6 Column: i

The average period of allocation to income for the advanced coal credit will be determined later this year, when the Iatan 2 construction project is completed and placed in service.

Schedule Page: 266 Line No.: 13 Column: h

<u>Accumulated Deferred Investment Tax Credits</u>	<u>2009 YE Balance</u>
255520 ITC - Wolf Creek ITC	20,248,493
255634 ITC - Electric	3,132,030
255600 ITC - Wolf Creek Sales	825,694
255700 ITC - Iatan 2 Advanced Coal Credit	111,474,621
Total	135,680,838

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) 04/19/2010		Year/Period of Report End of 2009/Q4	
OTHER DEFERRED CREDITS (Account 253)							
1. Report below the particulars (details) called for concerning other deferred credits.							
2. For any deferred credit being amortized, show the period of amortization.							
3. Minor items (5% of the Balance End of Year for Account 253 or amounts less than \$100,000, whichever is greater) may be grouped by classes.							
Line No.	Description and Other Deferred Credits (a)	Balance at Beginning of Year (b)	DEBITS		Credits (e)	Balance at End of Year (f)	
			Contra Account (c)	Amount (d)			
1	Wolf Creek						
2	Deferred Compensation & Inter	6,966,300	Various	7,919,298	8,184,445	7,231,447	
3							
4	Tax Gross-Up Contributions in						
5	Aid of Construction	8,480,084	Various	1,084,660	1,192,844	8,588,268	
6							
7	Long Term Compensation	7,830,576	431	311,950	1,723,589	9,242,215	
8							
9	ASC 740 (FIN 48) Tax - State	1,154,687	Various	1,154,687	434,547	434,547	
10							
11	Lease		931	943,253	24,694,390	23,751,137	
12							
13	Other	9,078,354	186	16,140,522	8,993,763	1,931,595	
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
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41							
42							
43							
44							
45							
46							
47	TOTAL	33,510,001		27,554,370	45,223,578	51,179,209	

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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ACCUMULATED DEFERRED INCOME TAXES - ACCELERATED AMORTIZATION PROPERTY (Account 281)

1. Report the information called for below concerning the respondent's accounting for deferred income taxes rating to amortizable property.
2. For other (Specify),include deferrals relating to other income and deductions.

Line No.	Account (a)	Balance at Beginning of Year (b)	CHANGES DURING YEAR	
			Amounts Debited to Account 410.1 (c)	Amounts Credited to Account 411.1 (d)
1	Accelerated Amortization (Account 281)			
2	Electric			
3	Defense Facilities			
4	Pollution Control Facilities			
5	Other (provide details in footnote):			
6				
7				
8	TOTAL Electric (Enter Total of lines 3 thru 7)			
9	Gas			
10	Defense Facilities			
11	Pollution Control Facilities			
12	Other (provide details in footnote):			
13				
14				
15	TOTAL Gas (Enter Total of lines 10 thru 14)			
16				
17	TOTAL (Acct 281) (Total of 8, 15 and 16)			
18	Classification of TOTAL			
19	Federal Income Tax			
20	State Income Tax			
21	Local Income Tax			

NOTES

ACCUMULATED DEFERRED INCOME TAXES _ ACCELERATED AMORTIZATION PROPERTY (Account 281) (Continued)

3. Use footnotes as required.

CHANGES DURING YEAR		ADJUSTMENTS				Balance at End of Year (k)	Line No.
Amounts Debited to Account 410.2 (e)	Amounts Credited to Account 411.2 (f)	Debits		Credits			
		Account Credited (g)	Amount (h)	Account Debited (i)	Amount (j)		
							1
							2
							3
							4
							5
							6
							7
							8
							9
							10
							11
							12
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NOTES (Continued)

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) 04/19/2010	Year/Period of Report End of <u>2009/Q4</u>
ACCUMULATED DEFFERED INCOME TAXES - OTHER PROPERTY (Account 282)					
1. Report the information called for below concerning the respondent's accounting for deferred income taxes rating to property not subject to accelerated amortization					
2. For other (Specify),include deferrals relating to other income and deductions.					
Line No.	Account (a)	Balance at Beginning of Year (b)	CHANGES DURING YEAR		
			Amounts Debited to Account 410.1 (c)	Amounts Credited to Account 411.1 (d)	
1	Account 282				
2	Electric	643,715,288	58,090,432	111,831	
3	Gas				
4					
5	TOTAL (Enter Total of lines 2 thru 4)	643,715,288	58,090,432	111,831	
6	Reclass per FA96-19-000	61,206,096			
7	FASB109 (ASC 740)	107,451,553			
8					
9	TOTAL Account 282 (Enter Total of lines 5 thru	812,372,937	58,090,432	111,831	
10	Classification of TOTAL				
11	Federal Income Tax	716,902,471	49,205,134	79,996	
12	State Income Tax	95,470,466	8,885,298	31,835	
13	Local Income Tax				

NOTES

ACCUMULATED DEFERRED INCOME TAXES - OTHER PROPERTY (Account 282) (Continued)

3. Use footnotes as required.

CHANGES DURING YEAR		ADJUSTMENTS				Balance at End of Year (k)	Line No.
Amounts Debited to Account 410.2 (e)	Amounts Credited to Account 411.2 (f)	Debits		Credits			
		Account Credited (g)	Amount (h)	Account Debited (i)	Amount (j)		
							1
					527,232	702,221,121	2
							3
							4
					527,232	702,221,121	5
					7,550,006	68,756,102	6
		182	-27,206,461	254	1,477,091	136,135,105	7
							8
			-27,206,461		9,554,329	907,112,328	9
							10
			-23,045,061		-20,708,886	768,363,784	11
			-4,161,400		30,263,215	138,748,544	12
							13

NOTES (Continued)

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) 04/19/2010	Year/Period of Report 2009/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 274 Line No.: 2 Column: j

The amount of \$527,232 represents reclass of deferred tax liabilities to/from accounts 190 & 283.

Schedule Page: 274 Line No.: 6 Column: j

Reclass per FA96-19-000 (see account 190).

Schedule Page: 274 Line No.: 7 Column: h

The amount of \$27,206,461 reflects the change in deferred income tax liability balance for the FAS109 (ASC 740) adjustment related to AFUDC equity and basis difference previously flowed through.

Schedule Page: 274 Line No.: 7 Column: j

The amount of \$1,477,091 reflects the change in deferred income tax liability balance for the FAS109 (ASC 740) adjustment related to excess taxes.

Schedule Page: 274 Line No.: 9 Column: k

Accumulated Deferred Income Tax Other Property		2009
		YE Balance
282611	Total Plant	702,221,121
282611	Reclass Debit Balances to 190	68,756,102
282601	FASB 109 (ASC 740) Adjustment	136,135,105
	Total	907,112,328

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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ACCUMULATED DEFERRED INCOME TAXES - OTHER (Account 283)

1. Report the information called for below concerning the respondent's accounting for deferred income taxes relating to amounts recorded in Account 283.
2. For other (Specify),include deferrals relating to other income and deductions.

Line No.	Account (a)	Balance at Beginning of Year (b)	CHANGES DURING YEAR	
			Amounts Debited to Account 410.1 (c)	Amounts Credited to Account 411.1 (d)
1	Account 283			
2	Electric			
3		121,412,299	-26,407,997	9,060,308
4				
5				
6				
7				
8				
9	TOTAL Electric (Total of lines 3 thru 8)	121,412,299	-26,407,997	9,060,308
10	Gas			
11				
12				
13				
14				
15				
16				
17	TOTAL Gas (Total of lines 11 thru 16)			
18				
19	TOTAL (Acct 283) (Enter Total of lines 9, 17 and 18)	121,412,299	-26,407,997	9,060,308
20	Classification of TOTAL			
21	Federal Income Tax	109,737,486	-22,361,087	7,674,478
22	State Income Tax	11,674,813	-4,046,910	1,385,830
23	Local Income Tax			

NOTES

ACCUMULATED DEFERRED INCOME TAXES - OTHER (Account 283) (Continued)

3. Provide in the space below explanations for Page 276 and 277. Include amounts relating to insignificant items listed under Other.
4. Use footnotes as required.

CHANGES DURING YEAR		ADJUSTMENTS				Balance at End of Year (k)	Line No.
Amounts Debited to Account 410.2 (e)	Amounts Credited to Account 411.2 (f)	Debits		Credits			
		Account Credited (g)	Amount (h)	Account Debited (i)	Amount (j)		
							1
							2
					52,658,638	138,602,632	3
							4
							5
							6
							7
							8
					52,658,638	138,602,632	9
							10
					122,482	122,482	11
							12
							13
							14
							15
							16
					122,482	122,482	17
							18
					52,781,120	138,725,114	19
							20
					38,640,159	118,342,080	21
					14,140,961	20,383,034	22
							23

NOTES (Continued)

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) 04/19/2010	Year/Period of Report 2009/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 276 Line No.: 3 Column: j

Other Adjustments:

Reclass per FA96-19-000 (see account 190)	47,196,620
Reclass to/from accounts 190 & 282	(324,323)
Change in Deferred Tax Liability per FAS 109 Adjustment (ASC 740)	2,178,658
Other comprehensive income - Interest Rate Hedge	3,309,191
Inter-Unit transfers	(3,769,506)
Purchase Accounting	(24,612)
FIN 48 Adjustments (ASC 740)	4,008,338
Equity compensation adjusted to APIC	84,172
	<u>52,658,538</u>

Schedule Page: 276 Line No.: 11 Column: j

Other Adjustments:

Reclass per FA96-19-000 (see account 190)	<u>122,482</u>
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Schedule Page: 276 Line No.: 19 Column: d

Reconciliation to the income statement (page 114, line 18):

Page 234, Account 190	\$ (1,254,126)
Page 274, Account 282	111,831
Page 276, Account 276	9,060,308
SUBTOTAL	<u>\$ 7,918,013</u>

Page 278, Account 254	64,704	R&D Credit Claims in accordance with MO
Case No.		ER-2007-0291
TOTAL	<u>\$ 7,982,717</u>	

Schedule Page: 276 Line No.: 19 Column: k

Accumulated Deferred Income Tax Other Utility

2009

283300	<u>Deferred Tax Miscellaneous:</u>	<u>YE Balance</u>
	AFUDC Debt in CWIP	11,450,664
	Bond Refinancing (Loss Reacq Debt)	2,157,627
	Book Amort Mortgage Registr Taxes	2,024
	Clearing Accounts	3,987,060
	Employee pensions	7,141,263
	Interest on Decommissioning & Decontamination	249,856
	Jurisdictional Diff latan 1 and Common	1,808,099
	Miscellaneous Accruals	178,714
	Prepaid Gross Receipts Tax	15,680
	Retail Regulatory Assets/Liabilities	31,492,906
	Section 174 Ded in CWIP (latan-Production)	13,801,049
	Software Deduction in CWIP	6,483,831
	Stock Compensation Accrual	665,057
283100	Nuclear Fuel	8,137,118
283601	FASB 109 Adjustment	50,746,888
283400	Deferred Taxes - OCI (Gas Hedge)	122,482
283410/510	FIN 48 Liability (after FERC Reclass)	284,796
	Total	<u>138,725,114</u>

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) 04/19/2010	Year/Period of Report End of 2009/Q4	
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	Emissions Allowances Transactions					
2	per Missouri Order EO-2008-0329 and					
3	Kansas Order 04-KCPE-1025-GIE	86,488,582	501	323,836	54,427	86,219,173
4						
5	Deferred Regulatory Liability-ASC 740	100,449,240		41,195	23,425,370	123,833,415
6						
7	Asset Retirement Obligation related					
8	to the decommissioning trust per					
9	FERC Order 631,					
10	MO Case No. EU-2004-0294 and					
11	KS Docket No. 04-WSEE-605-ACT	22,742,921	230,524,456	4,242,991	14,939,564	33,439,494
12						
13	DOE Refund of Enrichment Overcharges					
14	per KS Docket No. 04-KCPE-905-ACT,					
15	to be amortized over 3 years beginning					
16	January 2008.	120,870	518	60,435		60,435
17						
18	R&D Credit Claims in accordance with					
19	MO Case No. ER-2007-0291, to be amortized					
20	over 5 years beginning September 2009.	970,554		64,704		905,850
21						
22	Excess MO Wholesale Gross Margin					
23	in accordance with					
24	MO Case No. ER-2007-0291					
25	to be amortized over 10 years beginning					
26	September 2009.	4,065,664	440,442,444	667,432	110,234	3,508,466
27						
28	Excess STB Settlement in accordance					
29	with MO Case No. ER-2006-0314 and					
30	KS Docket No. 06-KCPE-828-RTS, to be					
31	amortized over 10 years in MO beginning September					
32	2009 and over 2 years in KS beginning August					
33	2009.	1,374,159	501	198,677	309,442	1,484,924
34						
35	Energy Cost Adjustment per					
36	KS Docket No. 07-KCPE-905-RTS				1,269,519	1,269,519
37						
38						
39						
40						
41	TOTAL	216,211,990		5,599,270	40,108,556	250,721,276

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) 04/19/2010	Year/Period of Report 2009/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

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

Excess taxes due to change in tax rates	\$23.8 million
Investment tax credits	\$15.4 million
Medicare Subsidies	\$13.1 million
R&D Credits	\$ 0.6 million
Advance Coal Credit	\$70.9 million
Total	\$123.8 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) 04/19/2010	Year/Period of Report End of 2009/Q4
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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	471,833,300	463,738,854
3	(442) Commercial and Industrial Sales		
4	Small (or Comm.) (See Instr. 4)	542,311,742	521,862,995
5	Large (or Ind.) (See Instr. 4)	108,765,868	109,965,363
6	(444) Public Street and Highway Lighting	10,879,271	10,651,333
7	(445) Other Sales to Public Authorities		
8	(446) Sales to Railroads and Railways		
9	(448) Interdepartmental Sales		
10	TOTAL Sales to Ultimate Consumers	1,133,790,181	1,106,218,545
11	(447) Sales for Resale	166,181,993	221,461,926
12	TOTAL Sales of Electricity	1,299,972,174	1,327,680,471
13	(Less) (449.1) Provision for Rate Refunds	-61,863	2,947,332
14	TOTAL Revenues Net of Prov. for Refunds	1,300,034,037	1,324,733,139
15	Other Operating Revenues		
16	(450) Forfeited Discounts	2,796,932	3,004,529
17	(451) Miscellaneous Service Revenues	868,747	1,018,477
18	(453) Sales of Water and Water Power		
19	(454) Rent from Electric Property	2,806,473	2,790,830
20	(455) Interdepartmental Rents		
21	(456) Other Electric Revenues	690,107	721,118
22	(456.1) Revenues from Transmission of Electricity of Others	10,192,837	10,806,373
23	(457.1) Regional Control Service Revenues		
24	(457.2) Miscellaneous Revenues		
25			
26	TOTAL Other Operating Revenues	17,355,096	18,341,327
27	TOTAL Electric Operating Revenues	1,317,389,133	1,343,074,466

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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
5,202,904	5,412,990	450,359	449,149		2
					3
7,506,464	7,704,357	57,725	57,874		4
1,884,401	2,061,106	2,097	2,134		5
86,921	80,059	115	115		6
					7
					8
					9
14,680,690	15,258,512	510,296	509,272		10
5,381,472	5,029,555	39	45		11
20,062,162	20,288,067	510,335	509,317		12
					13
20,062,162	20,288,067	510,335	509,317		14
<p>Line 12, column (b) includes \$ 4,807,989 of unbilled revenues.</p> <p>Line 12, column (d) includes -14,173 MWH relating to unbilled revenues</p>					

Name of Respondent	This Report is: (1) <u>X</u> An Original (2) <u> </u> A Resubmission	Date of Report (Mo, Da, Yr) 04/19/2010	Year/Period of Report 2009/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

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

Line 17 (451) Miscellaneous Service Revenues: Reconnect Charges \$532,670, Temporary Install Profit \$232,732, Replace Damaged Meter Charges \$36,215, OK on Arrival Fees \$32,585, Disconnect Service Charges \$26,854, Collection Services \$7,691

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

Line 21 (456) Other Electric Revenues: Use and Sales Tax \$344,989, Return Check Service Charges \$333,010, Facility Charges \$12,108

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REGIONAL TRANSMISSION SERVICE REVENUES (Account 457.1)
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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	Not Applicable				
2					
3					
4					
5					
6					
7					
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12					
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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) 04/19/2010	Year/Period of Report End of 2009/Q4
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SALES OF ELECTRICITY BY RATE SCHEDULES

1. Report below for each rate schedule in effect during the year the MWh of electricity sold, revenue, average number of customer, average Kwh per customer, and average revenue per Kwh, excluding date for Sales for Resale which is reported on Pages 310-311.
2. Provide a subheading and total for each prescribed operating revenue account in the sequence followed in "Electric Operating Revenues," Page 300-301. If the sales under any rate schedule are classified in more than one revenue account, List the rate schedule and sales data under each applicable revenue account subheading.
3. Where the same customers are served under more than one rate schedule in the same revenue account classification (such as a general residential schedule and an off peak water heating schedule), the entries in column (d) for the special schedule should denote the duplication in number of reported customers.
4. The average number of customers should be the number of bills rendered during the year divided by the number of billing periods during the year (12 if all billings are made monthly).
5. For any rate schedule having a fuel adjustment clause state in a footnote the estimated additional revenue billed pursuant thereto.
6. Report amount of unbilled revenue as of end of year for each applicable revenue account subheading.

Line No.	Number and Title of Rate schedule (a)	MWh Sold (b)	Revenue (c)	Average Number of Customers (d)	KWh of Sales Per Customer (e)	Revenue Per KWh Sold (f)
1	1ALDA-Area Lighting	1,053	283,248	1,090	966	0.2690
2	1RFEB-Residential Apts All Elec	1,425	109,700	13	109,615	0.0770
3	1RH1A-Residential Space Heat	506	46,876	157	3,223	0.0926
4	1RS1A-Residential Standard	1,844,083	174,570,150	192,289	9,590	0.0947
5	1RS1B-Residential Standard	981	103,789	39	25,154	0.1058
6	1RS2A-Residential Submeter	16,644	1,269,240	1,193	13,951	0.0763
7	1RS3A-Residential Sep Ht Meter	141,007	10,573,009	9,549	14,767	0.0750
8	1RS6A-Residential Elec Heat	482,136	37,186,093	36,643	13,158	0.0771
9	1RSDA-Residential Standard 3PH	1,775	144,646	76	23,355	0.0815
10	1RW1A-Residential Water Heat		164			
11	1RW2A-Res Water/Space Heat		142			
12	1RW3A-Res Water/Space Heat	-42	-664	1	-42,000	0.0158
13	1RW6A-Res Water/Space Heat		329			
14	1RW7A-Res Water/Space Heat	678	46,311	27	25,111	0.0683
15	1TE1A-Residential Time of Day	584	52,128	43	13,581	0.0893
16	3FS6C-Farm Elec Heat		15			
17	3RW1A-Residential Water Heat		13			
18	Excess Gross Margin		41,087			
19	Unbilled Revenue	-1,392	1,276,997			-0.9174
20	Total MO Residential	2,489,438	225,703,273	241,120	10,324	0.0907
21						
22	2ALDA-Area Lighting	1,218	326,617	2,080	586	0.2682
23	2RS1A-Residential Standard	1,773,889	175,750,830	150,489	11,787	0.0991
24	2RS2A-Residential Submeter	3,115	278,559	234	13,312	0.0894
25	2RS3A-Residential Sep Heat	13,487	1,102,504	1,112	12,129	0.0817
26	2RS6A-Residential Elec Heat	322,058	24,809,053	20,977	15,353	0.0770
27	2RSDA-Residential Standard 3PH	1,603	148,578	35	45,800	0.0927
28	2RW1A-Residential Water Heat	49,114	4,183,793	3,774	13,014	0.0852
29	2RW2A-Res Water/Space Heat	11,232	814,208	809	13,884	0.0725
30	2RW3A-Res Water/Space Heat	186,064	13,221,901	10,681	17,420	0.0711
31	2RW6A-Res Water/Space Heat	354,505	25,688,390	23,694	14,962	0.0725
32	2RW7A-Res Water/Space Heat	1,619	117,313	51	31,745	0.0725
33	2TE1A-Residential Time of Day	815	73,412	61	13,361	0.0901
34	Fuel Clause Accrual		-959,931			
35	Unbilled Revenue	-5,253	574,800			-0.1094
36	Total KS Residential	2,713,466	246,130,027	213,997	12,680	0.0907
37						
38						
39						
40						
41	TOTAL Billed	14,694,863	1,128,982,192	518,196	28,358	0.0768
42	Total Unbilled Rev.(See Instr. 6)	-14,173	4,807,989	0	0	-0.3392
43	TOTAL	14,680,690	1,133,790,181	518,196	28,330	0.0772

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SALES OF ELECTRICITY BY RATE SCHEDULES

1. Report below for each rate schedule in effect during the year the MWh of electricity sold, revenue, average number of customer, average Kwh per customer, and average revenue per Kwh, excluding date for Sales for Resale which is reported on Pages 310-311.
2. Provide a subheading and total for each prescribed operating revenue account in the sequence followed in "Electric Operating Revenues," Page 300-301. If the sales under any rate schedule are classified in more than one revenue account, List the rate schedule and sales data under each applicable revenue account subheading.
3. Where the same customers are served under more than one rate schedule in the same revenue account classification (such as a general residential schedule and an off peak water heating schedule), the entries in column (d) for the special schedule should denote the duplication in number of reported customers.
4. The average number of customers should be the number of bills rendered during the year divided by the number of billing periods during the year (12 if all billings are made monthly).
5. For any rate schedule having a fuel adjustment clause state in a footnote the estimated additional revenue billed pursuant thereto.
6. Report amount of unbilled revenue as of end of year for each applicable revenue account subheading.

Line No.	Number and Title of Rate schedule (a)	MWh Sold (b)	Revenue (c)	Average Number of Customers (d)	KWh of Sales Per Customer (e)	Revenue Per KWh Sold (f)
1	1ALDE-Area Lighting	13,403	2,267,724	2,391	5,606	0.1692
2	1LGAE-Large General All Elec	680,544	42,897,220	211	3,225,327	0.0630
3	1LGAF-Large General All Elec	186,678	10,838,982	14	13,334,143	0.0581
4	1LGHE-Large General Heat	55,070	3,843,207	36	1,529,722	0.0698
5	1LGSE-Large General Service	939,414	66,443,517	622	1,510,312	0.0707
6	1LGSF-Large General Service	136,813	9,392,975	48	2,850,271	0.0687
7	1LSHE-Large General Heat	2,753	211,484	2	1,376,500	0.0768
8	1MGAE-Medium General All Elec	133,972	9,481,786	452	296,398	0.0708
9	1MGAF-Medium General All Elec	973	84,607	2	486,500	0.0870
10	1MGHE-Medium General Heat	24,899	1,918,525	100	248,990	0.0771
11	1MGSE-Medium General Service	812,880	66,439,947	4,321	188,123	0.0817
12	1MGSF-Medium General Service	6,684	539,230	29	230,483	0.0807
13	1MSHE-Medium General Heat	158	16,439	1	158,000	0.1040
14	1MSEE-Medium General Service	23,949	2,290,040	163	146,926	0.0956
15	1PGSE-Large Power Service	359,914	20,698,770	29	12,410,828	0.0575
16	1PGSF-Large Power Service	439,264	26,448,949	26	16,894,769	0.0602
17	1POSF-Large Power Off Peak	140,715	8,257,639	8	17,589,375	0.0587
18	1POSW-Large Power Off Peak	27,484	1,310,840	1	27,484,000	0.0477
19	1SGAE-Small General All Elec	19,668	1,820,577	608	32,349	0.0926
20	1SGHE-Small General Heat	6,647	658,117	283	23,488	0.0990
21	1SGSE-Small General Service	339,520	36,528,099	22,277	15,241	0.1076
22	1SGSF-Small General Service	585	96,303	24	24,375	0.1646
23	1SSAE-Small General All Elec	108	9,703	6	18,000	0.0898
24	1SSHE-Small General Heat	944	94,267	15	62,933	0.0999
25	1SSSE-Small General Service	11,176	1,437,252	580	19,269	0.1286
26	1SUSE-Small General Unmetered	7,496	870,386	1,218	6,154	0.1161
27	Excess Gross Margin		73,913			
28	Unbilled Revenue	5	1,970,010			394.0020
29	Total MO Commercial	4,371,716	316,940,508	33,467	130,628	0.0725
30						
31	2ALDE-Area Lighting	2,179	468,147	770	2,830	0.2148
32	2LGAE-Large General Space Heat	668,522	39,668,618	281	2,379,082	0.0593
33	2LGAF-Large General Space Heat	9,090	497,661	2	4,545,000	0.0547
34	2LGHE-Large General Heat	92,525	6,173,071	64	1,445,703	0.0667
35	2LGSE-Large General Service	1,033,899	70,266,996	650	1,590,614	0.0680
36	2LGSF-Large General Service	219,330	13,484,785	33	6,646,364	0.0615
37	2LS1E-Off Peak Light Service	35,428	1,982,249	1,338	26,478	0.0560
38	2MGAE-Medium Gen Space Heat	94,786	6,807,350	379	250,095	0.0718
39	2MGHE-Medium General Heat	18,908	1,560,737	109	173,468	0.0825
40	2MGSE-Medium General Service	574,974	49,303,881	3,376	170,312	0.0857
41	TOTAL Billed	14,694,863	1,128,982,192	518,196	28,358	0.0768
42	Total Unbilled Rev.(See Instr. 6)	-14,173	4,807,989	0	0	-0.3392
43	TOTAL	14,680,690	1,133,790,181	518,196	28,330	0.0772

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SALES OF ELECTRICITY BY RATE SCHEDULES

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5. For any rate schedule having a fuel adjustment clause state in a footnote the estimated additional revenue billed pursuant thereto.
6. Report amount of unbilled revenue as of end of year for each applicable revenue account subheading.

Line No.	Number and Title of Rate schedule (a)	MWh Sold (b)	Revenue (c)	Average Number of Customers (d)	KWh of Sales Per Customer (e)	Revenue Per KWh Sold (f)
1	2MGSF-Medium General Service	408	56,491	3	136,000	0.1385
2	2MLIK-Commercial St Light	1	154	1	1,000	0.1540
3	2MLSK-Commercial St Light HP	2	544	1	2,000	0.2720
4	2PGSW-Large Power Service	93,551	4,594,801	1	93,551,000	0.0491
5	2SGAE-Small Gen Space Heat	19,969	1,836,372	1,094	18,253	0.0920
6	2SGAF-Small Gen Space Heat	8	805	1	8,000	0.1006
7	2SGHE-Small General Heat	11,140	1,055,648	400	27,850	0.0948
8	2SGSE-Small General Service	261,098	27,726,231	17,837	14,638	0.1062
9	2SGSF-Small General Service	28	4,518	2	14,000	0.1614
10	2SUSE-Small General Unmetered	2,794	415,007	991	2,819	0.1485
11	Wind Generation	-10	374			-0.0374
12	Fuel Clause Accrual		-1,120,754			
13	Unbilled Revenue	-3,882	587,548			-0.1514
14	Total KS Commercial	3,134,748	225,371,234	27,333	114,687	0.0719
15						
16	1LGAH-Large General All Elec	36,340	1,914,741	8	4,542,500	0.0527
17	1LGHH-Large General Heat	10,022	621,952	2	5,011,000	0.0621
18	1LGSG-Large General Service	68,323	5,199,802	26	2,627,808	0.0761
19	1LGSH-Large General Service	106,401	8,115,926	85	1,251,776	0.0763
20	1MGAH-Medium General All Elec	3,970	310,826	12	330,833	0.0783
21	1MGHH-Medium General w/Heat	257	23,632	2	128,500	0.0920
22	1MGSG-Medium General Service	3,988	371,522	7	569,714	0.0932
23	1MGSH-Medium General Service	54,437	4,898,170	302	180,255	0.0900
24	1PGSG-Large Power Service	472,077	24,214,499	17	27,769,235	0.0513
25	1PGSH-Large Power Service	63,435	3,838,759	7	9,062,143	0.0605
26	1PGSV-Large Power Service	413,377	18,907,290	4	103,344,250	0.0457
27	1PGSZ-Large Power Service	87,407	4,501,594	2	43,703,500	0.0515
28	1POSG-Large Power Off Peak	114,966	6,151,426	3	38,322,000	0.0535
29	1POSZ-Large Power Off Peak	86,753	4,253,899	1	86,753,000	0.0490
30	1SGAH-Small General All Elec	230	26,957	8	28,750	0.1172
31	1SGHH-Small General Heat	38	2,558	1	38,000	0.0673
32	1SGAG-Small General Service	23	2,510	1	23,000	0.1091
33	1SGSH-Small General Service	10,219	1,159,213	610	16,752	0.1134
34	Excess Gross Margin		20,790			
35	Unbilled Revenue	-3,926	318,578			-0.0811
36	Total MO Industrial	1,528,337	84,854,644	1,098	1,391,928	0.0555
37						
38						
39						
40						
41	TOTAL Billed	14,694,863	1,128,982,192	518,196	28,358	0.0768
42	Total Unbilled Rev.(See Instr. 6)	-14,173	4,807,989	0	0	-0.3392
43	TOTAL	14,680,690	1,133,790,181	518,196	28,330	0.0772

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6. Report amount of unbilled revenue as of end of year for each applicable revenue account subheading.

