

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)**

KCP&L Greater Missouri Operations Company

**Year/Period of Report**

**End of** 2010/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 18<sup>th</sup> of the following year (18 CFR § 141.1), and
- b) FERC Form 3-Q for each calendar quarter must be filed within 60 days after the reporting quarter (18 C.F.R. § 141.400).

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

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

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

## GENERAL INSTRUCTIONS

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

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

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

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

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

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

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

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

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

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

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

#### DEFINITIONS

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

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

## EXCERPTS FROM THE LAW

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

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

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

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

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

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

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

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

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

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

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

### **General Penalties**

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



## REPORT OF MAJOR ELECTRIC UTILITIES, LICENSEES AND OTHER

## IDENTIFICATION

01 Exact Legal Name of Respondent KCP&L Greater Missouri Operations Company		02 Year/Period of Report End of 2010/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) 04/15/2011

## 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) 04/15/2011
02 Title Vice President & Controller		

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

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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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)	
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	Not Applicable
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	
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	

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	Not Applicable
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	None
66	Transmission Line Statistics Pages	422-423	

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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)
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 KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of <u>2010/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.

State of Delaware - Effective April 1, 1987

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.

STATE	DBA	UTILITY
Missouri	KCP&L GMOC-MOPUB	Electric
Missouri	KCP&L GMOC-SJLP	Electric & Steam

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

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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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 repondent 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 ended December 31, 2010:

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	43-1916803

**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	MPS Merchant Services:	Holding Co, Administration of		
2		Legacy Gas Contracts		
3	MPS Gas Pipeline Corporation	Inactive		
4				
5	MPS Piatt Co. Power LLC	Inactive		
6				
7	MOPUB Group Inc.			
8	Golden Bear Hydro, Inc.	Holding Company	100%	
9	G B Hydro Partners L.P.	Holding Company	0.5%	
10				
11	Energia, Inc.	Holding Company	100%	
12	G B Hydro Partners L.P.	Holding Company	99%	
13	Mega Renewables	Ownership of Hydro Projects	50%	
14				
15	LoJamo, LLC	Land Ownership		
16				
17	MPS Finance Corporation	Holding Company		
18	MZ Nebraska Partners	Office Building Ownership	50%	
19				
20	MPS Canada Holdings, Inc.:	Holding Company		
21	Missouri Public Service Company	Inactive	49.7%	
22	MPS Networks Canada Corporation	Inactive		
23	MPS Canada Corporation	Inactive		
24				
25	Trans MPS, Inc:	Inactive		
26	Everest Global Technologies Group, LLC	Inactive		
27	Everest Holdings II LLC	Inactive		

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

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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	MPS Europe, Inc.	Inactive		
2	MPS Sterling Holdings, LLC	Inactive	50%	
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4	SJLP Inc.	Inactive		
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6	GMO Receivables Company	Inactive		
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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) 04/15/2011	Year/Period of Report 2010/Q4
KCP&L Greater Missouri Operations Company			
FOOTNOTE DATA			

**Schedule Page: 103 Line No.: 9 Column: d**

Golden Bear Hydro, Inc. has 0.5% ownership in G B Hydro Partners L.P.

**Schedule Page: 103 Line No.: 12 Column: d**

Energia, Inc. has 99% ownership in G B Hydro Partners L.P.

**Schedule Page: 103 Line No.: 13 Column: d**

G B Hydro Partners L.P. has 50% ownership in Mega Renewables.

**Schedule Page: 103 Line No.: 21 Column: d**

MPS Canada Holdings, Inc. has 49.7% ownership in Missouri Public Service Company. KCP&L Greater Missouri Operations Company owns the remaining 50.3% interest in Missouri Public Service Company directly.

**Schedule Page: 103 Line No.: 26 Column: d**

Merged with Trans MPS, Inc. on March 31, 2010.

**Schedule Page: 103 Line No.: 27 Column: d**

Merged with Trans MPS, Inc. on March 31, 2010.

**Schedule Page: 103.1 Line No.: 2 Column: d**

MPS Europe, Inc. has 50% ownership in MPS Sterling Holdings, LLC.

Name of Respondent KCP&L Greater Missouri Operations Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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 and	Terry Bassham	430,000		
8	former Chief Financial Officer				
9					
10					
11	Senior Vice President - Supply	Scott H. Heidtbrink	267,000		
12					
13					
14	Senior Vice President - Delivery	Michael L. Deggenndorf	260,000		
15					
16					
17	Senior Vice President - Finance and Strategic	James C. Shay	183,634		
18	Development and Chief Financial Officer (beginning				
19	July 2010)				
20					
21					
22	Former Executive Vice President - Utility Operations	John R. Marshall	250,000		
23	(Retired July 2010)				
24					
25					
26	Former General Counsel and Chief Legal Officer	William G. Riggins	230,398		
27	(Resigned October 2010)				
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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	c/o Great Plains Energy
33		1200 Main Street
34		P.O. Box 418679
35		Kansas City, MO 64141-9679
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 KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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<p align="center"><b>INFORMATION ON FORMULA RATES</b></p> <p align="center">FERC Rate Schedule/Tariff Number   FERC Proceeding</p>
--

Does the respondent have formula rates?	<input checked="" type="checkbox"/> Yes <input 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
1	Transmission Formula Rates (TFR)	ER10-230-000
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Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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
1					
2					
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Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report 04/15/2011	Year/Period of Report End of 2010/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"> <li>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.</li> <li>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.</li> <li>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.</li> <li>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.</li> <li>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.</li> <li>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.</li> <li>Changes in articles of incorporation or amendments to charter: Explain the nature and purpose of such changes or amendments.</li> <li>State the estimated annual effect and nature of any important wage scale changes during the year.</li> <li>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.</li> <li>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.</li> <li>(Reserved.)</li> <li>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.</li> <li>Describe fully any changes in officers, directors, major security holders and voting powers of the respondent that may have occurred during the reporting period.</li> <li>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.</li> </ol>			
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) 04/15/2011	Year/Period of Report 2010/Q4
KCP&L Greater Missouri Operations Company			
IMPORTANT CHANGES DURING THE QUARTER/YEAR (Continued)			

1. Franchises renewed during 2010 are as follows:

<u>Utility</u>	<u>Town</u>	<u>State</u>	<u>Term</u>	<u>Action</u>	<u>Consideration</u>	
Electric	Rosendale	MO	20 yrs	Renewal	5.00%	Effective 8/1/2010
Electric	Gower	MO	20 yrs	Renewal	5.00%	Effective 12/1/2010
Electric	Rushville	MO	20 yrs	Renewal	5.00%	Effective 12/1/2010

2. None

3. None

4. None

5. None

6. Please see pages 122-123 for Notes to Financial Statements, Note 7 Short-Term Borrowings and Short-Term Bank Lines of Credit and Note 8 Long-Term Debt for obligations incurred during 2010.

7. None

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

Local 1464 increase of 3.50% was effective 2/1/2010.

Local 412 increase of 3.40% was effective 3/1/2010.

KCP&L management merit increase of 3.00% was effective 3/1/2010.

Local 1613 increase of 3.25% was effective 4/1/2010.

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

Please see pages 122-123 for Notes to Financial Statements, Note 3 Regulatory Matters, Note 9 Commitments and Contingencies detailing 2010 Environmental Matters and Note 10 for Legal Proceedings that were still active at December 31, 2010.

10. See 13.

11. Reserved

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

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

On January 2, 2010, Maria Jenks became Vice President - Supply Chain.

On May 4, 2010, Dana Crawford's title changed from Vice President - Strategic Operations Support to Vice President - Strategic Initiatives.

On May 6, 2010, Great Plains Energy announced that John M. Marshall, Executive Vice President - Utility Operations of KCP&L, and Barbara B. Curry, Senior Vice President - Human Resources and Corporate Secretary of Great Plains Energy, KCP&L and GMO, would be retiring on July 31, 2010, and May 31, 2010, respectively.

On May 4, 2010, the Boards of Directors of Great Plains Energy, KCP&L and GMO approved retirement and consulting agreements for Mr. Marshall and Ms. Curry. Each executive's agreement provides for, among other things: (a) the forfeiture as of the applicable retirement date of restricted stock and performance share grants made in 2010 to the executive; (b) the vesting and payment of restricted stock and performance share grants made prior to 2010 to the executive as though the



Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report 2010/Q4
KCP&L Greater Missouri Operations Company			
IMPORTANT CHANGES DURING THE QUARTER/YEAR (Continued)			

executive continued his or her employment through the applicable vesting and payment dates; (c) the payment of the executive's 2010 annual incentive plan award as though the executive continued his or her employment through December 31, 2010, with the executive deemed to have achieved the target level of the individual performance component of the award; (d) a consulting arrangement through December 31, 2010, in consideration of a \$100,000 lump sum payment; and (e) a general cross-release of claims. In addition, Mr. Marshall's agreement provides for a special bonus of \$240,000, payable upon his retirement. Mr. Marshall's position changed to Executive Vice President of KCP&L and GMO effective as of July 6, 2010, and on July 31, 2010, he retired.

On May 4, 2010, Terry Bassham was appointed Executive Vice President – Utility Operations of KCP&L and GMO, effective as of July 6, 2010. Until this appointment became effective, Mr. Bassham continued in his positions as Executive Vice President – Finance and Strategic Planning and Chief Financial Officer of Great Plains Energy, KCP&L and GMO. There were no changes made to Mr. Bassham's existing compensation arrangements.

Also on May 4, 2010, the Boards of Directors of Great Plains Energy, KCP&L and GMO appointed James C. Shay as Senior Vice President – Finance and Strategic Planning and Chief Financial Officer, effective as of July 6, 2010. Mr. Shay's annual salary will be \$375,000, subject to adjustment from time to time by the Board of Directors. He will receive a \$500,000 grant of time-based restricted stock, 60% of which will vest in three years, 20% will vest in four years, and 20% will vest in five years from the date of grant, which is expected to occur in August 2010. Mr. Shay's target amount of incentive compensation under Great Plains Energy's annual incentive plan is set at 60%, with any payment for 2010 prorated for the time Mr. Shay was an officer that year. Mr. Shay will also be eligible to receive, starting in 2011, equity grants under Great Plains Energy's long-term incentive plan equal, at target performance, to 100% of his base salary. Mr. Shay is expected to enter into customary indemnification and change in control severance agreements, and will participate in Great Plains Energy's qualified defined benefit pension plan and supplemental executive retirement plan on the same basis as Mr. Bassham, as described in Great Plains Energy's proxy statement filed with the Securities and Exchange Commission on March 24, 2010.

On May 18, 2010, Carl D. Churchman, Vice President - Construction of KCP&L and GMO, resigned his positions.

On June 1, 2010, Michael Cline's position changed from Vice President - Investor Relations and Treasurer to Vice President - Investor Relations, Treasurer and Corporate Secretary. On October 26, 2010, Michael Cline's position changed to Vice President - Investor Relations and Treasurer.

On June 1, 2010, Ellen Fairchild became Assistant Secretary and Senior Director - Investor Relations. On October 26, 2010, Ellen Fairchild's position changed to Vice President, Corporate Secretary and Chief Compliance Officer.

On October 7, 2010, William Riggins, General Counsel and Chief Legal Officer, resigned his position.

On October 7, 2010, Heather Humphrey became Interim General Counsel and Senior Director - Human Resources and on October 26, 2010, she became General Counsel and Vice President - Human Resources.