Line No.	Number and Title of Rate schedule (a)	MWh Sold (b)	Revenue (c)	Average Number of Customers (d)	KWh of Sales Per Customer (e)	Revenue Per KWh Sold (f)
1	2LGAH-Large General Space Heat	22,136	1,509,763	11	2,012,364	0.0682
2	2LGHH-Large General Heat	1,242	84,378	1	1,242,000	0.0679
3	2LGSG-Large General Service	43,377	2,748,377	9	4,819,667	0.0634
4	2LGSH-Large General Service	172,918	11,738,947	66	2,619,970	0.0679
5	2MGAA-Medium Gen Space Heat	2,729	262,337	5	545,800	0.0961
6	2MGHH-Medium General Heat	415	36,556	2	207,500	0.0881
7	2MGSH-Medium General Service	23,423	2,137,325	144	162,660	0.0912
8	2PGSG-Large Power Service	58,289	3,204,428	1	58,289,000	0.0550
9	2PGSV-Large Power Service	16,257	836,414	1	16,257,000	0.0514
10	2SGAA-Small General Space Heat	283	28,534	14	20,214	0.1008
11	2SGHH-Small General Heat	193	21,098	6	32,167	0.1093
12	2SGSG-Small General Service		172	1		
13	2SGSH-Small General Service	14,527	1,357,439	746	19,473	0.0934
14	Ash Grove Aggregate		-6,578			
15	Fuel Clause Accrual		-128,022			
16	Unbilled Revenue	275	80,056			0.2911
17	Total KS Industrial	356,064	23,911,224	1,007	353,589	0.0672
18						
19	1MLCL-Municipal St Light	229	35,780	1	229,000	0.1562
20	1MLML-Municipal St Light MV	8	1,675	4	2,000	0.2094
21	1MLSL-Municipal St Light HP	3,631	1,046,114	17	213,588	0.2881
22	1TSLM-Traffic Signal Light	119	40,539	2	59,500	0.3407
23	3MLCL-Municipal St Light	70	10,628	8	8,750	0.1518
24	3MLML-Municipal St Light MV	1	186	1	1,000	0.1860
25	3MLSL-Municipal St Light HP	1,696	371,111	37	45,838	0.2188
26	Kansas City Parks	63	3,022			0.0480
27	KCMO School Parking Lots	646	36,686			0.0568
28	Kansas City St Lights	63,258	3,640,483			0.0575
29	Excess Gross Margin		534			
30	Total MO Public Street Lights	69,721	5,186,758	70	996,014	0.0744
31						
32	2MLCL-Municipal St Light	7	1,215	1	7,000	0.1736
33	2MLIL-Municipal St Light	129	20,156	15	8,600	0.1562
34	2MLML-Municipal St Light MV	828	145,922	27	30,667	0.1762
35	2MLSL-Municipal St Light HP	13,274	4,263,947	45	294,978	0.3212
36	2MOSL-Municipal St Light	44	43,350	2	22,000	0.9852
37	2TSLM-Traffic Signal Light	2,918	1,219,105	14	208,429	0.4178
38	Fuel Clause Accrual		-1,182			
39	Total KS Public Street Lights	17,200	5,692,513	104	165,385	0.3310
40						
41	TOTAL Billed	14,694,863	1,128,982,192	518,196	28,358	0.0768
42	Total Unbilled Rev.(See Instr. 6)	-14,173	4,807,989	0	0	-0.3392
43	TOTAL	14,680,690	1,133,790,181	518,196	28,330	0.0772

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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SALES OF ELECTRICITY BY RATE SCHEDULES

1. Report below for each rate schedule in effect during the year the MWH of electricity sold, revenue, average number of customer, average Kwh per customer, and average revenue per Kwh, excluding date for Sales for Resale which is reported on Pages 310-311.
2. Provide a subheading and total for each prescribed operating revenue account in the sequence followed in "Electric Operating Revenues," Page 300-301. If the sales under any rate schedule are classified in more than one revenue account, List the rate schedule and sales data under each applicable revenue account subheading.
3. Where the same customers are served under more than one rate schedule in the same revenue account classification (such as a general residential schedule and an off peak water heating schedule), the entries in column (d) for the special schedule should denote the duplication in number of reported customers.
4. The average number of customers should be the number of bills rendered during the year divided by the number of billing periods during the year (12 if all billings are made monthly).
5. For any rate schedule having a fuel adjustment clause state in a footnote the estimated additional revenue billed pursuant thereto.
6. Report amount of unbilled revenue as of end of year for each applicable revenue account subheading.

Line No.	Number and Title of Rate schedule (a)	MWh Sold (b)	Revenue (c)	Average Number of Customers (d)	KWh of Sales Per Customer (e)	Revenue Per KWh Sold (f)
1	Instruction Note (5)					
2	Fuel Clause Revenue Billed					
3	Residential		33,161,978			
4	Commercial		37,858,975			
5	Industrial		4,275,176			
6	Public Street Lights		204,077			
7	Total Fuel Clause Revenue Billed		75,500,206			
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
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41	TOTAL Billed	14,694,863	1,128,982,192	518,196	28,358	0.0768
42	Total Unbilled Rev.(See Instr. 6)	-14,173	4,807,989	0	0	-0.3392
43	TOTAL	14,680,690	1,133,790,181	518,196	28,330	0.0772

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SALES FOR RESALE (Account 447)

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2. Enter the name of the purchaser in column (a). Do not abbreviate or truncate the name or use acronyms. Explain in a footnote any ownership interest or affiliation the respondent has with the purchaser.

3. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the service as follows:
 RQ - for requirements service. Requirements service is service which the supplier plans to provide on an ongoing basis (i.e., the supplier includes projected load for this service in its system resource planning). In addition, the reliability of requirements service must be the same as, or second only to, the supplier's service to its own ultimate consumers.
 LF - for long-term service. "Long-term" means five years or Longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy from third parties to maintain deliveries of LF service). This category should not be used for Long-term firm service which meets the definition of RQ service. For all transactions identified as LF, provide in a footnote the termination date of the contract defined as the earliest date that either buyer or setter can unilaterally get out of the contract.
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 LU - for Long-term service from a designated generating unit. "Long-term" means five years or Longer. The availability and reliability of service, aside from transmission constraints, must match the availability and reliability of designated unit.
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Line No.	Name of Company or Public Authority (Footnote Affiliations) (a)	Statistical Classification (b)	FERC Rate Schedule or Tariff Number (c)	Average Monthly Billing Demand (MW) (d)	Actual Demand (MW)	
					Average Monthly NCP Demand (e)	Average Monthly CP Demand (f)
1	FULL REQUIREMENTS SALES FOR					
2	Kansas Electric Power Coop.	RQ	FERC No. 4	NA	NA	NA
3	City of Pomona, Kansas	RQ	FERC No. 4	NA	NA	NA
4	City of Prescott, Kansas	RQ	FERC No. 4	NA	NA	NA
5	City of Slater, Missouri	RQ	FERC No. 4	NA	NA	NA
6	KCP&L GMO	RQ	FERC No. 4	NA	NA	NA
7	KCP&L GMO	RQ	FPC No. 74	NA	NA	NA
8	Independence Power & Light	RQ	FERC No. 4	NA	NA	NA
9						
10						
11						
12						
13						
14						
	Subtotal RQ			0	0	0
	Subtotal non-RQ			0	0	0
	Total			0	0	0

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SALES FOR RESALE (Account 447)

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Line No.	Name of Company or Public Authority (Footnote Affiliations) (a)	Statistical Classification (b)	FERC Rate Schedule or Tariff Number (c)	Average Monthly Billing Demand (MW) (d)	Actual Demand (MW)	
					Average Monthly NCP Demand (e)	Average Monthly CP Demand (f)
1	BULK POWER SALES					
2	Ameren Energy Marketing Company	OS	FERC No. 4	NA	NA	NA
3	American Electric Power	OS	FERC No. 4	NA	NA	NA
4	Arkansas Rural Electric Cooperative	OS	FERC No. 4	NA	NA	NA
5	Associated Electric Cooperative	OS	FERC No. 4	NA	NA	NA
6	Black Hills Power, Inc.	OS	FERC No. 4	NA	NA	NA
7	Board of Public Utilities - KCK	OS	FERC No. 4	NA	NA	NA
8	BP Energy Company	OS	FERC No. 4	NA	NA	NA
9	Cargill Power Markets, LLC	OS	FERC No. 4	NA	NA	NA
10	Citigroup Energy, Inc.	OS	FERC No. 4	NA	NA	NA
11	Cleco Power, LLC	OS	FERC No. 4	NA	NA	NA
12	Conoco Phillips Company	OS	FERC No. 4	NA	NA	NA
13	Constellation Energy Commodities Group	OS	FERC No. 4	NA	NA	NA
14	Empire District Electric Company	OS	FERC No. 4	NA	NA	NA
	Subtotal RQ			0	0	0
	Subtotal non-RQ			0	0	0
	Total			0	0	0

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SALES FOR RESALE (Account 447)

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Line No.	Name of Company or Public Authority (Footnote Affiliations) (a)	Statistical Classification (b)	FERC Rate Schedule or Tariff Number (c)	Average Monthly Billing Demand (MW) (d)	Actual Demand (MW)	
					Average Monthly NCP Demand (e)	Average Monthly CP Demand (f)
1	Endur Energy, LLC	OS	FERC No. 4	NA	NA	NA
2	Entergy Services, Inc.	OS	FERC No. 4	NA	NA	NA
3	Exelon Generation Company, LLC	OS	FERC No. 4	NA	NA	NA
4	Grand River Dam Authority	OS	FERC No. 4	NA	NA	NA
5	Independence Power & Light	OS	FERC No. 4	NA	NA	NA
6	Independence Power & Light	OS	FERC No. 4	NA	NA	NA
7	Integrus Energy Services, Inc.	OS	FERC No. 4	NA	NA	NA
8	KCP&L GMO	OS	FERC No. 4	NA	NA	NA
9	Lafayette Utilities System	OS	FERC No. 4	NA	NA	NA
10	Louisiana Energy and Power Authority	OS	FERC No. 4	NA	NA	NA
11	Midwest Energy, Inc.	OS	FERC No. 4	NA	NA	NA
12	MO Joint Muni Elec Util Commission	OS	FERC No. 4	NA	NA	NA
13	Oklahoma Gas & Electric	OS	FERC No. 4	NA	NA	NA
14	Oklahoma Municipal Power Authority	OS	FERC No. 4	NA	NA	NA
	Subtotal RQ			0	0	0
	Subtotal non-RQ			0	0	0
	Total			0	0	0

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SALES FOR RESALE (Account 447)

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					Average Monthly NCP Demand (e)	Average Monthly CP Demand (f)
1	Powerex	OS	FERC No. 4	NA	NA	NA
2	Public Service Company of Colorado	OS	FERC No. 4	NA	NA	NA
3	South Mississippi Elec. Pwr. Assoc.	OS	FERC No. 4	NA	NA	NA
4	Southern Company Services, Inc.	OS	FERC No. 4	NA	NA	NA
5	Southwestern Power Administration	OS	FERC No. 4	NA	NA	NA
6	Southwestern Public Service Company	OS	FERC No. 4	NA	NA	NA
7	Sunflower Electric Power Corporation	OS	FERC No. 4	NA	NA	NA
8	Union Electric Company	OS	FERC No. 4	NA	NA	NA
9	Western Farmers Electric Cooperative	OS	FERC No. 4	NA	NA	NA
10	Lincoln Electric System	OS	Vol. No. 1	NA	NA	NA
11	Municipal Energy Agency of Nebraska	OS	Vol. No. 1	NA	NA	NA
12	Nebraska Public Power District	OS	Vol. No. 1	NA	NA	NA
13	NRG Power Marketing	OS	Vol. No. 1	NA	NA	NA
14	Omaha Public Power District	OS	Vol. No. 1	NA	NA	NA
	Subtotal RQ			0	0	0
	Subtotal non-RQ			0	0	0
	Total			0	0	0

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					Average Monthly NCP Demand (e)	Average Monthly CP Demand (f)
1	Rainbow Energy Marketing Corporation	OS	Vol. No. 1	NA	NA	NA
2	Tenaska Power Services Company	OS	Vol. No. 1	NA	NA	NA
3	The Energy Authority	OS	Vol. No. 1	NA	NA	NA
4	Westar Energy, Inc.	OS	Vol. No. 1	NA	NA	NA
5	Western Area Power Administration	OS	Vol. No. 1	NA	NA	NA
6	City of Chanute, KS	OS	FERC No.4	NA	NA	NA
7	Union Electric Company	OS	FERC No. 4	NA	NA	NA
8	Kansas Municipal Energy Agency	OS	FERC No. 4	13.200	NA	NA
9	City Utilities of Springfield, MO	LU	FPC No. 46	NA	NA	NA
10	Independence Power & Light	LU	FERC No.101	NA	NA	NA
11	Kansas City Power & Light Trans	OS	MAPP	NA	NA	NA
12	Southwest Power Pool	OS	SWPP	NA	NA	NA
13	ERCOT	OS	ERCOT ISO	NA	NA	NA
14	MISO RTO	OS	TEMT Attach W	NA	NA	NA
	Subtotal RQ			0	0	0
	Subtotal non-RQ			0	0	0
	Total			0	0	0

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					Average Monthly NCP Demand (e)	Average Monthly CP Demand (f)
1	PJM RTO	OS	PJM Tariff	NA	NA	NA
2	SPP RTO	OS	SPP Tariff	NA	NA	NA
3	ACCOUNTING ADJUSTMENTS					
4	Independence Power & Light Legal Costs					
5	Elimination of inter-co transactions					
6	Accounting Reclass					
7	Prior Year Adjustment for SWAP Activity					
8						
9						
10						
11						
12						
13						
14						
	Subtotal RQ			0	0	0
	Subtotal non-RQ			0	0	0
	Total			0	0	0

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SALES FOR RESALE (Account 447) (Continued)

OS - for other service. use this category only for those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the Length of the contract and service from designated units of Less than one year. Describe the nature of the service in a footnote.

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

4. Group requirements RQ sales together and report them starting at line number one. After listing all RQ sales, enter "Subtotal - RQ" in column (a). The remaining sales may then be listed in any order. Enter "Subtotal-Non-RQ" in column (a) after this Listing. Enter "Total" in column (a) as the Last Line of the schedule. Report subtotals and total for columns (9) through (k)

5. In Column (c), identify the FERC Rate Schedule or Tariff Number. On separate Lines, List all FERC rate schedules or tariffs under which service, as identified in column (b), is provided.

6. For requirements RQ sales and any type of-service involving demand charges imposed on a monthly (or Longer) basis, enter the average monthly billing demand in column (d), the average monthly non-coincident peak (NCP) demand in column (e), and the average monthly coincident peak (CP) demand in column (f). For all other types of service, enter NA in columns (d), (e) and (f). Monthly NCP demand is the maximum metered hourly (60-minute integration) demand in a month. Monthly CP demand is the metered demand during the hour (60-minute integration) in which the supplier's system reaches its monthly peak. Demand reported in columns (e) and (f) must be in megawatts. Footnote any demand not stated on a megawatt basis and explain.

7. Report in column (g) the megawatt hours shown on bills rendered to the purchaser.

8. Report demand charges in column (h), energy charges in column (i), and the total of any other types of charges, including out-of-period adjustments, in column (j). Explain in a footnote all components of the amount shown in column (j). Report in column (k) the total charge shown on bills rendered to the purchaser.

9. The data in column (g) through (k) must be subtotaled based on the RQ/Non-RQ grouping (see instruction 4), and then totaled on the Last -line of the schedule. The "Subtotal - RQ" amount in column (g) must be reported as Requirements Sales For Resale on Page 401, line 23. The "Subtotal - Non-RQ" amount in column (g) must be reported as Non-Requirements Sales For Resale on Page 401, line 24.

10. Footnote entries as required and provide explanations following all required data.

MegaWatt Hours Sold (g)	REVENUE			Total (\$) (h+i+j) (k)	Line No.
	Demand Charges (\$) (h)	Energy Charges (\$) (i)	Other Charges (\$) (j)		
					1
65,482	330,780	3,470,559		3,801,339	2
7,302	48,589	365,844		414,433	3
1,944	12,049	103,031		115,080	4
19,716	115,915	987,783		1,103,698	5
4,519	26,078	239,473		265,551	6
1,522		19,031		19,031	7
674		31,997		31,997	8
					9
					10
					11
					12
					13
					14
101,159	533,411	5,217,718	0	5,751,129	
5,280,313	12,524,892	191,557,028	-43,651,056	160,430,864	
5,381,472	13,058,303	196,774,746	-43,651,056	166,181,993	

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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SALES FOR RESALE (Account 447) (Continued)

OS - for other service. use this category only for those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the Length of the contract and service from designated units of Less than one year. Describe the nature of the service in a footnote.

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

4. Group requirements RQ sales together and report them starting at line number one. After listing all RQ sales, enter "Subtotal - RQ" in column (a). The remaining sales may then be listed in any order. Enter "Subtotal-Non-RQ" in column (a) after this Listing. Enter "Total" in column (a) as the Last Line of the schedule. Report subtotals and total for columns (9) through (k)

5. In Column (c), identify the FERC Rate Schedule or Tariff Number. On separate Lines, List all FERC rate schedules or tariffs under which service, as identified in column (b), is provided.

6. For requirements RQ sales and any type of-service involving demand charges imposed on a monthly (or Longer) basis, enter the average monthly billing demand in column (d), the average monthly non-coincident peak (NCP) demand in column (e), and the average monthly coincident peak (CP) demand in column (f). For all other types of service, enter NA in columns (d), (e) and (f). Monthly NCP demand is the maximum metered hourly (60-minute integration) demand in a month. Monthly CP demand is the metered demand during the hour (60-minute integration) in which the supplier's system reaches its monthly peak. Demand reported in columns (e) and (f) must be in megawatts. Footnote any demand not stated on a megawatt basis and explain.

7. Report in column (g) the megawatt hours shown on bills rendered to the purchaser.

8. Report demand charges in column (h), energy charges in column (i), and the total of any other types of charges, including out-of-period adjustments, in column (j). Explain in a footnote all components of the amount shown in column (j). Report in column (k) the total charge shown on bills rendered to the purchaser.

9. The data in column (g) through (k) must be subtotaled based on the RQ/Non-RQ grouping (see instruction 4), and then totaled on the Last -line of the schedule. The "Subtotal - RQ" amount in column (g) must be reported as Requirements Sales For Resale on Page 401, line 23. The "Subtotal - Non-RQ" amount in column (g) must be reported as Non-Requirements Sales For Resale on Page 401, line 24.

10. Footnote entries as required and provide explanations following all required data.

MegaWatt Hours Sold (g)	REVENUE			Total (\$) (h+i+j) (k)	Line No.
	Demand Charges (\$) (h)	Energy Charges (\$) (i)	Other Charges (\$) (j)		
					1
588		14,886		14,886	2
117,893		3,598,233		3,598,233	3
12,075		246,947		246,947	4
184,924		4,346,612		4,346,612	5
320		8,340		8,340	6
66		4,272		4,272	7
51,184		1,456,116		1,456,116	8
735,142		19,410,698		19,410,698	9
3,305		94,147		94,147	10
3,605		156,451		156,451	11
100		2,000		2,000	12
18,076		611,262		611,262	13
22,099		631,511		631,511	14
101,159	533,411	5,217,718	0	5,751,129	
5,280,313	12,524,892	191,557,028	-43,651,056	160,430,864	
5,381,472	13,058,303	196,774,746	-43,651,056	166,181,993	

SALES FOR RESALE (Account 447) (Continued)

OS - for other service. use this category only for those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the Length of the contract and service from designated units of Less than one year. Describe the nature of the service in a footnote.

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4. Group requirements RQ sales together and report them starting at line number one. After listing all RQ sales, enter "Subtotal - RQ" in column (a). The remaining sales may then be listed in any order. Enter "Subtotal-Non-RQ" in column (a) after this Listing. Enter "Total" in column (a) as the Last Line of the schedule. Report subtotals and total for columns (9) through (k)

5. In Column (c), identify the FERC Rate Schedule or Tariff Number. On separate Lines, List all FERC rate schedules or tariffs under which service, as identified in column (b), is provided.

6. For requirements RQ sales and any type of-service involving demand charges imposed on a monthly (or Longer) basis, enter the average monthly billing demand in column (d), the average monthly non-coincident peak (NCP) demand in column (e), and the average monthly coincident peak (CP) demand in column (f). For all other types of service, enter NA in columns (d), (e) and (f). Monthly NCP demand is the maximum metered hourly (60-minute integration) demand in a month. Monthly CP demand is the metered demand during the hour (60-minute integration) in which the supplier's system reaches its monthly peak. Demand reported in columns (e) and (f) must be in megawatts. Footnote any demand not stated on a megawatt basis and explain.

7. Report in column (g) the megawatt hours shown on bills rendered to the purchaser.

8. Report demand charges in column (h), energy charges in column (i), and the total of any other types of charges, including out-of-period adjustments, in column (j). Explain in a footnote all components of the amount shown in column (j). Report in column (k) the total charge shown on bills rendered to the purchaser.

9. The data in column (g) through (k) must be subtotaled based on the RQ/Non-RQ grouping (see instruction 4), and then totaled on the Last -line of the schedule. The "Subtotal - RQ" amount in column (g) must be reported as Requirements Sales For Resale on Page 401, line 23. The "Subtotal - Non-RQ" amount in column (g) must be reported as Non-Requirements Sales For Resale on Page 401, line 24.

10. Footnote entries as required and provide explanations following all required data.

MegaWatt Hours Sold (g)	REVENUE			Total (\$) (h+i+j) (k)	Line No.
	Demand Charges (\$) (h)	Energy Charges (\$) (i)	Other Charges (\$) (j)		
13,269		468,333		468,333	1
116,169		2,908,848		2,908,848	2
2,400		86,800		86,800	3
3,219		68,590		68,590	4
4,955		155,609		155,609	5
7,068	204,000	320,279		524,279	6
13,356		305,317		305,317	7
1,615,619		55,159,672		55,159,672	8
65		3,239		3,239	9
23		1,397		1,397	10
105,457		3,038,950		3,038,950	11
431,787		20,070,064		20,070,064	12
374		15,752		15,752	13
4,078		58,126		58,126	14
101,159	533,411	5,217,718	0	5,751,129	
5,280,313	12,524,892	191,557,028	-43,651,056	160,430,864	
5,381,472	13,058,303	196,774,746	-43,651,056	166,181,993	

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) 04/19/2010	Year/Period of Report End of 2009/Q4
SALES FOR RESALE (Account 447) (Continued)			

OS - for other service. Use this category only for those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the Length of the contract and service from designated units of Less than one year. Describe the nature of the service in a footnote.

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4. Group requirements RQ sales together and report them starting at line number one. After listing all RQ sales, enter "Subtotal - RQ" in column (a). The remaining sales may then be listed in any order. Enter "Subtotal-Non-RQ" in column (a) after this Listing. Enter "Total" in column (a) as the Last Line of the schedule. Report subtotals and total for columns (9) through (k)

5. In Column (c), identify the FERC Rate Schedule or Tariff Number. On separate Lines, List all FERC rate schedules or tariffs under which service, as identified in column (b), is provided.

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7. Report in column (g) the megawatt hours shown on bills rendered to the purchaser.

8. Report demand charges in column (h), energy charges in column (i), and the total of any other types of charges, including out-of-period adjustments, in column (j). Explain in a footnote all components of the amount shown in column (j). Report in column (k) the total charge shown on bills rendered to the purchaser.

9. The data in column (g) through (k) must be subtotaled based on the RQ/Non-RQ grouping (see instruction 4), and then totaled on the Last -line of the schedule. The "Subtotal - RQ" amount in column (g) must be reported as Requirements Sales For Resale on Page 401, line 23. The "Subtotal - Non-RQ" amount in column (g) must be reported as Non-Requirements Sales For Resale on Page 401, line 24.

10. Footnote entries as required and provide explanations following all required data.

MegaWatt Hours Sold (g)	REVENUE			Total (\$) (h+i+j) (k)	Line No.
	Demand Charges (\$) (h)	Energy Charges (\$) (i)	Other Charges (\$) (j)		
726		14,562		14,562	1
80,317		2,067,668		2,067,668	2
23		1,027		1,027	3
7,437		222,426		222,426	4
13		540		540	5
35,449		772,618		772,618	6
5,718		227,969		227,969	7
2,460		57,760		57,760	8
34,323		916,955		916,955	9
5,896		156,484		156,484	10
801		23,964		23,964	11
29		1,590		1,590	12
420,679		11,846,969		11,846,969	13
373		13,767		13,767	14
101,159	533,411	5,217,718	0	5,751,129	
5,280,313	12,524,892	191,557,028	-43,651,056	160,430,864	
5,381,472	13,058,303	196,774,746	-43,651,056	166,181,993	

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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SALES FOR RESALE (Account 447) (Continued)

OS - for other service. use this category only for those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the Length of the contract and service from designated units of Less than one year. Describe the nature of the service in a footnote.

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5. In Column (c), identify the FERC Rate Schedule or Tariff Number. On separate Lines, List all FERC rate schedules or tariffs under which service, as identified in column (b), is provided.

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7. Report in column (g) the megawatt hours shown on bills rendered to the purchaser.

8. Report demand charges in column (h), energy charges in column (i), and the total of any other types of charges, including out-of-period adjustments, in column (j). Explain in a footnote all components of the amount shown in column (j). Report in column (k) the total charge shown on bills rendered to the purchaser.

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10. Footnote entries as required and provide explanations following all required data.

MegaWatt Hours Sold (g)	REVENUE			Total (\$) (h+i+j) (k)	Line No.
	Demand Charges (\$) (h)	Energy Charges (\$) (i)	Other Charges (\$) (j)		
18,592		486,207		486,207	1
48,611		1,487,407		1,487,407	2
19,508		506,622		506,622	3
27,478		652,658		652,658	4
22,622		458,200		458,200	5
131,904		5,894,148		5,894,148	6
596		23,835		23,835	7
30,833	1,115,892	1,143,675	406,759	2,666,326	8
347,096	3,825,000	7,052,856		10,877,856	9
593,663	7,380,000	13,835,467		21,215,467	10
		83,771		83,771	11
		796,412		796,412	12
1,373		39,230		39,230	13
287,518		5,615,484		5,615,484	14
101,159	533,411	5,217,718	0	5,751,129	
5,280,313	12,524,892	191,557,028	-43,651,056	160,430,864	
5,381,472	13,058,303	196,774,746	-43,651,056	166,181,993	

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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SALES FOR RESALE (Account 447) (Continued)

OS - for other service. use this category only for those services which cannot be placed in the above-defined categories, such as all non-firm service regardless of the Length of the contract and service from designated units of Less than one year. Describe the nature of the service in a footnote.

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9. The data in column (g) through (k) must be subtotaled based on the RQ/Non-RQ grouping (see instruction 4), and then totaled on the Last -line of the schedule. The "Subtotal - RQ" amount in column (g) must be reported as Requirements Sales For Resale on Page 401, line 23. The "Subtotal - Non-RQ" amount in column (g) must be reported as Non-Requirements Sales For Resale on Page 401, line 24.

10. Footnote entries as required and provide explanations following all required data.

MegaWatt Hours Sold (g)	REVENUE			Total (\$) (h+i+j) (k)	Line No.
	Demand Charges (\$) (h)	Energy Charges (\$) (i)	Other Charges (\$) (j)		
30,009		933,196		933,196	1
948,357		22,981,110		22,981,110	2
					3
			-7,357	-7,357	4
-1,289,307			-43,480,692	-43,480,692	5
			-763,639	-763,639	6
			193,873	193,873	7
					8
					9
					10
					11
					12
					13
					14
101,159	533,411	5,217,718	0	5,751,129	
5,280,313	12,524,892	191,557,028	-43,651,056	160,430,864	
5,381,472	13,058,303	196,774,746	-43,651,056	166,181,993	

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) 04/19/2010	Year/Period of Report 2009/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 310 Line No.: 6 Column: a

Great Plains Energy, the parent company of Kansas City Power & Light Company, also owns all the outstanding shares of KCPL GMO and its Missouri-based electric utility assets.

Schedule Page: 310 Line No.: 7 Column: a

Great Plains Energy, the parent company of Kansas City Power & Light Company, also owns all the outstanding shares of KCPL GMO and its Missouri-based electric utility assets.

Schedule Page: 310.1 Line No.: 2 Column: a

Page 310.1 Line 2 through Page 310.3 Line 9: Non LF Service - Western Systems Power Pool (WSPP).

Schedule Page: 310.2 Line No.: 8 Column: a

Great Plains Energy, the parent company of Kansas City Power & Light Company, also owns all the outstanding shares of KCPL GMO and its Missouri-based electric utility assets.

Schedule Page: 310.3 Line No.: 10 Column: a

Page 310.3 Line 10 through Page 310.4 Line 5: Non LF Service - Mid-Continent Energy Marketers Association (MEMA).

Schedule Page: 310.4 Line No.: 6 Column: a

Page 310.4 Line 6 through Line 8: Non LF Service - Market Based Sales Tariff under the KCP&L Open Access Tariff.

Schedule Page: 310.4 Line No.: 9 Column: a

LU Service - Market Based Sales Tariff - provided by City of Springfield from Kansas City Power & Light's Montrose Station. Service is provided from 2001-2013 as specified in the Power Sales Agreement, Amendatory Agreement No. 1 (FPC No. 46).

Schedule Page: 310.4 Line No.: 10 Column: a

Capacity Exchange Service provided to City of Independence from Kansas City Power & Light's Montrose Station. Service is provided from 1996-2011 as specified in the Municipal Participation Agreement, Amendatory Agreement No. 8 (FERC 101).

Schedule Page: 310.4 Line No.: 11 Column: a

Kansas City Power & Light Trans is Kansas City Power & Light's Transmission Department. This is to record the value of losses attributable to the amount Kansas City Power & Light's Transmission Department collected related to the increase in Generation provided for losses.

Schedule Page: 310.4 Line No.: 12 Column: a

Southwest Power Pool is a provider of Transmission Service and collects loss revenue related to the sales of transmission service where KCP&L's Generators provide losses.

Schedule Page: 310.4 Line No.: 13 Column: a

Electric Reliability Council of Texas, Inc. RTO Energy Markets Tariff.

Schedule Page: 310.4 Line No.: 14 Column: a

Midwest Independent System Operator RTO Energy Markets Tariff.

Schedule Page: 310.5 Line No.: 1 Column: a

PJM Interconnection, L.L.C. RTO Energy Markets Tariff.

Schedule Page: 310.5 Line No.: 2 Column: a

Southwest Power Pool RTO Energy Markets Tariff. Market start date February 1, 2007.

Schedule Page: 310.5 Line No.: 4 Column: a

The accounting adjustment was made to reduce revenue for Independence Power & Light's reimbursement of legal costs that were billed to them and the reimbursements were included as part of revenue rather than a reduction of expense.

Schedule Page: 310.5 Line No.: 5 Column: a

Elimination of activity between KCP&L and KCP&L GMO.

Schedule Page: 310.5 Line No.: 6 Column: a

Accounting reclass due to Kansas order Docket No. 07-KCPE-905-RTS.

Schedule Page: 310.5 Line No.: 7 Column: a

Accounting entry for 2008 SWAP activity adjustment.

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) 04/19/2010	Year/Period of Report End of 2009/Q4
ELECTRIC OPERATION AND MAINTENANCE EXPENSES					
If the amount for previous year is not derived from previously reported figures, explain in footnote.					
Line No.	Account (a)	Amount for Current Year (b)		Amount for Previous Year (c)	
1	1. POWER PRODUCTION EXPENSES				
2	A. Steam Power Generation				
3	Operation				
4	(500) Operation Supervision and Engineering	9,136,142		5,790,599	
5	(501) Fuel	218,502,765		207,416,889	
6	(502) Steam Expenses	15,609,179		13,210,508	
7	(503) Steam from Other Sources				
8	(Less) (504) Steam Transferred-Cr.				
9	(505) Electric Expenses	6,520,926		6,573,251	
10	(506) Miscellaneous Steam Power Expenses	10,595,342		11,724,140	
11	(507) Rents	146,172		192,421	
12	(509) Allowances				
13	TOTAL Operation (Enter Total of Lines 4 thru 12)	260,510,526		244,907,808	
14	Maintenance				
15	(510) Maintenance Supervision and Engineering	5,841,667		4,805,246	
16	(511) Maintenance of Structures	4,404,072		3,702,226	
17	(512) Maintenance of Boiler Plant	25,832,366		31,047,554	
18	(513) Maintenance of Electric Plant	3,713,112		4,075,818	
19	(514) Maintenance of Miscellaneous Steam Plant	186,513		440,625	
20	TOTAL Maintenance (Enter Total of Lines 15 thru 19)	39,977,730		44,071,469	
21	TOTAL Power Production Expenses-Steam Power (Entr Tot lines 13 & 20)	300,488,256		288,979,277	
22	B. Nuclear Power Generation				
23	Operation				
24	(517) Operation Supervision and Engineering	6,065,017		6,478,115	
25	(518) Fuel	20,016,098		18,244,344	
26	(519) Coolants and Water	2,447,327		2,028,423	
27	(520) Steam Expenses	13,044,482		11,765,572	
28	(521) Steam from Other Sources				
29	(Less) (522) Steam Transferred-Cr.				
30	(523) Electric Expenses	931,434		834,422	
31	(524) Miscellaneous Nuclear Power Expenses	21,563,483		20,072,922	
32	(525) Rents				
33	TOTAL Operation (Enter Total of lines 24 thru 32)	64,067,841		59,423,798	
34	Maintenance				
35	(528) Maintenance Supervision and Engineering	6,924,082		5,795,498	
36	(529) Maintenance of Structures	2,133,684		2,021,409	
37	(530) Maintenance of Reactor Plant Equipment	4,599,469		6,226,098	
38	(531) Maintenance of Electric Plant	4,251,519		4,487,468	
39	(532) Maintenance of Miscellaneous Nuclear Plant	2,391,381		2,094,685	
40	TOTAL Maintenance (Enter Total of lines 35 thru 39)	20,300,135		20,625,158	
41	TOTAL Power Production Expenses-Nuc. Power (Entr tot lines 33 & 40)	84,367,976		80,048,956	
42	C. Hydraulic Power Generation				
43	Operation				
44	(535) Operation Supervision and Engineering				
45	(536) Water for Power				
46	(537) Hydraulic Expenses				
47	(538) Electric Expenses				
48	(539) Miscellaneous Hydraulic Power Generation Expenses				
49	(540) Rents				
50	TOTAL Operation (Enter Total of Lines 44 thru 49)				
51	C. Hydraulic Power Generation (Continued)				
52	Maintenance				
53	(541) Maintenance Supervision and Engineering				
54	(542) Maintenance of Structures				
55	(543) Maintenance of Reservoirs, Dams, and Waterways				
56	(544) Maintenance of Electric Plant				
57	(545) Maintenance of Miscellaneous Hydraulic Plant				
58	TOTAL Maintenance (Enter Total of lines 53 thru 57)				
59	TOTAL Power Production Expenses-Hydraulic Power (tot of lines 50 & 58)				

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ELECTRIC OPERATION AND MAINTENANCE EXPENSES (Continued)

If the amount for previous year is not derived from previously reported figures, explain in footnote.

Line No.	Account (a)	Amount for Current Year (b)	Amount for Previous Year (c)
60	D. Other Power Generation		
61	Operation		
62	(546) Operation Supervision and Engineering	1,780,264	1,836,719
63	(547) Fuel	12,732,764	27,661,733
64	(548) Generation Expenses	1,213,565	670,237
65	(549) Miscellaneous Other Power Generation Expenses	7,819,244	110,392
66	(550) Rents		
67	TOTAL Operation (Enter Total of lines 62 thru 66)	23,545,837	30,279,081
68	Maintenance		
69	(551) Maintenance Supervision and Engineering	1,932,148	1,237,028
70	(552) Maintenance of Structures	68,920	104,103
71	(553) Maintenance of Generating and Electric Plant	893,598	337,616
72	(554) Maintenance of Miscellaneous Other Power Generation Plant	35,684	7,463
73	TOTAL Maintenance (Enter Total of lines 69 thru 72)	2,930,350	1,686,210
74	TOTAL Power Production Expenses-Other Power (Enter Tot of 67 & 73)	26,476,187	31,965,291
75	E. Other Power Supply Expenses		
76	(555) Purchased Power	70,799,230	118,978,001
77	(556) System Control and Load Dispatching	1,901,852	2,236,356
78	(557) Other Expenses	4,406,027	5,373,941
79	TOTAL Other Power Supply Exp (Enter Total of lines 76 thru 78)	77,107,109	126,588,298
80	TOTAL Power Production Expenses (Total of lines 21, 41, 59, 74 & 79)	488,439,528	527,581,822
81	2. TRANSMISSION EXPENSES		
82	Operation		
83	(560) Operation Supervision and Engineering	1,689,989	1,990,587
84	(561) Load Dispatching	37,318	323,801
85	(561.1) Load Dispatch-Reliability		188
86	(561.2) Load Dispatch-Monitor and Operate Transmission System	512,493	220,081
87	(561.3) Load Dispatch-Transmission Service and Scheduling	173,863	68,295
88	(561.4) Scheduling, System Control and Dispatch Services	2,498,396	2,662,340
89	(561.5) Reliability, Planning and Standards Development	23,520	29,325
90	(561.6) Transmission Service Studies	13,073	49,982
91	(561.7) Generation Interconnection Studies		
92	(561.8) Reliability, Planning and Standards Development Services	326,742	317,312
93	(562) Station Expenses	300,630	158,578
94	(563) Overhead Lines Expenses	232,783	196,163
95	(564) Underground Lines Expenses	17	1,504
96	(565) Transmission of Electricity by Others	12,349,274	11,119,962
97	(566) Miscellaneous Transmission Expenses	2,014,844	3,025,751
98	(567) Rents	2,424,391	2,440,730
99	TOTAL Operation (Enter Total of lines 83 thru 98)	22,597,333	22,604,599
100	Maintenance		
101	(568) Maintenance Supervision and Engineering	14,145	3,819
102	(569) Maintenance of Structures	27,542	49,586
103	(569.1) Maintenance of Computer Hardware		
104	(569.2) Maintenance of Computer Software		
105	(569.3) Maintenance of Communication Equipment		
106	(569.4) Maintenance of Miscellaneous Regional Transmission Plant		
107	(570) Maintenance of Station Equipment	497,463	443,708
108	(571) Maintenance of Overhead Lines	1,919,140	1,536,275
109	(572) Maintenance of Underground Lines	128,063	9,371
110	(573) Maintenance of Miscellaneous Transmission Plant		
111	TOTAL Maintenance (Total of lines 101 thru 110)	2,586,353	2,042,759
112	TOTAL Transmission Expenses (Total of lines 99 and 111)	25,183,686	24,647,358

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ELECTRIC OPERATION AND MAINTENANCE EXPENSES (Continued)

If the amount for previous year is not derived from previously reported figures, explain in footnote.

Line No.	Account (a)	Amount for Current Year (b)	Amount for Previous Year (c)
165	6. CUSTOMER SERVICE AND INFORMATIONAL EXPENSES		
166	Operation		
167	(907) Supervision	351,176	790
168	(908) Customer Assistance Expenses	7,332,663	3,522,274
169	(909) Informational and Instructional Expenses	26,533	1,035,478
170	(910) Miscellaneous Customer Service and Informational Expenses	793,492	27,645
171	TOTAL Customer Service and Information Expenses (Total 167 thru 170)	8,503,864	4,586,187
172	7. SALES EXPENSES		
173	Operation		
174	(911) Supervision	77,055	8,795
175	(912) Demonstrating and Selling Expenses	783,673	849,933
176	(913) Advertising Expenses	13,546	566
177	(916) Miscellaneous Sales Expenses	100,872	105,733
178	TOTAL Sales Expenses (Enter Total of lines 174 thru 177)	975,146	965,027
179	8. ADMINISTRATIVE AND GENERAL EXPENSES		
180	Operation		
181	(920) Administrative and General Salaries	41,428,417	39,404,888
182	(921) Office Supplies and Expenses	1,719,630	5,126,681
183	(Less) (922) Administrative Expenses Transferred-Credit	7,785,174	2,857,811
184	(923) Outside Services Employed	9,989,087	12,214,860
185	(924) Property Insurance	2,825,832	2,470,035
186	(925) Injuries and Damages	6,873,749	10,116,091
187	(926) Employee Pensions and Benefits	60,579,650	63,342,544
188	(927) Franchise Requirements		
189	(928) Regulatory Commission Expenses	6,676,498	5,290,324
190	(929) (Less) Duplicate Charges-Cr.	-131	-32
191	(930.1) General Advertising Expenses	238,994	781,812
192	(930.2) Miscellaneous General Expenses	6,966,469	7,211,457
193	(931) Rents	7,931,737	5,584,465
194	TOTAL Operation (Enter Total of lines 181 thru 193)	137,445,020	148,685,378
195	Maintenance		
196	(935) Maintenance of General Plant	4,648,251	7,720,377
197	TOTAL Administrative & General Expenses (Total of lines 194 and 196)	142,093,271	156,405,755
198	TOTAL Elec Op and Maint Expns (Total 80,112,131,156,164,171,178,197)	731,998,628	775,531,704

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PURCHASED POWER (Account 555)
(Including power exchanges)

1. Report all power purchases made during the year. Also report exchanges of electricity (i.e., transactions involving a balancing of debits and credits for energy, capacity, etc.) and any settlements for imbalanced exchanges.
2. Enter the name of the seller or other party in an exchange transaction in column (a). Do not abbreviate or truncate the name or use acronyms. Explain in a footnote any ownership interest or affiliation the respondent has with the seller.
3. In column (b), enter a Statistical Classification Code based on the original contractual terms and conditions of the service as follows:

RQ - for requirements service. Requirements service is service which the supplier plans to provide on an ongoing basis (i.e., the supplier includes projects load for this service in its system resource planning). In addition, the reliability of requirement service must be the same as, or second only to, the supplier's service to its own ultimate consumers.

LF - for long-term firm service. "Long-term" means five years or longer and "firm" means that service cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions (e.g., the supplier must attempt to buy emergency energy from third parties to maintain deliveries of LF service). This category should not be used for long-term firm service firm service which meets the definition of RQ service. For all transaction identified as LF, provide in a footnote the termination date of the contract defined as the earliest date that either buyer or seller can unilaterally get out of the contract.

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Line No.	Name of Company or Public Authority (Footnote Affiliations) (a)	Statistical Classification (b)	FERC Rate Schedule or Tariff Number (c)	Average Monthly Billing Demand (MW) (d)	Actual Demand (MW)	
					Average Monthly NCP Demand (e)	Average Monthly CP Demand (f)
1	KCP&L GMO	RQ		NA	NA	NA
2	Associated Electric Cooperative	IF		NA	NA	NA
3	City of Higginsville	LU		NA	NA	NA
4	MidAmerican Energy Company	LF		NA	NA	NA
5	Morgan Stanley Capital Group, Inc.	LF		NA	NA	NA
6	Lincoln Electric System	OS		NA	NA	NA
7	MidAmerican Energy Company	OS		NA	NA	NA
8	Municipal Energy Agency of Nebraska	OS		NA	NA	NA
9	NRG Power Marketing	OS		NA	NA	NA
10	Nebraska Public Power District	OS		NA	NA	NA
11	Northern States Power	OS		NA	NA	NA
12	Omaha Public Power District	OS		NA	NA	NA
13	Rainbow Energy Marketing Corporation	OS		NA	NA	NA
14	Tenaska Power Services Company	OS		NA	NA	NA
	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) 04/19/2010	Year/Period of Report End of 2009/Q4
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PURCHASED POWER (Account 555)
(Including power exchanges)

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					Average Monthly NCP Demand (e)	Average Monthly CP Demand (f)
1	The Energy Authority	OS		NA	NA	NA
2	Westar Energy, Inc.	OS		NA	NA	NA
3	Western Area Power Administration	OS		NA	NA	NA
4	Ameren Energy Marketing Company	OS		NA	NA	NA
5	American Electric Power	OS		NA	NA	NA
6	Arkansas Rural Electric Cooperative	OS		NA	NA	NA
7	Associated Electric Cooperative	OS		NA	NA	NA
8	BP Energy Company	OS		NA	NA	NA
9	Black Hills Power, Inc.	OS		NA	NA	NA
10	Board of Public Utilities - KCK	OS		NA	NA	NA
11	Calpine Energy Services, LP	OS		NA	NA	NA
12	Cargill Power Markets, LLC	OS		NA	NA	NA
13	Citigroup Energy, Inc.	OS		NA	NA	NA
14	City of Sikeston, MO	OS		NA	NA	NA
	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) 04/19/2010	Year/Period of Report End of 2009/Q4
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PURCHASED POWER (Account 555)
(Including power exchanges)

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1	Cleco Power, LLC	OS		NA	NA	NA
2	Conoco Phillips Company	OS		NA	NA	NA
3	Constellation Energy Commodities Gp.	OS		NA	NA	NA
4	Empire District Electric Company	OS		NA	NA	NA
5	Endure Energy, LLC	OS		NA	NA	NA
6	Entergy Services, Inc.	OS		NA	NA	NA
7	Exelon Generation Company LLC	OS		NA	NA	NA
8	Fortis Energy Marketing & Trading, GP	OS		NA	NA	NA
9	Grand River Dam Authority	OS		NA	NA	NA
10	Independence Power & Light	OS		NA	NA	NA
11	Integrus Energy Services, Inc.	OS		NA	NA	NA
12	KCP&L GMO	OS		NA	NA	NA
13	Lafayette Utilities System	OS		NA	NA	NA
14	Louisiana Energy and Power Authority	OS		NA	NA	NA
	Total					

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PURCHASED POWER (Account 555)
(Including power exchanges)

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2	Oklahoma Gas & Electric	OS		NA	NA	NA
3	Oklahoma Municipal Power Authority	OS		NA	NA	NA
4	Powerex	OS		NA	NA	NA
5	Public Service Company of Colorado	OS		NA	NA	NA
6	South Mississippi Elec Pwr Assoc.	OS		NA	NA	NA
7	Southwestern Power Administration	OS		NA	NA	NA
8	Southwestern Public Service Company	OS		NA	NA	NA
9	Sunflower Electric Power Corporation	OS		NA	NA	NA
10	Union Electric Company	OS		NA	NA	NA
11	Union Power Partners, LP	OS		NA	NA	NA
12	Western Farmers Electric Cooperative	OS		NA	NA	NA
13	Board of Public Utilities - KCK	OS		NA	NA	NA
14	Independence Power & Light	OS		NA	NA	NA
	Total					

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PURCHASED POWER (Account 555)
(Including power exchanges)

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1	Independence Power & Light	OS		NA	NA	NA
2	JP Morgan Ventures Energy Corporation	OS		NA	NA	NA
3	KC District Energy (Trigen)	OS		NA	NA	NA
4	Kansas Municipal Energy Agency	OS		NA	NA	NA
5	Southwestern Public Service Company	OS		NA	NA	NA
6	Southwestern Public Service Company	OS		NA	NA	NA
7	ERCOT	OS		NA	NA	NA
8	Midwest ISO RTO	OS		NA	NA	NA
9	PJM RTO	OS		NA	NA	NA
10	SPP RTO	OS		NA	NA	NA
11	ACCOUNTING ADJUSTMENTS					
12	FERC Mandated Refund	AD				
13	Elimination of inter-co transactions					
14	Accounting reclass					
	Total					

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PURCHASED POWER (Account 555)
(Including power exchanges)

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					Average Monthly NCP Demand (e)	Average Monthly CP Demand (f)
1	Prior Yr Adjustment for SWAP Activity	AD				
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
	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) 04/19/2010	Year/Period of Report End of 2009/Q4
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PURCHASED POWER (Account 555) (Continued)
(Including power exchanges)

AD - for out-of-period adjustment. Use this code for any accounting adjustments or "true-ups" for service provided in prior reporting years. Provide an explanation in a footnote for each adjustment.

4. In column (c), identify the FERC Rate Schedule Number or Tariff, or, for non-FERC jurisdictional sellers, include an appropriate designation for the contract. On separate lines, list all FERC rate schedules, tariffs or contract designations under which service, as identified in column (b), is provided.
5. For requirements RQ purchases and any type of service involving demand charges imposed on a monthly (or longer) basis, enter the monthly average billing demand in column (d), the average monthly non-coincident peak (NCP) demand in column (e), and the average monthly coincident peak (CP) demand in column (f). For all other types of service, enter NA in columns (d), (e) and (f). Monthly NCP demand is the maximum metered hourly (60-minute integration) demand in a month. Monthly CP demand is the metered demand during the hour (60-minute integration) in which the supplier's system reaches its monthly peak. Demand reported in columns (e) and (f) must be in megawatts. Footnote any demand not stated on a megawatt basis and explain.
6. Report in column (g) the megawatthours shown on bills rendered to the respondent. Report in columns (h) and (i) the megawatthours of power exchanges received and delivered, used as the basis for settlement. Do not report net exchange.
7. Report demand charges in column (j), energy charges in column (k), and the total of any other types of charges, including out-of-period adjustments, in column (l). Explain in a footnote all components of the amount shown in column (l). Report in column (m) the total charge shown on bills received as settlement by the respondent. For power exchanges, report in column (m) the settlement amount for the net receipt of energy. If more energy was delivered than received, enter a negative amount. If the settlement amount (l) include credits or charges other than incremental generation expenses, or (2) excludes certain credits or charges covered by the agreement, provide an explanatory footnote.
8. The data in column (g) through (m) must be totalled on the last line of the schedule. The total amount in column (g) must be reported as Purchases on Page 401, line 10. The total amount in column (h) must be reported as Exchange Received on Page 401, line 12. The total amount in column (i) must be reported as Exchange Delivered on Page 401, line 13.
9. Footnote entries as required and provide explanations following all required data.

MegaWatt Hours Purchased (g)	POWER EXCHANGES		COST/SETTLEMENT OF POWER				Line No.
	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)	Demand Charges (\$) (j)	Energy Charges (\$) (k)	Other Charges (\$) (l)	Total (j+k+l) of Settlement (\$) (m)	
591				7,399		7,399	1
59,194			2,700,000	2,408,181		5,108,181	2
220			2,799,720	24,550	254	2,824,524	3
83,691			1,369,710	2,795,520		4,165,230	4
			1,746,801			1,746,801	5
14,340				355,478		355,478	6
145,742				4,562,372		4,562,372	7
226				7,200		7,200	8
14,582				521,159		521,159	9
360				17,037		17,037	10
7,347				227,943		227,943	11
237,205				6,822,004		6,822,004	12
11,273				372,457		372,457	13
66,380				2,471,628		2,471,628	14
1,732,991			8,616,231	62,182,745	254	70,799,230	

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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PURCHASED POWER (Account 555) (Continued)
(Including power exchanges)

AD - for out-of-period adjustment. Use this code for any accounting adjustments or "true-ups" for service provided in prior reporting years. Provide an explanation in a footnote for each adjustment.

4. In column (c), identify the FERC Rate Schedule Number or Tariff, or, for non-FERC jurisdictional sellers, include an appropriate designation for the contract. On separate lines, list all FERC rate schedules, tariffs or contract designations under which service, as identified in column (b), is provided.
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9. Footnote entries as required and provide explanations following all required data.

MegaWatt Hours Purchased (g)	POWER EXCHANGES		COST/SETTLEMENT OF POWER				Line No.
	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)	Demand Charges (\$) (j)	Energy Charges (\$) (k)	Other Charges (\$) (l)	Total (j+k+l) of Settlement (\$) (m)	
186,969				5,947,858		5,947,858	1
711,648				25,861,531		25,861,531	2
11,128				332,652		332,652	3
34,884				1,384,455		1,384,455	4
52,701				1,915,724		1,915,724	5
236				6,918		6,918	6
155,501				6,172,167		6,172,167	7
46				1,561		1,561	8
1,297				56,410		56,410	9
84				5,550		5,550	10
130,987				4,877,478		4,877,478	11
119,815				3,478,753		3,478,753	12
11,811				375,572		375,572	13
4,920				178,040		178,040	14
1,732,991			8,616,231	62,182,745	254	70,799,230	

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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PURCHASED POWER (Account 555) (Continued)
(Including power exchanges)

AD - for out-of-period adjustment. Use this code for any accounting adjustments or "true-ups" for service provided in prior reporting years. Provide an explanation in a footnote for each adjustment.

4. In column (c), identify the FERC Rate Schedule Number or Tariff, or, for non-FERC jurisdictional sellers, include an appropriate designation for the contract. On separate lines, list all FERC rate schedules, tariffs or contract designations under which service, as identified in column (b), is provided.
5. For requirements RQ purchases and any type of service involving demand charges imposed on a monthly (or longer) basis, enter the monthly average billing demand in column (d), the average monthly non-coincident peak (NCP) demand in column (e), and the average monthly coincident peak (CP) demand in column (f). For all other types of service, enter NA in columns (d), (e) and (f). Monthly NCP demand is the maximum metered hourly (60-minute integration) demand in a month. Monthly CP demand is the metered demand during the hour (60-minute integration) in which the supplier's system reaches its monthly peak. Demand reported in columns (e) and (f) must be in megawatts. Footnote any demand not stated on a megawatt basis and explain.
6. Report in column (g) the megawatthours shown on bills rendered to the respondent. Report in columns (h) and (i) the megawatthours of power exchanges received and delivered, used as the basis for settlement. Do not report net exchange.
7. Report demand charges in column (j), energy charges in column (k), and the total of any other types of charges, including out-of-period adjustments, in column (l). Explain in a footnote all components of the amount shown in column (l). Report in column (m) the total charge shown on bills received as settlement by the respondent. For power exchanges, report in column (m) the settlement amount for the net receipt of energy. If more energy was delivered than received, enter a negative amount. If the settlement amount (l) include credits or charges other than incremental generation expenses, or (2) excludes certain credits or charges covered by the agreement, provide an explanatory footnote.
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9. Footnote entries as required and provide explanations following all required data.

MegaWatt Hours Purchased (g)	POWER EXCHANGES		COST/SETTLEMENT OF POWER				Line No.
	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)	Demand Charges (\$) (j)	Energy Charges (\$) (k)	Other Charges (\$) (l)	Total (j+k+l) of Settlement (\$) (m)	
423				18,986		18,986	1
565				20,142		20,142	2
2,341				77,752		77,752	3
27,279				830,415		830,415	4
35,825				1,266,681		1,266,681	5
3,832				202,029		202,029	6
21,800				811,800		811,800	7
600				33,600		33,600	8
71,097				2,288,078		2,288,078	9
52				2,015		2,015	10
750				31,500		31,500	11
65,658				1,833,848		1,833,848	12
34				1,904		1,904	13
26				1,621		1,621	14
1,732,991			8,616,231	62,182,745	254	70,799,230	

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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PURCHASED POWER (Account 555) (Continued)
(Including power exchanges)

AD - for out-of-period adjustment. Use this code for any accounting adjustments or "true-ups" for service provided in prior reporting years. Provide an explanation in a footnote for each adjustment.

4. In column (c), identify the FERC Rate Schedule Number or Tariff, or, for non-FERC jurisdictional sellers, include an appropriate designation for the contract. On separate lines, list all FERC rate schedules, tariffs or contract designations under which service, as identified in column (b), is provided.
5. For requirements RQ purchases and any type of service involving demand charges imposed on a monthly (or longer) basis, enter the monthly average billing demand in column (d), the average monthly non-coincident peak (NCP) demand in column (e), and the average monthly coincident peak (CP) demand in column (f). For all other types of service, enter NA in columns (d), (e) and (f). Monthly NCP demand is the maximum metered hourly (60-minute integration) demand in a month. Monthly CP demand is the metered demand during the hour (60-minute integration) in which the supplier's system reaches its monthly peak. Demand reported in columns (e) and (f) must be in megawatts. Footnote any demand not stated on a megawatt basis and explain.
6. Report in column (g) the megawatthours shown on bills rendered to the respondent. Report in columns (h) and (i) the megawatthours of power exchanges received and delivered, used as the basis for settlement. Do not report net exchange.
7. Report demand charges in column (j), energy charges in column (k), and the total of any other types of charges, including out-of-period adjustments, in column (l). Explain in a footnote all components of the amount shown in column (l). Report in column (m) the total charge shown on bills received as settlement by the respondent. For power exchanges, report in column (m) the settlement amount for the net receipt of energy. If more energy was delivered than received, enter a negative amount. If the settlement amount (l) include credits or charges other than incremental generation expenses, or (2) excludes certain credits or charges covered by the agreement, provide an explanatory footnote.
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9. Footnote entries as required and provide explanations following all required data.

MegaWatt Hours Purchased (g)	POWER EXCHANGES		COST/SETTLEMENT OF POWER				Line No.
	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)	Demand Charges (\$) (j)	Energy Charges (\$) (k)	Other Charges (\$) (l)	Total (j+k+l) of Settlement (\$) (m)	
502				10,565		10,565	1
982				44,344		44,344	2
41,093				1,400,011		1,400,011	3
4,491				163,835		163,835	4
513				22,130		22,130	5
221				11,850		11,850	6
367				23,855		23,855	7
12,407				463,569		463,569	8
139				8,468		8,468	9
335,526				11,616,439		11,616,439	10
4,678				169,937		169,937	11
1,335				42,271		42,271	12
18,240				741,648		741,648	13
2,308				109,609		109,609	14
1,732,991			8,616,231	62,182,745	254	70,799,230	

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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PURCHASED POWER (Account 555) (Continued)
(Including power exchanges)

AD - for out-of-period adjustment. Use this code for any accounting adjustments or "true-ups" for service provided in prior reporting years. Provide an explanation in a footnote for each adjustment.

4. In column (c), identify the FERC Rate Schedule Number or Tariff, or, for non-FERC jurisdictional sellers, include an appropriate designation for the contract. On separate lines, list all FERC rate schedules, tariffs or contract designations under which service, as identified in column (b), is provided.
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MegaWatt Hours Purchased (g)	POWER EXCHANGES		COST/SETTLEMENT OF POWER				Line No.
	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)	Demand Charges (\$) (j)	Energy Charges (\$) (k)	Other Charges (\$) (l)	Total (j+k+l) of Settlement (\$) (m)	
7,409				176,829		176,829	1
1,800				45,682		45,682	2
7,098				83,656		83,656	3
3,893				50,804		50,804	4
4,005				164,110		164,110	5
561				25,097		25,097	6
1,492				40,948		40,948	7
179,748				6,082,456		6,082,456	8
3,583				129,756		129,756	9
96,447				6,282,748		6,282,748	10
							11
				294,686		294,686	12
-1,289,307				-43,480,692		-43,480,692	13
				-844,231		-844,231	14
1,732,991			8,616,231	62,182,745	254	70,799,230	

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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PURCHASED POWER (Account 555) (Continued)
(Including power exchanges)

AD - for out-of-period adjustment. Use this code for any accounting adjustments or "true-ups" for service provided in prior reporting years. Provide an explanation in a footnote for each adjustment.

4. In column (c), identify the FERC Rate Schedule Number or Tariff, or, for non-FERC jurisdictional sellers, include an appropriate designation for the contract. On separate lines, list all FERC rate schedules, tariffs or contract designations under which service, as identified in column (b), is provided.
5. For requirements RQ purchases and any type of service involving demand charges imposed on a monthly (or longer) basis, enter the monthly average billing demand in column (d), the average monthly non-coincident peak (NCP) demand in column (e), and the average monthly coincident peak (CP) demand in column (f). For all other types of service, enter NA in columns (d), (e) and (f). Monthly NCP demand is the maximum metered hourly (60-minute integration) demand in a month. Monthly CP demand is the metered demand during the hour (60-minute integration) in which the supplier's system reaches its monthly peak. Demand reported in columns (e) and (f) must be in megawatts. Footnote any demand not stated on a megawatt basis and explain.
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9. Footnote entries as required and provide explanations following all required data.

MegaWatt Hours Purchased (g)	POWER EXCHANGES		COST/SETTLEMENT OF POWER				Line No.
	MegaWatt Hours Received (h)	MegaWatt Hours Delivered (i)	Demand Charges (\$) (j)	Energy Charges (\$) (k)	Other Charges (\$) (l)	Total (j+k+l) of Settlement (\$) (m)	
				-305,603		-305,603	1
							2
							3
							4
							5
							6
							7
							8
							9
							10
							11
							12
							13
							14
1,732,991			8,616,231	62,182,745	254	70,799,230	

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) 04/19/2010	Year/Period of Report 2009/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 326 Line No.: 1 Column: a

Great Plains Energy, the parent company of Kansas City Power & Light Company, also owns all the outstanding shares of KCPL GMO and its Missouri-based electric utility assets.

Schedule Page: 326 Line No.: 2 Column: a

KCP&L purchases firm capacity and energy from Associated Electric Cooperative, Inc., under the Capacity and Energy Confirmation dated August 25, 2005, under WSPP Service Schedule C, from June 1, 2006, to May 31, 2010.

Schedule Page: 326 Line No.: 3 Column: a

KCP&L purchases firm capacity and energy from the City of Higginsville, MO, from June 1, 1996 through May 31, 2016 per the Revised and Restated Amendatory Agreement No. 1 to the Municipal Participation Agreement, First Revised Rate Schedule FERC No. 108.