14. Not Applicable

Name of Respondent	This Report Is:	Date of Report (Mo, Da, Yr)	Year/Period of Report
KCP&L Greater Missouri Operations Company	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	04/15/2011	End of <u>2010/Q4</u>

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

Line No.	Title of Account (a)	Ref. Page No. (b)	Current Year End of Quarter/Year Balance (c)	Prior Year End Balance 12/31 (d)
<b>1</b>	<b>UTILITY PLANT</b>			
2	Utility Plant (101-106, 114)	200-201	2,996,009,246	2,590,506,193
3	Construction Work in Progress (107)	200-201	79,912,603	364,237,994
4	TOTAL Utility Plant (Enter Total of lines 2 and 3)		3,075,921,849	2,954,744,187
5	(Less) Accum. Prov. for Depr. Amort. Depl. (108, 110, 111, 115)	200-201	989,618,060	938,068,250
6	Net Utility Plant (Enter Total of line 4 less 5)		2,086,303,789	2,016,675,937
7	Nuclear Fuel in Process of Ref., Conv., Enrich., and Fab. (120.1)	202-203	0	0
8	Nuclear Fuel Materials and Assemblies-Stock Account (120.2)		0	0
9	Nuclear Fuel Assemblies in Reactor (120.3)		0	0
10	Spent Nuclear Fuel (120.4)		0	0
11	Nuclear Fuel Under Capital Leases (120.6)		0	0
12	(Less) Accum. Prov. for Amort. of Nucl. Fuel Assemblies (120.5)	202-203	0	0
13	Net Nuclear Fuel (Enter Total of lines 7-11 less 12)		0	0
14	Net Utility Plant (Enter Total of lines 6 and 13)		2,086,303,789	2,016,675,937
15	Utility Plant Adjustments (116)		0	0
16	Gas Stored Underground - Noncurrent (117)		0	0
<b>17</b>	<b>OTHER PROPERTY AND INVESTMENTS</b>			
18	Nonutility Property (121)		14,196,329	25,873,723
19	(Less) Accum. Prov. for Depr. and Amort. (122)		5,944,307	5,697,278
20	Investments in Associated Companies (123)		0	0
21	Investment in Subsidiary Companies (123.1)	224-225	-886,934,178	-889,522,328
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)		0	0
25	Sinking Funds (125)		0	0
26	Depreciation Fund (126)		0	0
27	Amortization Fund - Federal (127)		0	0
28	Other Special Funds (128)		25,292,151	26,494,208
29	Special Funds (Non Major Only) (129)		0	0
30	Long-Term Portion of Derivative Assets (175)		0	0
31	Long-Term Portion of Derivative Assets – Hedges (176)		0	0
32	TOTAL Other Property and Investments (Lines 18-21 and 23-31)		-853,390,005	-842,851,675
<b>33</b>	<b>CURRENT AND ACCRUED ASSETS</b>			
34	Cash and Working Funds (Non-major Only) (130)		0	0
35	Cash (131)		754,980	1,260,251
36	Special Deposits (132-134)		4,820,021	4,307,269
37	Working Fund (135)		2,072,385	374,050
38	Temporary Cash Investments (136)		20,735	37,654,443
39	Notes Receivable (141)		0	0
40	Customer Accounts Receivable (142)		55,567,370	47,273,088
41	Other Accounts Receivable (143)		16,572,040	9,933,505
42	(Less) Accum. Prov. for Uncollectible Acct.-Credit (144)		1,152,826	1,153,177
43	Notes Receivable from Associated Companies (145)		884,081,850	1,331,303,550
44	Accounts Receivable from Assoc. Companies (146)		1,047,366	207,391,151
45	Fuel Stock (151)	227	32,822,798	29,482,597
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	31,839,597	28,894,060
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	7,438,372	9,891,057



Line No.	Title of Account (a)	Ref. Page No. (b)	Current Year End of Quarter/Year Balance (c)	Prior Year End Balance 12/31 (d)
1	PROPRIETARY CAPITAL			
2	Common Stock Issued (201)	250-251	0	0
3	Preferred Stock Issued (204)	250-251	0	0
4	Capital Stock Subscribed (202, 205)		0	0
5	Stock Liability for Conversion (203, 206)		0	0
6	Premium on Capital Stock (207)		0	0
7	Other Paid-In Capital (208-211)	253	1,276,949,287	1,276,949,287
8	Installments Received on Capital Stock (212)	252	0	0
9	(Less) Discount on Capital Stock (213)	254	0	0
10	(Less) Capital Stock Expense (214)	254b	0	0
11	Retained Earnings (215, 215.1, 216)	118-119	66,807,229	30,395,104
12	Unappropriated Undistributed Subsidiary Earnings (216.1)	118-119	-1,813,688	-4,401,837
13	(Less) Reaquired Capital Stock (217)	250-251	0	0
14	Noncorporate Proprietorship (Non-major only) (218)		0	0
15	Accumulated Other Comprehensive Income (219)	122(a)(b)	-1,433,931	-809,276
16	Total Proprietary Capital (lines 2 through 15)		1,340,508,897	1,302,133,278
17	LONG-TERM DEBT			
18	Bonds (221)	256-257	30,275,000	31,400,000
19	(Less) Reaquired Bonds (222)	256-257	0	0
20	Advances from Associated Companies (223)	256-257	248,760,000	0
21	Other Long-Term Debt (224)	256-257	981,056,668	1,015,696,887
22	Unamortized Premium on Long-Term Debt (225)		0	0
23	(Less) Unamortized Discount on Long-Term Debt-Debit (226)		0	0
24	Total Long-Term Debt (lines 18 through 23)		1,260,091,668	1,047,096,887
25	OTHER NONCURRENT LIABILITIES			
26	Obligations Under Capital Leases - Noncurrent (227)		1,995,480	2,051,456
27	Accumulated Provision for Property Insurance (228.1)		0	0
28	Accumulated Provision for Injuries and Damages (228.2)		7,187,140	2,793,382
29	Accumulated Provision for Pensions and Benefits (228.3)		20,215,457	19,443,555
30	Accumulated Miscellaneous Operating Provisions (228.4)		0	0
31	Accumulated Provision for Rate Refunds (229)		0	0
32	Long-Term Portion of Derivative Instrument Liabilities		0	0
33	Long-Term Portion of Derivative Instrument Liabilities - Hedges		0	0
34	Asset Retirement Obligations (230)		13,574,193	12,789,319
35	Total Other Noncurrent Liabilities (lines 26 through 34)		42,972,270	37,077,712
36	CURRENT AND ACCRUED LIABILITIES			
37	Notes Payable (231)		0	232,000,000
38	Accounts Payable (232)		61,531,262	54,074,414
39	Notes Payable to Associated Companies (233)		14,085,850	647,063,467
40	Accounts Payable to Associated Companies (234)		23,454,059	42,994,935
41	Customer Deposits (235)		6,555,667	7,021,485
42	Taxes Accrued (236)	262-263	19,777,213	2,290,820
43	Interest Accrued (237)		37,171,390	37,184,422
44	Dividends Declared (238)		0	0
45	Matured Long-Term Debt (239)		0	0

Line No.	Title of Account (a)	Ref. Page No. (b)	Current Year End of Quarter/Year Balance (c)	Prior Year End Balance 12/31 (d)
46	Matured Interest (240)		0	0
47	Tax Collections Payable (241)		738,370	754,755
48	Miscellaneous Current and Accrued Liabilities (242)		10,905,285	11,041,167
49	Obligations Under Capital Leases-Current (243)		55,977	51,738
50	Derivative Instrument Liabilities (244)		0	0
51	(Less) Long-Term Portion of Derivative Instrument Liabilities		0	0
52	Derivative Instrument Liabilities - Hedges (245)		0	0
53	(Less) Long-Term Portion of Derivative Instrument Liabilities-Hedges		0	0
54	Total Current and Accrued Liabilities (lines 37 through 53)		174,275,073	1,034,477,203
55	DEFERRED CREDITS			
56	Customer Advances for Construction (252)		4,523,907	6,181,231
57	Accumulated Deferred Investment Tax Credits (255)	266-267	4,066,066	4,806,982
58	Deferred Gains from Disposition of Utility Plant (256)		0	0
59	Other Deferred Credits (253)	269	13,310,936	29,274,299
60	Other Regulatory Liabilities (254)	278	56,667,510	50,968,075
61	Unamortized Gain on Reacquired Debt (257)		0	0
62	Accum. Deferred Income Taxes-Accel. Amort.(281)	272-277	0	0
63	Accum. Deferred Income Taxes-Other Property (282)		278,668,229	237,118,571
64	Accum. Deferred Income Taxes-Other (283)		69,528,325	61,088,118
65	Total Deferred Credits (lines 56 through 64)		426,764,973	389,437,276
66	TOTAL LIABILITIES AND STOCKHOLDER EQUITY (lines 16, 24, 35, 54 and 65)		3,244,612,881	3,810,222,356

**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 column in 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	738,384,377	646,851,923		
3	Operating Expenses					
4	Operation Expenses (401)	320-323	425,829,699	404,919,081		
5	Maintenance Expenses (402)	320-323	45,209,694	46,511,560		
6	Depreciation Expense (403)	336-337	72,635,710	70,436,981		
7	Depreciation Expense for Asset Retirement Costs (403.1)	336-337	69,092	72,488		
8	Amort. & Depl. of Utility Plant (404-405)	336-337	2,556,185	2,197,391		
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)		853,966	847,953		
14	Taxes Other Than Income Taxes (408.1)	262-263	24,799,590	20,051,600		
15	Income Taxes - Federal (409.1)	262-263	6,932,297	-30,150,527		
16	- Other (409.1)	262-263	-137,769	-3,385,530		
17	Provision for Deferred Income Taxes (410.1)	234, 272-277	32,330,367	45,255,285		
18	(Less) Provision for Deferred Income Taxes-Cr. (411.1)	234, 272-277	-4,619,016	-4,839,568		
19	Investment Tax Credit Adj. - Net (411.4)	266	-740,916	-795,277		
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)		784,874	775,465		
25	TOTAL Utility Operating Expenses (Enter Total of lines 4 thru 24)		614,033,873	559,880,132		
26	Net Util Oper Inc (Enter Tot line 2 less 25) Carry to Pg117,line 27		124,350,504	86,971,791		



Name of Respondent KCP&L Greater Missouri Operations Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2011		Year/Period of Report End of 2010/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)		124,350,504	86,971,791			
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)		608,337	487,543			
34	(Less) Expenses of Nonutility Operations (417.1)		1,135,794	-243,682			
35	Nonoperating Rental Income (418)		16,500				
36	Equity in Earnings of Subsidiary Companies (418.1)	119	2,588,149	-993,526			
37	Interest and Dividend Income (419)		8,929,700	2,477,098			
38	Allowance for Other Funds Used During Construction (419.1)		4,121,204	8,966,882			
39	Miscellaneous Nonoperating Income (421)		322,025	1,003,389			
40	Gain on Disposition of Property (421.1)		129,871				
41	TOTAL Other Income (Enter Total of lines 31 thru 40)		15,579,992	12,185,068			
42	Other Income Deductions						
43	Loss on Disposition of Property (421.2)		126,320	289,024			
44	Miscellaneous Amortization (425)			495,966			
45	Donations (426.1)		1,192,430	706,595			
46	Life Insurance (426.2)		-47,080	-577,634			
47	Penalties (426.3)		247,011	36,646			
48	Exp. for Certain Civic, Political & Related Activities (426.4)		195,960	161,594			
49	Other Deductions (426.5)		3,907,247	937,496			
50	TOTAL Other Income Deductions (Total of lines 43 thru 49)		5,621,888	2,049,687			
51	Taxes Applicable to Other Income and Deductions						
52	Taxes Other Than Income Taxes (408.2)	262-263	77,343	381,922			
53	Income Taxes-Federal (409.2)	262-263	4,117,078	-4,485,052			
54	Income Taxes-Other (409.2)	262-263	441,444	-225,516			
55	Provision for Deferred Inc. Taxes (410.2)	234, 272-277					
56	(Less) Provision for Deferred Income Taxes-Cr. (411.2)	234, 272-277	10,458,150	10,795,734			
57	Investment Tax Credit Adj.-Net (411.5)						
58	(Less) Investment Tax Credits (420)						
59	TOTAL Taxes on Other Income and Deductions (Total of lines 52-58)		-5,822,285	-15,124,380			
60	Net Other Income and Deductions (Total of lines 41, 50, 59)		15,780,389	25,259,761			
61	Interest Charges						
62	Interest on Long-Term Debt (427)		60,349,157	67,347,071			
63	Amort. of Debt Disc. and Expense (428)		980,772	956,875			
64	Amortization of Loss on Reacquired Debt (428.1)		102,966	44,404			
65	(Less) Amort. of Premium on Debt-Credit (429)						
66	(Less) Amortization of Gain on Reacquired Debt-Credit (429.1)						
67	Interest on Debt to Assoc. Companies (430)		3,766,527	132,629			
68	Other Interest Expense (431)		-1,552,679	4,858,449			
69	(Less) Allowance for Borrowed Funds Used During Construction-Cr. (432)		6,116,124	6,639,300			
70	Net Interest Charges (Total of lines 62 thru 69)		57,530,619	66,700,128			
71	Income Before Extraordinary Items (Total of lines 27, 60 and 70)		82,600,274	45,531,424			
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)		82,600,274	45,531,424			



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FOOTNOTE DATA			

**Schedule Page: 114 Line No.: 68 Column: c**

Per Docket No. ER10-230-000, FERC transmission formula rate, additional detail for other interest expense has been provided below:

Account	Description	Q1	Q2	Q3	Q4	Total
431015	Commitment Exp-ST Loans	1,271,739	1,341,191	1,226,592	676,898	4,516,420
431016	Interest on Unsecured Notes	-	-	-	-	-
	All Other	(229,631)	(206,361)	(1,510,390)	(4,122,717)	(6,069,099)
	Total Other Interest Expense	1,042,108	1,134,830	(283,798)	(3,445,819)	(1,552,679)

**Schedule Page: 114 Line No.: 68 Column: d**

Per Docket No. ER10-230-000, FERC transmission formula rate, additional detail for other interest expense has been provided below:

Account	Description	Q1	Q2	Q3	Q4	Total
431015	Commitment Exp-ST Loans	1,087,541	1,611,048	808,317	870,955	4,377,861
431016	Interest on Unsecured Notes	-	-	-	-	-
	All Other	678,869	115,358	(90,334)	(223,305)	480,588
	Total Other Interest Expense	1,766,410	1,726,406	717,983	647,650	4,858,449

**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		30,395,104	5,870,154
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)		80,012,125	46,524,950
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			-43,600,000	( 22,000,000)
32				
33				
34				
35				
36	TOTAL Dividends Declared-Common Stock (Acct. 438)		-43,600,000	( 22,000,000)
37	Transfers from Acct 216.1, Unapprop. Undistrib. Subsidiary Earnings			
38	Balance - End of Period (Total 1,9,15,16,22,29,36,37)		66,807,229	30,395,104
	APPROPRIATED RETAINED EARNINGS (Account 215)			
39				
40				



Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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)	82,600,274	45,531,424
3	Noncash Charges (Credits) to Income:		
4	Depreciation and Depletion	75,191,895	72,634,372
5	Amortization of		
6	Other	-33,794,708	-32,226,585
7			
8	Deferred Income Taxes (Net)	26,491,233	39,299,119
9	Investment Tax Credit Adjustment (Net)	-740,916	-795,277
10	Net (Increase) Decrease in Receivables	4,212,469	-29,920,790
11	Net (Increase) Decrease in Inventory	-5,212,453	-11,611,131
12	Net (Increase) Decrease in Allowances Inventory	2,452,685	1,913,694
13	Net Increase (Decrease) in Payables and Accrued Expenses	24,025,635	6,560,677
14	Net (Increase) Decrease in Other Regulatory Assets	-4,238,764	1,352,239
15	Net Increase (Decrease) in Other Regulatory Liabilities	2,590,656	3,812,766
16	(Less) Allowance for Other Funds Used During Construction	4,121,204	8,966,882
17	(Less) Undistributed Earnings from Subsidiary Companies	2,588,149	-993,526
18	Other (provide details in footnote):	-22,558,554	-18,456,319
19			
20			
21			
22	Net Cash Provided by (Used in) Operating Activities (Total 2 thru 21)	144,310,099	70,120,833
23			
24	Cash Flows from Investment Activities:		
25	Construction and Acquisition of Plant (including land):		
26	Gross Additions to Utility Plant (less nuclear fuel)	-165,089,524	-230,173,015
27	Gross Additions to Nuclear Fuel		
28	Gross Additions to Common Utility Plant		
29	Gross Additions to Nonutility Plant		
30	(Less) Allowance for Other Funds Used During Construction	-4,121,204	-8,966,882
31	Other (provide details in footnote):		
32			
33			
34	Cash Outflows for Plant (Total of lines 26 thru 33)	-160,968,320	-221,206,133
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		-25,000
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)		
45	Proceeds from Sales of Investment Securities (a)		

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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	Proceeds from sales of assets				
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): Salvage and Removal	5,907,350	-6,826,744		
54	Payment to Black Hills for asset sale working capital adjustment		-7,689,333		
55					
56	Net Cash Provided by (Used in) Investing Activities				
57	Total of lines 34 thru 55)	-155,060,970	-235,747,210		
58					
59	Cash Flows from Financing Activities:				
60	Proceeds from Issuance of:				
61	Long-Term Debt (b)	248,760,000			
62	Preferred Stock				
63	Common Stock				
64	Other (provide details in footnote):				
65	Net money pool borrowings	6,075,000	6,000,000		
66	Net Increase in Short-Term Debt (c)		58,000,000		
67	Other (provide details in footnote):				
68	Equity contribution from Great Plains Energy		207,500,000		
69					
70	Cash Provided by Outside Sources (Total 61 thru 69)	254,835,000	271,500,000		
71					
72	Payments for Retirement of:				
73	Long-term Debt (b)	-1,125,000	-70,497,000		
74	Preferred Stock				
75	Common Stock				
76	Other (provide details in footnote):				
77	Issuance costs	-3,799,773	-1,653		
78	Net Decrease in Short-Term Debt (c)	-232,000,000			
79					
80	Dividends on Preferred Stock				
81	Dividends on Common Stock	-43,600,000	-22,000,000		
82	Net Cash Provided by (Used in) Financing Activities				
83	(Total of lines 70 thru 81)	-25,689,773	179,001,347		
84					
85	Net Increase (Decrease) in Cash and Cash Equivalents				
86	(Total of lines 22,57 and 83)	-36,440,644	13,374,970		
87					
88	Cash and Cash Equivalents at Beginning of Period	39,288,744	25,913,774		
89					
90	Cash and Cash Equivalents at End of period	2,848,100	39,288,744		

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) 04/15/2011	Year/Period of Report 2010/Q4
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FOOTNOTE DATA			

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

	<u>2010</u>	<u>2009</u>
Balance Sheet, pages 110-111:		
Line No. 35 - Cash (131)	\$ 754,980	\$ 1,260,251
Line No. 36 - Special Deposits (132-134)	4,820,021	4,307,269
Line No. 37 - Working Fund (135)	2,072,385	374,050
Line No. 38 - Temporary Cash Investments (136)	20,735	37,654,443
<b>Total Balance Sheet</b>	<b>\$7,668,121</b>	<b>\$43,596,013</b>
Less: Funds on Deposit in 134, not considered		
Cash and Cash Equivalents	(4,820,021)	(4,307,269)
<b>Cash and Cash Equivalents at End of Period</b>	<b>\$2,848,100</b>	<b>\$39,288,744</b>

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report 04/15/2011	Year/Period of Report End of <u>2010/Q4</u>
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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) 04/15/2011	Year/Period of Report 2010/Q4
KCP&L Greater Missouri Operations Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

## KCP&L Greater Missouri Operations Company

### Notes to Financial Statements

#### 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The terms “Company” and “GMO” are used throughout this report and refer to KCP&L Greater Missouri Operations Company (GMO). GMO is a wholly owned subsidiary of Great Plains Energy Incorporated (Great Plains Energy). Great Plains Energy also owns Kansas City Power & Light Company (KCP&L), a regulated electric utility.

##### **Basis of Accounting**

The accounting records of GMO 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). GMO 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, GMO 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.

##### **Use of Estimates**

The process of preparing financial statements requires the use of estimates and assumptions that affect the reported amounts of certain types of assets, liabilities, revenues, and expenses. Such estimates primarily relate to unsettled transactions and events as of the date of the financial statements. Accordingly, upon settlement, actual results may differ from estimated amounts.

##### **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.

*Rabbi trust* – GMO’s rabbi trusts related to its Supplemental Executive Retirement Plans (SERP) are recorded at fair value, which are based on quoted market prices of the investments held by the trusts and/or valuation models. The rabbi trusts are included in Other Special Funds on the comparative balance sheets.

*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, 2010, the book value and fair value of GMO’s long-term debt, including current maturities, was \$1,260.1 million and \$1,321.3 million, respectively. At December 31, 2009, the book value and fair value of GMO’s long-term debt, including current maturities, was \$1,047.1 million and \$1,075.1 million, respectively.



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NOTES TO FINANCIAL STATEMENTS (Continued)			

*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.

### Derivative Instruments

The Company records derivative instruments on the balance sheet at fair value in accordance with GAAP. GMO enters into derivative contracts to manage exposure to commodity price 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.

GMO considers various qualitative factors, such as contract and market place attributes, in designating derivative instruments at inception. GMO may elect the NPNS exception, which requires the effects of the derivative to be recorded when the underlying contract settles. GMO 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, GMO documents the method of determining hedge effectiveness and measuring ineffectiveness. See Note 13 for additional information regarding derivative financial instruments and hedging activities.

GMO 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). GMO classifies cash flows from derivative instruments in the same category as the cash flows from the items being hedged.

### Utility Plant

GMO'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. When property units are retired or otherwise disposed, the original cost, net of salvage, is charged to accumulated depreciation. Substantially all of GMO's St. Joseph Light & Power division utility plant is pledged as collateral for GMO's mortgage bonds under the General Mortgage Indenture and Deed of Trust dated April 1, 1946, 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 4.6% in 2010 and 5.4% in 2009.

Utility plant includes production (22- to 60-year life), transmission (49- to 60-year life), distribution (14- to 66-year life) and general equipment (8- to 50-year life) and is recorded at original cost, net of accumulated depreciation.

### Depreciation and Amortization

Depreciation and amortization of GMO's utility plant 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% for GMO. GMO's depreciation expense was \$72.6 million and \$70.4 million for 2010 and 2009, respectively.

### Regulatory Matters

GMO defers items on the balance sheet resulting from the effects of the ratemaking process, which would not be recorded if GMO was not regulated. See Note 3 for additional information concerning regulatory matters.

### Revenue Recognition

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

GMO collects from customers gross receipts taxes levied by state and local governments. These taxes from GMO's customers are recorded net in operating revenues.

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

GMO 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.

#### **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.

Goodwill and indefinite lived intangible assets are tested for impairment annually and when an event occurs indicating the possibility that an impairment exists. The annual test must be performed at the same time each year. If the fair value of a reporting unit is less than its carrying value including goodwill, an impairment charge for goodwill must be recognized in the financial statements. To measure the amount of the impairment loss to recognize, the implied fair value of the reporting unit goodwill is compared with its carrying value.

#### **Income Taxes**

GMO 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.

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

Great Plains Energy and its subsidiaries 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. GMO's income tax provision includes taxes allocated based on its separate company

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income or loss.

GMO 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 GMO 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. SUPPLEMENTAL CASH FLOW INFORMATION

### Other Operating Activities

	2010	2009
Cash flows affected by changes in:	(millions)	
Pension and post-retirement benefit obligations	\$ (18.0)	\$ (10.7)
Funds on deposit	(6.3)	(0.5)
Deferred credits	(8.2)	(15.2)
Iatan Nos. 1 and 2 impact of disallowed construction costs	3.8	-
Other	6.1	7.9
Total other operating activities	\$ (22.6)	\$ (18.5)
Non-cash investing activities:		
Liabilities assumed for capital expenditures	\$ 7.5	\$ 7.3

## 3. REGULATORY MATTERS

### Regulatory Proceedings

The following table summarizes pending requests for retail rate increases with the Public Service Commission of the State of Missouri (MPSC).

Rate Jurisdiction	File Date	Annual Revenue Increase (millions)	Return on Equity	Rate-Making Equity Ratio
GMO - Missouri Public Service division <sup>(a)</sup>	6/4/2010	\$ 75.8 <sup>(b)</sup>	11.00% <sup>(b)</sup>	46.16% <sup>(b)</sup>
GMO - St. Joseph Light & Power division <sup>(a)</sup>	6/4/2010	22.1 <sup>(c)</sup>	11.00% <sup>(c)</sup>	46.16% <sup>(c)</sup>

<sup>(a)</sup> 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. Any authorized changes to retail rates are expected to be effective in June 2011.

<sup>(b)</sup> The requested increase was adjusted by GMO in a February 22, 2011, filing with the MPSC to \$65.2 million as the net result of updates to the case. The requested return on equity was adjusted by GMO to 10.75% and the rate-making equity ratio was adjusted to 46.286%.

<sup>(c)</sup> The requested increase was adjusted by GMO in a February 22, 2011, filing with the MPSC to \$23.2 million as the net result of updates to the case. The requested return on equity was adjusted by GMO to 10.75% and the rate-making equity ratio was adjusted to 46.286%.

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In September 2010, GMO received an order from the MPSC approving construction accounting for the Iatan No. 2 project from the Iatan No. 2 in-service date to the effective date of new rates in the current rate case. The effect of the order is to defer GMO's share of Iatan No. 2 operating costs, depreciation expense and carrying costs (interest) offset by Iatan No. 2's system energy value to a regulatory asset rather than impacting the income statement until new rates are effective.

In November 2010, the MPSC staff filed its construction audit and prudence review regarding construction expenditures through June 30, 2010, for Iatan No. 2 and the Iatan No. 1 environmental project. The MPSC staff recommended disallowances of approximately \$130 million and \$70 million of the total costs incurred through June 30, 2010, for Iatan No. 2 and the Iatan No. 1 environmental project, respectively, representing all audited expenditures above the associated December 2006 control budget estimates of approximately \$1.685 billion and \$377 million.

Accounting rules state that when it becomes probable that part of the cost of a recently completed plant will be disallowed for rate-making purposes and a reasonable estimate of the amount of the disallowance can be made, the estimated amount of the probable disallowance shall be deducted from the reported cost of the plant and recognized as a loss. As a result of disallowances for Iatan No. 2 and the Iatan No. 1 environmental project in the KCC order received by KCP&L in November 2010, management determined it is probable that the MPSC would disallow these costs as well in GMO's pending rate case. Therefore, GMO recognized a \$3.8 million pre-tax loss representing its share of these construction costs incurred through December 31, 2010.

The MPSC staff also filed testimony in GMO's rate cases in November 2010. The MPSC staff's testimony recommended a return on equity range of 8.5% to 9.5% and revenue increase ranges of approximately \$0.9 million to \$10.1 million for GMO's Missouri Public Service division, and approximately \$28.8 million to \$32.6 million for GMO's St. Joseph Light & Power division. On February 22, 2011, the MPSC Staff filed updated testimony recommending the same return on equity range of 8.5% to 9.5% and revenue increase ranges of approximately \$29,000 to \$9.2 million for GMO's Missouri Public Service division, and approximately \$14.9 million to \$18.4 million for GMO's St. Joseph Light & Power division. The revenue recommendations reflect the MPSC staff's proposed construction cost disallowances of all audited expenditures as of October 31, 2010, above the control budget estimates, among other differences from GMO's requests.

Hearings were held beginning in early February 2011 and ran through mid-February 2011. The MPSC Staff filed reconciliations of the differences between its February 22, 2011, recommendations and GMO's February 22, 2011, recommendations and hearings were held March 3 – 4, 2011. New rates are expected to go into effect in June 2011.