Schedule Page: 326 Line No.: 4 Column: a

KCP&L purchases firm capacity and energy from MidAmerican Energy Company from June 1, 2005 through May 31, 2010 per the Capacity and Energy Confirmation dated April 13, 2004, to Amendment No. 2 to Confirmation Agreement dated December 15, 2005.

Schedule Page: 326 Line No.: 5 Column: a

KCP&L purchases firm capacity and energy from Morgan Stanley Capital Group from June 1, 2001 through May 31, 2011, per the Capacity Agreement dated February 13, 1996.

Schedule Page: 326 Line No.: 6 Column: a

Page 326 Line 6 through Page 326.1 Line 3: Non LF Service - Energy from Mid-Continent Energy Marketing Association (MEMA).

Schedule Page: 326.1 Line No.: 4 Column: a

Page 326.1 Line 4 through Page 326.3 Line 12: Non LF Service - Energy from Western Systems Power Pool.

Schedule Page: 326.2 Line No.: 12 Column: a

Great Plains Energy, the parent company of Kansas City Power & Light Company, also owns all the outstanding shares of KCPL GMO and its Missouri-based electric utility assets.

Schedule Page: 326.3 Line No.: 13 Column: a

Page 326.3 Line 13 through Line 14: Border Customer.

Schedule Page: 326.4 Line No.: 1 Column: a

Non LF Service - Supplemental Regulation Service Agreement with the City of Independence, MO, July 1, 2008, through December 31, 2012, and year-to-year thereafter.

Schedule Page: 326.4 Line No.: 2 Column: a

Non LF Service - JP Morgan Ventures Energy Corporation Market Based Sales Tariff.

Schedule Page: 326.4 Line No.: 3 Column: a

Retail Service - Cogeneration.

Schedule Page: 326.4 Line No.: 4 Column: a

KCP&L purchases load following energy service from Kansas Municipal Energy Agency from June 1, 2009 through May 31, 2012, per the KMEA Load Following Energy Confirmation dated July 21, 2009, referencing KMEA's Interchange Agreement, Service Schedule B, Term Energy, Supplement No. 2 to KCPL's FERC No. 118.

Schedule Page: 326.4 Line No.: 5 Column: a

Non LF Service - SPS Electric Coordination Service Tariff.

Schedule Page: 326.4 Line No.: 6 Column: a

Non LF Service - SPS Attachment S.

Schedule Page: 326.4 Line No.: 7 Column: a

Non-LF Service - Energy from Electric Reliability Council of Texas, Inc. RTO.

Schedule Page: 326.4 Line No.: 8 Column: a

Non-LF Service - Energy from Midwest Independent System Operator RTO.

Schedule Page: 326.4 Line No.: 9 Column: a

Non-LF Service - Energy from PJM Interconnection, L.L.C. RTO.

Schedule Page: 326.4 Line No.: 10 Column: 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) 04/19/2010	Year/Period of Report 2009/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Non-LF Service - Energy from Southwest Power Pool RTO.

Schedule Page: 326.4 Line No.: 12 Column: a

Adjustment for MISO Revenue Sufficiency Guarantee liability for 2007-2008 as mandated by the November 10, 2008, FERC Order.

Schedule Page: 326.4 Line No.: 13 Column: a

Elimination of activity between KCP&L and KCP&L GMO.

Schedule Page: 326.4 Line No.: 14 Column: a

Accounting reclass due to Kansas order Docket No. 07-KCPE-905-RTS.

Schedule Page: 326.5 Line No.: 1 Column: a

Adjustment for 2008 SWAP activity.

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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	Kansas City Power & Light	KCP&L GMOC-MOPUB (Bates)	FNO
12	Southwest Power Pool	Kansas City Power & Light	SPP	AD
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
	TOTAL			

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	Associated Electric	Dover, Higginsville	3	10,346	10,346	1
58	MPS Interconnects	Multiple				2
104	Ameren	Columbia, Mauer Lake	86	336,264	336,264	3
55	Westar Energy	Kaw Valley Hydro	1	3,374	3,374	4
54	BPU	BPU-Hydro	39	130,662	130,662	5
SPP Tariff	Multiple	Multiple				6
128	City of Slater	Norton Substation				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
						13
						14
						15
						16
						17
						18
						19
						20
						21
						22
						23
						24
						25
						26
						27
						28
						29
						30
						31
						32
						33
						34
			129	480,646	480,646	

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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.
44,280			44,280	1
		195,844	195,844	2
1,052,640			1,052,640	3
14,153			14,153	4
472,464			472,464	5
		8,078,177	8,078,177	6
		55,192	55,192	7
		5,876	5,876	8
		23,417	23,417	9
		192,313	192,313	10
		14,708	14,708	11
		43,773	43,773	12
				13
				14
				15
				16
				17
				18
				19
				20
				21
				22
				23
				24
				25
				26
				27
				28
				29
				30
				31
				32
				33
				34
1,583,537	0	8,609,300	10,192,837	

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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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	Not Applicable				
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) 04/19/2010	Year/Period of Report End of 2009/Q4
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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								
2	Accounting adjustment						-433,386	-433,386
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
	TOTAL				12,338,599		10,675	12,349,274

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) 04/19/2010	Year/Period of Report 2009/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 332 Line No.: 1 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 purchased power account 555.

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

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

Schedule Page: 332 Line No.: 3 Column: a

Substation Facilities Charge billed to KCP&L from Western Resources' Spring Hill substation.

Schedule Page: 332 Line No.: 7 Column: e

The demand charges include a refund of \$9,551.

Schedule Page: 332 Line No.: 9 Column: g

The other charges are for ancillary services.

Schedule Page: 332 Line No.: 16 Column: g

The other charges are for ancillary services.

Schedule Page: 332.1 Line No.: 2 Column: g

Accounting accrual reversal for Southwest Power Pool base plan funding charges for May - June 2008.

MISCELLANEOUS GENERAL EXPENSES (Account 930.2) (ELECTRIC)		
Line No.	Description (a)	Amount (b)
1	Industry Association Dues	1,215,325
2	Nuclear Power Research Expenses	1,294,734
3	Other Experimental and General Research Expenses	2,349,966
4	Pub & Dist Info to Stkhldrs...expn servicing outstanding Securities	1,124,247
5	Oth Expn >=5,000 show purpose, recipient, amount. Group if < \$5,000	
6		
7	Employees Services	
8	Winning Culture	1,469
9	Support Services	12,980
10	Safety/ Medical	23,857
11		
12	Maintain Corporate Visibility	
13	NYSE Annual fee	9,325
14	Corporate Communication	798,137
15	Community Service	76,678
16		
17	Support Industry Programs	
18	Labor	43,240
19		
20	Environmental Expense	
21	Manage Environmental programs	8,596
22		
23	Other	4,614
24	Other Labor / Transportation	3,301
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46	TOTAL	6,966,469

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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DEPRECIATION AND AMORTIZATION OF ELECTRIC PLANT (Account 403, 404, 405)
(Except amortization of acquisition adjustments)

- Report in section A for the year the amounts for : (b) Depreciation Expense (Account 403; (c) Depreciation Expense for Asset Retirement Costs (Account 403.1; (d) Amortization of Limited-Term Electric Plant (Account 404); and (e) Amortization of Other Electric Plant (Account 405).
- Report in Section 8 the rates used to compute amortization charges for electric plant (Accounts 404 and 405). State the basis used to compute charges and whether any changes have been made in the basis or rates used from the preceding report year.
- Report all available information called for in Section C every fifth year beginning with report year 1971, reporting annually only changes to columns (c) through (g) from the complete report of the preceding year.
Unless composite depreciation accounting for total depreciable plant is followed, list numerically in column (a) each plant subaccount, account or functional classification, as appropriate, to which a rate is applied. Identify at the bottom of Section C the type of plant included in any sub-account used.
In column (b) report all depreciable plant balances to which rates are applied showing subtotals by functional Classifications and showing composite total. Indicate at the bottom of section C the manner in which column balances are obtained. If average balances, state the method of averaging used.
For columns (c), (d), and (e) report available information for each plant subaccount, account or functional classification Listed in column (a). If plant mortality studies are prepared to assist in estimating average service Lives, show in column (f) the type mortality curve selected as most appropriate for the account and in column (g), if available, the weighted average remaining life of surviving plant. If composite depreciation accounting is used, report available information called for in columns (b) through (g) on this basis.
- If provisions for depreciation were made during the year in addition to depreciation provided by application of reported rates, state at the bottom of section C the amounts and nature of the provisions and the plant items to which related.

A. Summary of Depreciation and Amortization Charges

Line No.	Functional Classification (a)	Depreciation Expense (Account 403) (b)	Depreciation Expense for Asset Retirement Costs (Account 403.1) (c)	Amortization of Limited Term Electric Plant (Account 404) (d)	Amortization of Other Electric Plant (Acc 405) (e)	Total (f)
1	Intangible Plant				11,070,529	11,070,529
2	Steam Production Plant	51,760,909	1,136,337	39,855		52,937,101
3	Nuclear Production Plant	23,791,842				23,791,842
4	Hydraulic Production Plant-Conventional					
5	Hydraulic Production Plant-Pumped Storage					
6	Other Production Plant	19,533,897	101,586		607	19,636,090
7	Transmission Plant	11,245,145			148,064	11,393,209
8	Distribution Plant	45,815,007			211,863	46,026,870
9	Regional Transmission and Market Operation					
10	General Plant	6,301,613		1,446,438	58,236,221	65,984,272
11	Common Plant-Electric					
12	TOTAL	158,448,413	1,237,923	1,486,293	69,667,284	230,839,913

B. Basis for Amortization Charges

Basis and effective annual rates used to record Account 405 Amortization:

	FERC A/C	Plant Base	Annual Rate
Misc Intangible Plant:			
Station Equipment	303	\$ 2,033,436	2.70%
Capitalized Software (5 yr)		\$ 94,916,352	20.00%
Capitalized Software (10 yr)		\$ 50,033,377	10.00%
Communication Equipment		\$ 8,365	3.03%
Steam Prod Structures		\$ 34,980	3.86%
Other Production Plant	340	\$ 93,269	.65%
Transmission Plant	350	\$ 23,133,399	.64%
Distribution Plant	360	\$ 16,589,190	1.28%

Basis used to record Account 404 Amortization:

Steam Production Structures	311	\$ 272,489	**
General Structures	390	\$ 27,811,201	**

** Represents multiple leasehold improvements which are being amortized over the remaining life of the applicable leases.

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) 04/19/2010	Year/Period of Report End of 2009/Q4		
DEPRECIATION AND AMORTIZATION OF ELECTRIC PLANT (Continued)							
C. Factors Used in Estimating Depreciation Charges							
Line No.	Account No. (a)	Depreciable Plant Base (In Thousands) (b)	Estimated Avg. Service Life (c)	Net Salvage (Percent) (d)	Applied Depr. rates (Percent) (e)	Mortality Curve Type (f)	Average Remaining Life (g)
12	303-Misc Intang-Subst	2,033			2.70		
13	303-Cap Soft 5-yr Cust	27,205			20.00		
14	303-Cap Soft 5-yr Ener	8,992			20.00		
15	303-Cap Soft 5-yr PD	15,636			20.00		
16	303-Cap Soft 5-yr S/W	18,080			20.00		
17	303-Cap Soft 5-yr T/D	3,716			20.00		
18	303-Cap Sof 10-yr Cust	38,600			10.00		
19	303-Cap Sof 10-yr Ener	11,434			10.00		
20	303-Comm Equip	8			3.03		
21	303-Cap Soft 5-yr WC	21,287			20.00		
22	303-Steam Prod Struct	35			3.86		
23	INTANGIBLES TOTAL	147,026			3.81		
24							
25	311 Structures	156,001			3.37		
26	311 Struct Haw 5 Rebl	8,923			0.83		
27	312 Boiler Plant	978,931			3.86		
28	312 Boil Plt Unit Trns	21,250			4.73		
29	312 Boiler Plant - AQC	34,208			6.58		
30	312 Boil Plt-Haw 5 Rbd	228,700			0.96		
31	314 Turbogenerator	246,634			2.77		
32	315 Accessory Equip	114,944			3.04		
33	315 Acc Equip - Haw 5	39,397			0.75		
34	315 Acc Equip - Comput	14			4.32		
35	316 Misc Pwr Plt Equip	30,393			3.81		
36	316 Misc Pwr Plt Haw 5	2,305			0.94		
37	321 Nucl Str & Improv	401,480			1.55		
38	321 Nuc S/I MO Gr-up	19,156			1.55		
39	322 Nuc Reactor	525,431			1.73		
40	322 Nuc Reac MO Gr-up	48,356			1.73		
41	323 Nuc Turbine	169,359			1.96		
42	323 Nuc Tur MO Gr-up	5,843			1.96		
43	324 Nuc Accessory	126,291			1.73		
44	324 Nuc Ac MO Gr-up	5,960			1.73		
45	325 Nuc Misc Pwr Pt Eq	71,152			2.36		
46	325 Nuc Pwr MO Gr-up	1,124			2.36		
47	340 Oth Prod Land Rgts	93			0.65		
48	341 Oth Prod Struct	4,613			4.06		
49	341 Oth Prod Str Wind	3,431			5.00		
50	342 Oth Prod Fuel Hldr	10,928			4.06		

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) 04/19/2010	Year/Period of Report End of 2009/Q4		
DEPRECIATION AND AMORTIZATION OF ELECTRIC PLANT (Continued)							
C. Factors Used in Estimating Depreciation Charges							
Line No.	Account No. (a)	Depreciable Plant Base (In Thousands) (b)	Estimated Avg. Service Life (c)	Net Salvage (Percent) (d)	Applied Depr. rates (Percent) (e)	Mortality Curve Type (f)	Average Remaining Life (g)
12	344 Oth Prod Generator	272,961			4.06		
13	344 Oth Prd Gen Wind	154,283			5.00		
14	345 Oth Prd Acc Equip	21,434			4.06		
15	345 Oth Prd Ac Eq Wind	128			5.00		
16	346 Oth Prd Mis Pwr Eq				4.06		
17	PRODUCTION TOTAL	3,703,723					
18							
19	350 Land Rgts				0.64		
20	350 Land Rgts MO Situs	9,307			0.64		
21	350 Land Rgts KS Situs	13,826			0.64		
22	350 Land Rgts Wolf Cr				0.64		
23	350 Wolf Cr Gr AFUDC				1.19		
24	352 Struct & Impr	4,482			1.81		
25	352 Wolf Cr Str & Imp	250			1.81		
26	352 Wolf Cr Gr AFUDC	16			1.36		
27	353 Station Equip	114,721			2.70		
28	353 Wolf Cr Station Eq	8,951			2.70		
29	353 Wolf Cr Gr AFUDC	558			2.24		
30	353 Station Eq Comm Eq	7,743			3.03		
31	354 Towers & Fixtures	4,069			2.35		
32	355 Poles & Fixtures				3.74		
33	355 Pol & Fix MO Situs	53,448			3.74		
34	355 Pol & Fix KS Situs	50,337			3.74		
35	355 Wolf Cr Pol & Fix	58			3.74		
36	355 Wolf Cr Gr AFUDC	4			3.59		
37	356 OH Conduc & Device				3.12		
38	356 OH Con/Dev MO Situ	34,625			3.12		
39	356 OH Con/Dev KS Situ	58,950			3.12		
40	356 Wolf Cr OH Con Dev	39			3.12		
41	356 Wolf Cr Gr AFUDC	3			3.10		
42	357 Undergrd Circuit	3,233			1.68		
43	358 Undergrd Cond Dev	2,900			2.20		
44	TRANSMISSION TOTAL	367,520					
45							
46	360 Dist Land Rgts	16,589			1.28		
47	361 Dist Str & Impr	11,465			2.65		
48	362 Dist Station Equip	156,657			2.21		
49	362 Dis Stn Eq Comm Eq	4,077			3.08		
50	364 Dist Pol Twr & Fix	247,764			3.83		

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) 04/19/2010		Year/Period of Report End of 2009/Q4	
DEPRECIATION AND AMORTIZATION OF ELECTRIC PLANT (Continued)							
C. Factors Used in Estimating Depreciation Charges							
Line No.	Account No. (a)	Depreciable Plant Base (In Thousands) (b)	Estimated Avg. Service Life (c)	Net Salvage (Percent) (d)	Applied Depr. rates (Percent) (e)	Mortality Curve Type (f)	Average Remaining Life (g)
12	365 Dis OH Conductor	199,973			2.36		
13	366 Dis UG Circuit	206,392			1.69		
14	367 Dis UG Con & Dev	391,550			2.21		
15	368 Dis Line Transform	240,601			3.31		
16	369 Dist Services	88,545			3.02		
17	370 Dist Meters	87,811			3.90		
18	371 Dist Cust Prem Ins	11,472			10.07		
19	373 Dist Str Ltg & Tra	35,375			3.37		
20	DISTRIBUTION TOTAL	1,698,271					
21							
22	390 Struc & Improv	62,791			2.25		
23	391 Off Fur & Equip	15,561			4.33		
24	391 Of Fur & Eq WC 706	3,339			4.33		
25	391 Of Fur & Eq Comp	118			4.33		
26	392 Transp Eq	41,511			6.50		
27	393 Stores Equip	957			3.39		
28	394 Tools, Shop Equip	3,834			3.03		
29	395 Laboratory Equip	5,562			3.15		
30	396 Power Oper Eq	15,667			5.45		
31	397 Communic Eq	107,826			3.04		
32	397 Wolf Cr Comm Eq	143			3.04		
33	397 Wolf Cr Gr AFUDC	9			2.50		
34	398 Misc Equip	470			4.27		
35	GENERAL PLANT TOTAL	257,788					
36							
37	Case No. ER10-230-000						
38	See Note 1 & 2 in						
39	footnote.						
40							
41							
42							
43							
44							
45							
46							
47							
48							
49							
50							

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) 04/19/2010	Year/Period of Report 2009/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 336.2 Line No.: 37 Column: a

**Kansas City Power & Light Co.
Jurisdictional Allocation Factors for 2009**

LN	A/C	Description	Allocation Basis	Missouri	Kansas	FERC	KCPL Composite
				Allocation Factor	Allocation Factor	Allocation Factor	Total Allocation Factor
1	301	Organization	PTD	54.0879%	45.6135%	0.2986%	100.00%
2	302	Franchises	100 MO	100.0000%	0.0000%	0.0000%	100.00%
3	303	Misc Intangible - Substation (like A/C 353)	D	53.7450%	45.6286%	0.6264%	100.00%
4	303	Misc Intangible - Cap Software 5 Year (Customer)	C2	53.4527%	46.5457%	0.0000%	100.00%
5	303	Misc Intangible - Cap Software 5 Year (Energy)	E1	57.0481%	42.2033%	0.7485%	100.00%
6	303	Misc Intangible - Cap Software 5 Year (Prod Demand)	D	53.7450%	45.6286%	0.6264%	100.00%
7	303	Misc Intangible - Cap Software 5 Year (Sal/Wages)	SW	54.2509%	45.2543%	0.4949%	100.00%
8	303	Misc Intangible - Cap Software 5 Year (Transm Demand)	D	53.7450%	45.6286%	0.6264%	100.00%
9	303	Misc Intangible - Cap Software 10 Year (Customer)	C2	53.4527%	46.5457%	0.0000%	100.00%
10	303	Misc Intangible - Cap Software 10 Year (Energy)	E1	57.0481%	42.2033%	0.7485%	100.00%
11	303	Misc Intangible - Commun Equip (like A/C 397)	T&D	54.0879%	45.6135%	0.2986%	100.00%
12	303	Misc Intangible - Assec Eq (like A/C 345)	D	54.0879%	45.6135%	0.2986%	100.00%
13	303	Misc Intangible - Steam Prod Structures (like A/C 312)	S	53.7450%	45.6286%	0.6264%	100.00%
14	350	Land	N/A	53.7450%	45.6286%	0.6264%	100.00%
15	350	Land Rights	PP	53.1431%	46.2471%	0.6098%	100.00%
16	350	Land Rights - MO Situs	100MO	100.0000%	0.0000%	0.0000%	100.00%
17	350	Land Rights - KS Situs	100KS	0.0000%	100.0000%	0.0000%	100.00%
18	350	Land Rights - Wolf Creek	PP	53.1431%	46.2471%	0.6098%	100.00%
19	350	Wolf Creek Gross AFUDC - Land Rights	100MO	100.0000%	0.0000%	0.0000%	100.00%
20	352	Structures and Improvements	PP	53.7450%	45.6286%	0.6264%	100.00%
21	352	Wolf Creek - Structures and Improvement	PP	53.7450%	45.6286%	0.6264%	100.00%
22	352	Wolf Creek Gross AFUDC - Structures & Improvement	100MO	100.0000%	0.0000%	0.0000%	100.00%
23	353	Station Equipment	PP	53.7450%	45.6286%	0.6264%	100.00%
24	353	Wolf Creek - Station Equipment	PP	53.7450%	45.6286%	0.6264%	100.00%
25	353	Wolf Creek Gross AFUDC - Station Equipment	100MO	100.0000%	0.0000%	0.0000%	100.00%
26	353	Station Equipment- Communication Eq (same as 397)	PP	53.7450%	45.6286%	0.6264%	100.00%
27	354	Towers and Fixtures	PP	53.7450%	45.6286%	0.6264%	100.00%
28	355	Poles and Fixtures	PP	51.1250%	48.3304%	0.5446%	100.00%

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Kansas City Power & Light Company		04/19/2010	2009/Q4
FOOTNOTE DATA			

29	355 Poles and Fixtures - MO Situs	100MO	100.0000%	0.0000%	0.0000%	100.00%
30	355 Poles and Fixtures - KS Situs	100KS	0.0000%	100.0000%	0.0000%	100.00%
31	355 Wolf Creek - Poles and Fixtures	PP	51.1250%	48.3304%	0.5446%	100.00%
32	355 Wolf Creek Gross AFUDC - Poles and Fixtures	100MO	100.0000%	0.0000%	0.0000%	100.00%
33	356 Overhead Conductors and Devices	PP	50.9982%	48.4613%	0.5404%	100.00%
34	356 Overhead Conductors and Devices - MO Situs	100MO	100.0000%	0.0000%	0.0000%	100.00%
35	356 Overhead Conductors and Devices - KS Situs	100KS	0.0000%	100.0000%	0.0000%	100.00%
36	356 Wolf Creek - Overhead Conductors and Devices	PP	50.9982%	48.4613%	0.5404%	100.00%
37	356 Wolf Creek Gross AFUDC - O/H Conductor & Devices	100MO	100.0000%	0.0000%	0.0000%	100.00%
38	357 Underground Conduit	PP	53.7450%	45.6286%	0.6264%	100.00%
39	358 Underground Conductors and Devices	PP	53.7450%	45.6286%	0.6264%	100.00%
40	389 Land and Land Rights	PTD	54.2751%	45.2986%	0.4263%	100.00%
41	390 Structures and Improvements	PTD	54.2751%	45.2986%	0.4263%	100.00%
42	390 Structures and Impr - Leasehold Impr (amort over lease)	PTD	54.2751%	45.2986%	0.4263%	100.00%
43	391 Office Furniture and Equipment	PTD	54.2751%	45.2986%	0.4263%	100.00%
44	391 Office Furniture and Equipment - WC Sub 706	PTD	54.2751%	45.2986%	0.4263%	100.00%
45	391 Office Furniture and Equipment - Computers	PTD	54.2751%	45.2986%	0.4263%	100.00%
46	392 Transportation Equipment	T&D	53.3970%	46.4873%	0.1157%	100.00%
47	393 Stores Equipment	PTD	54.2751%	45.2986%	0.4263%	100.00%
48	394 Tools, Shop and Garage Equipment	PTD	54.2751%	45.2986%	0.4263%	100.00%
49	395 Laboratory Equipment	PTD	54.2751%	45.2986%	0.4263%	100.00%
50	396 Power Operated Equipment	T&D	53.3970%	46.4873%	0.1157%	100.00%
51	397 Communication Equipment	T&D	53.3970%	46.4873%	0.1157%	100.00%
52	397 Wolf Creek - Communication Equipment	T&D	53.3970%	46.4873%	0.1157%	100.00%
53	397 Wolf Creek Gross AFUDC - Communication Equip.	100MO	100.0000%	0.0000%	0.0000%	100.00%
54	398 Miscellaneous Equipment	PTD	54.2751%	45.2986%	0.4263%	100.00%
55	399 Other Tangible Property	100MO	100.0000%	0.0000%	0.0000%	100.00%
56	399 Other Tangible Property	100KS	0.0000%	100.0000%	0.0000%	100.00%

Note 1:

KCP&L adopted a composite depreciation calculation in FY 2009 based on allocation methods of the predominant regulatory jurisdiction applied to the approved depreciation rates for each jurisdiction. Missouri is the predominant jurisdiction for KCP&L based upon size of load. Although the specific weighting values will change from year to year, the allocation methods documented in the above table will not change without an order from the Commission approving the new methods. As the formula rate is updated each year, the above table will be populated with allocation factors reflecting the approved methods in order to calculate a composite depreciation rate for each line.

Note 2:

The Allocation Basis codes in the above table represent the weighting methods to apply to the approved jurisdictional depreciation rates to calculate composite depreciation expense on an account-specific basis for FERC Form No. 1. Following is the definition of each code:

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C2 - The customer allocator is based on the number of customers receiving power in each regulatory jurisdiction.

D - The demand allocator is based on the monthly coincident peak (CP) demands for each jurisdiction.

E1 - The energy allocator is based on the total annual kilowatt-hour usage of each jurisdiction's customers, adjusted for line losses.

PP - The PP allocator reflects the total production plant value allocated and specifically assigned to each jurisdiction as a percentage of KCP&L total production plant.

PTD - The PTD allocator reflects the total production, transmission, and distribution plant value allocated and specifically assigned to each jurisdiction as a percentage of KCP&L total production, transmission, and distribution plant.

T&D - The T&D allocator reflects the total transmission and distribution plant value allocated and specifically assigned to each jurisdiction as a percentage of KCP&L total transmission and distribution plant.

S - The steam plant allocator is a blend of the demand allocator (D) and the energy allocator (E1), based on the percentage of production plant devoted to non-environmental and environmental functions, respectively.

SW - The salary and wages allocator represents the weighting of salary and wages (excluding Administrative and General) for production, transmission, distribution, and customer accounts.

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REGULATORY COMMISSION EXPENSES

1. Report particulars (details) of regulatory commission expenses incurred during the current year (or incurred in previous years, if being amortized) relating to format cases before a regulatory body, or cases in which such a body was a party.
2. Report in columns (b) and (c), only the current year's expenses that are not deferred and the current year's amortization of amounts deferred in previous years.

Line No.	Description (Furnish name of regulatory commission or body the docket or case number and a description of the case) (a)	Assessed by Regulatory Commission (b)	Expenses of Utility (c)	Total Expense for Current Year (b) + (c) (d)	Deferred in Account 182.3 at Beginning of Year (e)
1	FERC				
2	Net Accruals/Reversals for 2009 assessment		879,818	879,818	
3					
4	FERC Regulatory Proceedings:				
5	AC09-32 (KCPL/KCPL GMO [f/k/a Aquila] Merger)				
6	EC07-99 (KCPL/KCPL GMO [f/k/a Aquila] Merger)				
7	EL07-75 (KCPL/KCPL GMO [f/k/a Aquila] Merger)				
8	ER99-1005 (KCPL Market-Based Rate Authority)				
9	ER09-304 (KCPL Market-Based Rate Authority)				
10	ER08-1419 (KCPL Motion to Intervene)				
11	ER09-450 (KCPL Services Schedule to KEPCo)				
12	ER09-659 (KCPL SPP/Entergy Letter Agrmnt)				
13	ER09-931 (KCPL Amend Agrmnt No. 3 FERC No. 90)				
14	ER09-1223 (KCPL Svc Agrmnt for Trnsmsn SPP)				
15	ER09-1230 (KCPL Firm Pt to Pt Trnsmsn SPP)				
16	ER09-1306 (KCPL Facilities Use Agrmnt enXco)				
17	ER09-1669 (KCPL/enXco Spearville Joint Agrmnt)				
18	ER09-1670 (KCPL/enXco Spearville Joint Agrmnt)				
19	ER10-230 (KCPL/KCPL GMO tariff sheet for OATT)				
20	ER10-329 (SPP/KEPCo/KCPL Network Op Agrmnt)				
21	ER10-334 (SPP/KMEA/KCPL Network Op Agrmnt)				
22	ER10-337 (KCPL Ntwrk Integration Trns Svc SPP)				
23	ER10-556 (KCPL Facilities Use Agrmnt enXco)				
24	ID-5799 (GPE/KCPL/KCPL GMO FERC Form No. 561)				
25	OA08-59 (KCPL Intervene Entergy Order No. 890)				
26	RM02-14 (GPE/KCPL/KCPL GMO Cash Mgmt Agrmnt)				
27	RM07-10 (GPE Form No. 552 Nat Gas Trnsactions)				
28	RM94-14 (KCPL 2008 Nuclear Decom Trst Fnd Rpt)				
29	ZZ09-1 (KCPL CPA Crt Stmt 2008 FERC Frm No. 1)				
30	ZZ09-2 (KCPL 2008 FERC Frm No. 1/GPE 2008 AR)				
31	KCPL FERC Form No. 566				
32	KCPL FERC Form No. 714				
33	KCPL FERC Form No. 715				
34	KCPL FERC Form No. 3-Q				
35	GPE FERC Form No. 60				
36	Total FERC Regulatory Proceedings		486,274	486,274	
37					
38	Missouri Public Service Commission				
39	Annual Assessments	930,915		930,915	
40					
41	Missouri Regulatory Proceedings:				
42	Load Research Program		53,394	53,394	
43	Other Regulatory Proceedings:				
44	AX-2008-0201 (Standards of Conduct Rulemaking)				
45	EC-2009-0430 (MPSC Staff v KCPL and KCPL GMO)				
46	TOTAL	1,779,717	4,896,781	6,676,498	2,861,284

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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REGULATORY COMMISSION EXPENSES

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Line No.	Description (Furnish name of regulatory commission or body the docket or case number and a description of the case) (a)	Assessed by Regulatory Commission (b)	Expenses of Utility (c)	Total Expense for Current Year (b) + (c) (d)	Deferred in Account 182.3 at Beginning of Year (e)
1	EC-2009-0433 (KCPL Customer Complaint)				
2	EC-2010-0184 (KCPL Customer Complaint)				
3	EE-2008-0034 (KCPL 2008 IRP)				
4	EF-2004-0512 (KCPL EIRR Auth Rev Ref Bond App)				
5	EF-2005-0498 (KCPL APP Issue Debt Securities)				
6	EF-2008-0214 (KCPL Debt Authorization)				
7	EF-2010-0178 (KCPL APP Issue Debt Securities)				
8	EO-2004-0590 (KCPL Wolf Crk Decom Trust Rptg)				
9	EO-2008-0219 (KCPL Storm Prep and Rest Effrts)				
10	EO-2008-0224 (KCPL Wind Investments)				
11	EO-2009-0006 (KCPL Vegetation Management)				
12	EO-2009-0007 (KCPL Infrastrctre Stds Veg Mgmt)				
13	EO-2009-0072 (KCPL Wolf Creek Decom Costs App)				
14	EO-2009-0247 (PURPA IRP)				
15	EO-2009-0248 (PURPA EE)				
16	EO-2009-0249 (PURPA Smart Grid 111(d)(16))				
17	EO-2009-0250 (PURPA Smart Grid 111(d)(17))				
18	EO-2009-0274 (KCPL APP Issue Debt Securities)				
19	EO-2009-0365 (KCPL Annual Vegetation Report)				
20	EO-2009-0439 (KCPL APP NDT Fund Updates)				
21	EO-2010-0003 (KCPL Infrastrctre Stndrds Compl)				
22	EO-2010-0097 (Weaver APP Re Change of Electrc)				
23	ER-2009-0089 (KCPL 2008 Rate Case Application)				
24	ER-2010-0036 (AmerenUE 2010 Rate Case Applic)				
25	ER-2010-0130 (Empire District 2010 Rate Case)				
26	ES-2010-0009 (KCPL 2/4/2009 Iatan Incident)				
27	EU-2010-0194 (KCPL/KCPL GMO Solar Photovolt)				
28	EW-2009-0290 (PURPA IRP)				
29	EW-2009-0291 (PURPA Rate Design)				
30	EW-2009-0292 (PURPA Smart Grid)				
31	EW-2009-0293 (PURPA Smart Grid)				
32	EW-2009-0412 (Ch 22 Elec Utility Res Planning)				
33	EX-2008-0105 (Environ Cost Recovery Mechanism)				
34	GW-2010-0120 (Undrgrnd Facility Dmg Prvtn Act)				
35	JE-2009-0192 (KCPL TAR 2008 Rate Case App)				
36	JE-2009-0508 (KCPL TAR Change A Light)				
37	JE-2009-0513 (KCPL TAR Parallel Gen Contr Svc)				
38	JE-2009-0543 (KCPL TAR Change A Light)				
39	JE-2009-0589 (KCPL TAR Net Metering)				
40	JE-2009-0657 (KCPL TAR Fin Promo Practices)				
41	JE-2009-0705 (KCPL TAR Low-Income Weatheriztn)				
42	JE-2010-0014 (KCPL TAR 2008 Rate Case Applic)				
43	JE-2010-0015 (KCPL TAR 2008 Rate Case Applic)				
44	JE-2010-0132 (KCPL TAR Change A Light (CAL))				
45	JE-2010-0183 (KCPL TAR Low-Income Weatheriztn)				
46	TOTAL	1,779,717	4,896,781	6,676,498	2,861,284

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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REGULATORY COMMISSION EXPENSES

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2. Report in columns (b) and (c), only the current year's expenses that are not deferred and the current year's amortization of amounts deferred in previous years.

Line No.	Description (Furnish name of regulatory commission or body the docket or case number and a description of the case) (a)	Assessed by Regulatory Commission (b)	Expenses of Utility (c)	Total Expense for Current Year (b) + (c) (d)	Deferred in Account 182.3 at Beginning of Year (e)
1	JE-2010-0185 (KCPL TAR Enrgy Aud/Enrgy Svgs)				
2	JE-2010-0336 (KCPL/KCPL GMO TAR AAO Prop C)				
3	JE-2010-0402 (KCPL/KCPL GMO TAR AAO Prop C)				
4	JE-2010-0403 (KCPL/KCPL GMO TAR AAO Prop C)				
5	JE-2010-0430 (KCPL/KCPL GMO TAR AAO Prop C)				
6	Total Other Missouri Regulatory Proceedings		914,951	914,951	
7					
8	Missouri 2007 Rate Case				
9	Amortize 1/2008 - 12/2009		698,659	698,659	698,659
10					
11	Missouri 2009 Rate Case				
12	Amortize 9/2009 - 8/2011		174,332	174,332	661,284
13					
14	Missouri 2010 Rate Case				
15					
16	Kansas Corporation Commission				
17	Commission Assessments	800,435		800,435	
18	Citizens Utility Ratepayers Board Assessments	48,367		48,367	
19					
20	Kansas Regulatory Proceedings:				
21	97-GIME-483-GIE (Snow Storm Outages)				
22	01-KCPE-708-MIS (GPE Reorganization)				
23	02-GIME-365-GIE (Svc Quality for Elec Utility)				
24	04-KCPE-1025-GIE (KCPL Regulatory Plan)				
25	06-GIMX-181-GIV (Ring-Fencing Rules)				
26	07-GIMX-446-GIV (Customer Security Deposits)				
27	07-GIMX-1041-GIV (GI - Pension and Retr Cost)				
28	07-KCPE-905-RTS (KCPL 2007 Rate Case Applic)				
29	07-KCPE-1064-ACQ (KCPL/Aquila Merger Authoriz)				
30	08-GIMX-442-GIV (GI - EE Benefit-Cost Analys)				
31	08-GIMX-1142-GIV (GI - Depreciation Issues)				
32	08-ITCE-936-COC (ITC Great Plains COC)				
33	08-KCPE-581-TAR (KCPL ENERGY STAR Tariff)				
34	08-KCPE-677-CPL (KCPL Rpt ECA Facts in '07 Cs)				
35	08-KCPE-1141-TAR (KCPL Parallel Gen Contract)				
36	09-GIME-360-GIE (PURPA Electric Standards)				
37	09-GIMG-361-GIG (PURPA Gas Standards)				
38	09-GIMX-160-GIV (GI - Incent for Fuel Switch)				
39	09-KCPE-246-RTS (KCPL 2008 Rate Case Applic)				
40	09-KCPE-689-ACA (KCPL 2008 Actual Cost Adjust)				
41	09-KCPE-696-ACA (KCPL 2008 Actual Cost Adjust)				
42	09-KCPE-770-TAR (KCPL 2009 EE Rider)				
43	09-KCPE-828-TAR (KCPL Low-Incm Weatheriz Tar)				
44	09-WCNE-215-GIE (Wolf Creek Decom Cost Study)				
45	10-EPDE-314-RTS (Empire District 2010 Rt Cas)				
46	TOTAL	1,779,717	4,896,781	6,676,498	2,861,284

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REGULATORY COMMISSION EXPENSES

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Line No.	Description (Furnish name of regulatory commission or body the docket or case number and a description of the case) (a)	Assessed by Regulatory Commission (b)	Expenses of Utility (c)	Total Expense for Current Year (b) + (c) (d)	Deferred in Account 182.3 at Beginning of Year (e)
1	10-EPDE-497-TAR (Empire District EE Programs)				
2	10-GIME-215-GIE (GI - Dem Resp and Scarcity)				
3	10-GIMX-013-GIV (GI - RFP for EE Providers)				
4	10-KCPE-319-COM (KCPL Customer Complaint)				
5	10-KCPE-415-RTS (KCPL 2010 Rate Case Applic)				
6	10-KCPE-422-TAR (KCPL ECA Qtrly Complnce Rpts)				
7	10-KGSG-421-TAR (Kansas Gas EE Programs)				
8	Total Other Kansas Regulatory Proceedings		872,978	872,978	
9					
10	Kansas 2006 Rate Case				
11	Amortize 1/2007 - 12/2010		304,329	304,329	608,659
12					
13	Kansas 2007 Rate Case				
14	Amortize 1/2008 - 12/2011		218,621	218,621	655,862
15					
16	Kansas 2009 Rate Case				
17	Amortize 8/2009 - 7/2013		241,073	241,073	236,820
18					
19	Kansas 2010 Rate Case				
20					
21	Misc Tariff Fillings & Reg Comm Exp (MO & KS)		52,352	52,352	
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
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40					
41					
42					
43					
44					
45					
46	TOTAL	1,779,717	4,896,781	6,676,498	2,861,284

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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REGULATORY COMMISSION EXPENSES (Continued)

3. Show in column (k) any expenses incurred in prior years which are being amortized. List in column (a) the period of amortization.
4. List in column (f), (g), and (h) expenses incurred during year which were charged currently to income, plant, or other accounts.
5. Minor items (less than \$25,000) may be grouped.

EXPENSES INCURRED DURING YEAR				AMORTIZED DURING YEAR			
CURRENTLY CHARGED TO			Deferred to Account 182.3 (i)	Contra Account (j)	Amount (k)	Deferred in Account 182.3 End of Year (l)	Line No.
Department (f)	Account No. (g)	Amount (h)					
							1
Electric	928	879,818					2
							3
							4
							5
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							8
							9
							10
							11
							12
							13
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							28
							29
							30
							31
							32
							33
							34
							35
Electric	928	486,274					36
							37
							38
Electric	928	930,915					39
							40
							41
Electric	928	53,394					42
							43
							44
							45
		6,676,498	5,789,739		1,287,002	7,364,021	46

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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REGULATORY COMMISSION EXPENSES (Continued)

3. Show in column (k) any expenses incurred in prior years which are being amortized. List in column (a) the period of amortization.
4. List in column (f), (g), and (h) expenses incurred during year which were charged currently to income, plant, or other accounts.
5. Minor items (less than \$25,000) may be grouped.

EXPENSES INCURRED DURING YEAR				AMORTIZED DURING YEAR			
CURRENTLY CHARGED TO			Deferred to Account 182.3 (i)	Contra Account (j)	Amount (k)	Deferred in Account 182.3 End of Year (l)	Line No.
Department (f)	Account No. (g)	Amount (h)					
							1
							2
							3
							4
							5
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							41
							42
							43
							44
							45
		6,676,498	5,789,739		1,287,002	7,364,021	46

REGULATORY COMMISSION EXPENSES (Continued)
--

3. Show in column (k) any expenses incurred in prior years which are being amortized. List in column (a) the period of amortization.

4. List in column (f), (g), and (h) expenses incurred during year which were charged currently to income, plant, or other accounts.

5. Minor items (less than \$25,000) may be grouped.

EXPENSES INCURRED DURING YEAR				AMORTIZED DURING YEAR			
CURRENTLY CHARGED TO			Deferred to Account 182.3 (i)	Contra Account (j)	Amount (k)	Deferred in Account 182.3 End of Year (l)	Line No.
Department (f)	Account No. (g)	Amount (h)					
							1
							2
							3
							4
							5
Electric	928	914,951					6
							7
							8
Electric	928	698,659	-350,012	928	348,647		9
							10
							11
Electric	928	174,332	384,707	928	174,332	871,659	12
							13
			1,853,944			1,853,944	14
							15
							16
Electric	928	800,435					17
Electric	928	48,367					18
							19
							20
							21
							22
							23
							24
							25
							26
							27
							28
							29
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							39
							40
							41
							42
							43
							44
							45
		6,676,498	5,789,739		1,287,002	7,364,021	46

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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REGULATORY COMMISSION EXPENSES (Continued)

3. Show in column (k) any expenses incurred in prior years which are being amortized. List in column (a) the period of amortization.
4. List in column (f), (g), and (h) expenses incurred during year which were charged currently to income, plant, or other accounts.
5. Minor items (less than \$25,000) may be grouped.

EXPENSES INCURRED DURING YEAR				AMORTIZED DURING YEAR			
CURRENTLY CHARGED TO			Deferred to Account 182.3 (i)	Contra Account (j)	Amount (k)	Deferred in Account 182.3 End of Year (l)	Line No.
Department (f)	Account No. (g)	Amount (h)					
							1
							2
							3
							4
							5
							6
							7
Electric	928	872,978					8
							9
							10
Electric	928	304,329		928	304,329	304,330	11
							12
							13
Electric	928	218,621		928	218,621	437,241	14
							15
							16
Electric	928	241,073	2,077,479	928	241,073	2,073,226	17
							18
			1,823,621			1,823,621	19
							20
Electric	928	52,352					21
							22
							23
							24
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							32
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							34
							35
							36
							37
							38
							39
							40
							41
							42
							43
							44
							45
		6,676,498	5,789,739		1,287,002	7,364,021	46

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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RESEARCH, DEVELOPMENT, AND DEMONSTRATION ACTIVITIES

1. Describe and show below costs incurred and accounts charged during the year for technological research, development, and demonstration (R, D & D) project initiated, continued or concluded during the year. Report also support given to others during the year for jointly-sponsored projects.(Identify recipient regardless of affiliation.) For any R, D & D work carried with others, show separately the respondent's cost for the year and cost chargeable to others (See definition of research, development, and demonstration in Uniform System of Accounts).

2. Indicate in column (a) the applicable classification, as shown below:

Classifications:

A. Electric R, D & D Performed Internally:

(1) Generation

a. hydroelectric

 i. Recreation fish and wildlife

 ii Other hydroelectric

b. Fossil-fuel steam

c. Internal combustion or gas turbine

d. Nuclear

e. Unconventional generation

f. Siting and heat rejection

(2) Transmission

a. Overhead

b. Underground

(3) Distribution

(4) Regional Transmission and Market Operation

(5) Environment (other than equipment)

(6) Other (Classify and include items in excess of \$50,000.)

(7) Total Cost Incurred

B. Electric, R, D & D Performed Externally:

(1) Research Support to the electrical Research Council or the Electric Power Research Institute

Line No.	Classification (a)	Description (b)
1	B(1) Research support to EPRI	Direct EPRI's research and development with the utility industry's growth.
2		Reliance on natural gas fueled generation.
3		
4		
5	B(1) Research support to EPRI	Track information on existing and new technologies
6		
7		
8	B(1) Research support to EPRI	Research support to EPRI
9		
10		
11	B(5) TOTAL	
12		
13		
14		
15		
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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) 04/19/2010	Year/Period of Report End of 2009/Q4
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RESEARCH, DEVELOPMENT, AND DEMONSTRATION ACTIVITIES (Continued)

- (2) Research Support to Edison Electric Institute
 (3) Research Support to Nuclear Power Groups
 (4) Research Support to Others (Classify)
 (5) Total Cost Incurred

3. Include in column (c) all R, D & D items performed internally and in column (d) those items performed outside the company costing \$50,000 or more, briefly describing the specific area of R, D & D (such as safety, corrosion control, pollution, automation, measurement, insulation, type of appliance, etc.). Group items under \$50,000 by classifications and indicate the number of items grouped. Under Other, (A (6) and B (4)) classify items by type of R, D & D activity.

4. Show in column (e) the account number charged with expenses during the year or the account to which amounts were capitalized during the year, listing Account 107, Construction Work in Progress, first. Show in column (f) the amounts related to the account charged in column (e)

5. Show in column (g) the total unamortized accumulating of costs of projects. This total must equal the balance in Account 188, Research, Development, and Demonstration Expenditures, Outstanding at the end of the year.

6. If costs have not been segregated for R, D & D activities or projects, submit estimates for columns (c), (d), and (f) with such amounts identified by "Est."

7. Report separately research and related testing facilities operated by the respondent.

Costs Incurred Internally Current Year (c)	Costs Incurred Externally Current Year (d)	AMOUNTS CHARGED IN CURRENT YEAR		Unamortized Accumulation (g)	Line No.
		Account (e)	Amount (f)		
413,294		557	412,152		1
		926	976		2
		408.1	166		3
					4
161,467		588	161,467		5
					6
					7
2,349,966		930	2,349,966		8
				145,000	9
					10
2,924,727			2,924,727	145,000	11
					12
					13
					14
					15
					16
					17
					18
					19
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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) 04/19/2010	Year/Period of Report End of 2009/Q4
DISTRIBUTION OF SALARIES AND WAGES					
Report below the distribution of total salaries and wages for the year. Segregate amounts originally charged to clearing accounts to Utility Departments, Construction, Plant Removals, and Other Accounts, and enter such amounts in the appropriate lines and columns provided. In determining this segregation of salaries and wages originally charged to clearing accounts, a method of approximation giving substantially correct results may be used.					
Line No.	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll charged for Clearing Accounts (c)	Total (d)	
1	Electric				
2	Operation				
3	Production	78,215,465			
4	Transmission	2,835,188			
5	Regional Market				
6	Distribution	14,670,098			
7	Customer Accounts	9,742,970			
8	Customer Service and Informational	1,782,980			
9	Sales	652,243			
10	Administrative and General	37,138,130			
11	TOTAL Operation (Enter Total of lines 3 thru 10)	145,037,074			
12	Maintenance				
13	Production	15,749,529			
14	Transmission	344,983			
15	Regional Market				
16	Distribution	6,341,148			
17	Administrative and General	148,752			
18	TOTAL Maintenance (Total of lines 13 thru 17)	22,584,412			
19	Total Operation and Maintenance				
20	Production (Enter Total of lines 3 and 13)	93,964,994			
21	Transmission (Enter Total of lines 4 and 14)	3,180,171			
22	Regional Market (Enter Total of Lines 5 and 15)				
23	Distribution (Enter Total of lines 6 and 16)	21,011,246			
24	Customer Accounts (Transcribe from line 7)	9,742,970			
25	Customer Service and Informational (Transcribe from line 8)	1,782,980			
26	Sales (Transcribe from line 9)	652,243			
27	Administrative and General (Enter Total of lines 10 and 17)	37,286,882			
28	TOTAL Oper. and Maint. (Total of lines 20 thru 27)	167,621,486	3,307,078	170,928,564	
29	Gas				
30	Operation				
31	Production-Manufactured Gas				
32	Production-Nat. Gas (Including Expl. and Dev.)				
33	Other Gas Supply				
34	Storage, LNG Terminaling and Processing				
35	Transmission				
36	Distribution				
37	Customer Accounts				
38	Customer Service and Informational				
39	Sales				
40	Administrative and General				
41	TOTAL Operation (Enter Total of lines 31 thru 40)				
42	Maintenance				
43	Production-Manufactured Gas				
44	Production-Natural Gas (Including Exploration and Development)				
45	Other Gas Supply				
46	Storage, LNG Terminaling and Processing				
47	Transmission				

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) 04/19/2010	Year/Period of Report End of 2009/Q4
DISTRIBUTION OF SALARIES AND WAGES (Continued)					
Line No.	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll charged for Clearing Accounts (c)	Total (d)	
48	Distribution				
49	Administrative and General				
50	TOTAL Maint. (Enter Total of lines 43 thru 49)				
51	Total Operation and Maintenance				
52	Production-Manufactured Gas (Enter Total of lines 31 and 43)				
53	Production-Natural Gas (Including Expl. and Dev.) (Total lines 32,				
54	Other Gas Supply (Enter Total of lines 33 and 45)				
55	Storage, LNG Terminaling and Processing (Total of lines 31 thru				
56	Transmission (Lines 35 and 47)				
57	Distribution (Lines 36 and 48)				
58	Customer Accounts (Line 37)				
59	Customer Service and Informational (Line 38)				
60	Sales (Line 39)				
61	Administrative and General (Lines 40 and 49)				
62	TOTAL Operation and Maint. (Total of lines 52 thru 61)				
63	Other Utility Departments				
64	Operation and Maintenance				
65	TOTAL All Utility Dept. (Total of lines 28, 62, and 64)	167,621,486	3,307,078	170,928,564	
66	Utility Plant				
67	Construction (By Utility Departments)				
68	Electric Plant	37,101,824	7,849,257	44,951,081	
69	Gas Plant				
70	Other (provide details in footnote):				
71	TOTAL Construction (Total of lines 68 thru 70)	37,101,824	7,849,257	44,951,081	
72	Plant Removal (By Utility Departments)				
73	Electric Plant	2,918,225	30,899	2,949,124	
74	Gas Plant				
75	Other (provide details in footnote):				
76	TOTAL Plant Removal (Total of lines 73 thru 75)	2,918,225	30,899	2,949,124	
77	Other Accounts (Specify, provide details in footnote):				
78	Misc Income Deductions	1,414,159	-2,453	1,411,706	
79	Unit Trains	62,112	-233	61,879	
80	Temporary Facilities	10,152	-27	10,125	
81	Miscellaneous & Billing Work Orders	2,573,655	4,196	2,577,851	
82					
83	Nuclear Fuel (120100)	258,163	-6,854	251,309	
84	Deferred Customer Programs	211,989	-607	211,382	
85					
86	Deferred Merger Costs	285,341	-1,385	283,956	
87					
88					
89					
90					
91					
92					
93					
94					
95	TOTAL Other Accounts	4,815,571	-7,363	4,808,208	
96	TOTAL SALARIES AND WAGES	212,457,106	11,179,871	223,636,977	

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) 04/19/2010	Year/Period of Report End of 2009/Q4
COMMON UTILITY PLANT AND EXPENSES			
<p>1. Describe the property carried in the utility's accounts as common utility plant and show the book cost of such plant at end of year classified by accounts as provided by Plant Instruction 13, Common Utility Plant, of the Uniform System of Accounts. Also show the allocation of such plant costs to the respective departments using the common utility plant and explain the basis of allocation used, giving the allocation factors.</p> <p>2. Furnish the accumulated provisions for depreciation and amortization at end of year, showing the amounts and classifications of such accumulated provisions, and amounts allocated to utility departments using the Common utility plant to which such accumulated provisions relate, including explanation of basis of allocation and factors used.</p> <p>3. Give for the year the expenses of operation, maintenance, rents, depreciation, and amortization for common utility plant classified by accounts as provided by the Uniform System of Accounts. Show the allocation of such expenses to the departments using the common utility plant to which such expenses are related. Explain the basis of allocation used and give the factors of allocation.</p> <p>4. Give date of approval by the Commission for use of the common utility plant classification and reference to order of the Commission or other authorization.</p>			

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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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)	3,636,886	1,336,228	1,760,513	1,353,521
3	Net Sales (Account 447)	(3,894,622)	(6,281,353)	(8,701,965)	(8,052,275)
4	Transmission Rights				
5	Ancillary Services	323,856	(90,183)	(37,882)	(18,247)
6	Other Items (list separately)				
7	Other RTO Charges (net)	550,631	168,536	509,046	661,894
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
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39					
40					
41					
42					
43					
44					
45					
46	TOTAL	616,751	(4,866,772)	(6,470,288)	(6,055,107)

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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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	2,826	15	800	2,631	64		131		
2	February	2,578	4	800	2,390	57		131		
3	March	2,421	11	800	2,235	54		132		
4	Total for Quarter 1	7,825			7,256	175		394		
5	April	2,215	24	1700	2,031	52		132		
6	May	2,532	31	1900	2,363	38		131		
7	June	3,655	23	1800	3,448	76		131		
8	Total for Quarter 2	8,402			7,842	166		394		
9	July	3,395	9	1800	3,182	82		131		
10	August	3,450	3	1800	3,238	81		131		
11	September	2,585	11	1700	2,389	64		132		
12	Total for Quarter 3	9,430			8,809	227		394		
13	October	2,120	13	2000	1,937	51		132		
14	November	2,257	17	1800	2,071	54		132		
15	December	2,818	9	1900	2,620	67		131		
16	Total for Quarter 4	7,195			6,628	172		395		
17	Total Year to Date/Year	32,852			30,535	740		1,577		

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) 04/19/2010	Year/Period of Report End of <u>2009/Q4</u>
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MONTHLY ISO/RTO 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 Column (c) and (d) the specified information for each monthly transmission - system peak load reported on Column (b).
- (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).
- (5) Amounts reported in Column (j) for Total Usage is the sum of Columns (h) and (i).

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									

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) 04/19/2010		Year/Period of Report End of 2009/Q4	
ELECTRIC ENERGY ACCOUNT							
Report below the information called for concerning the disposition of electric energy generated, purchased, exchanged and wheeled during the year.							
Line No.	Item (a)	MegaWatt Hours (b)	Line No.	Item (a)	MegaWatt Hours (b)		
1	SOURCES OF ENERGY		21	DISPOSITION OF ENERGY			
2	Generation (Excluding Station Use):		22	Sales to Ultimate Consumers (Including Interdepartmental Sales)	14,680,690		
3	Steam	14,507,139	23	Requirements Sales for Resale (See instruction 4, page 311.)	101,159		
4	Nuclear	4,121,201	24	Non-Requirements Sales for Resale (See instruction 4, page 311.)	5,280,313		
5	Hydro-Conventional		25	Energy Furnished Without Charge			
6	Hydro-Pumped Storage		26	Energy Used by the Company (Electric Dept Only, Excluding Station Use)	23,363		
7	Other	582,855	27	Total Energy Losses	858,661		
8	Less Energy for Pumping		28	TOTAL (Enter Total of Lines 22 Through 27) (MUST EQUAL LINE 20)	20,944,186		
9	Net Generation (Enter Total of lines 3 through 8)	19,211,195					
10	Purchases	1,732,991					
11	Power Exchanges:						
12	Received						
13	Delivered						
14	Net Exchanges (Line 12 minus line 13)						
15	Transmission For Other (Wheeling)						
16	Received	480,646					
17	Delivered	480,646					
18	Net Transmission for Other (Line 16 minus line 17)						
19	Transmission By Others Losses						
20	TOTAL (Enter Total of lines 9, 10, 14, 18 and 19)	20,944,186					

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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MONTHLY PEAKS AND OUTPUT

1. Report the monthly peak load and energy output. If the respondent has two or more power which are not physically integrated, furnish the required information for each non- integrated system.
2. Report in column (b) by month the system's output in Megawatt hours for each month.
3. Report in column (c) by month the non-requirements sales for resale. Include in the monthly amounts any energy losses associated with the sales.
4. Report in column (d) by month the system's monthly maximum megawatt load (60 minute integration) associated with the system.
5. Report in column (e) and (f) the specified information for each monthly peak load reported in column (d).

NAME OF SYSTEM:

Line No.	Month (a)	Total Monthly Energy (b)	Monthly Non-Requirements Sales for Resale & Associated Losses (c)	MONTHLY PEAK		
				Megawatts (See Instr. 4) (d)	Day of Month (e)	Hour (f)
29	January	1,702,760	260,581	2,631	15	800
30	February	1,427,783	241,695	2,390	4	800
31	March	1,469,488	250,570	2,235	11	800
32	April	1,535,393	391,715	2,031	24	1700
33	May	1,688,878	494,203	2,363	31	1900
34	June	1,985,140	489,209	3,448	23	1800
35	July	2,006,693	495,482	3,182	9	1800
36	August	1,978,732	465,437	3,238	3	1800
37	September	1,858,103	653,318	2,389	11	1700
38	October	1,692,185	520,862	1,937	13	2000
39	November	1,611,070	478,722	2,071	17	1800
40	December	1,987,961	538,519	2,620	9	1900
41	TOTAL	20,944,186	5,280,313			

STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants)			
<p>1. Report data for plant in Service only. 2. Large plants are steam plants with installed capacity (name plate rating) of 25,000 Kw or more. Report in this page gas-turbine and internal combustion plants of 10,000 Kw or more, and nuclear plants. 3. Indicate by a footnote any plant leased or operated as a joint facility. 4. If net peak demand for 60 minutes is not available, give data which is available, specifying period. 5. If any employees attend more than one plant, report on line 11 the approximate average number of employees assignable to each plant. 6. If gas is used and purchased on a term basis report the Btu content or the gas and the quantity of fuel burned converted to Mct. 7. Quantities of fuel burned (Line 38) and average cost per unit of fuel burned (Line 41) must be consistent with charges to expense accounts 501 and 547 (Line 42) as show on Line 20. 8. If more than one fuel is burned in a plant furnish only the composite heat rate for all fuels burned.</p>			

Line No.	Item (a)	Plant Name: <i>Montrose</i> (b)			Plant Name: <i>Hawthorn 5</i> (c)		
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam			Steam		
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Full Outdoor			Full Outdoor		
3	Year Originally Constructed	1958			1969		
4	Year Last Unit was Installed	1964			1969		
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	563.00			594.00		
6	Net Peak Demand on Plant - MW (60 minutes)	512			563		
7	Plant Hours Connected to Load	8481			7814		
8	Net Continuous Plant Capability (Megawatts)	0			0		
9	When Not Limited by Condenser Water	510			476		
10	When Limited by Condenser Water	0			0		
11	Average Number of Employees	126			131		
12	Net Generation, Exclusive of Plant Use - KWh	3211592000			3982039000		
13	Cost of Plant: Land and Land Rights	1406842			807281		
14	Structures and Improvements	15476258			34052482		
15	Equipment Costs	203353500			437437995		
16	Asset Retirement Costs	6877641			8813288		
17	Total Cost	227114241			481111046		
18	Cost per KW of Installed Capacity (line 17/5) Including	403.4001			809.9513		
19	Production Expenses: Oper, Supv, & Engr	1083734			2047063		
20	Fuel	63869505			51268144		
21	Coolants and Water (Nuclear Plants Only)	0			0		
22	Steam Expenses	2569949			4472132		
23	Steam From Other Sources	0			0		
24	Steam Transferred (Cr)	0			0		
25	Electric Expenses	1769801			1141532		
26	Misc Steam (or Nuclear) Power Expenses	3124062			3044518		
27	Rents	17185			89036		
28	Allowances	0			0		
29	Maintenance Supervision and Engineering	1391351			1324141		
30	Maintenance of Structures	1266513			1225850		
31	Maintenance of Boiler (or reactor) Plant	5504128			7331544		
32	Maintenance of Electric Plant	941836			794783		
33	Maintenance of Misc Steam (or Nuclear) Plant	60621			12066		
34	Total Production Expenses	81598685			72750809		
35	Expenses per Net KWh	0.0254			0.0183		
36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Coal	Oil		Coal	Gas	
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Coal-tons	Oil-barrels		Coal-tons	Gas-mcf	
38	Quantity (Units) of Fuel Burned	2050919	22912	0	2408123	82141	0
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	8580	137391	0	8391	1000	0
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	28.330	67.540	0.000	18.310	6.238	0.000
41	Average Cost of Fuel per Unit Burned	29.629	65.443	0.000	18.598	6.238	0.000
42	Average Cost of Fuel Burned per Million BTU	1.727	11.341	0.000	1.108	6.238	0.000
43	Average Cost of Fuel Burned per KWh Net Gen	0.019	0.000	0.000	0.011	0.000	0.000
44	Average BTU per KWh Net Generation	1099.010	0.000	0.000	10169.121	0.000	0.000

STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) (Continued)

1. Report data for plant in Service only. 2. Large plants are steam plants with installed capacity (name plate rating) of 25,000 Kw or more. Report in this page gas-turbine and internal combustion plants of 10,000 Kw or more, and nuclear plants. 3. Indicate by a footnote any plant leased or operated as a joint facility. 4. If net peak demand for 60 minutes is not available, give data which is available, specifying period. 5. If any employees attend more than one plant, report on line 11 the approximate average number of employees assignable to each plant. 6. If gas is used and purchased on a term basis report the Btu content or the gas and the quantity of fuel burned converted to Mct. 7. Quantities of fuel burned (Line 38) and average cost per unit of fuel burned (Line 41) must be consistent with charges to expense accounts 501 and 547 (Line 42) as show on Line 20. 8. If more than one fuel is burned in a plant furnish only the composite heat rate for all fuels burned.