#### **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 GMO regarding compliance with NERC reliability and critical infrastructure protection standards. GMO received the final audit report alleging violation of certain standards and management anticipates paying a penalty that will have an immaterial impact to cash flows and results of operations. The SPP also conducted a compliance inquiry regarding a transmission system outage that occurred in the St. Joseph, Missouri area in the summer of 2009. NERC is also investigating the circumstances surrounding this transmission system outage. The outcome of the outage inquiry cannot be predicted at this time.

#### **Energy Efficiency**

GMO has implemented various energy efficiency programs. GMO currently recovers energy efficiency program expenses on a deferred basis with no recovery mechanism for associated lost revenues. An MPSC rulemaking proceeding in Missouri to address recovery of and earnings on investments in energy efficiency programs is near completion with final rules expected to be effective in the second quarter of 2011. GMO will evaluate alternatives for future energy

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efficiency programs under these new rules.

### **MPSC Regulatory Approval of the GMO Acquisition**

Appeals of the MPSC order approving the GMO acquisition were filed with the Cole County, Missouri, Circuit Court, which affirmed the order in June 2009. That decision was appealed and the Missouri Court of Appeals, Western District, upheld the MPSC order in August 2010. The case was transferred to the Missouri Supreme Court in December 2010.

### **GMO Missouri 2007 Rate Case Appeal**

Appeals of the May 2007 MPSC order approving an approximate \$59 million increase in annual revenues were filed in July and August of 2007 with the Circuit Court of Cole County, Missouri, by the Office of Public Counsel, AG Processing, Sedalia Industrial Energy Users' Association and AARP seeking to set aside or remand the order of the MPSC. In February 2009, the Circuit Court affirmed the MPSC order. The Circuit Court's decision was affirmed by the Court of Appeals in August 2009. The case was transferred to the Missouri Supreme Court in August 2010. In December 2010, the Missouri Supreme Court re-transferred the case to the Court of Appeals, Western District, which re-adopted its opinion and re-affirmed the MPSC order on January 4, 2011. The Company does not currently expect any further action with respect to this matter.

### **Regulatory Assets and Liabilities**

GMO has recorded assets and liabilities on its balance sheet resulting from the effects of the ratemaking process, which would not otherwise be recorded if it was not regulated. Regulatory assets represent incurred costs that are probable of recovery from future revenues. Regulatory liabilities represent future reductions in revenues or refunds to customers.

Management regularly assesses whether regulatory assets and liabilities are probable of future recovery or refund by considering factors such as decisions by the MPSC or FERC in GMO's rate case filings; decisions in other regulatory proceedings, including decisions related to other companies that establish precedent on matters applicable to GMO; 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.

GMO'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 or changes in accounting rules. In the event that the criteria no longer applied to any or all of GMO'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.

GMO's regulatory assets and liabilities are detailed in the following table.

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	December 31	
	2010	2009
<b>Regulatory Assets</b>	(millions)	
Taxes recoverable through future rates	\$ 27.9	\$ 25.5
Asset retirement obligations	12.8	11.9
Pension and post-retirement costs	106.7 (a)	84.5
Deferred customer programs	15.6	7.1
Rate case expenses	3.3 (b)	1.5
Fuel adjustment clauses	37.1 (b)	47.5
Acquisition transition costs	22.5 (c)	22.2
St. Joseph Light & Power acquisition	2.6 (d)	3.1
Storm damage	3.2 (e)	4.8
Derivative instruments	3.1 (f)	2.1
Iatan No. 1 and Common facilities depreciation and carrying costs	4.3 (g)	1.4
Iatan No. 2 construction accounting costs	6.5 (g)	-
Other	0.7 (h)	0.8
Total	\$ 246.3	\$ 212.4
<b>Regulatory Liabilities</b>		
Emission allowances	\$ 0.5	\$ 0.8
Taxes refundable through future rates	2.6	2.6
Pension	37.1	34.0
Other	16.5	13.6
Total	\$ 56.7	\$ 51.0

- (a) Represents financial and regulatory accounting method differences not included in rate base that will be eliminated over the life of the pension plans.
- (b) Not included in rate base and amortized over various periods.
- (c) Not included in rate base. The MPSC order provided for the deferral of transition costs to be amortized over a five-year period to the extent that synergy savings exceed transition cost amortization. GMO settled its first post-transaction rate cases and the settlement agreements did not address transition costs. GMO will continue to defer transition costs until amortization is ordered by the MPSC.
- (d) Not included in rate base and amortized through 2015.
- (e) Not included in rate base and amortized through 2012.
- (f) Represents the fair value of derivative instruments for commodity contracts. Settlements of the contracts are recognized in fuel expense and included in GMO's fuel adjustment clause (FAC).
- (g) Not included in rate base and under consideration in the pending Missouri rate cases.
- (h) Certain insignificant items are not included in rate base and amortized over various periods.

#### 4. GOODWILL AND INTANGIBLE ASSETS

Accounting rules require goodwill to be tested for impairment annually and when an event occurs indicating the possibility that an impairment exists. The annual impairment test for the \$169.0 million of GMO acquisition goodwill was conducted on September 1, 2010. The goodwill impairment test is a two step process. The first step compares the fair value of a reporting unit to its carrying amount, including goodwill, to identify potential impairment. If the carrying amount exceeds the fair value of the reporting unit, the second step of the test is performed, consisting of assignment of the reporting unit's fair value to its assets and liabilities to determine an implied fair value of goodwill, which is compared to the carrying amount of goodwill to determine the impairment loss, if any, to be recognized in the financial statements. GMO's regulated electric utility operations are considered one reporting unit for assessment of impairment. The determination of fair value of the reporting unit consisted of two valuation techniques: an income approach consisting of a discounted cash flow analysis and a market approach consisting of a determination of reporting unit

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invested capital using market multiples derived from the historical revenue, EBITDA and net utility asset values and market prices of stock of electric and gas company regulated peers. The results of the two techniques were evaluated and weighted to determine a point within the range that management considered representative of fair value for the reporting unit. Fair value of the reporting unit exceeded the carrying amount, including goodwill; therefore, there was no impairment of goodwill.

GMO's intangible assets on the balance sheet are detailed in the following table.

	<b>December 31, 2010</b>		<b>December 31, 2009</b>	
	<b>Gross Carrying Amount</b>	<b>Accumulated Amortization</b>	<b>Gross Carrying Amount</b>	<b>Accumulated Amortization</b>
	(millions)			
Computer software	\$ 32.9	\$ (19.3)	\$ 23.8	\$ 11.5
Transmission line and upgrades	22.1	(4.4)	22.1	(3.7)
Organization start-up costs	0.1	-	0.1	-

GMO's amortization expense related to intangible assets was \$0.9 million and \$0.5 million for 2010 and 2009, respectively. GMO's estimated amortization expense related to intangible assets for 2011 through 2015 for the intangible assets included in the balance sheet at December 31, 2010, was \$0.8 million for each of 2011 through 2013, \$0.7 million for 2014 and \$0.6 million for 2015.

## 5. ASSET RETIREMENT OBLIGATIONS

Asset retirement obligations (AROs) 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.

GMO has AROs related to asbestos abatement, an ash pond and landfill and removal of storage tanks and communication towers.

The following table summarizes the change in GMO's AROs.

<b>December 31</b>	<b>2010</b>	<b>2009</b>
	(millions)	
Beginning balance	\$ 12.8	\$ 12.4
Additions	-	0.6
Revision in timing and/or estimates	-	(1.0)
Accretion	0.8	0.8
Ending balance	\$ 13.6	\$ 12.8

## 6. PENSION PLANS AND OTHER EMPLOYEE BENEFITS

Great Plains Energy maintains defined benefit pension plans for substantially all active and inactive employees, including officers, of its subsidiaries and incurs significant costs in providing the plans. Pension benefits under these plans reflect

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the employees' compensation, years of service and age at retirement.

GMO records pension expense in accordance with rate orders from the MPSC 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 its subsidiaries. The cost of post-retirement benefits charged to GMO 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 the components of net periodic benefit costs. For financial reporting purposes, the market value of plan assets is the fair value. 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.



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	Pension Benefits		Other Benefits	
	2010	2009	2010	2009
<b>Change in projected benefit obligation (PBO)</b>	(millions)			
PBO at beginning of year	\$ 836.3	\$ 772.5	\$ 148.9	\$ 135.4
Service cost	30.3	29.1	3.8	4.1
Interest cost	49.3	47.3	8.8	8.3
Contribution by participants	-	-	5.6	5.3
Amendments	0.5	5.7	-	3.4
Actuarial (gain) loss	55.1	33.1	(12.5)	3.9
Benefits paid	(60.1)	(49.3)	(11.0)	(11.5)
Settlements	-	(2.1)	-	-
PBO at end of plan year	\$ 911.4	\$ 836.3	\$ 143.6	\$ 148.9
<b>Change in plan assets</b>				
Fair value of plan assets at beginning of year	\$ 488.2	\$ 418.7	\$ 52.0	\$ 38.9
Actual return on plan assets	62.7	75.1	0.5	0.7
Contributions by employer and participants	64.5	42.1	23.9	22.0
Benefits paid	(57.8)	(47.7)	(10.6)	(9.6)
Fair value of plan assets at end of plan year	\$ 557.6	\$ 488.2	\$ 65.8	\$ 52.0
<b>Funded status at end of year</b>	\$ (353.8)	\$ (348.1)	\$ (77.8)	\$ (96.9)
<b>Amounts recognized in the consolidated balance sheets</b>				
Current pension and other post-retirement liability	\$ (3.1)	\$ (3.7)	\$ (1.0)	\$ (0.9)
Noncurrent pension liability and other post-retirement liability	(350.7)	(344.4)	(76.8)	(96.0)
Net amount recognized before regulatory treatment	(353.8)	(348.1)	(77.8)	(96.9)
Accumulated OCI or regulatory asset/liability	403.2	386.2	54.8	74.0
Net amount recognized at December 31	\$ 49.4	\$ 38.1	\$ (23.0)	\$ (22.9)
<b>Amounts in accumulated OCI or regulatory asset/liability not yet recognized as a component of net periodic cost:</b>				
Actuarial loss	\$ 219.5	\$ 227.8	\$ 8.5	\$ 19.3
Prior service cost	15.3	19.4	44.1	51.3
Transition obligation	-	0.1	3.0	4.3
Other	168.4	138.9	(0.8)	(0.9)
Net amount recognized at December 31	\$ 403.2	\$ 386.2	\$ 54.8	\$ 74.0

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	Pension Benefits		Other Benefits	
	2010	2009	2010	2009
<b>Components of net periodic benefit costs</b>	(millions)			
Service cost	\$ 30.3	\$ 29.1	\$ 3.8	\$ 4.1
Interest cost	49.3	47.3	8.8	8.3
Expected return on plan assets	(36.6)	(32.4)	(2.1)	(1.6)
Prior service cost	4.6	4.2	7.2	6.9
Recognized net actuarial (gain) loss	37.4	36.3	(0.1)	(0.4)
Transition obligation	0.1	0.1	1.3	1.3
Settlement charges	-	0.1	-	-
Net periodic benefit costs before regulatory adjustment	85.1	84.7	18.9	18.6
Regulatory adjustment	(32.3)	(28.4)	-	(0.3)
Net periodic benefit costs	52.8	56.3	18.9	18.3
<b>Other changes in plan assets and benefit obligations recognized in OCI or regulatory assets/liabilities</b>				
Current year net (gain) loss	29.1	(9.2)	(10.9)	(0.2)
Amortization of gain (loss)	(37.4)	(36.3)	0.1	0.4
Prior service cost	0.5	5.7	-	24.8
Amortization of prior service cost	(4.6)	(4.2)	(7.2)	(6.9)
Transition obligation	-	-	-	1.2
Amortization of transition obligation	(0.1)	(0.1)	(1.3)	(1.3)
Other regulatory activity	29.5	10.1	0.1	(3.1)
Total recognized in OCI or regulatory asset/liability	17.0	(34.0)	(19.2)	14.9
Total recognized in net periodic benefit costs and OCI or regulatory asset/liability	\$ 69.8	\$ 22.3	\$ (0.3)	\$ 33.2

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 2011 for Great Plains Energy are \$4.5 million, \$38.5 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 2011 for Great Plains Energy are \$7.2 million, \$(1.0) million and \$1.3 million, respectively.

The accumulated benefit obligation (ABO) for all of Great Plains Energy's defined benefit pension plans was \$808.8 million and \$741.4 million at December 31, 2010 and 2009, 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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	2010	2009
<b>Pension plans with the ABO in excess of plan assets</b>	(millions)	
Projected benefit obligation	\$ 911.4	\$ 836.3
Accumulated benefit obligation	808.8	741.4
Fair value of plan assets	557.6	488.2
<b>Pension plans with plan assets in excess of the ABO</b>		
Projected benefit obligation	\$ -	\$ -
Accumulated benefit obligation	-	-
Fair value of plan assets	-	-

The GMO SERP is reflected as an unfunded ABO of \$21.1 million. GMO has segregated approximately \$21.5 million of assets for this plan as of December 31, 2010, and expects to fund future benefit payments from these 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	
	2010	2009	2010	2009
Discount rate	5.54%	5.92%	5.50%	5.87%
Rate of compensation increase	4.08%	4.26%	4.06%	4.25%

Weighted average assumptions used to determine net costs for years ended at December 31	Pension Benefits		Other Benefits	
	2010	2009	2010	2009
Discount rate	5.92%	6.11%	5.87%	6.10%
Expected long-term return on plan assets	8.00%	8.00%	4.25% *	4.00% *
Rate of compensation increase	4.26%	4.27%	4.25%	4.25%

\* after tax

For pension benefits, Great Plains Energy's 2011 projected weighted average long-term rate of return on plan assets is 7.3%, a 0.7% decrease from 2010. The reduction in the rate of return is expected to increase 2011 GAAP pension expense approximately \$4 million.