Line No.	Item (a)	Plant Name: <i>IATAN 100%</i> (b)	Plant Name: <i>IATAN 70%</i> (c)
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam	Steam
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Outdoor Boiler	Outdoor Boiler
3	Year Originally Constructed	1980	1980
4	Year Last Unit was Installed	1980	1980
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	726.00	508.00
6	Net Peak Demand on Plant - MW (60 minutes)	0	514
7	Plant Hours Connected to Load	0	6184
8	Net Continuous Plant Capability (Megawatts)	0	0
9	When Not Limited by Condenser Water	670	469
10	When Limited by Condenser Water	0	0
11	Average Number of Employees	175	0
12	Net Generation, Exclusive of Plant Use - KWh	3825376600	2683387600
13	Cost of Plant: Land and Land Rights	0	3713446
14	Structures and Improvements	0	86847102
15	Equipment Costs	0	605449142
16	Asset Retirement Costs	0	70544
17	Total Cost	0	696080234
18	Cost per KW of Installed Capacity (line 17/5) Including	0.0000	1370.2367
19	Production Expenses: Oper, Supv, & Engr	0	1722257
20	Fuel	0	35035507
21	Coolants and Water (Nuclear Plants Only)	0	0
22	Steam Expenses	0	3769301
23	Steam From Other Sources	0	0
24	Steam Transferred (Cr)	0	0
25	Electric Expenses	0	1472228
26	Misc Steam (or Nuclear) Power Expenses	0	2245468
27	Rents	0	0
28	Allowances	0	0
29	Maintenance Supervision and Engineering	0	368818
30	Maintenance of Structures	0	706740
31	Maintenance of Boiler (or reactor) Plant	0	3489725
32	Maintenance of Electric Plant	0	622087
33	Maintenance of Misc Steam (or Nuclear) Plant	0	72041
34	Total Production Expenses	0	49504172
35	Expenses per Net KWh	0.0000	0.0184
36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)		CoalOil
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)		Coal-tonsOil-barrels
38	Quantity (Units) of Fuel Burned	000	1623070225240
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	000	84001273710
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	0.0000.0000.000	17.57072.2800.000
41	Average Cost of Fuel per Unit Burned	0.0000.0000.000	18.57983.7790.000
42	Average Cost of Fuel Burned per Million BTU	0.0000.0000.000	1.10615.6610.000
43	Average Cost of Fuel Burned per KWh Net Gen	0.0000.0000.000	0.0120.0000.000
44	Average BTU per KWh Net Generation	0.0000.0000.000	10206.1780.0000.000

STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) (Continued)

1. Report data for plant in Service only. 2. Large plants are steam plants with installed capacity (name plate rating) of 25,000 Kw or more. Report in this page gas-turbine and internal combustion plants of 10,000 Kw or more, and nuclear plants. 3. Indicate by a footnote any plant leased or operated as a joint facility. 4. If net peak demand for 60 minutes is not available, give data which is available, specifying period. 5. If any employees attend more than one plant, report on line 11 the approximate average number of employees assignable to each plant. 6. If gas is used and purchased on a term basis report the Btu content or the gas and the quantity of fuel burned converted to Mct. 7. Quantities of fuel burned (Line 38) and average cost per unit of fuel burned (Line 41) must be consistent with charges to expense accounts 501 and 547 (Line 42) as show on Line 20. 8. If more than one fuel is burned in a plant furnish only the composite heat rate for all fuels burned.

Line No.	Item (a)	Plant Name: LACYGNE 1 (50%) (b)	Plant Name: LACYGNE 2 (50%) (c)
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam	Steam
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Full Outdoor	Full Outdoor
3	Year Originally Constructed	1973	1973
4	Year Last Unit was Installed	1977	1977
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	436.50	362.93
6	Net Peak Demand on Plant - MW (60 minutes)	378	342
7	Plant Hours Connected to Load	7114	7124
8	Net Continuous Plant Capability (Megawatts)	0	0
9	When Not Limited by Condenser Water	681	681
10	When Limited by Condenser Water	0	0
11	Average Number of Employees	0	0
12	Net Generation, Exclusive of Plant Use - KWh	2450766000	2179354000
13	Cost of Plant: Land and Land Rights	2321637	383925
14	Structures and Improvements	20147051	4918678
15	Equipment Costs	230644655	142967113
16	Asset Retirement Costs	1698071	0
17	Total Cost	254811414	148269716
18	Cost per KW of Installed Capacity (line 17/5) Including	583.7604	408.5353
19	Production Expenses: Oper, Supv, & Engr	566917	661545
20	Fuel	38516409	29819716
21	Coolants and Water (Nuclear Plants Only)	0	0
22	Steam Expenses	2814353	1663362
23	Steam From Other Sources	0	0
24	Steam Transferred (Cr)	0	0
25	Electric Expenses	639860	650113
26	Misc Steam (or Nuclear) Power Expenses	733264	704725
27	Rents	18118	18118
28	Allowances	0	0
29	Maintenance Supervision and Engineering	1352636	1219331
30	Maintenance of Structures	607600	532448
31	Maintenance of Boiler (or reactor) Plant	4988704	4173232
32	Maintenance of Electric Plant	385529	315475
33	Maintenance of Misc Steam (or Nuclear) Plant	20892	20892
34	Total Production Expenses	50644282	39778957
35	Expenses per Net KWh	0.0207	0.0183
36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Coal	Oil
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Coal-tons	Oil-barrels
38	Quantity (Units) of Fuel Burned	1484046	11100
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	8568	136964
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	21.852	71.950
41	Average Cost of Fuel per Unit Burned	22.958	91.808
42	Average Cost of Fuel Burned per Million BTU	1.340	15.960
43	Average Cost of Fuel Burned per KWh Net Gen	0.014	0.000
44	Average BTU per KWh Net Generation	10402.554	0.000

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) 04/19/2010			Year/Period of Report End of 2009/Q4	
STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants)(Continued)										
<p>9. Items under Cost of Plant are based on U. S. of A. Accounts. Production expenses do not include Purchased Power, System Control and Load Dispatching, and Other Expenses Classified as Other Power Supply Expenses. 10. For IC and GT plants, report Operating Expenses, Account Nos. 547 and 549 on Line 25 "Electric Expenses," and Maintenance Account Nos. 553 and 554 on Line 32, "Maintenance of Electric Plant." Indicate plants designed for peak load service. Designate automatically operated plants. 11. For a plant equipped with combinations of fossil fuel steam, nuclear steam, hydro, internal combustion or gas-turbine equipment, report each as a separate plant. However, if a gas-turbine unit functions in a combined cycle operation with a conventional steam unit, include the gas-turbine with the steam plant. 12. If a nuclear power generating plant, briefly explain by footnote (a) accounting method for cost of power generated including any excess costs attributed to research and development; (b) types of cost units used for the various components of fuel cost; and (c) any other informative data concerning plant type fuel used, fuel enrichment type and quantity for the report period and other physical and operating characteristics of plant.</p>										
Plant Name: Hawthorn 6 & 9 (d)			Plant Name: Hawthorn 7 & 8 (e)			Plant Name: OSAWATOMIE (f)			Line No.	
Combined Cycle			Gas Turbine			Gas Turbine			1	
Full Outdoor			Full Outdoor			Full Outdoor			2	
2000			2000			2003			3	
2000			2000			2003			4	
301.00			164.00			102.00			5	
283			147			63			6	
2643			131			35			7	
0			0			0			8	
281			154			0			9	
0			0			0			10	
0			0			0			11	
188380000			4516000			1373000			12	
0			0			694545			13	
2315862			885443			1557200			14	
123367307			53258094			30004539			15	
64655			0			0			16	
125747824			54143537			32256284			17	
417.7669			330.1435			316.2381			18	
529594			152022			63573			19	
8467288			448797			121959			20	
0			0			0			21	
274321			0			0			22	
0			0			0			23	
0			0			0			24	
1370966			69306			52501			25	
12752			765			169			26	
0			0			0			27	
0			0			0			28	
39086			0			389			29	
70363			466			315			30	
190176			0			99			31	
1038181			150473			1825			32	
0			0			0			33	
11992727			821829			240830			34	
0.0637			0.1820			0.1754			35	
Gas			Gas			Gas			36	
Gas-mcf			Gas-mcf			Gas-mcf			37	
1701680			82601			25670			38	
1000			1000			1000			39	
4.885			5.383			4.698			40	
4.885			5.383			4.698			41	
4.885			5.383			4.698			42	
0.044			0.098			0.088			43	
9033.231			18290.744			18696.286			44	

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) 04/19/2010		Year/Period of Report End of 2009/Q4	
STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants)(Continued)									
<p>9. Items under Cost of Plant are based on U. S. of A. Accounts. Production expenses do not include Purchased Power, System Control and Load Dispatching, and Other Expenses Classified as Other Power Supply Expenses. 10. For IC and GT plants, report Operating Expenses, Account Nos. 547 and 549 on Line 25 "Electric Expenses," and Maintenance Account Nos. 553 and 554 on Line 32, "Maintenance of Electric Plant." Indicate plants designed for peak load service. Designate automatically operated plants. 11. For a plant equipped with combinations of fossil fuel steam, nuclear steam, hydro, internal combustion or gas-turbine equipment, report each as a separate plant. However, if a gas-turbine unit functions in a combined cycle operation with a conventional steam unit, include the gas-turbine with the steam plant. 12. If a nuclear power generating plant, briefly explain by footnote (a) accounting method for cost of power generated including any excess costs attributed to research and development; (b) types of cost units used for the various components of fuel cost; and (c) any other informative data concerning plant type fuel used, fuel enrichment type and quantity for the report period and other physical and operating characteristics of plant.</p>									
Plant Name: WEST GARDNER (d)			Plant Name: NORTHEAST (e)			Plant Name: WOLF CREEK (f)			Line No.
Gas Turbine			Internal Combustion			Nuclear			1
Full Outdoor			Full Outdoor			Full Indoor			2
2003			1972			1985			3
2003			1977			1985			4
408.00			491.00			581.00			5
336			302			571			6
228			69			7543			7
0			0			0			8
0			0			550			9
0			0			0			10
0			7			981			11
35792000			-929760			4121201000			12
271106			285450			3411585			13
2255453			1111491			420636431			14
119976690			50403371			953515103			15
0			229609			0			16
122503249			52029921			1377563119			17
300.2531			105.9673			2371.0209			18
479223			208690			6065017			19
2921962			762971			20016098			20
0			0			2447327			21
2000			300			13044482			22
0			0			0			23
0			0			0			24
75857			445726			931434			25
85			11476			21563483			26
0			41			0			27
0			0			0			28
265			2193			6924082			29
8619			36253			2133684			30
122			0			10469485			31
514			225928			4251519			32
0			0			-3478635			33
3488647			1693578			84367976			34
0.0975			-1.8215			0.0205			35
Gas			Oil			Nuclear			36
Gas-mcf			Oil-barrels			Nuclear-mmbt			37
510125	0	0	11375	0	0	42612177	0	0	38
1000	0	0	143879	0	0	1	0	0	39
5.667	0.000	0.000	82.260	0.000	0.000	0.465	0.000	0.000	40
5.667	0.000	0.000	66.157	0.000	0.000	0.465	0.000	0.000	41
5.667	0.000	0.000	10.948	0.000	0.000	0.465	0.000	0.000	42
0.081	0.000	0.000	-0.809	0.000	0.000	0.005	0.000	0.000	43
14252.487	0.000	0.000	-73930.907	0.000	0.000	10343.120	0.000	0.000	44

Page 403.2

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) 04/19/2010	Year/Period of Report 2009/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 402 Line No.: 1 Column: f

Osawatomie designed for peak load service.

Schedule Page: 402 Line No.: 7 Column: b

Montrose Station is comprised of three units. Hours reported for the unit connected to load the longest.

Schedule Page: 402 Line No.: 7 Column: d

Hawthorn 6&9 is comprised of two units. Hours reported for the unit connected to load the longest.

Schedule Page: 402 Line No.: 7 Column: e

Hawthorn 7&8 is comprised of two units. Hours reported for the unit connected to load the longest.

Schedule Page: 402.1 Line No.: -1 Column: c

Kansas City Power & Light owns 70% of Iatan Station.

Schedule Page: 402.1 Line No.: -1 Column: f

Wolf Creek is a nuclear generating plant with a pressurized water reactor. The design is by Standard Nuclear Unit Power Plant System (SNUPPS). The plant is operated by the Wolf Creek Nuclear Operating Corporation. Wolf Creek is jointly owned by Kansas City Power & Light Company (47%), Kansas Gas and Electric Company (47%) and Kansas Electric Power Cooperative, Inc. (6%).

Schedule Page: 402.1 Line No.: 1 Column: d

West Gardner is designed for peak load service.

Schedule Page: 402.1 Line No.: 7 Column: d

West Gardner is comprised of four units. Hours reported for the unit connected to load the longest.

Schedule Page: 402.1 Line No.: 7 Column: e

Northeast is comprised of eight units. Hours reported for the unit connected to load the longest.

Schedule Page: 402.2 Line No.: -1 Column: b

Kansas City Power & Light owns 50% of LaCygne Station.

Schedule Page: 402.2 Line No.: -1 Column: c

Kansas City Power & Light owns 50% of LaCygne Station.

Schedule Page: 402.2 Line No.: 16 Column: b

ARO amount includes both LaCygne Unit 1 and Unit 2.

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) 04/19/2010		Year/Period of Report End of <u>2009/Q4</u>	
HYDROELECTRIC GENERATING PLANT STATISTICS (Large Plants)							
1. Large plants are hydro plants of 10,000 Kw or more of installed capacity (name plate ratings) 2. If any plant is leased, operated under a license from the Federal Energy Regulatory Commission, or operated as a joint facility, indicate such facts in a footnote. If licensed project, give project number. 3. If net peak demand for 60 minutes is not available, give that which is available specifying period. 4. If a group of employees attends more than one generating plant, report on line 11 the approximate average number of employees assignable to each plant.							
Line No.	Item (a)	FERC Licensed Project No. 0 Plant Name: (b)	FERC Licensed Project No. 0 Plant Name: (c)				
1	Kind of Plant (Run-of-River or Storage)						
2	Plant Construction type (Conventional or Outdoor)						
3	Year Originally Constructed						
4	Year Last Unit was Installed						
5	Total installed cap (Gen name plate Rating in MW)	0.00	0.00				
6	Net Peak Demand on Plant-Megawatts (60 minutes)	0	0				
7	Plant Hours Connect to Load	0	0				
8	Net Plant Capability (in megawatts)						
9	(a) Under Most Favorable Oper Conditions	0	0				
10	(b) Under the Most Adverse Oper Conditions	0	0				
11	Average Number of Employees	0	0				
12	Net Generation, Exclusive of Plant Use - Kwh	0	0				
13	Cost of Plant						
14	Land and Land Rights	0	0				
15	Structures and Improvements	0	0				
16	Reservoirs, Dams, and Waterways	0	0				
17	Equipment Costs	0	0				
18	Roads, Railroads, and Bridges	0	0				
19	Asset Retirement Costs	0	0				
20	TOTAL cost (Total of 14 thru 19)	0	0				
21	Cost per KW of Installed Capacity (line 20 / 5)	0.0000	0.0000				
22	Production Expenses						
23	Operation Supervision and Engineering	0	0				
24	Water for Power	0	0				
25	Hydraulic Expenses	0	0				
26	Electric Expenses	0	0				
27	Misc Hydraulic Power Generation Expenses	0	0				
28	Rents	0	0				
29	Maintenance Supervision and Engineering	0	0				
30	Maintenance of Structures	0	0				
31	Maintenance of Reservoirs, Dams, and Waterways	0	0				
32	Maintenance of Electric Plant	0	0				
33	Maintenance of Misc Hydraulic Plant	0	0				
34	Total Production Expenses (total 23 thru 33)	0	0				
35	Expenses per net KWh	0.0000	0.0000				

HYDROELECTRIC GENERATING PLANT STATISTICS (Large Plants) (Continued)

5. The items under Cost of Plant represent accounts or combinations of accounts prescribed by the Uniform System of Accounts. Production Expenses do not include Purchased Power, System control and Load Dispatching, and Other Expenses classified as "Other Power Supply Expenses."

6. Report as a separate plant any plant equipped with combinations of steam, hydro, internal combustion engine, or gas turbine equipment.

FERC Licensed Project No. 0 Plant Name: (d)	FERC Licensed Project No. 0 Plant Name: (e)	FERC Licensed Project No. 0 Plant Name: (f)	Line No.
			1
			2
			3
			4
0.00	0.00	0.00	5
0	0	0	6
0	0	0	7
			8
0	0	0	9
0	0	0	10
0	0	0	11
0	0	0	12
			13
0	0	0	14
0	0	0	15
0	0	0	16
0	0	0	17
0	0	0	18
0	0	0	19
0	0	0	20
0.0000	0.0000	0.0000	21
			22
0	0	0	23
0	0	0	24
0	0	0	25
0	0	0	26
0	0	0	27
0	0	0	28
0	0	0	29
0	0	0	30
0	0	0	31
0	0	0	32
0	0	0	33
0	0	0	34
0.0000	0.0000	0.0000	35

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) 04/19/2010	Year/Period of Report End of <u>2009/Q4</u>
PUMPED STORAGE GENERATING PLANT STATISTICS (Large Plants)					
<p>1. Large plants and pumped storage plants of 10,000 Kw or more of installed capacity (name plate ratings)</p> <p>2. If any plant is leased, operating under a license from the Federal Energy Regulatory Commission, or operated as a joint facility, indicate such facts in a footnote. Give project number.</p> <p>3. If net peak demand for 60 minutes is not available, give the which is available, specifying period.</p> <p>4. If a group of employees attends more than one generating plant, report on line 8 the approximate average number of employees assignable to each plant.</p> <p>5. The items under Cost of Plant represent accounts or combinations of accounts prescribed by the Uniform System of Accounts. Production Expenses do not include Purchased Power System Control and Load Dispatching, and Other Expenses classified as "Other Power Supply Expenses."</p>					
Line No.	Item (a)			FERC Licensed Project No. Plant Name: (b)	
1	Type of Plant Construction (Conventional or Outdoor)				
2	Year Originally Constructed				
3	Year Last Unit was Installed				
4	Total installed cap (Gen name plate Rating in MW)				
5	Net Peak Demand on Plant-Megawatts (60 minutes)				
6	Plant Hours Connect to Load While Generating				
7	Net Plant Capability (in megawatts)				
8	Average Number of Employees				
9	Generation, Exclusive of Plant Use - Kwh				
10	Energy Used for Pumping				
11	Net Output for Load (line 9 - line 10) - Kwh				
12	Cost of Plant				
13	Land and Land Rights				
14	Structures and Improvements				
15	Reservoirs, Dams, and Waterways				
16	Water Wheels, Turbines, and Generators				
17	Accessory Electric Equipment				
18	Miscellaneous Powerplant Equipment				
19	Roads, Railroads, and Bridges				
20	Asset Retirement Costs				
21	Total cost (total 13 thru 20)				
22	Cost per KW of installed cap (line 21 / 4)				
23	Production Expenses				
24	Operation Supervision and Engineering				
25	Water for Power				
26	Pumped Storage Expenses				
27	Electric Expenses				
28	Misc Pumped Storage Power generation Expenses				
29	Rents				
30	Maintenance Supervision and Engineering				
31	Maintenance of Structures				
32	Maintenance of Reservoirs, Dams, and Waterways				
33	Maintenance of Electric Plant				
34	Maintenance of Misc Pumped Storage Plant				
35	Production Exp Before Pumping Exp (24 thru 34)				
36	Pumping Expenses				
37	Total Production Exp (total 35 and 36)				
38	Expenses per KWh (line 37 / 9)				

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) 04/19/2010	Year/Period of Report End of <u>2009/Q4</u>
PUMPED STORAGE GENERATING PLANT STATISTICS (Large Plants) (Continued)					
<p>6. Pumping energy (Line 10) is that energy measured as input to the plant for pumping purposes.</p> <p>7. Include on Line 36 the cost of energy used in pumping into the storage reservoir. When this item cannot be accurately computed leave Lines 36, 37 and 38 blank and describe at the bottom of the schedule the company's principal sources of pumping power, the estimated amounts of energy from each station or other source that individually provides more than 10 percent of the total energy used for pumping, and production expenses per net MWH as reported herein for each source described. Group together stations and other resources which individually provide less than 10 percent of total pumping energy. If contracts are made with others to purchase power for pumping, give the supplier contract number, and date of contract.</p>					
FERC Licensed Project No. Plant Name: (c)	FERC Licensed Project No. Plant Name: (d)	FERC Licensed Project No. Plant Name: (e)	Line No.		
			1		
			2		
			3		
			4		
			5		
			6		
			7		
			8		
			9		
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GENERATING PLANT STATISTICS (Small Plants)

1. Small generating plants are steam plants of, less than 25,000 Kw; internal combustion and gas turbine-plants, conventional hydro plants and pumped storage plants of less than 10,000 Kw installed capacity (name plate rating). 2. Designate any plant leased from others, operated under a license from the Federal Energy Regulatory Commission, or operated as a joint facility, and give a concise statement of the facts in a footnote. If licensed project, give project number in footnote.

Line No.	Name of Plant (a)	Year Orig. Const. (b)	Installed Capacity Name Plate Rating (In MW) (c)	Net Peak Demand MW (60 min.) (d)	Net Generation Excluding Plant Use (e)	Cost of Plant (f)
1	Spearville Wind Energy Facility	2006	100.50	102.0	353,724,000	160,898,679
2	(67 Units @ 1.5 MW each)					
3						
4						
5						
6						
7						
8						
9						
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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) 04/19/2010	Year/Period of Report End of 2009/Q4
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GENERATING PLANT STATISTICS (Small Plants) (Continued)						
3. List plants appropriately under subheadings for steam, hydro, nuclear, internal combustion and gas turbine plants. For nuclear, see instruction 11, Page 403. 4. If net peak demand for 60 minutes is not available, give the which is available, specifying period. 5. If any plant is equipped with combinations of steam, hydro internal combustion or gas turbine equipment, report each as a separate plant. However, if the exhaust heat from the gas turbine is utilized in a steam turbine regenerative feed water cycle, or for preheated combustion air in a boiler, report as one plant.						
Plant Cost (Incl Asset Retire. Costs) Per MW (g)	Operation Exc'l. Fuel (h)	Production Expenses		Kind of Fuel (k)	Fuel Costs (in cents (per Million Btu) (l)	Line No.
		Fuel (i)	Maintenance (j)			
1,600,982	8,400,570		2,094,192	Wind		1
						2
						3
						4
						5
						6
						7
						8
						9
						10
						11
						12
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						46

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) 04/19/2010	Year/Period of Report 2009/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 410 Line No.: 1 Column: e

Amounts reported for net generation are in Kwh.

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TRANSMISSION LINE STATISTICS

- Report information concerning transmission lines, cost of lines, and expenses for year. List each transmission line having nominal voltage of 132 kilovolts or greater. Report transmission lines below these voltages in group totals only for each voltage.
- Transmission lines include all lines covered by the definition of transmission system plant as given in the Uniform System of Accounts. Do not report substation costs and expenses on this page.
- Report data by individual lines for all voltages if so required by a State commission.
- Exclude from this page any transmission lines for which plant costs are included in Account 121, Nonutility Property.
- Indicate whether the type of supporting structure reported in column (e) is: (1) single pole wood or steel; (2) H-frame wood, or steel poles; (3) tower; or (4) underground construction. If a transmission line has more than one type of supporting structure, indicate the mileage of each type of construction by the use of brackets and extra lines. Minor portions of a transmission line of a different type of construction need not be distinguished from the remainder of the line.
- Report in columns (f) and (g) the total pole miles of each transmission line. Show in column (f) the pole miles of line on structures the cost of which is reported for the line designated; conversely, show in column (g) the pole miles of line on structures the cost of which is reported for another line. Report pole miles of line on leased or partly owned structures in column (g). In a footnote, explain the basis of such occupancy and state whether expenses with respect to such structures are included in the expenses reported for the line designated.

Line No.	DESIGNATION		VOLTAGE (KV) (Indicate where other than 60 cycle, 3 phase)		Type of Supporting Structure (e)	LENGTH (Pole miles) (In the case of underground lines report circuit miles)		Number Of Circuits (h)
	From (a)	To (b)	Operating (c)	Designed (d)		On Structure of Line Designated (f)	On Structures of Another Line (g)	
1	Missouri (Overhead Lines):							
2	Stilwell	Sibley	345.00	345.00	Wd-H-Frame	5.22		1
3	Sibley	Overton	345.00	345.00	Wd-H-Frame	73.02		1
4	Hawthorn	Nashua-St. Joe	345.00	345.00	Wd-H-Frame	31.33		1
5	River X Iatan	Stranger Creek Jct	345.00	345.00	Tower	0.34		1
6	Iatan	Stranger Creek Jct	345.00	345.00	Wd-H-Frame	1.38		1
7	Hawthorn	Sibley	345.00	345.00	Wd-H-Frame	17.76		1
8	DC River X Hawthorn	Nashua/Sibley	345.00	345.00	Tower	0.57		2
9	River X Hawthorn	Sibley	345.00	345.00	Tower	0.44		1
10	Total 345 Kv					130.06		9
11	Common R/W	Hawthorn Plant	161.00	161.00				
12	Hawthorn	Blue Valley Tower	161.00	161.00	Tower	1.82		1
13	Hawthorn	Leeds Tower	161.00	161.00	Wd-H-Frame	1.37		1
14	Blue Valley Tower	Blue Valley	161.00	161.00	Tower	0.51		3
15	Hawthorn	Randolph-Avon	161.00	161.00	Wd-H-Frame	5.08		1
16	TC River X	Hawthorn	161.00	161.00	Tower	0.54		3
17	DC River X	Northeast	161.00	161.00	Tower	0.36		2
18	Blue Valley	Winchester Jct	161.00	161.00	Wd-H-Frame	7.92		1
19	Leeds Tower	Loma Vista	161.00	161.00	Wd-H-Frame	11.03		1
20	Southtown	Bunker Ridge	161.00	161.00	Wd-H-Frame	3.08		1
21	Northeast	Grand Ave	161.00	161.00	Wd-H-Frame	0.13		1
22	BI Mills Jct	Blue Mills #2	161.00	161.00	Wood Pole	0.23		1
23	Leeds	Roeland Park	161.00	161.00	Wd-H-Frame	2.31		1
24	DC Southtown	Hickman/Grandview	161.00	161.00	Wd-H-Frame	0.11		2
25	DC Montrose	Loma Vista	161.00	161.00	Tower	0.97		2
26	Grand Ave	Navy-Terrace	161.00	161.00	Wd-H-Frame	1.95		1
27	Common R/W	Hawthorn-Southtown	161.00	161.00				
28	Northeast	Crosstown	161.00	161.00	Stl Pl / Tower	0.19		1
29	Maywood	Weatherby	161.00	161.00	Stl Pl/Wd-H-Fr	5.19		1
30	DC NE-Grand Ave	Hawthorn-Crosstown	161.00	161.00	Tower	0.21		2
31	Montrose	Stillwell #13	161.00	161.00	Wood Pole	48.20		1
32	Montrose	Loma Vista #9	161.00	161.00	Wd-H-Frame	57.26		1
33	Montrose	Loma Vista #11	161.00	161.00	Wd-H-Frame	57.29		1
34	Montrose	Stilwell			0			
35	Montrose	Archie-Stilwell	161.00	161.00	Wd-H-Frame	48.15		1
36					TOTAL	1,796.90		195

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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TRANSMISSION LINE STATISTICS

1. Report information concerning transmission lines, cost of lines, and expenses for year. List each transmission line having nominal voltage of 132 kilovolts or greater. Report transmission lines below these voltages in group totals only for each voltage.
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5. Indicate whether the type of supporting structure reported in column (e) is: (1) single pole wood or steel; (2) H-frame wood, or steel poles; (3) tower; or (4) underground construction. If a transmission line has more than one type of supporting structure, indicate the mileage of each type of construction by the use of brackets and extra lines. Minor portions of a transmission line of a different type of construction need not be distinguished from the remainder of the line.
6. Report in columns (f) and (g) the total pole miles of each transmission line. Show in column (f) the pole miles of line on structures the cost of which is reported for the line designated; conversely, show in column (g) the pole miles of line on structures the cost of which is reported for another line. Report pole miles of line on leased or partly owned structures in column (g). In a footnote, explain the basis of such occupancy and state whether expenses with respect to such structures are included in the expenses reported for the line designated.

Line No.	DESIGNATION		VOLTAGE (KV) (Indicate where other than 60 cycle, 3 phase)		Type of Supporting Structure (e)	LENGTH (Pole miles) (In the case of underground lines report circuit miles)		Number Of Circuits (h)
	From (a)	To (b)	Operating (c)	Designed (d)		On Structure of Line Designated (f)	On Structures of Another Line (g)	
1	Southtown	Grandview	161.00	161.00	Wd-H-Frame	7.71		1
2	Stilwell	Hickman	161.00	161.00	Wd-H-Frame	6.64		1
3	Hawthorn	Blue Valley	161.00	161.00	Wd-H-Frame	1.71		1
4	Hawthorn	Missouri City	161.00	161.00	Wd-H-Frame	14.30		1
5	Missouri City	Moberly	161.00	161.00	Wd-H-Frame	90.23		1
6	Salisbury	Norton	161.00	161.00	Wd-H-Frame	22.28		1
7	Norton	Malta Bend	161.00	161.00	Wd-H-Frame	14.18		1
8	Nashua	St Joseph	161.00	161.00	Wd-H-Frame	31.14		1
9	Montrose	Clinton	161.00	161.00	Wd-H-Frame	12.22		1
10	Midtown	Forest	161.00	161.00	Steel Pole	1.62		1
11	Forest	Southtown	161.00	161.00	Steel Pole	3.24		1
12	Blue Mills Jct	Blue Mills #1	161.00	161.00	Wd-H-Frame	0.21		1
13	Terrace	State Line	161.00	161.00	Wd-H-Frame	0.78		1
14	Armco	Melt Shop Jct	161.00	161.00	Steel Pole	0.32		1
15	Barry	Line Creek	161.00	161.00	Wood Pole	4.19		1
16	Winchester Jct	Southtown	161.00	161.00	Wd-H-Frame	7.47		1
17	Winchester Jct	Swope #1	161.00	161.00	Wd-H-Frame	0.39		1
18	DC NKC	NE / Avondale	161.00	161.00	Steel Pole	1.16		2
19	Northeast	NKC	161.00	161.00	Steel Pole	0.16		1
20	DC Martin City	Redel / Grandview	161.00	161.00	Steel Pole	0.36		2
21	Southtown	Hickman	161.00	161.00	Wd-H-Frame	5.44		1
22	Martin City	Grandview	161.00	161.00	Wd-H-Frame	1.34		1
23	Line Creek	Riverside	161.00	161.00	Wd-Stl-Pole	4.20		1
24	Hawthorn	Independence	161.00	161.00	Steel Pole	1.75		1
25	Birmingham	Claycomo	161.00	161.00	Wd-H-Frame	4.39		1
26	Avondale	NKC	161.00	161.00	Wd-H-Frame	2.14		1
27	Northeast	Avondale	161.00	161.00	Wd-H-Frame	2.10		1
28	Avondale Jct	Riverside	161.00	161.00	Wd-St Pl/H Fr	4.47		1
29	Northeast	Grand West	161.00	161.00	Steel Pole	1.51		1
30	Bunker Ridge	Loma Vista	161.00	161.00	Wd-H-Frame	0.78		1
31	DC Bunker Ridge	Southtown/Loma Vista	161.00	161.00	Steel Pole	1.31		2
32	Weatherby	Tiffany	161.00	161.00	Stl Pl/Wd-H-Fr	3.95		1
33	Tiffany	Roanridge	161.00	161.00	Steel Pole	1.64		1
34	Roanridge	Barry	161.00	161.00	Steel Pole	2.35		1
35	Roanridge	Nashua	161.00	161.00	Stl Pl/Wd-H-Fr	4.99		1
36					TOTAL	1,796.90		195

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6. Report in columns (f) and (g) the total pole miles of each transmission line. Show in column (f) the pole miles of line on structures the cost of which is reported for the line designated; conversely, show in column (g) the pole miles of line on structures the cost of which is reported for another line. Report pole miles of line on leased or partly owned structures in column (g). In a footnote, explain the basis of such occupancy and state whether expenses with respect to such structures are included in the expenses reported for the line designated.

Line No.	DESIGNATION		VOLTAGE (KV) (Indicate where other than 60 cycle, 3 phase)		Type of Supporting Structure (e)	LENGTH (Pole miles) (In the case of underground lines report circuit miles)		Number Of Circuits (h)
	From (a)	To (b)	Operating (c)	Designed (d)		On Structure of Line Designated (f)	On Structures of Another Line (g)	
1	DC Roanridge	Barry/Nashua	161.00	161.00	Steel Pole	0.95		2
2	Hawthorn	Leeds #27	161.00	161.00	StlPI/Stl-H-Fr	6.19		1
3	Gladstone	Shoal Creek	161.00	161.00	Wd/Stl Pole	3.70		1
4	Shoal Creek	Nashua	161.00	161.00	Wd-H-Frame	6.85		1
5	Shoal Creek	Claycomo	161.00	161.00	Wd/Stl Pole	4.33		1
6	Hawthorn	Levee	161.00	161.00	Steel Pole	0.36		1
7	Levee	Northeast #17	161.00	161.00	Stl PIWd-H-Fr	5.32		1
8	Hawthorn	Chouteau	161.00	161.00	Stl/Wd-H-Fr	2.85		1
9	Chouteau	Northeast #5	161.00	161.00	Wd-H-Frame	2.37		1
10	DC Hawthorn	Leeds/Chouteau	161.00	161.00	Steel Pole	0.39		2
11	Malta Bend	S Waverly	161.00	161.00		7.63		1
12	Martin City	Redel	161.00	161.00	Wd-H-Fr	0.62		1
13	Leeds	Independence	161.00	161.00	Steel Pole	1.15		1
14	DC Leeds	Hawthorn/Independ	161.00	161.00	Steel Pole	1.03		2
15	Winchester Jct	Swope #2	161.00	161.00	Wd-H-Fr	0.48		1
16	Avondale	Gladstone	161.00	161.00	Wd Pole/H-Fr	5.74		1
17	Southtown	Bendix	161.00	161.00	Wd-H-Fr	1.35		1
18	Bendix	Tomahawk	161.00	161.00	Wd-H-Frame	4.15		1
19	Tomahawk	Mission Jct	161.00	161.00	Wd-H-Frame	3.14		1
20	Total 161 Kv					575.17		90
21	Various 66 Kv					77.29		
22	Total 66 Kv					77.29		
23	Various 33 Kv					161.17		
24	Total 33 Kv					161.17		
25	Underground Lines:							
26	Grand Ave	Guinotte Ts	161.00	161.00	Ug Const	1.34		1
27	Midtown	Brush Creek Ts	161.00	161.00	Ug Const	2.06		1
28	Midtown	Roe Ts	161.00	161.00	Ug Const	2.00		1
29	Grand Ave	Crosstown	161.00	161.00	Ug Const	2.06		1
30	Crosstown	Guinotte TS	161.00	161.00	Ug Const	2.69		1
31	Grand Ave	Navy/Terrace	161.00	161.00	Ug Const	0.18		1
32	Total 161 Kv Underground					10.33		6
33	Anderson		34.00	34.00	Ug Const			1
34	Total 34Kv Underground							1
35	Kansas (Overhead Lines)							
36					TOTAL	1,796.90		195

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Line No.	DESIGNATION		VOLTAGE (KV) (Indicate where other than 60 cycle, 3 phase)		Type of Supporting Structure (e)	LENGTH (Pole miles) (In the case of underground lines report circuit miles)		Number Of Circuits (h)
	From (a)	To (b)	Operating (c)	Designed (d)		On Structure of Line Designated (f)	On Structures of Another Line (g)	
1	Swissvale	Stilwell	345.00	345.00	Wd-H-Frame	32.82		1
2	Stilwell	Sibley	345.00	345.00	Wd-H-Frame	3.05		1
3	LaCygne	Stilwell	345.00	345.00	Wd-H-Frame	30.78		1
4	LaCygne	W. Gardner	345.00	345.00	Wd-H-Frame	40.38		1
5	DC Craig	Gardner/Cedar Ck	345.00	345.00	Steel Pole	2.06		2
6	River X Iatan	Stranger Creek Jct	345.00	345.00	Tower	0.40		1
7	Iatan	Stranger Creek Jct	345.00	345.00	Wd-H-Frame	11.90		1
8	Stranger Creek Jct	Craig	345.00	345.00	Wd-H-Frame	28.14		1
9	Craig	W. Gardner	345.00	345.00	Wd-H-Frame	16.19		1
10	DC W Gardner	LaCygne/Craig	345.00	345.00	Steel Pole	0.05		2
11	Wolf Creek		345.00	345.00				
12	DC W Gardner	LaCygne/Ottawa	345.00	345.00	St Pole/H-Fr	0.49		2
13	Total 345 Kv					166.26		14
14	Leeds	Roeland Pk	161.00	161.00	Wd-H-Frame	0.17		1
15	Greenwood	Shawnee	161.00	161.00	Wd-H-Frame	3.12		1
16	Oxford	Olathe	161.00	161.00	Steel Pole	3.08		1
17	Mission Jct	Kenilworth	161.00	161.00	Wd-H-Frame	4.79		1
18	Overland Pk	Roeland Pk	161.00	161.00	Wd-H-Frame	7.26		1
19	Common R/W	Shawnee-Fisher Jct	161.00	161.00				
20	Maywood	Weatherby	161.00	161.00	Wd-H-Frame	5.30		1
21	Montrose	Silwell #3	161.00	161.00	Wd-H-Frame	3.26		1
22	Montrose	Archie-Stilwell	161.00	161.00	Wd-H-Frame	3.14		1
23	Stilwell	Hickman	161.00	161.00	Wd-H-Frame	6.94		1
24	Brookridge	Overland Pk	161.00	161.00	Wd-H-Frame	1.92		1
25	Stilwell	Antioch	161.00	161.00	Wd-H-Frame	8.45		1
26	Wagstaff	Centennial	161.00	161.00	Wd-H-Frame	11.33		1
27	Paola	Marmaton	161.00	161.00	Wd-H-Frame	51.33		1
28	Paola	S. Ottawa	161.00	161.00	Wd-H-Frame	21.81		1
29	Merriam	Greenwood	161.00	161.00	Wd-H-Frame	4.41		1
30	Greenwood	Midland	161.00	161.00	Wd-H-Frame	2.23		1
31	Greenwood	Metropolitian	161.00	161.00	Wd-H-Frame	4.98		1
32	Kenilworth	Lenexa	161.00	161.00	Wood Pole	11.43		1
33	College	Olathe	161.00	161.00	Wood Pole	3.72		1
34	Craig	Lenexa	161.00	161.00	Steel Pole	0.22		1
35	Craig	College	161.00	161.00	Wd-H-Frame	0.47		1
36					TOTAL	1,796.90		195

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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TRANSMISSION LINE STATISTICS

1. Report information concerning transmission lines, cost of lines, and expenses for year. List each transmission line having nominal voltage of 132 kilovolts or greater. Report transmission lines below these voltages in group totals only for each voltage.
2. Transmission lines include all lines covered by the definition of transmission system plant as given in the Uniform System of Accounts. Do not report substation costs and expenses on this page.
3. Report data by individual lines for all voltages if so required by a State commission.
4. Exclude from this page any transmission lines for which plant costs are included in Account 121, Nonutility Property.
5. Indicate whether the type of supporting structure reported in column (e) is: (1) single pole wood or steel; (2) H-frame wood, or steel poles; (3) tower; or (4) underground construction. If a transmission line has more than one type of supporting structure, indicate the mileage of each type of construction by the use of brackets and extra lines. Minor portions of a transmission line of a different type of construction need not be distinguished from the remainder of the line.
6. Report in columns (f) and (g) the total pole miles of each transmission line. Show in column (f) the pole miles of line on structures the cost of which is reported for the line designated; conversely, show in column (g) the pole miles of line on structures the cost of which is reported for another line. Report pole miles of line on leased or partly owned structures in column (g). In a footnote, explain the basis of such occupancy and state whether expenses with respect to such structures are included in the expenses reported for the line designated.

Line No.	DESIGNATION		VOLTAGE (KV) (Indicate where other than 60 cycle, 3 phase)		Type of Supporting Structure (e)	LENGTH (Pole miles) (In the case of underground lines report circuit miles)		Number Of Circuits (h)
	From (a)	To (b)	Operating (c)	Designed (d)		On Structure of Line Designated (f)	On Structures of Another Line (g)	
1	Craig	Greenwood #3	161.00	161.00	Wd-H-Frame	3.98		1
2	DC Craig-Greenwood	Lenexa-Kenilworth	161.00	161.00	Steel Pole	0.11		2
3	DC Craig	Lenexa/Greenwood	161.00	161.00	Steel Pole	2.73		2
4	DC Moonlight	Murlen/Gardner	161.00	161.00	Stl-Wd-Pole	0.39		2
5	Moonlight	W. Gardner	161.00	161.00	Steel Pole	5.39		1
6	Switzer	Riley	161.00	161.00	Steel Pole	1.82		1
7	Switzer	Olathe	161.00	161.00	Steel Pole	4.01		1
8	DC Switzer	Riley/Olathe	161.00	161.00	Steel Pole	0.22		2
9	DC Oxford	Antioch/Olathe	161.00	161.00	Wood Pole	1.30		2
10	Olathe	Murlen	161.00	161.00	Stl-Wd-Pole	4.58		1
11	Kenilworth	Overland Pk	161.00	161.00	Wd-H-Frame	3.28		1
12	DC Overland Pk	Brookrdg/Kenilworth	161.00	161.00	Wd-H-Frame	0.12		2
13	Centennial	Paola	161.00	161.00	Wood Pole	2.86		1
14	Gardner	Ottawa	161.00	161.00	Wd-H-Frame	24.34		1
15	Stilwell	Spring Hill	161.00	161.00	Wd-H-Frame	9.07		1
16	DC Stilwell	Redel/Spring Hill	161.00	161.00	Wd-H-Frame	1.31		2
17	Antioch	Oxford	161.00	161.00	Wd-H-Frame	4.90		1
18	W Gardner	Cedar Creek	161.00	161.00	Stl Pl/Stl-H-F	14.46		1
19	Martin City	Redel	161.00	161.00	Wd-H-Frame	2.74		1
20	Redel	Stilwell	161.00	161.00	Wd-H-Frame	4.21		1
21	Craig	Pflumm	161.00	161.00	Steel Pole	4.36		1
22	Pflumm	Overland Park	161.00	161.00	Steel Pole	1.83		1
23	Metropolitan	Maywood	161.00	161.00	Stl-Wd-H-Fr	4.97		1
24	Cedar Creek	Greenwood	161.00	161.00	Stl-Wd-Pole	9.89		1
25	DC Craig	Overland Park/College	161.00	161.00	Steel Pole	1.77		2
26	Lenexa Tap	Craig-Greenwood	161.00	161.00	Steel Pole	0.06		1
27	DC Riley	Brookridge/Switzer	161.00	161.00	Steel Pole	1.53		2
28	Brookridge	Riley	161.00	161.00	Steel Pole	2.56		1
29	Craig	Cedar Creek	161.00	161.00	Stl-Wd-H-Fr	1.30		1
30	Tomahawk	Mission Jct	161.00	161.00	Wd-H-Frame	1.73		1
31	Riley	Sprint	161.00	161.00	Steel Pole	0.90		1
32	Sprint	Mission Jct	161.00	161.00	Steel Pole	2.63		1
33	Bucyrus	Wagstaff	161.00	161.00	Wd-H-Frame	4.22		1
34	Stilwell	Bucyrus	161.00	161.00	Wd-H-Frame	3.05		1
35	Bucyrus	N Louisburg	161.00	161.00	Steel Pole	7.85		1
36					TOTAL	1,796.90		195

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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TRANSMISSION LINE STATISTICS

1. Report information concerning transmission lines, cost of lines, and expenses for year. List each transmission line having nominal voltage of 132 kilovolts or greater. Report transmission lines below these voltages in group totals only for each voltage.

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6. Report in columns (f) and (g) the total pole miles of each transmission line. Show in column (f) the pole miles of line on structures the cost of which is reported for the line designated; conversely, show in column (g) the pole miles of line on structures the cost of which is reported for another line. Report pole miles of line on leased or partly owned structures in column (g). In a footnote, explain the basis of such occupancy and state whether expenses with respect to such structures are included in the expenses reported for the line designated.

Line No.	DESIGNATION		VOLTAGE (KV) (Indicate where other than 60 cycle, 3 phase)		Type of Supporting Structure (e)	LENGTH (Pole miles) (In the case of underground lines report circuit miles)		Number Of Circuits (h)
	From (a)	To (b)	Operating (c)	Designed (d)		On Structure of Line Designated (f)	On Structures of Another Line (g)	
1	Paola	Ossawatomie	161.00	161.00	Steel Pole	0.32		1
2	W Gardner	Cedar Niles	161.00	161.00	Steel Pole	8.20		1
3	DC SE Ottawa	Gardner/S Ottawa	161.00	161.00	Stl-H-Frame	1.34		2
4	Moonlight	Quarry	161.00	161.00	Wd-Stl Pole	4.82		1
5	Quarry	Murlen	161.00	161.00	Wd/Stl Pole	5.62		1
6	SE Ottawa	S Ottawa	161.00	161.00	Wd Frm/Stl Pl	1.46		1
7	W Gardner	Bull Creek	161.00	161.00		0.26		1
8	Total 161 Kv					321.85		73
9	Windfarm	Spearville	230.00	230.00	Steel Pole	0.31		1
10	Total 230 Kv					0.31		1
11	Various 66 Kv					2.01		
12	Total 66 Kv					2.01		
13	Various 33 Kv					350.62		
14	Total 33 Kv					350.62		
15	Underground Lines:							
16	Midtown	Roe TS	161.00	161.00	UG Const	1.83		1
17	Transmission Line Expenses							
18	Overhead							
19	Underground							
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36					TOTAL	1,796.90		195

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) 04/19/2010	Year/Period of Report End of 2009/Q4
TRANSMISSION LINE STATISTICS (Continued)			
<p>7. Do not report the same transmission line structure twice. Report Lower voltage Lines and higher voltage lines as one line. Designate in a footnote if you do not include Lower voltage lines with higher voltage lines. If two or more transmission line structures support lines of the same voltage, report the pole miles of the primary structure in column (f) and the pole miles of the other line(s) in column (g)</p> <p>8. Designate any transmission line or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and terms of Lease, and amount of rent for year. For any transmission line other than a leased line, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars (details) of such matters as percent ownership by respondent in the line, name of co-owner, basis of sharing expenses of the Line, and how the expenses borne by the respondent are accounted for, and accounts affected. Specify whether lessor, co-owner, or other party is an associated company.</p> <p>9. Designate any transmission line leased to another company and give name of Lessee, date and terms of lease, annual rent for year, and how determined. Specify whether lessee is an associated company.</p> <p>10. Base the plant cost figures called for in columns (j) to (l) on the book cost at end of year.</p>			

Size of Conductor and Material (i)	COST OF LINE (Include in Column (j) Land, Land rights, and clearing right-of-way)			EXPENSES, EXCEPT DEPRECIATION AND TAXES				Line No.
	Land (j)	Construction and Other Costs (k)	Total Cost (l)	Operation Expenses (m)	Maintenance Expenses (n)	Rents (o)	Total Expenses (p)	
								1
795M-AL	76,506	425,198	501,704					2
795M-AL	445,796	5,541,118	5,986,914					3
795M-AL	771,067	3,538,534	4,309,601					4
954M-AL		504,481	504,481					5
954M-AL		349,112	349,112					6
795M-AL	456,349	1,577,776	2,034,125					7
795M-AL	3,593	580,777	584,370					8
795M-AL	27,465	265,639	293,104					9
	1,780,776	12,782,635	14,563,411					10
	52,652		52,652					11
1192M-AL	1,348	295,551	296,899					12
1192M-AL	48,173	448,420	496,593					13
1192M-AL	82,960	291,126	374,086					14
1192M-AL	52,016	1,665,564	1,717,580					15
1192M-AL	2,533	548,053	550,586					16
1192M-AL		171,236	171,236					17
1192M-AL	228,268	1,028,259	1,256,527					18
1192M-AL	208,401	1,023,267	1,231,668					19
1192M-AL	44,167	365,322	409,489					20
1192M-AL	31,656	668,852	700,508					21
795M-AL		53,208	53,208					22
1192M-AL	76,527	251,045	327,572					23
1192M-AL		77,369	77,369					24
1192M-AL		345,839	345,839					25
1192M-AL	85,667	764,692	850,359					26
	79,514		79,514					27
1192M-AL		204,924	204,924					28
1192M-AL	188,104	423,686	611,790					29
1192M-AL		60,727	60,727					30
1192M-AL	144,576	2,296,613	2,441,189					31
1192M-AL	305,069	2,339,494	2,644,563					32
1192M-AL	313,956	2,630,098	2,944,054					33
0								34
1192M-AL	140,512	1,676,377	1,816,889					35
	23,780,243	207,665,769	231,446,012	232,800	2,047,203	2,424,391	4,704,394	36

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) 04/19/2010	Year/Period of Report End of 2009/Q4
TRANSMISSION LINE STATISTICS (Continued)			
<p>7. Do not report the same transmission line structure twice. Report Lower voltage Lines and higher voltage lines as one line. Designate in a footnote if you do not include Lower voltage lines with higher voltage lines. If two or more transmission line structures support lines of the same voltage, report the pole miles of the primary structure in column (f) and the pole miles of the other line(s) in column (g)</p> <p>8. Designate any transmission line or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and terms of Lease, and amount of rent for year. For any transmission line other than a leased line, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars (details) of such matters as percent ownership by respondent in the line, name of co-owner, basis of sharing expenses of the Line, and how the expenses borne by the respondent are accounted for, and accounts affected. Specify whether lessor, co-owner, or other party is an associated company.</p> <p>9. Designate any transmission line leased to another company and give name of Lessee, date and terms of lease, annual rent for year, and how determined. Specify whether lessee is an associated company.</p> <p>10. Base the plant cost figures called for in columns (j) to (l) on the book cost at end of year.</p>			

Size of Conductor and Material (i)	COST OF LINE (Include in Column (j) Land, Land rights, and clearing right-of-way)			EXPENSES, EXCEPT DEPRECIATION AND TAXES				Line No.
	Land (j)	Construction and Other Costs (k)	Total Cost (l)	Operation Expenses (m)	Maintenance Expenses (n)	Rents (o)	Total Expenses (p)	
1192M-AL	26,674	559,879	586,553					1
1192M-AL	202,848	339,287	542,135					2
1192M-AL		113,604	113,604					3
556M-AL	54,414	733,244	787,658					4
556M-AL	111,599	3,786,680	3,898,279					5
795M-AL	69,438	949,226	1,018,664					6
795M-AL	68,625	805,591	874,216					7
397M-AL	175,716	1,575,810	1,751,526					8
795M-AL	70,936	1,850,242	1,921,178					9
1192M-AL		328,845	328,845					10
1192M-AL		1,056,532	1,056,532					11
795M-AL	2,839	25,805	28,644					12
1192M-AL		152,273	152,273					13
556M-AL	504	78,372	78,876					14
1192M-AL	356,681	581,325	938,006					15
1192M-AL	26,316	1,036,149	1,062,465					16
1192M-AL	20,400	165,303	185,703					17
1192M-AL	85,589	905,470	991,059					18
1192M-AL		151,542	151,542					19
1192M-AL		219,013	219,013					20
1192M-AL	73,499	469,933	543,432					21
1192M-AL		112,884	112,884					22
1192M-AL	1,195,041	1,204,295	2,399,336					23
1192M-AL	6	15	21					24
1192M-AL	122,386	1,425,824	1,548,210					25
1192M-AL		256,122	256,122					26
1192M-AL		100,252	100,252					27
1192M-AL	76,838	1,104,187	1,181,025					28
1192M-AL	37,215	1,140,396	1,177,611					29
1192M-AL	77,428	84,904	162,332					30
1192M-AL		381,686	381,686					31
1192M-AL	112,393	439,952	552,345					32
1192M-AL	44,957	360,450	405,407					33
1192M-AL	95,111	574,894	670,005					34
1192M-AL	188,750	411,619	600,369					35
	23,780,243	207,665,769	231,446,012	232,800	2,047,203	2,424,391	4,704,394	36

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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TRANSMISSION LINE STATISTICS (Continued)

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9. Designate any transmission line leased to another company and give name of Lessee, date and terms of lease, annual rent for year, and how determined. Specify whether lessee is an associated company.
10. Base the plant cost figures called for in columns (j) to (l) on the book cost at end of year.

Size of Conductor and Material (i)	COST OF LINE (Include in Column (j) Land, Land rights, and clearing right-of-way)			EXPENSES, EXCEPT DEPRECIATION AND TAXES				Line No.
	Land (j)	Construction and Other Costs (k)	Total Cost (l)	Operation Expenses (m)	Maintenance Expenses (n)	Rents (o)	Total Expenses (p)	
1192M-AL		514,888	514,888					1
1192M-AL	822,714	3,509,116	4,331,830					2
1192M-AL	134,856	771,326	906,182					3
1192M-AL	845,342	1,300,546	2,145,888					4
1192M-AL	197,910	582,832	780,742					5
1192M-AL		204,426	204,426					6
1192M-AL	12,198	1,446,349	1,458,547					7
1192M-AL	31,708	1,200,858	1,232,566					8
1192M-AL	19,393	992,620	1,012,013					9
1192M-AL		490,453	490,453					10
	29,156	248,484	277,640					11
1192M-AL		48,265	48,265					12
1192M-AL	9	7	16					13
1192M-AL		59,005	59,005					14
1192M-AL		229,104	229,104					15
1192M-AL	5,970	1,113,462	1,119,432					16
1192M-AL	51,926	443,864	495,790					17
1192M-AL	80,782	696,558	777,340					18
1192M-AL	24,504	419,790	444,294					19
	7,638,770	55,383,280	63,022,050					20
	458,508	11,915,269	12,373,777					21
	458,508	11,915,269	12,373,777					22
	192,727	11,090,609	11,283,336					23
	192,727	11,090,609	11,283,336					24
								25
2500M-CO		535,502	535,502					26
2500M-CO		995,631	995,631					27
2500M-CO		1,218,806	1,218,806					28
2500M-CO		932,287	932,287					29
2500M-CO		1,350,708	1,350,708					30
2500M-CO		148,975	148,975					31
		5,181,909	5,181,909					32
500M-AL		229,961	229,961					33
		229,961	229,961					34
								35
	23,780,243	207,665,769	231,446,012	232,800	2,047,203	2,424,391	4,704,394	36

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TRANSMISSION LINE STATISTICS (Continued)			
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Size of Conductor and Material (i)	COST OF LINE (Include in Column (j) Land, Land rights, and clearing right-of-way)			EXPENSES, EXCEPT DEPRECIATION AND TAXES				Line No.
	Land (j)	Construction and Other Costs (k)	Total Cost (l)	Operation Expenses (m)	Maintenance Expenses (n)	Rents (o)	Total Expenses (p)	
795M-AL	207,326	2,557,827	2,765,153					1
795M-AL	37,478	247,983	285,461					2
795M-AL	369,948	9,299,516	9,669,464					3
954M-AL	681,536	12,965,345	13,646,881					4
954M-AL		748,720	748,720					5
954M-AL		559,252	559,252					6
954M-AL	447,286	1,651,560	2,098,846					7
954M-AL	1,313,316	4,364,376	5,677,692					8
954M-AL	1,135,735	1,272,883	2,408,618					9
954M-AL		75,237	75,237					10
954M-AL	355	103,731	104,086					11
954M-AL		369,569	369,569					12
	4,192,980	34,215,999	38,408,979					13
1192M-AL	1,783	24,020	25,803					14
1192M-AL	7,793	306,456	314,249					15
1192M-AL	43,596	212,367	255,963					16
1192M-AL	113,727	466,594	580,321					17
556M-AL	280,583	772,629	1,053,212					18
	17,541		17,541					19
1192M-AL	159,387	741,333	900,720					20
1192M-AL	10,350	233,736	244,086					21
1192M-AL	9,967	94,796	104,763					22
1192M-AL	58,747	550,515	609,262					23
1192M-AL	39,850	608,843	648,693					24
1192M-AL	70,033	2,104,293	2,174,326					25
397M-AL	27,346	1,598,597	1,625,943					26
336M-AL	50,149	6,273,219	6,323,368					27
397M-AL	32,288	1,339,072	1,371,360					28
477M-AL	341,849	581,512	923,361					29
795M-AL	130,229	316,318	446,547					30
1192M-AL	362,037	699,200	1,061,237					31
1192M-AL	178,955	997,649	1,176,604					32
1192M-AL		283,606	283,606					33
954M-AL		26,461	26,461					34
1192M-AL	82,697	573,047	655,744					35
	23,780,243	207,665,769	231,446,012	232,800	2,047,203	2,424,391	4,704,394	36

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) 04/19/2010	Year/Period of Report End of 2009/Q4
TRANSMISSION LINE STATISTICS (Continued)			
<p>7. Do not report the same transmission line structure twice. Report Lower voltage Lines and higher voltage lines as one line. Designate in a footnote if you do not include Lower voltage lines with higher voltage lines. If two or more transmission line structures support lines of the same voltage, report the pole miles of the primary structure in column (f) and the pole miles of the other line(s) in column (g)</p> <p>8. Designate any transmission line or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and terms of Lease, and amount of rent for year. For any transmission line other than a leased line, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars (details) of such matters as percent ownership by respondent in the line, name of co-owner, basis of sharing expenses of the Line, and how the expenses borne by the respondent are accounted for, and accounts affected. Specify whether lessor, co-owner, or other party is an associated company.</p> <p>9. Designate any transmission line leased to another company and give name of Lessee, date and terms of lease, annual rent for year, and how determined. Specify whether lessee is an associated company.</p> <p>10. Base the plant cost figures called for in columns (j) to (l) on the book cost at end of year.</p>			

Size of Conductor and Material (i)	COST OF LINE (Include in Column (j) Land, Land rights, and clearing right-of-way)			EXPENSES, EXCEPT DEPRECIATION AND TAXES				Line No.
	Land (j)	Construction and Other Costs (k)	Total Cost (l)	Operation Expenses (m)	Maintenance Expenses (n)	Rents (o)	Total Expenses (p)	
1192M-AL	151,667	226,775	378,442					1
1192M-AL	77,465	51,106	128,571					2
1192M-AL	443,416	808,963	1,252,379					3
1192M-AL	4,753	174,943	179,696					4
1192M-AL	128,482	764,002	892,484					5
1192M-AL	19,114	516,447	535,561					6
1192M-AL	33,616	365,547	399,163					7
1192M-AL	105,478	136,435	241,913					8
1192M-AL	123,083	432,663	555,746					9
1192M-AL	253,076	469,613	722,689					10
1192M-AL	166,187	674,120	840,307					11
556M-AL	8,588	67,273	75,861					12
1192M-AL		405,443	405,443					13
1192M-AL	591,458	3,696,426	4,287,884					14
1192M-AL	353,000	1,929,745	2,282,745					15
1192M-AL		571,565	571,565					16
1192M-AL		1,364,873	1,364,873					17
1192M-AL	301,786	3,644,673	3,946,459					18
1192M-AL	2,838	365,109	367,947					19
1192M-AL	4,647	272,205	276,852					20
954M-AL	430,140	2,489,028	2,919,168					21
954M-AL	175,242	1,358,783	1,534,025					22
1192M-AL		589,571	589,571					23
1192M-AL	368,060	1,753,723	2,121,783					24
1192M-AL	235,117	977,135	1,212,252					25
1192M-AL		31,755	31,755					26
1192M-AL	1,382,519	920,621	2,303,140					27
1192M-AL	26,805	702,929	729,734					28
1192M-AL		297,561	297,561					29
1192M-AL	80,554	439,181	519,735					30
1192M-AL		300,706	300,706					31
1192M-AL		820,623	820,623					32
1192M-AL	11,139	570,999	582,138					33
1192M-AL		562,714	562,714					34
1192M-AL	381,708	2,559,953	2,941,661					35
	23,780,243	207,665,769	231,446,012	232,800	2,047,203	2,424,391	4,704,394	36

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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TRANSMISSION LINE STATISTICS (Continued)

7. Do not report the same transmission line structure twice. Report Lower voltage Lines and higher voltage lines as one line. Designate in a footnote if you do not include Lower voltage lines with higher voltage lines. If two or more transmission line structures support lines of the same voltage, report the pole miles of the primary structure in column (f) and the pole miles of the other line(s) in column (g)
8. Designate any transmission line or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and terms of Lease, and amount of rent for year. For any transmission line other than a leased line, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars (details) of such matters as percent ownership by respondent in the line, name of co-owner, basis of sharing expenses of the Line, and how the expenses borne by the respondent are accounted for, and accounts affected. Specify whether lessor, co-owner, or other party is an associated company.
9. Designate any transmission line leased to another company and give name of Lessee, date and terms of lease, annual rent for year, and how determined. Specify whether lessee is an associated company.
10. Base the plant cost figures called for in columns (j) to (l) on the book cost at end of year.