Great Plains Energy expects to contribute \$104.6 million to the pension plans in 2011 to meet Employee Retirement Income Security Act of 1974 (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 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 \$15.8 million to other post-retirement benefit plans in 2011, 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 2020.

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	<b>Pension Benefits</b>	<b>Other Benefits</b>
	(millions)	
2011	\$ 71.4	\$ 8.4
2012	66.9	8.3
2013	66.2	8.4
2014	65.3	8.6
2015	67.9	8.6
2016-2020	370.0	47.7

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 28% U.S. large cap and small cap equity securities, 22% international equity securities, 37% 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, 2010 and 2009, by asset category are in the following tables.

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Fair Value Measurements Using				
Description	December 31 2010	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. <sup>(a)</sup>	\$ 158.5	\$ 90.5	\$ 68.0	\$ -
International <sup>(b)</sup>	122.4	39.4	83.0	-
Limited partnerships	0.1	-	-	0.1
Real estate <sup>(c)</sup>	30.3	-	-	30.3
Commodities <sup>(d)</sup>	37.0	-	37.0	-
Fixed income securities				
Fixed income funds <sup>(e)</sup>	148.7	23.0	125.7	-
U.S. Treasury notes	1.8	1.8	-	-
U.S. Agency, state and local obligations	14.8	-	14.8	-
U.S. corporate bonds <sup>(f)</sup>	24.2	-	24.2	-
Foreign corporate bonds	1.5	-	1.5	-
Hedge funds <sup>(g)</sup>	8.4	-	-	8.4
Total	\$ 547.7	\$ 154.7	\$ 354.2	\$ 38.8
Cash equivalents - money market funds	9.9			
Total Pension Plans	\$ 557.6			

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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. <sup>(a)</sup>	\$ 188.8	\$ 102.9	\$ 85.9	\$ -
International <sup>(b)</sup>	75.2	18.4	56.8	-
Limited partnerships	0.1	-	-	0.1
Real estate <sup>(c)</sup>	26.8	-	-	26.8
Commodities <sup>(d)</sup>	17.6	-	17.6	-
Fixed income securities				
Fixed income funds <sup>(e)</sup>	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 <sup>(f)</sup>	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			

- <sup>(a)</sup> At December 31, 2010 and 2009, this category is comprised of \$90.5 million and \$102.9 million, respectively, of traded mutual funds valued at daily listed prices and \$68.0 million and \$85.9 million, respectively, of institutional common/collective trust funds valued at daily Net Asset Values (NAV) per share.
- <sup>(b)</sup> At December 31, 2010 and 2009, this category is comprised of \$39.4 million and \$18.4 million, respectively, of traded mutual funds valued at daily listed prices and \$83.0 million and \$56.8 million, respectively, of institutional common/collective trust funds valued at daily NAV per share.
- <sup>(c)</sup> This category is comprised of institutional common/collective trust funds and a limited partnership valued at NAV on a quarterly basis.
- <sup>(d)</sup> This category is comprised of institutional common/collective trust funds valued at daily NAV per share.
- <sup>(e)</sup> At December 31, 2010 and 2009, this category is comprised of \$23.0 million and \$3.0 million, respectively, of traded mutual funds valued at daily listed prices and \$125.7 million and \$114.9 million, respectively, of institutional common/collective trust funds valued at daily NAV per share.
- <sup>(f)</sup> At December 31, 2010 and 2009, this category is comprised of \$13.9 million and \$13.0 million, respectively, of corporate bonds, \$8.0 million and \$9.3 million, respectively, of collateralized mortgage obligations and \$2.3 million and \$3.2 million, respectively, of other asset-backed securities.
- <sup>(g)</sup> This category is comprised of closely-held limited partnerships valued at NAV on a quarterly basis.

The following tables reconcile 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 2010 and 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, 2010	\$ 26.8	\$ 2.4	\$ 0.1	\$ 29.3
Actual return on plan assets				
Relating to assets still held	2.5	(0.2)	-	2.3
Relating to assets sold	-	(0.7)	-	(0.7)
Purchase, issuances, and settlements	1.0	6.9	-	7.9
Transfers in and/or out of Level 3	-	-	-	-
Balance December 31, 2010	\$ 30.3	\$ 8.4	\$ 0.1	\$ 38.8

#### 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 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 other post-retirement plan assets at December 31, 2010 and 2009, by asset category are in the following tables.

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Description	December 31 2010	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	\$ 12.1	\$ 12.1	\$ -	\$ -
U.S. Agency	21.7	-	21.7	-
State and local obligations	0.5	-	0.5	-
Corporate bonds <sup>(a)</sup>	11.4	-	11.4	-
Foreign corporate bonds	1.0	-	1.0	-
Mutual funds	0.1	0.1	-	-
Total	\$ 46.8	\$ 12.2	\$ 34.6	\$ -
Cash and cash equivalents - money market funds	19.0			
Total Other Post-Retirement Benefit Plans	\$ 65.8			

<sup>(a)</sup> This category is comprised of \$9.2 million of corporate bonds, \$0.9 million of collateralized mortgage obligations and \$1.3 million of other asset-backed securities.

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 2010 and 2011 was 8.0%, with the rate declining through 2018 to the ultimate cost trend rate of 5%.



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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.

The effects of a one-percentage point change in the assumed health care cost trend rates, holding all other assumptions constant, at December 31, 2010, 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	\$ 0.2	\$ (0.3)
Effect on post-retirement benefit obligation	2.2	(2.1)

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

GMO's \$450 million revolving credit facility with a group of banks expires in August 2013. Great Plains Energy and GMO may transfer up to \$200 million of unused commitments between Great Plains Energy's and GMO's facilities. A default by GMO, Great Plains Energy or any of its significant subsidiaries on other indebtedness totaling more than \$50.0 million is a default under the facility. Under the terms of this facility, GMO is required to maintain a consolidated indebtedness to consolidated capitalization ratio, as defined in the facility, not greater than 0.65 to 1.00 at all times. At December 31, 2010, GMO was in compliance with this covenant. At December 31, 2010, GMO had no outstanding cash borrowings and had issued letters of credit totaling \$13.2 million under the credit facility. At December 31, 2009, GMO had \$232.0 million of outstanding cash borrowings with a weighted-average interest rate of 1.50%, and had issued letters of credit totaling \$13.2 million under the credit facility.

## 8. LONG-TERM DEBT

GMO's long-term debt is detailed in the following table.

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		December 31	
	Year Due	2010	2009
(millions)			
First Mortgage Bonds			
9.44% Series	2011-2021	\$ 12.4	\$ 13.5
Pollution Control Bonds			
5.85% SJLP Pollution Control	2013	5.6	5.6
0.298% * Wamego Series 1996	2026	7.3	7.3
0.650% * State Environmental 1993	2028	5.0	5.0
Senior Notes			
7.95% Series	2011	137.3	137.3
7.75% Series	2011	197.0	197.0
11.875% Series	2012	500.0	500.0
8.27% Series	2021	80.9	80.9
Fair Value Adjustment		49.9	84.5
Medium Term Notes			
7.16% Series	2013	6.0	6.0
7.33% Series	2023	3.0	3.0
7.17% Series	2023	7.0	7.0
Advances from associated companies	2013	248.7	-
Total		\$ 1,260.1	\$ 1,047.1

\* Variable rate

### Amortization of Debt Expense

GMO's amortization of debt expense was \$1.1 million and \$1.0 million for 2010 and 2009, respectively.

### GMO First Mortgage Bonds

GMO has issued mortgage bonds under the General Mortgage Indenture and Deed of Trust dated April 1, 1946, as supplemented. The Indenture creates a mortgage lien on substantially all of GMO's St. Joseph Light & Power division utility plant. Mortgage bonds totaling \$12.4 million and \$13.5 million, respectively, were outstanding at December 31, 2010 and 2009.

### GMO Senior Notes

The fair value adjustment for GMO represents the \$133.3 million purchase accounting adjustment to record GMO's debt related to the 11.875% series and 7.75% series Senior Notes that are not fully reflected in electric retail rates as of the July 14, 2008, acquisition date, at estimated fair value, with the offset recorded to goodwill. The fair value adjustment is being amortized as a reduction to interest expense over the remaining life of the individual debt issues. Amortization for 2010, 2009 and 2008 was \$34.6 million, \$33.0 million and \$15.8 million, respectively. Amortization for 2011 and 2012 is estimated at \$33.8 million and \$16.1 million, respectively.

### Scheduled Maturities

GMO's long-term debt maturities for the next five years are \$335.4 million in 2011, \$501.1 million in 2012, \$261.5 million in 2013 and \$1.1 million in each of 2014 and 2105.

## 9. COMMITMENTS AND CONTINGENCIES

### Environmental Matters

GMO 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

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material to GMO. Failure to comply with environmental requirements or to timely recover environmental costs through rates could have a material adverse effect on GMO.

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

### ***Air and Climate Change***

The Clean Air Act and associated regulations enacted by the Environmental Protection Agency (EPA) form a 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 GMO's generating facilities, and certain of their other facilities, are subject to the Clean Air Act.

GMO's current estimate of capital expenditures (exclusive of AFUDC and property taxes) to comply with the currently effective Clean Air Interstate Rule (CAIR) and with the best available retrofit technology (BART) rule is approximately \$0.2 billion to \$0.4 billion. As discussed below, CAIR has been remanded to the EPA, but remains in effect until the EPA issues final rules consistent with the court's order or until the court takes further action. In July 2010, the EPA proposed the Transport Rule to replace CAIR. However, due to uncertainties regarding the proposal (discussed below), it is not possible to predict what the final rules may be, when the rules may be issued, or the costs associated with such rules. The actual cost of compliance with any future rules, and with BART, may be significantly different from the cost estimate provided.

The estimated capital costs do not reflect potential costs relating to requirements enacted in the future, including potential requirements regarding climate change and control of mercury emissions (discussed below), and also do not reflect costs that may be required under the Missouri renewable energy standards, which are discussed below. The estimate does not reflect the non-capital costs GMO incurs on an ongoing basis to comply with environmental laws, which may increase in the future due to GMO's ongoing compliance with current or future environmental laws. GMO 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. GMO may be subject to materially adverse rate treatment in response to competitive, economic, political, legislative or regulatory pressures and/or public perception of GMO's environmental reputation.

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

The CAIR requires reductions in SO<sub>2</sub> and NO<sub>x</sub> emissions in 28 states, including Missouri. The reduction in both SO<sub>2</sub> and NO<sub>x</sub> emissions is accomplished through statewide caps for NO<sub>x</sub> and SO<sub>2</sub>. More restrictive caps are scheduled to become effective January 1, 2015. GMO's fossil fuel-fired plants located in Missouri are subject to CAIR.

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, including the proposed Transport Rule discussed below.

CAIR currently establishes a market-based cap-and-trade program with an emission allowance allocation. Facilities demonstrate compliance with CAIR by holding sufficient allowances for each ton of SO<sub>2</sub> and NO<sub>x</sub> emitted in any given year. GMO is currently allowed to utilize unused SO<sub>2</sub> emission allowances that it has either accumulated during previous years of the Acid Rain Program or purchased to meet the more stringent CAIR requirements. At December 31, 2010, GMO had accumulated unused SO<sub>2</sub> emission allowances sufficient to

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support just over 13,000 tons of SO<sub>2</sub> emissions (enough to support expected requirements under the current CAIR through 2011), which it has received under the Acid Rain Program or purchased, and are recorded in inventory at average cost. GMO purchases NO<sub>x</sub> allowances as needed.

Analysis of the current CAIR rule indicates that NO<sub>x</sub> and SO<sub>2</sub> control may be required for GMO's Sibley and Lake Road Stations in Missouri, and control may be achieved through a combination of pollution control equipment and the use or purchase of emission allowances as needed.

In July 2010, the EPA proposed the Transport Rule to replace the current CAIR. The Transport Rule, like CAIR, will require the states within its scope to reduce power plant SO<sub>2</sub> and NO<sub>x</sub> emissions that contribute to ozone and fine particle nonattainment in other states. The geographical scope of the Transport Rule is broader than CAIR, and includes Missouri and other states. The Transport Rule would also impose more stringent emissions limitations than CAIR and, unlike CAIR, would not utilize Acid Rain Program allowances for compliance. The EPA is proposing a preferred approach and is taking comment on two alternatives. In the EPA's preferred approach, the EPA would set an emissions budget for each of the affected states and the District of Columbia. The preferred approach would allow limited interstate emissions allowance trading among power plants. In the first alternative, the EPA is proposing to set an emissions budget for each state and allow emissions allowance trading only among power plants within a state. In the second alternative, the EPA is proposing to set an emissions budget for each state, specify the allowable emission limit for each power plant and allow some averaging. Compliance with the Transport Rule would begin in 2012. There would be additional reductions in SO<sub>2</sub> allowances allocable to the Company's Missouri power plants taking effect in 2014 pursuant to the preferred approach.

In January 2011, the EPA supplemented the record supporting the proposed Transport Rule. The EPA made available additional information relevant to the rulemaking, including, among other things, unit-level allowances for existing units calculated using two alternative methodologies and data supporting those calculations.

The proposed Transport Rule is complex and, as noted, contains alternative approaches. GMO is unable to predict when the Transport Rule (or other rule replacing CAIR) might be adopted, or the actual requirements of such rule. Preliminary analysis of the Transport Rule has raised various questions regarding the emission allowances allocation to, and the allowable emission rates for, GMO's power plants pursuant to the preferred approach and alternatives, which GMO addressed during the rule's comment period. Regardless of the resolution of those questions, GMO projects that it may not be allocated sufficient SO<sub>2</sub> or NO<sub>x</sub> emissions allowances to cover its currently expected operations starting in 2012 pursuant to the preferred approach. Any shortfall in allocated allowances would need to be addressed through permissible allowance trading, installing additional emission control equipment, changes in plant operation, purchasing additional power in the wholesale market, or a combination of these and other alternatives. While GMO cannot reasonably predict at this time the impacts of the final Transport Rule, if it were finalized as currently proposed, GMO expects that any required capital expenditures would not exceed the \$0.2 billion to \$0.4 billion estimate of capital expenditures (exclusive of AFUDC and property taxes) to comply with the currently effective CAIR and BART rule disclosed above. Any final rule could have a significant adverse effect on GMO's results of operations, financial position and cash flows.

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

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 Iatan No. 1, in which GMO has an

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18% interest, GMO's Sibley Unit No. 3 and Lake Road Unit No. 6 in Missouri and Westar Energy, Inc.'s (Westar) Jeffrey Unit Nos. 1 and 2 in Kansas, in which GMO has an 8% interest. Initially, in Missouri, compliance with CAIR will be compliance with BART for individual sources. Both Missouri and Kansas have submitted BART plans to the EPA but neither Missouri nor Kansas has received EPA approval for their BART plans.

#### ***Mercury and Other Hazardous Air Pollutant 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, in which GMO has an 18% interest, as an affected EGU. 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. It is not currently known how MACT determinations and schedules of compliance will impact the permitting or operating requirements for this unit, but it is possible a MACT determination may ultimately require additional emission control equipment and permit limits at Iatan No. 2.

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

Management cannot predict the outcome of further judicial, administrative or regulatory actions or their financial or operational effects on GMO. Such actions could have a significant effect on GMO's results of operations, financial position and cash flows. Some of the control technology for SO<sub>2</sub> and NO<sub>x</sub> could also aid in the control of mercury.

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

In April 2010, the EPA issued a proposed rule that would set MACT standards for hazardous air pollutants from industrial boilers. The proposed rule would establish emission limits for GMO's new and existing units that produce steam other than for the generation of electricity. This proposed rule does not apply to GMO's electricity generating boilers, but would apply to most of GMO's Lake Road boilers, which also serve steam customers, and to auxiliary boilers at other generating facilities. The EPA finalized the rule in late February 2011. The financial and operational impacts to GMO, which could be material, are being evaluated but cannot be determined at this time.

#### ***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 January 2004, Westar received notification from the EPA alleging that it had violated new source review requirements and Kansas environmental regulations by making modifications to the Jeffrey Energy Center without obtaining the proper permits. In February 2009, the Attorney General of the United States filed a complaint against Westar alleging that it violated the Clean Air Act and related federal and state regulations by making major modifications to the Jeffrey Energy Center beginning in 1994 without first obtaining appropriate

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permits authorizing this construction and without installing and operating best available control technology to control emissions. The Jeffrey Energy Center consists of three coal-fired units located in Kansas that is 92% owned by Westar and operated exclusively by Westar. GMO has an 8% interest in the Jeffrey Energy Center and is generally responsible for its 8% share of the facility's operating costs and capital expenditures. In January 2010, Westar entered into a settlement agreement, which was approved by the court in March 2010. The settlement agreement requires, among other things, the installation of a selective catalytic reduction (SCR) system at one of the Jeffrey Energy Center units by the end of 2014 and the payment of a \$3 million civil penalty. Westar has preliminarily estimated the cost of this SCR at approximately \$240 million. This amount could materially change depending on final engineering and design. Depending on the NO<sub>x</sub> emission reductions attained by that SCR and attainable through the installation of other controls at the other two units, the settlement agreement may require the installation of a second SCR system on one of the other two units by the end of 2016. There is no assurance that GMO's share of these costs would be recovered in rates and failure to recover such costs could have a significant adverse effect on GMO's results of operations, financial position and cash flows.

### *Climate Change*

GMO is subject to existing greenhouse gas reporting regulations and, as discussed below, will be subject to certain greenhouse gas permitting requirements starting in 2011. 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 and pursuant to subsequent international discussions relating to climate change, 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 new laws or regulations could mandate new or increased requirements to control or reduce the emission of greenhouse gases, such as CO<sub>2</sub>, which are created in the combustion of fossil fuels. GMO's current generation capacity is primarily coal-fired and is estimated to produce about one ton of CO<sub>2</sub> per MWh, or approximately 7 million tons per year for GMO.

Laws have recently been passed in Missouri, the state in which GMO's retail electric business operates, setting renewable energy standards, and management believes that national clean or renewable energy standards are also likely. While management believes additional requirements addressing these matters will probably be enacted, the timing, provisions and impact of such requirements, including the cost to obtain and install new equipment to achieve compliance, cannot be reasonably estimated at this time. In addition, certain federal courts have held that state and local governments and private parties have standing to bring climate change tort suits seeking company-specific emission reductions and monetary or other damages. The U.S. Supreme Court has agreed to hear an appeal of one of those suits. While GMO 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 GMO. GMO would seek recovery of capital costs and expenses for compliance through rate increases; however, there can be no assurance that such rate increases would be granted.

Legislation concerning the reduction of emissions of greenhouse gases, including CO<sub>2</sub>, is being considered at the federal and state levels. The timing and effects of any such legislation cannot be determined at this time. In the absence of new Congressional mandates, the EPA is proceeding with the regulation of greenhouse gases under the existing Clean Air Act.

In May 2010, the EPA issued a final rule addressing greenhouse gas emissions from stationary sources under the Clean Air Act permitting programs. This final rule sets thresholds for greenhouse gas emissions that define when

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permits under the Prevention of Significant Deterioration (PSD) and Title V Operating Permit programs are required for new and existing industrial facilities. The EPA phased in the Clean Air Act permitting requirements for greenhouse gas emissions in two initial steps. In step 1, which started January 2, 2011, only sources currently subject to the PSD permitting program (i.e., those that are newly-constructed or modified in a way that significantly increases emissions of a pollutant other than greenhouse gas) are subject to Title V or PSD permitting requirements, respectively, for their greenhouse gas emissions. For these projects, only projects with new or increases of greenhouse gas emissions of 75,000 tons per year or more of total greenhouse gases, on a CO<sub>2</sub> equivalent basis, need to determine the best available control technology for their greenhouse gas emissions.

In addition, sources subject to the Title V Operating Permit Program need to address greenhouse gas emissions as those permits are applied for or renewed. In step 2, starting July 1, 2011, Title V and PSD permitting requirements will cover, for the first time, new construction projects that emit greenhouse gas emissions of at least 100,000 tons per year even if they do not exceed the permitting thresholds for any other pollutant. In addition, modifications at such existing facilities that increase greenhouse gas emissions by at least 75,000 tons per year will be subject to permitting requirements, even if they do not significantly increase emissions of any other pollutant. GMO's generating facilities that trigger these thresholds for new installations, modifications or Title V operating permits will be subject to this rule.

In December 2010, the EPA announced it entered into a proposed settlement agreement to issue a rule that will address greenhouse gas emissions from EGUs. The rule would establish new source performance standards for new and modified EGUs and emission guidelines for existing EGUs. Under the settlement agreement, the EPA would commit to issuing proposed regulations by July 2011, and final regulations by May 2012.

At the state level, a Missouri law enacted in November 2008 requires at least 2% of the electricity provided by Missouri investor-owned utilities (including GMO) to its Missouri retail customers to come from renewable resources, including wind, solar, biomass and hydropower, by 2011, increasing to 5% in 2014, 10% in 2018, and 15% in 2021, with a small portion (estimated to be about 2MW in 2011 for GMO) required to come from solar resources.

GMO projects that its current renewable resources (including accumulated renewable energy credits) will be sufficient for compliance with the Missouri requirements, exclusive of the solar requirement, through 2015. GMO projects that the purchase of solar renewable energy credits will be sufficient for compliance with the Missouri requirements through 2011. GMO has issued requests for proposals for compliance with the solar requirement beyond 2011 and is evaluating the proposals. GMO continues to evaluate options for compliance beyond these years.

Greenhouse gas legislation or regulation has the potential of having significant financial and operational impacts on GMO, including the potential costs and impacts of achieving compliance with limits that may be established. However, the ultimate financial and operational consequences to GMO cannot be determined until such legislation is passed, regulations are issued or, with respect to those regulations that have been issued, additional guidance is provided. Management will continue to monitor the progress of relevant legislation and regulations.

### ***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 has implemented the responses established in the maintenance plans for control of ozone. The response does not require additional controls at GMO'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

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GMO's operations. However, the EPA's response could have a significant effect on GMO'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 Kansas Department of Health and Environment (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 GMO'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 GMO'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. In December 2010, the EPA filed a motion requesting court approval for additional time, until July 2011, to finalize the rule.

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

In June 2010, the EPA strengthened the primary NAAQS for SO<sub>2</sub>. The EPA revised the primary SO<sub>2</sub> standard by establishing a new 1-hour standard at a level of 0.075 ppm. The EPA revoked the two existing primary standards of 0.140 ppm evaluated over 24-hours and 0.030 ppm evaluated over an entire year. Although the impact on GMO's operations will not be known until after the nonattainment designations are approved and the state implementation plans submitted, it could have a significant effect on GMO's results of operations, financial position and cash flows.

### ***Water***

The Clean Water Act and associated regulations enacted by the EPA form a comprehensive program to preserve water quality. Like the Clean Air Act, states are required to establish regulations and programs to address all requirements of the Clean Water Act, and have the flexibility to enact more stringent requirements. All of GMO's generating facilities, and certain of its 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. In December 2010, in a court approved settlement, the EPA agreed to propose a new rule in March 2011 and to finalize it in July 2012. At this time, management is unable to predict how the EPA will respond or how that response will impact GMO's operations.

KCP&L holds a permit from the MDNR covering water discharge from its Hawthorn Station. The permit authorizes KCP&L to, among other things, 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,



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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 and at GMO's Sibley and Lake Road Stations.

Additionally, in September 2009, the EPA announced plans to revise the existing standards for water discharges from coal-fired power plants. In November 2010, the EPA filed a motion requesting court approval of a consent agreement in which the EPA agreed to propose a rule in July 2012 and to finalize it in January 2014. Until a rule is proposed and finalized, the financial and operational impacts to GMO cannot be determined.

### ***Solid Waste***

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

### ***Remediation***

Certain federal and state laws, including the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) hold current and previous owners or operators of real property, and any person who arranges for the disposal or treatment of hazardous substances at a property, liable on a joint and several basis for the costs of cleaning up contamination at or migrating from such real property, even if they did not know of and were not responsible for such contamination. CERCLA and other laws also authorize the EPA and other agencies to issue orders compelling potentially responsible parties to clean up sites that are determined to present an actual or potential threat to human health or the environment. GMO is named as a potentially responsible party at two disposal sites for polychlorinated biphenyls (PCBs), and retains some environmental liability for several operations and investments it no longer owns. In addition, GMO also owns, or has acquired liabilities from companies that once owned or operated, former manufactured gas plant (MGP) sites, which are subject to the supervision of the EPA and various state environmental agencies.

At December 31, 2010, GMO had \$2.1 million accrued for the future investigation and remediation of certain additional identified MGP sites, PCB sites and retained liabilities. This estimate was based upon review of the potential costs associated with conducting investigative and remedial actions at identified sites, as well as the likelihood of whether such actions will be necessary. This estimate could change materially after further investigation, and could also be affected by the actions of environmental agencies and the financial viability of other potentially responsible parties.

GMO has pursued recovery of remediation costs from insurance carriers and other potentially responsible parties. As a result of a settlement with an insurance carrier, approximately \$2.3 million in insurance proceeds less an annual deductible is available to GMO to recover qualified MGP remediation expenses. GMO would seek recovery of additional remediation costs and expenses through rate increases; however, there can be no assurance that such rate increases would be granted.

In January 2010, the EPA announced an advance notice of proposed rulemaking under CERCLA identifying classes of

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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 GMO's production, transportation, treatment, storage or disposal of CERCLA hazardous substances. The impact on GMO cannot be determined until the regulations are finalized.