Size of Conductor and Material (i)	COST OF LINE (Include in Column (j) Land, Land rights, and clearing right-of-way)			EXPENSES, EXCEPT DEPRECIATION AND TAXES				Line No.
	Land (j)	Construction and Other Costs (k)	Total Cost (l)	Operation Expenses (m)	Maintenance Expenses (n)	Rents (o)	Total Expenses (p)	
954M-AL		222,129	222,129					1
1192M-AL	629,412	2,904,069	3,533,481					2
1192M-AL		67	67					3
1192M-AL	241,093	628,542	869,635					4
1192M-AL	241,093	534,460	775,553					5
1192M-AL		283,359	283,359					6
954M-AL		90,512	90,512					7
	8,990,443	54,780,609	63,771,052					8
1192M-AL		401,068	401,068					9
		401,068	401,068					10
		222,231	222,231					11
		222,231	222,231					12
	526,039	20,741,102	21,267,141					13
	526,039	20,741,102	21,267,141					14
1500M-CO								15
		721,097	721,097					16
								17
				232,783	1,919,140	2,424,391	4,576,314	18
				17	128,063		128,080	19
								20
								21
								22
								23
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								31
								32
								33
								34
								35
	23,780,243	207,665,769	231,446,012	232,800	2,047,203	2,424,391	4,704,394	36

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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TRANSMISSION LINES ADDED DURING YEAR

1. Report below the information called for concerning Transmission lines added or altered during the year. It is not necessary to report minor revisions of lines.

2. Provide separate subheadings for overhead and under- ground construction and show each transmission line separately. If actual costs of competed construction are not readily available for reporting columns (l) to (o), it is permissible to report in these columns the

Line No.	LINE DESIGNATION		Line Length in Miles	SUPPORTING STRUCTURE		CIRCUITS PER STRUCTURE	
	From (a)	To (b)		Type (d)	Average Number per Miles (e)	Present (f)	Ultimate (g)
1	No new transmission lines						
2	added during 2009.						
3							
4							
5							
6							
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42							
43							
44	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) 04/19/2010	Year/Period of Report End of 2009/Q4
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TRANSMISSION LINES ADDED DURING YEAR (Continued)

costs. Designate, however, if estimated amounts are reported. Include costs of Clearing Land and Rights-of-Way, and Roads and Trails, in column (l) with appropriate footnote, and costs of Underground Conduit in column (m).

3. If design voltage differs from operating voltage, indicate such fact by footnote; also where line is other than 60 cycle, 3 phase, indicate such other characteristic.

CONDUCTORS			Voltage KV (Operating) (k)	LINE COST					Line No.
Size (h)	Specification (i)	Configuration and Spacing (j)		Land and Land Rights (l)	Poles, Towers and Fixtures (m)	Conductors and Devices (n)	Asset Retire. Costs (o)	Total (p)	
									1
									2
									3
									4
									5
									6
									7
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SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.
2. Substations which serve only one industrial or street railway customer should not be listed below.
3. Substations with capacities of Less than 10 MVA except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.
4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	10-Birmingham	AC Distribution	161.00	13.00	
2	7th & Milwaukee, Clay Co, Mo.				
3	11-Barry	AC Distribution	161.00	13.00	
4	Tiffany Springs Rd, Platte Co, Mo.				
5	12-Brookridge	AC Distribution	161.00	13.00	
6	10001 W. 103rd St, Johnson Co, Ks.				
7	13-Shawnee	AC Distribution	161.00	13.00	
8	12501 W. 51st St, Johnson Co, Ks.				
9	15W-Grand Avenue West	AC Distribution	161.00	13.00	
10	2nd & Grand Ave, Jackson Co, Mo.				
11	16-Stillwell	AC Transmission	345.00	161.00	13.00
12	6300 W. 191st St, Johnson Co, Ks.	AC Distribution	161.00	13.00	
13	17-Navy	AC Distribution	161.00	13.00	
14	115 N. Main St, Jackson Co, Mo.				
15	19-Riley	AC Distribution	161.00	13.00	
16	12100 Metcalf Ave, Johnson Co, Ks.				
17	20-Reeder	AC Distribution	161.00	13.00	
18	7545 Reeder Rd, Johnson Co, Ks.				
19	22-Switzer	AC Distribution	161.00	13.00	
20	9900 W. 127th St, Johnson Co, Ks.				
21	23-Southtown	AC Distribution	161.00	13.00	
22	8627 Troost Ave, Jackson Co, Mo.				
23	24-Crosstown	AC Distribution	161.00	13.00	
24	1801 Cherry, Jackson Co, Mo.				
25	25-Glasgow	AC Distribution	34.00	13.00	
26	819 2nd St, Howard Co, Mo.				
27	27-Avondale	AC Distribution	161.00	13.00	
28	3150 Walker Rd, Clay Co, Mo.				
29	28-Sweet Springs	AC Distribution	34.00	13.00	
30	Broadway & Oak St, Saline Co, Mo.				
31	29-Lenexa	AC Distribution	161.00	13.00	
32	15730 W. 95th St, Johnson Co, Ks.				
33	30-Swope	AC Distribution	161.00	13.00	
34	6330 E. 63rd St Tfwy, Jackson Co, Mo.				
35	31-Forest	AC Distribution	161.00	13.00	
36	1105 E. 61st St, Jackson Co, Mo.				
37	35-Loma Vista	AC Distribution	161.00	13.00	
38	6620 E. 91st St, Jackson Co, Mo.				
39	37-Terrace	AC Distribution	161.00	13.00	
40	1837 Terrace St, Jackson Co, Mo.				

SUBSTATIONS

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Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	38-Oxford	AC Distribution	161.00	13.00	
2	14540 Antioch Rd, Johnson Co, Ks.				
3	39-Tiffany	AC Distribution	161.00	13.00	
4	NW of I-29 & Hwy 152, Platte Co, Mo.				
5	41-Olathe	AC Distribution	161.00	13.00	
6	Olathe-Martin City Rd, Johnson Co, Ks.				
7	42-Brunswick	AC Transmission	161.00	34.00	13.00
8	U.S. Hwy 24, Chariton Co, Mo.	AC Distribution	34.00	13.00	
9	44-Chouteau	AC Distribution	161.00	13.00	
10	1400 Chouteau, Jackson Co, Mo.				
11	46-South Ottawa	AC Transmission	161.00	34.00	
12	N. I-35 & W. U.S.-59, Franklin Co, Ks.	AC Distribution	34.00	13.00	
13	47-Overland Park	AC Distribution	161.00	13.00	
14	9521 W. 88th St, Johnson Co, Ks.				
15	48-Tomahawk	AC Distribution	161.00	13.00	
16	910 W. 103rd St, Jackson Co, Mo.				
17	49-Weatherby	AC Distribution	161.00	13.00	
18	45 Hwy & Garden Rd, Platte Co, Mo.				
19	50-Kenilworth	AC Distribution	161.00	13.00	
20	4601 W. 90th Terr, Johnson Co, Ks.				
21	51-Cedar Creek	AC Distribution	161.00	13.00	
22	K-7 & K-10 Highways, Johnson Co, Ks.				
23	52-Claycomo	AC Distribution	161.00	13.00	
24	Ravena Rd, E. U.S.-69, Clay Co, Mo.				
25	53-Blue Valley	AC Distribution	161.00	13.00	
26	7801 U.S.-24, Jackson Co, Mo.				
27	55-Paola	AC Transmission	161.00	34.00	
28	U.S.-169, Miami Co, Ks.				
29	56-Hickman	AC Distribution	161.00	13.00	
30	11500 Grandview Rd, Jackson Co, Mo.				
31	57-Courtney	AC Distribution	69.00	13.00	
32	Barry & Baker Rd, Jackson Co, Mo.				
33	61-Leeds	AC Distribution	161.00	13.00	
34	4210 Raytown Rd, Jackson Co, Mo.				
35	63-Line Creek	AC Distribution	161.00	13.00	
36	3810 N.W. 64th St, Platte Co, Mo.				
37	65-Antioch	AC Distribution	161.00	13.00	
38	9608 W. 167th St, Johnson Co, Ks.				
39	66-Martin City	AC Distribution	161.00	13.00	
40	13701 Wyandotte, Jackson Co, Mo.				

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SUBSTATIONS

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Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	67-Lakeview	AC Distribution	34.00	13.00	
2	1/4 Mi S of Louisburg on Metcalf, Miami Co, Ks.				
3	68-Roeland Park	AC Distribution	161.00	13.00	
4	4702 Roe Blvd, Johnson Co, Ks.				
5	69-Moonlight	AC Distribution	161.00	13.00	
6	17508 Moonlight Rd, Johnson Co, Ks.				
7	70-Shoal Creek	AC Distribution	161.00	13.00	
8	8500 N Brighton, North KC, Clay Co, Mo.				
9	71-Randolph	AC Distribution	161.00	13.00	
10	Birmingham & Eldon Rds, Clay Co, Mo.				
11	72-Craig	AC Transmission	345.00	161.00	13.00
12	10859 Woodland Rd, Johnson Co, Ks.				
13	73-Centennial	AC Distribution	161.00	13.00	
14	Popular Ridge Rd, Miami Co, Ks.				
15	74-Northeast GSU	AC Transmission	13.00	161.00	
16	2000 River Front Rd, Jackson Co, Mo.	AC Distribution	161.00	13.00	
17	75-Midtown	AC Distribution	161.00	13.00	
18	1223 E. 48th St, Jackson Co, Mo.				
19	78-Gladstone	AC Distribution	161.00	13.00	
20	2101 E. 72nd St North, Clay Co, Mo.				
21	79-Blue Mills	AC Distribution	161.00	69.00	13.00
22	Atherton & Courtney Rds, Ja Co, Mo.				
23	81-West Gardner	AC Transmission	345.00	161.00	13.00
24	18827 Dillie Rd, Johnson Co, Ks.	AC Transmission	161.00	34.00	
25	82-Murlen	AC Distribution	161.00	13.00	
26	15900 W. 159th St, Johnson Co, Ks.				
27	83-Salisbury	AC Transmission	161.00	34.00	13.00
28	U.S.-24 & Mo.Hwy-5, Chariton Co, Mo.				
29	84-Bunker Ridge	AC Distribution	161.00	13.00	
30	10001 Marion Park Dr, Jackson Co, Mo.				
31	86-Blue Springs	AC Distribution	69.00	13.00	
32	Mo.Hwy-7 & Truman Rd, Jackson Co, Mo.				
33	90-College	AC Distribution	161.00	13.00	
34	16300 W. 110th St, Johnson Co, Ks.				
35	91-Merriam	AC Distribution	161.00	13.00	
36	6412 Carter St, Johnson Co, Ks.				
37	93-Greenwood	AC Distribution	161.00	13.00	
38	65th & Lackman Rd, Johnson Co, Ks.				
39	94-North Kansas City	AC Distribution	161.00	13.00	
40	840 Swift St, Clay Co, Mo.				

SUBSTATIONS

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Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	95-Norton	AC Transmission	161.00	34.00	
2	Missouri Highway-O, Saline Co, Mo.				
3	96-Hawthorn	AC Transmission			
4	8700 Hawthorne Rd, Jackson Co, Mo.				
5	Hawthorn Unit 5 GSU	AC Transmission	21.00	161.00	
6	Hawthorn Unit 6 GSU	AC Transmission	16.00	161.00	
7	Hawthorn Unit 9 GSU	AC Transmission	13.00	161.00	
8	Hawthorn Bank 1	AC Transmission	66.00	13.00	
9	Hawthorn Bank 2 & 32	AC Distribution	161.00	13.00	
10	Hawthorn Bank 11 & 12	AC Transmission	159.00	66.00	
11	Hawthorn Bank 20	AC Transmission	161.00	345.00	13.00
12	Hawthorn Bank 22	AC Transmission	161.00	345.00	13.00
13	98-Riverside	AC Distribution	161.00	13.00	
14	4101 N. Tillison Lane, Platte Co, Mo.				
15	104-Carrollton	AC Transmission	161.00	34.00	
16	N.E. of Carrollton, Carrol Co, Mo.	AC Distribution	34.00	13.00	
17	108-Centerville	AC Transmission	161.00	34.00	
18	W. of Centerville, Linn Co, Ks.				
19	112-Montrose Station GSU	AC Transmission	22.00	161.00	
20	Montrose Station, Henry Co, Mo.				
21	113-Wagstaff	AC Transmission	161.00	34.00	
22	247th St, W. of 69 Hwy, Miami Co, Ks.				
23	114-Lackman	AC Distribution	161.00	13.00	
24	19407 Lackman Rd, Johnson Co, Ks.				
25	115-Redel	AC Distribution	161.00	13.00	
26	4409 W 159th St. Johnson Co, Ks.				
27	117-Bucyrus	AC Distribution	161.00	13.00	
28	21801 Antioch Road, Miami Co, Ks				
29	118-Duncan	AC Transmission	161.00	69.00	
30	2200 N.E. Duncan Rd, Jackson Co, Mo.	AC Distribution	161.00	13.00	
31	121-North Louisburg	AC Distribution	161.00	13.00	
32	N. of Louisburg, Miami Co, Ks.				
33	125-Pflumm	AC Distribution	161.00	13.00	
34	Pflumm & Marshall Dr, Johnson Co, Ks.				
35	127-South Waverly	AC Transmission	161.00	69.00	
36	S. of Waverly, Lafayette Co, Mo.	AC Transmission	161.00	34.00	
37	128-Quarry	AC Distribution	161.00	13.00	
38	24651 W. Hwy 56, Johnson Co, Ks.				
39	132-Cedar Niles	AC Distribution	161.00	13.00	
40	22046 Cedar Niles Rd, Miami Co, Ks.				

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Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	136-Malta Bend	AC Distribution	161.00	13.00	
2	65 & 127 Hwy, Saline Co, Mo.				
3	137-Pleasant Valley	AC Transmission	161.00	34.00	
4	N. of 68 Hwy, Miami Co, Ks.				
5	472-Baldwin	AC Distribution	34.00	13.00	
6	S. of Baldwin, Douglas Co, Ks.				
7	474-Lynn Valley	AC Distribution	34.00	13.00	
8	N. of K-152 & 69 Hwy, Linn Co, Ks.				
9	478-Michigan Valley	AC Distribution	34.00	13.00	
10	S. of Michigan Valley, Osage Co, Ks.				
11	482-Chiles	AC Distribution	34.00	13.00	
12	69 Hwy & Cleveland-Chiles Rd, Mi. Co, Ks.				
13	484-Walmart	AC Distribution	34.00	13.00	
14	E. of I-35 on K-68, Franklin Co, Ks.				
15	704-La Cygne GSU	AC Transmission	22.00	345.00	
16	East side of LaCygne Station, Linn Co, Ks.	AC Transmission	345.00	69.00	
17	705-Iatan GSU	AC Transmission	22.00	345.00	
18	Iatan Station, Platte Co, Mo.				
19	706-Wolf Creek GSU	AC Transmission	25.00	345.00	
20	Wolf Creek Station, Coffey Co, Ks.				
21	707-Levee GSU	AC Transmission	13.00	161.00	
22	Hawthorn Station, Jackson Co, Mo.				
23	708-Bull Creek GSU	AC Transmission	13.00	161.00	
24	18827 Dillie Rd, Gardner, Johnson Co, Ks.				
25	709-Osawatomie GSU	AC Transmission	13.00	161.00	
26	32808 Lone Star Rd, Miami Co, Ks.				
27	716-Spearville Windfarm GSU	AC Transmission	0.58	34.00	
28	Spearville, Ford Co, Ks.	AC Transmission	34.00	230.00	
29	915-Grand Avenue	AC Distribution	161.00	13.00	
30	115 Grand Ave, Jackson Co, Mo.				
31	2418-Liberty South (Aquila Owned Sub)	AC Transmission	161.00	69.00	
32	2000 Birmingham Rd, Liberty, Clay Co, Mo.				
33	40-Small Company-Owned Substations	AC Distribution			
34	with less than 10 MVA capacity.				
35					
36	132 -Total Company-Owned Substations		14741.58	5507.00	104.00
37	24 Transmission Substations	AC Transmission			
38	108 Distribution Substations	AC Distribution			
39					
40					

SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.

2. Substations which serve only one industrial or street railway customer should not be listed below.

3. Substations with capacities of Less than 10 MVA except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.

4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1					
2					
3	Notes:				
4	1. All Substations are unattended unless				
5	otherwise specified by an * in column (i)				
6	2. Voltage is in KV (Kilo-Volts)				
7	3. Capacity is in MVA (Mega-Volt-Amps)				
8	4. Ten Transmission Substations include				
9	Generator Step-Up Transformers = GSU				
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					

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) 04/19/2010	Year/Period of Report End of 2009/Q4
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SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
20	1					1
						2
60	2					3
						4
200	4					5
						6
50	2					7
						8
50	1					9
						10
1100	2					11
33	1					12
33	1					13
						14
174	5					15
						16
67	2					17
						18
127	4					19
						20
175	5					21
						22
200	4					23
						24
19	2					25
						26
184	4					27
						28
20	2					29
						30
134	3					31
						32
60	2					33
						34
136	3					35
						36
113	3					37
						38
97	3					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) 04/19/2010	Year/Period of Report End of 2009/Q4
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SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
101	3					1
						2
92	3					3
						4
201	5					5
						6
17	1					7
8	1					8
33	1					9
						10
97	3	1				11
14	2					12
85	3					13
						14
114	3					15
						16
130	3					17
						18
206	4					19
						20
67	2					21
						22
180	4					23
						24
250	4	1				25
						26
67	2	2				27
						28
113	3					29
						30
17	3					31
						32
150	3					33
						34
94	3					35
						36
67	2					37
						38
94	3					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) 04/19/2010	Year/Period of Report End of 2009/Q4
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SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
19	2					1
						2
134	3					3
						4
60	2					5
						6
67	2					7
						8
64	2					9
						10
1500	3					11
						12
64	2					13
						14
507	4					15
185	5					16
192	4					17
						18
150	3	1				19
						20
100	2					21
						22
600	1	1				23
25	1					24
93	3					25
						26
37	2					27
						28
45	2					29
						30
10	3	1				31
						32
134	4					33
						34
150	3					35
						36
97	3					37
						38
110	3					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) 04/19/2010	Year/Period of Report End of 2009/Q4
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SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
17	1					1
						2
						3
						4
650	1	1				5
200	1					6
147	1					7
80	1					8
160	2					9
60	2					10
500	1					11
550	1					12
50	2					13
						14
20	1					15
4	1					16
50	2					17
						18
625	3	1				19
						20
25	1					21
						22
34	1					23
						24
64	2					25
						26
67	2					27
						28
60	1					29
30	1					30
33	1					31
						32
67	2					33
						34
20	1					35
25	1					36
67	2					37
						38
34	1					39
						40

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SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
80	1					1
						2
30	1					3
						4
13	2	1				5
						6
19	2	1				7
						8
17	2					9
						10
19	2					11
						12
15	2					13
						14
1694	2	1				15
30	3	1				16
724	1					17
						18
1245	3					19
						20
200	2					21
						22
400	4					23
						24
100	1					25
						26
117	67	1				27
125	1					28
160	2					29
						30
60	1					31
						32
207	87	21				33
						34
						35
18486	398	35				36
11704						37
6782						38
						39
						40

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SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
						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
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						31
						32
						33
						34
						35
						36
						37
						38
						39
						40

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) 04/19/2010	Year/Period of Report 2009/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 426.2 Line No.: 15 Column: a

This line item includes GSU transformers.

Schedule Page: 426.3 Line No.: 5 Column: a

This line item includes GSU transformers.

Schedule Page: 426.3 Line No.: 6 Column: a

This line item includes GSU transformers.

Schedule Page: 426.3 Line No.: 7 Column: a

This line item includes GSU transformers.

Schedule Page: 426.3 Line No.: 19 Column: a

This line item includes GSU transformers.

Schedule Page: 426.4 Line No.: 15 Column: a

This line item includes GSU transformers.

Schedule Page: 426.4 Line No.: 15 Column: f

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 purchased power account 555.

Schedule Page: 426.4 Line No.: 17 Column: a

This line item includes GSU transformers.

Schedule Page: 426.4 Line No.: 17 Column: f

Footnote Linked. See note on 426.4, Row: 15, col/item:

Schedule Page: 426.4 Line No.: 19 Column: a

This line item includes GSU transformers.

Schedule Page: 426.4 Line No.: 19 Column: f

Footnote Linked. See note on 426.4, Row: 15, col/item:

Schedule Page: 426.4 Line No.: 21 Column: a

This line item includes GSU transformers.

Schedule Page: 426.4 Line No.: 23 Column: a

This line item includes GSU transformers.

Schedule Page: 426.4 Line No.: 25 Column: a

This line item includes GSU transformers.

Schedule Page: 426.4 Line No.: 27 Column: a

This line item includes GSU transformers.

Schedule Page: 426.4 Line No.: 37 Column: a

Transmission Substations with Generator Step-Up Transformers have "GSU" indicated on the Line-Items.

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) 04/19/2010	Year/Period of Report End of 2009/Q4
TRANSACTIONS WITH ASSOCIATED (AFFILIATED) COMPANIES					
1. Report below the information called for concerning all non-power goods or services received from or provided to associated (affiliated) companies. 2. The reporting threshold for reporting purposes is \$250,000. The threshold applies to the annual amount billed to the respondent or billed to an associated/affiliated company for non-power goods and services. The good or service must be specific in nature. Respondents should not attempt to include or aggregate amounts in a nonspecific category such as "general". 3. Where amounts billed to or received from the associated (affiliated) company are based on an allocation process, explain in a footnote.					
Line No.	Description of the Non-Power Good or Service (a)	Name of Associated/Affiliated Company (b)	Account Charged or Credited (c)	Amount Charged or Credited (d)	
1	Non-power Goods or Services Provided by Affiliated				
2	Common use-facilities, networks & phones	GMO	922	2,806,121	
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20	Non-power Goods or Services Provided for Affiliate				
21	Merger charges	Great Plains Energy	186	562,216	
22	Payroll taxes	Great Plains Energy	408	358,365	
23	Transmission expenses	Great Plains Energy	566	267,192	
24	Customer records and collections	Great Plains Energy	903	585,973	
25	Administrative and general salaries	Great Plains Energy	920	1,430,678	
26	Office supplies and expense	Great Plains Energy	921	304,935	
27	Common use-facilities	Great Plains Energy	922	518,132	
28	Outside services	Great Plains Energy	923	4,914,558	
29	Employee benefits	Great Plains Energy	926	957,422	
30	Rents	Great Plains Energy	931	1,043,421	
31	Construction work in progress	GMO	107	23,725,528	
32	Retirements and relocations	GMO	108	2,597,466	
33	Undistributed stores expense	GMO	163	2,280,797	
34	Overhead and tool clearing	GMO	184	7,397,459	
35	Non-utility construction and removal work	GMO	186	439,047	
36	Payroll taxes	GMO	408	4,395,374	
37	Donations	GMO	426.1	651,992	
38	Generation supervision and engineering	GMO	500	2,577,026	
39	Fuel	GMO	501	2,994,828	
40	Steam expense	GMO	502	3,602,085	
41	Electric expense	GMO	505	1,089,238	
42	Miscellaneous steam power	GMO	506	1,574,981	
1	Non-power Goods or Services Provided by Affiliated				
2					

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) 04/19/2010	Year/Period of Report End of 2009/Q4
TRANSACTIONS WITH ASSOCIATED (AFFILIATED) COMPANIES					
1. Report below the information called for concerning all non-power goods or services received from or provided to associated (affiliated) companies. 2. The reporting threshold for reporting purposes is \$250,000. The threshold applies to the annual amount billed to the respondent or billed to an associated/affiliated company for non-power goods and services. The good or service must be specific in nature. Respondents should not attempt to include or aggregate amounts in a nonspecific category such as "general". 3. Where amounts billed to or received from the associated (affiliated) company are based on an allocation process, explain in a footnote.					
Line No.	Description of the Non-Power Good or Service (a)	Name of Associated/Affiliated Company (b)	Account Charged or Credited (c)	Amount Charged or Credited (d)	
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20	Non-power Goods or Services Provided for Affiliate				
21	Generation maintenance supervision & engineering	GMO	510	1,844,666	
22	Maintenance of structures	GMO	511	943,419	
23	Maintenance of boiler plant	GMO	512	3,344,738	
24	Maintenance of electric plant	GMO	513	767,605	
25	Generation expense	GMO	548	480,797	
26	Maintenance of generating & electric equipment	GMO	553	494,323	
27	Transmission supervision and engineering	GMO	560	554,344	
28	Transmission load dispatching	GMO	561	538,789	
29	Transmission expense	GMO	566	1,025,032	
30	Transmission maintenance	GMO	570	388,577	
31	Distribution supervision and engineering	GMO	580	1,415,817	
32	Distribution load dispatching	GMO	581	653,182	
33	Overhead line expense	GMO	583	1,127,095	
34	Underground line expense	GMO	584	519,201	
35	Meter expense	GMO	586	2,117,562	
36	Distribution expense	GMO	588	5,859,869	
37	Maintenance of distribution structures	GMO	591	325,594	
38	Maintenance of station equipment	GMO	592	421,275	
39	Maintenance of overhead lines	GMO	593	3,586,510	
40	Maintenance of underground lines	GMO	594	499,764	
41	Maintenance of line transformers	GMO	595	339,018	
42	Maintenance of street lighting and signals	GMO	596	343,290	
1	Non-power Goods or Services Provided by Affiliated				
2					
3					
4					

TRANSACTIONS WITH ASSOCIATED (AFFILIATED) COMPANIES

1. Report below the information called for concerning all non-power goods or services received from or provided to associated (affiliated) companies.
2. The reporting threshold for reporting purposes is \$250,000. The threshold applies to the annual amount billed to the respondent or billed to an associated/affiliated company for non-power goods and services. The good or service must be specific in nature. Respondents should not attempt to include or aggregate amounts in a nonspecific category such as "general".
3. Where amounts billed to or received from the associated (affiliated) company are based on an allocation process, explain in a footnote.

Line No.	Description of the Non-Power Good or Service (a)	Name of Associated/Affiliated Company (b)	Account Charged or Credited (c)	Amount Charged or Credited (d)
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20	Non-power Goods or Services Provided for Affiliate			
21	Customer accounts supervision	GMO	901	825,418
22	Meter reading	GMO	902	1,473,892
23	Customer records and collections	GMO	903	5,173,867
24	Customer assistance	GMO	908	565,846
25	Customer service	GMO	910	388,044
26	Sales expense	GMO	912	369,906
27	Administrative and general salaries	GMO	920	15,565,992
28	Office supplies and expense	GMO	921	1,823,468
29	Common use-facilities, networks & phones	GMO	922	8,109,931
30	Outside services	GMO	923	1,564,344
31	Property insurance	GMO	924	1,998,302
32	Injuries and damages	GMO	925	2,226,708
33	Employee benefits	GMO	926	11,921,433
34	Regulatory expense	GMO	928	1,022,000
35	Miscellaneous general expense	GMO	930.2	1,255,129
36	Rents	GMO	931	3,187,283
37	Transportation expense	GMO	933	2,534,490
38	General plant maintenance	GMO	935	1,591,074
39				
40				
41				
42				

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Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 429 Line No.: 2 Column:

Note applies to lines 1-42.

Affiliate transactions for goods and services are billed at cost with the cost captured and billed based on the project code. Goods and services related to one affiliate are direct billed based on the owner of the project charged. When a good or service relates to more than one affiliate, the cost is allocated to affiliates on a relevant cost driver determined by the type of cost and the benefiting affiliate.

Assets belonging to KCP&L may be used by another affiliate. The billing for common use property is based on the depreciation or amortization expense of the underlying asset and a rate of return applied to the net plant. The total cost is then allocated on an applicable allocation factor.

SchedulePage No.

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