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

### Contractual Commitments

GMO's expenses related to lease commitments were \$4.0 million in 2010 and \$4.1 million in 2009.

GMO's contractual commitments at December 31, 2010, excluding long-term debt, are detailed in the following table.

	2011	2012	2013	2014	2015	After 2015	Total
Lease commitments	(millions)						
Operating lease	\$ 3.8	\$ 3.7	\$ 2.3	\$ 1.8	\$ 1.4	\$ -	\$ 13.0
Capital lease	0.2	0.2	0.2	0.2	0.2	2.3	3.3
Purchase commitments							
Fuel	51.9	41.2	38.6	20.4	3.9	-	156.0
Purchased capacity	14.8	8.7	8.7	1.6	1.2	1.2	36.2
Other	35.9	2.6	0.8	0.8	0.8	14.3	55.2
Total contractual commitments	\$ 106.6	\$ 56.4	\$ 50.6	\$ 24.8	\$ 7.5	\$ 17.8	\$ 263.7

GMO has expected sublease income of \$2.0 million for the years 2011-2013. Lease commitments end in 2028.

Fuel commitments consist of commitments for coal and coal transportation. GMO purchases capacity from other utilities and nonutility suppliers. Purchasing capacity provides the option to purchase energy if needed or when market prices are favorable. Other represents individual commitments entered into in the ordinary course of business.

## 10. LEGAL PROCEEDINGS

### GMO Price Reporting Litigation

In response to complaints of manipulation of the California energy market, in July 2001, FERC issued an order requiring net sellers of power in the California markets from October 2, 2000, through June 20, 2001, at prices above a FERC determined competitive market clearing price to make refunds to net purchasers of power in the California market during that time period. Because MPS Merchant Services, Inc., (MPS Merchant) was a net purchaser of power during the refund period, it has received approximately \$8 million in refunds through settlements with certain sellers of power. MPS Merchant estimates that it is entitled to approximately \$12 million in additional refunds under the standards FERC has used in this case. FERC has stated that interest will be applied to the refunds but the amount of interest has not yet been determined. However, in December 2001, various parties appealed the FERC order to the United States Court of Appeals for the Ninth Circuit seeking review of a number of issues, including changing the refund period to include periods prior to October 2, 2000. MPS Merchant was a net seller of power during the period prior to October 2, 2000. On August 2, 2006, the U.S. Court of Appeals for the Ninth Circuit issued an order finding, among other things, that FERC did not provide a sufficient justification for refusing to exercise its remedial authority under the Federal Power Act to determine whether market participants violated FERC-approved tariffs during the period prior to October 2, 2000, and imposing a remedy for any such violations. The court remanded the matter to FERC to determine whether tariff violations occurred

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and, if so, the appropriate remedy. In March 2008, FERC issued an order declining to order refunds for the period prior to October 2, 2000. That order has been appealed to the U.S. Court of Appeals for the Ninth Circuit. If FERC ultimately includes the period prior to October 2, 2000, MPS Merchant could be found to owe refunds.

FERC initiated a separate docket, generally referred to as the Pacific Northwest refund proceeding, to determine if any refunds were warranted related to the potential impact of the California market issues on buyers in the Pacific Northwest between December 25, 2000, and June 20, 2001. FERC rejected the refund requests, but its decision was remanded by the Court of Appeals for FERC to consider whether any acts of market manipulation support the imposition of refunds. Claims against MPS Merchant total \$5.1 million for the period addressed under the Pacific Northwest refund proceedings.

In October 2006, the MPSC filed suit in the Circuit Court of Jackson County, Missouri against 18 companies, including GMO and MPS Merchant alleging that the companies manipulated natural gas prices through the misreporting of natural gas trade data and, therefore, violated Missouri antitrust laws. The suit does not specify alleged damages and was filed on behalf of all local distribution gas companies in Missouri who bought and sold natural gas from June 2000 to October 2002. The defendants' motions to dismiss the case were granted in January 2009. In February 2009, the MPSC appealed the dismissal to the Missouri Court of Appeals for the Western District of Missouri. In December 2009, the Missouri Court of Appeals affirmed the dismissal and the MPSC filed a request for rehearing or, in the alternative, transfer to the Missouri Supreme Court. The Missouri Supreme Court accepted the transfer in April 2010, but in September 2010, transferred the case back to the Court of Appeals, which then reaffirmed its earlier opinion. The Company does not currently expect any further action with respect to this matter.

## 11. GREAT PLAINS ENERGY'S GUARANTEES

In the ordinary course of business, Great Plains Energy and certain of its subsidiaries enter into various agreements providing financial or performance assurance to third parties on behalf of certain subsidiaries. Such agreements include, for example, guarantees and letters of credit. These agreements are entered into primarily to support or enhance the creditworthiness otherwise attributed to a subsidiary on a stand-alone basis, thereby facilitating the extension of sufficient credit to accomplish the subsidiaries' intended business purposes. The majority of these agreements guarantee Great Plains Energy's own future performance, so a liability for the fair value of the obligation is not recorded.

At December 31, 2010, Great Plains Energy has provided \$1,030.4 million of credit support for GMO as follows:

- Great Plains Energy direct guarantees to GMO counterparties totaling \$65.4 million, of which \$45.4 million expire in 2011 and \$20.0 million expire in 2012,
- Great Plains Energy letters of credit to GMO counterparties totaling \$15.8 million, which expire in 2011, and
- Great Plains Energy guarantee of GMO long-term debt totaling \$949.2 million, which includes debt with maturity dates ranging from 2011-2023.

Great Plains Energy has also guaranteed GMO's \$450 million revolving line of credit dated August 9, 2010, with a group of banks, expiring August 9, 2013. At December 31, 2010, GMO had no outstanding cash borrowings and had issued letters of credit totaling \$13.2 million under this facility.

## 12. RELATED PARTY TRANSACTIONS AND RELATIONSHIPS

GMO has no employees of its own. KCP&L employees manage GMO's business and operate its facilities at cost. These costs totaled \$100.9 million for 2010 and \$102.7 million for 2009. Additionally, KCP&L and GMO engage in wholesale electricity transactions with each other. GMO is also authorized to participate in the Great Plains Energy money pool, an internal financing arrangement in which funds may be lent on a short-term basis to GMO. At December 31, 2010 and

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2009, GMO had a \$29.6 million and \$26.4 million, respectively, net payable to KCP&L.

### 13. DERIVATIVE INSTRUMENTS

The Company is exposed to a variety of market risks including 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 the Company'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 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 expose the Company 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 NPNS 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 recorded to a regulatory asset or liability consistent with MPSC regulatory orders, as discussed below.

The Company posts collateral, in the ordinary course of business, for the aggregate fair value of all derivative instruments with credit risk-related contingent features that are in a liability position. At December 31, 2010, GMO has posted collateral in excess of the aggregate fair value of its derivative instruments, therefore, if the credit risk-related contingent features underlying these agreements were triggered, GMO would not be required to post additional collateral to its counterparties.

The Dodd-Frank Wall Street Reform and Consumer Protection Act, signed into law in July 2010, includes provisions related to the swaps and over-the-counter derivative markets. GMO currently expects that its commodity hedges will be exempt from mandatory clearing and exchange trading requirements. Capital and margin requirements for these hedges are expected to be determined over the next year as regulatory agencies implement rules. While GMO currently does not anticipate this law and the associated regulatory rules to have a material impact on its financial condition, the ultimate impact cannot be reasonably determined until the final rules are issued.

GMO's risk management policy is to use derivative instruments to mitigate price exposure to natural gas price volatility in the market. The fair value of the portfolio relates to financial contracts that will settle against actual purchases of natural gas and purchased power. At December 31, 2010, GMO had financial contracts in place to hedge approximately 67%, 45% and 38% of the expected on-peak natural gas and natural gas equivalent purchased power price exposure for 2011, 2012 and 2013, respectively. In connection with GMO's 2005 Missouri electric rate case, it was agreed that the settlement costs of these contracts would be recognized in fuel expense. The settlement cost is included in GMO's FAC. A regulatory asset has been recorded to reflect the change in the timing of recognition authorized by the MPSC. To the extent recovery of actual costs incurred is allowed, amounts will not impact earnings, but will impact cash flows due to the timing of the recovery mechanism.

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

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	December 31			
	2010		2009	
	Notional Contract Amount	Fair Value	Notional Contract Amount	Fair Value
	(millions)			
Futures contracts				
Non-hedging derivatives	\$ 59.5	\$ (2.5)	\$ 29.8	\$ (0.9)
Option contracts				
Non-hedging derivatives	0.2	-	-	-

The fair value of GMO's open derivative positions are summarized in the following table. The table contains derivative instruments not designated as hedging instruments (non-hedging derivatives) under GAAP. The fair values below are gross values before netting agreements and netting of cash collateral.

	Balance Sheet	Asset Derivatives	Liability Derivatives
December 31, 2010	Classification	Fair Value	Fair Value
(millions)			
Derivatives Not Designated as Hedging Instruments			
Commodity contracts	Derivative instruments	\$ 0.5	\$ 3.0
December 31, 2009			
Derivatives Not Designated as Hedging Instruments			
Commodity contracts	Derivative instruments	\$ 0.7	\$ 1.6

The following table summarizes the amount of gain (loss) recognized in a regulatory balance sheet account or earnings for GMO utility commodity hedges. GMO utility commodity derivatives fair value changes are recorded to either a regulatory asset or liability consistent with MPSC regulatory orders.

Derivatives in Regulatory Account Relationship			
	Amount of Gain (Loss) Recognized on Regulatory Account on Derivatives (Effective Portion)	Gain (Loss) Reclassified from Regulatory Account	
		Income Statement Classification	Amount
	(millions)		(millions)
<b>2010</b>			
Commodity contracts	\$ (8.2)	Fuel	\$ (7.2)
Total	\$ (8.2)	Total	\$ (7.2)
<b>2009</b>			
Commodity contracts	\$ (12.8)	Fuel	\$ (20.5)
Total	\$ (12.8)	Total	\$ (20.5)

## 14. FAIR VALUE MEASUREMENTS

GAAP defines fair value as the price that would be received to sell an asset or paid to transfer a liability in an orderly

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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 GMO has access to at the measurement date. Assets categorized within this level consist of GMO's various exchange traded derivative instruments and equity securities that are actively traded within GMO's SERP rabbi 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 debt securities within GMO's SERP rabbi trust fund.

Level 3 – Unobservable inputs, reflecting GMO's own assumptions about the assumptions market participants would use in pricing the asset or liability.

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

Description	December 31 2010	Netting <sup>(c)</sup>	Fair Value Measurements Using			
			Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	
			(millions)			
Assets						
Derivative instruments <sup>(a)</sup>	\$ -	\$ (0.5)	\$ 0.5	\$ -	\$ -	
SERP rabbi trust <sup>(b)</sup>						
Equity securities	0.2	-	0.2	-	-	
Debt securities	7.0	-	-	7.0	-	
Total SERP rabbi trust	7.2	-	0.2	7.0	-	
Total	7.2	(0.5)	0.7	7.0	-	
Liabilities						
Derivative instruments <sup>(a)</sup>	-	(3.0)	3.0	-	-	
Total	\$ -	\$ (3.0)	\$ 3.0	\$ -	\$ -	

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Description	December 31 2009	Netting <sup>(c)</sup>	Fair Value Measurements Using		
			Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
			(millions)		
Assets					
Derivative instruments <sup>(a)</sup>	\$ -	\$ (0.7)	\$ 0.7	\$ -	\$ -
SERP rabbi trust <sup>(b)</sup>					
Equity securities	0.2	-	0.2	-	-
Debt securities	6.9	-	-	6.9	-
Total SERP rabbi trust	7.1	-	0.2	6.9	-
Total	7.1	(0.7)	0.9	6.9	-
Liabilities					
Derivative instruments <sup>(a)</sup>	-	(1.6)	1.6	-	-
Total	\$ -	\$ (1.6)	\$ 1.6	\$ -	\$ -

- (a) The fair value of derivative instruments is estimated using market quotes, over-the-counter forward price and volatility curves and correlations among fuel prices, net of estimated credit risk.
- (b) Fair value is based on quoted market prices of the investments held by the fund and/or valuation models. The total does not include \$14.6 million and \$16.2 million at December 31, 2010 and 2009, respectively, of cash and cash equivalents, which are not subject to the fair value requirements.
- (c) Represents the difference between derivative contracts in an asset or liability position presented on a net basis by counterparty on the balance sheet where a master netting agreement exists between GMO and the counterparty. At December 31, 2010 and 2009, GMO netted \$2.5 million and \$0.9 million, respectively, of cash collateral posted with counterparties.

## 15. TAXES

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

	2010	2009
	(millions)	
Current income taxes		
Federal	\$ 10.0	\$ (39.4)
State	0.4	(4.0)
Total	10.4	(43.4)
Deferred income taxes		
Federal	20.2	32.5
State	6.3	6.8
Total	26.5	39.3
Noncurrent income taxes		
Federal	1.0	4.8
State	(0.1)	0.4
Total	0.9	5.2
Investment tax credit	(0.7)	(0.8)
Total	\$ 37.1	\$ 0.3

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### 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	
	2010	2009	2010	2009
	(millions)			
Federal statutory income tax	\$ 41.9	\$ 16.0	35.0 %	35.0 %
Differences between book and tax depreciation not normalized	(0.7)	(2.2)	(0.5)	(4.9)
Amortization of investment tax credits	(0.7)	(0.8)	(0.6)	(1.7)
Federal income tax credits	(4.0)	(0.1)	(3.4)	(0.2)
State income taxes	4.4	3.9	3.7	8.5
Valuation allowance	(3.0)	55.2	(2.5)	120.6
Changes in uncertain tax positions, net	0.1	(72.0)	0.1	(157.2)
Equity in subsidiaries	-	0.3	-	0.8
Other	(0.9)	-	(0.8)	(0.3)
Total	\$ 37.1	\$ 0.3	31.0 %	0.6 %

### Deferred Income Taxes

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



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December 31	2010	2009
	(millions)	
Current deferred income taxes		
Net operating loss carryforward	\$ -	\$ 30.4
Other	9.1	6.4
Net current deferred income tax asset before valuation allowance	9.1	36.8
Valuation allowance	(0.4)	(1.4)
Net current deferred income tax asset	8.7	35.4
Noncurrent deferred income taxes		
Plant related	(253.7)	(211.0)
Income taxes on future regulatory recoveries	(25.3)	(26.9)
Pension and postretirement benefits	(18.3)	(10.8)
SO <sub>2</sub> emission allowance sales	(2.7)	(4.1)
Fuel clause adjustments	(13.4)	(17.8)
Transition costs	(8.6)	(8.5)
Tax credit carryforwards	90.5	87.7
Long-term debt fair value adjustment	19.2	32.5
Customer demand programs	(6.0)	(2.7)
Net operating loss carryforward	408.0	351.7
Uncertain tax positions	(6.5)	(5.6)
Other	(8.8)	(3.8)
Net noncurrent deferred tax liability before valuation allowance	174.4	180.7
Valuation allowance	(24.0)	(26.1)
Net noncurrent deferred tax liability	150.4	154.6
Net deferred income tax liability	\$ 159.1	\$ 190.0

December 31	2010	2009
	(millions)	
Gross deferred income tax assets	\$ 525.9	\$ 547.2
Gross deferred income tax liabilities	(366.8)	(357.2)
Net deferred income tax liability	\$ 159.1	\$ 190.0

### Tax Credit Carryforwards

At December 31, 2010 and 2009, GMO had \$0.7 million of federal general business income tax credit carryforwards. These carryforwards relate primarily to Low Income Housing credits and expire in years 2021 to 2030. Due to federal limitations on the utilization of income tax attributes acquired in the GMO acquisition, management expects these credits to expire unutilized and has provided a valuation allowance against \$0.4 million of the federal income tax benefit.

At December 31, 2010 and 2009, GMO had \$89.8 million and \$87.0 million, respectively, of federal alternative minimum tax credit carryforwards. These credits do not expire and can be used to reduce taxes paid in the future.

### Net Operating Loss Carryforwards

At December 31, 2010 and 2009, GMO had \$354.7 million and \$330.6 million, respectively, of tax benefits related to federal net operating loss (NOL) carryforwards. The tax benefits for NOLs originating in 2003 are \$34.4 million, \$152.4 million originating in 2004, \$74.1 million originating in 2005, \$53.3 million originating in 2006, \$1.4 million originating in 2007, \$1.9 million originating in 2008 and \$37.2 million originating in 2009. The federal NOL carryforwards expire

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in years 2023 to 2030.

In addition, GMO also had deferred tax benefits of \$53.3 million and \$51.5 million related to state NOLs as of December 31, 2010 and 2009, respectively. Management does not expect to utilize \$24.0 million of NOLs in state tax jurisdictions where the Company does not expect to operate in the future. Therefore, a valuation allowance has been provided against \$24.0 million of state tax benefits.

### Valuation Allowances

GMO is required to assess the ultimate realization of deferred tax assets using a “more likely than not” assessment threshold. This assessment takes into consideration tax planning strategies within GMO’s control. As a result of this assessment, GMO has established a partial valuation allowance for federal and state tax NOL carryforwards, and tax credit carryforwards.

During 2010 and 2009, \$3.1 million of tax benefit and \$5.5 million of tax expense, respectively, on continuing operations was recorded and primarily relates to a portion of the valuation allowance against federal and state NOL carryforwards. The remaining valuation allowances against federal and state NOL carryforwards and tax credit carryforwards were recorded to goodwill.

### Uncertain Tax Positions

At December 31, 2010 and 2009, GMO had \$7.0 million and \$15.5 million, respectively, of liabilities related to unrecognized tax benefits. Of these amounts, \$3.3 million and \$2.8 million at December 31, 2010 and 2009, respectively, is expected to impact the effective tax rate if recognized. The \$8.5 million decrease in unrecognized tax benefits in 2010 is primarily due to a decrease of \$8.6 million of unrecognized tax benefits related to the sale of certain GMO property during 2010. The \$60.1 million decrease in unrecognized tax benefits in 2009 is primarily due to a decrease of \$74.5 million related to the Joint Committee on Taxation approval of the IRS audit for GMO's 2003-2004 tax years.

The following table reflects activity for GMO related to the liability for unrecognized tax benefits.

	2010	2009
	(millions)	
Balance at January 1	\$ 15.5	\$ 75.6
Additions for current year tax positions	-	8.6
Additions for prior year tax positions	0.5	5.8
Reductions for prior year tax positions	(9.0)	-
Settlements	-	(74.5)
Balance at December 31	\$ 7.0	\$ 15.5

GMO recognizes interest accrued related to unrecognized tax benefits in interest expense and penalties in non-operating expenses. Amounts accrued for interest and penalties with respect to unrecognized tax benefits were insignificant.

The IRS is currently auditing Great Plains Energy and its subsidiaries (including GMO) for the 2006-2008 tax years. GMO estimates that it is reasonably possible that \$3.7 million of unrecognized tax benefits may be recognized in the next twelve months due to statute expirations or settlement agreements with tax authorities.

GMO’s tax returns are included in Great Plains Energy’s consolidated federal income tax return as well as unitary and combined income tax returns in several state jurisdictions with Kansas and Missouri being the most significant. The Company also files separate company returns in certain other states.

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## 16. SEGMENTS AND RELATED INFORMATION

GMO has one reportable segment, Electric Utility. Other includes unallocated corporate charges, non-regulated operations and equity in earnings (losses) of subsidiaries. The following tables reflect summarized financial information concerning GMO's reportable segment.

	Electric Utility	Other	Total GMO
<b>2010</b>			
		(millions)	
Operating revenues	\$ 738.4	\$ -	\$ 738.4
Depreciation and amortization	(75.2)	-	(75.2)
Interest charges	(57.4)	(0.1)	(57.5)
Income tax (expense) benefit	(41.7)	4.6	(37.1)
Net income	72.1	10.5	82.6

	Electric Utility	Other	Total GMO
<b>2009</b>			
		(millions)	
Operating revenues	\$ 646.9	\$ -	\$ 646.9
Depreciation and amortization	(72.6)	-	(72.6)
Interest charges	(66.1)	(0.6)	(66.7)
Income tax (expense) benefit	(16.7)	16.4	(0.3)
Net income	28.9	16.6	45.5

## 17. JOINTLY OWNED ELECTRIC UTILITY PLANTS

GMO's share of jointly owned electric utility plants at December 31, 2010, is detailed in the following table.

	Iatan No. 1 Unit	Iatan No. 2 Unit	Iatan Common	Jeffrey Energy Center
		(millions, except MW amounts)		
GMO's share	18%	18%	18%	8%
Utility plant in service	\$ 124.8	\$ 309.4	\$ 71.8	\$ 151.1
Accumulated depreciation	43.6	2.5	2.2	74.8
Construction work in progress	8.9	0.9	8.9	6.4
2011 accredited capacity-MWs	127	153	NA	173

Each owner must fund its own portion of the plant's operating expenses and capital expenditures. GMO's share of direct expenses is included in the appropriate operating expense classifications in the financial statements.





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FOOTNOTE DATA			

**Schedule Page: 122(a)(b) Line No.: 10 Column: e**

Under ASC 715 "Compensation-Retirement Benefits," unamortized prior service costs and gains/losses for the pension and other post-retirement plans are recorded to accumulated other comprehensive income.

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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)	2,079,435,224		2,079,435,224	
4	Property Under Capital Leases	270,989,734		270,989,734	
5	Plant Purchased or Sold				
6	Completed Construction not Classified	643,597,117		643,597,117	
7	Experimental Plant Unclassified				
8	Total (3 thru 7)	2,994,022,075		2,994,022,075	
9	Leased to Others				
10	Held for Future Use	1,987,171		1,987,171	
11	Construction Work in Progress	79,912,603		79,912,603	
12	Acquisition Adjustments				
13	Total Utility Plant (8 thru 12)	3,075,921,849		3,075,921,849	
14	Accum Prov for Depr, Amort, & Depl	989,618,060		989,618,060	
15	Net Utility Plant (13 less 14)	2,086,303,789		2,086,303,789	
16	Detail of Accum Prov for Depr, Amort & Depl				
17	In Service:				
18	Depreciation	981,445,499		981,445,499	
19	Amort & Depl of Producing Nat Gas Land/Land Right				
20	Amort of Underground Storage Land/Land Rights				
21	Amort of Other Utility Plant	8,172,561		8,172,561	
22	Total In Service (18 thru 21)	989,618,060		989,618,060	
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)	989,618,060		989,618,060	

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SUMMARY OF UTILITY PLANT AND ACCUMULATED PROVISIONS FOR DEPRECIATION, AMORTIZATION AND DEPLETION					
Gas (d)	Other (Specify) (e)	Other (Specify) (f)	Other (Specify) (g)	Common (h)	Line No.
					1
					2
					3
					4
					5
					6
					7
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					9
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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				
4	Allowance for Funds Used during Construction				
5	(Other Overhead Construction Costs, provide details in footnote)				
6	SUBTOTAL (Total 2 thru 5)				
7	Nuclear Fuel Materials and Assemblies				
8	In Stock (120.2)				
9	In Reactor (120.3)				
10	SUBTOTAL (Total 8 & 9)				
11	Spent Nuclear Fuel (120.4)				
12	Nuclear Fuel Under Capital Leases (120.6)				
13	(Less) Accum Prov for Amortization of Nuclear Fuel Assem (120.5)				
14	TOTAL Nuclear Fuel Stock (Total 6, 10, 11, 12, less 13)				
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)				

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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
					3
					4
					5
					6
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**ELECTRIC PLANT IN SERVICE (Account 101, 102, 103 and 106)**

- Report below the original cost of electric plant in service according to the prescribed accounts.
- 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.
- Include in column (c) or (d), as appropriate, corrections of additions and retirements for the current or preceding year.
- 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.
- Enclose in parentheses credit adjustments of plant accounts to indicate the negative effect of such accounts.
- 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)

Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)
1	1. INTANGIBLE PLANT		
2	(301) Organization	96,664	
3	(302) Franchises and Consents		
4	(303) Miscellaneous Intangible Plant	22,271,400	1,348,654
5	TOTAL Intangible Plant (Enter Total of lines 2, 3, and 4)	22,368,064	1,348,654
6	2. PRODUCTION PLANT		
7	A. Steam Production Plant		
8	(310) Land and Land Rights	1,054,487	
9	(311) Structures and Improvements	94,678,027	38,757,913
10	(312) Boiler Plant Equipment	569,342,503	255,563,137
11	(313) Engines and Engine-Driven Generators		
12	(314) Turbogenerator Units	106,067,736	32,106,357
13	(315) Accessory Electric Equipment	37,752,623	8,284,947
14	(316) Misc. Power Plant Equipment	6,357,635	1,995,572
15	(317) Asset Retirement Costs for Steam Production	1,996,546	
16	TOTAL Steam Production Plant (Enter Total of lines 8 thru 15)	817,249,557	336,707,926
17	B. Nuclear Production Plant		
18	(320) Land and Land Rights		
19	(321) Structures and Improvements		
20	(322) Reactor Plant Equipment		
21	(323) Turbogenerator Units		
22	(324) Accessory Electric Equipment		
23	(325) Misc. Power Plant Equipment		
24	(326) Asset Retirement Costs for Nuclear Production		
25	TOTAL Nuclear Production Plant (Enter Total of lines 18 thru 24)		
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	1,767,208	
38	(341) Structures and Improvements	25,082,615	198,425
39	(342) Fuel Holders, Products, and Accessories	11,808,250	-22,260
40	(343) Prime Movers	194,237,164	21,706
41	(344) Generators	54,558,485	1,503,845
42	(345) Accessory Electric Equipment	38,453,148	-1,726
43	(346) Misc. Power Plant Equipment	4,334,748	48,323
44	(347) Asset Retirement Costs for Other Production	125,497	
45	TOTAL Other Prod. Plant (Enter Total of lines 37 thru 44)	330,367,115	1,748,313
46	TOTAL Prod. Plant (Enter Total of lines 16, 25, 35, and 45)	1,147,616,672	338,456,239

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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	16,859,695	184,124		
49	(352) Structures and Improvements	7,949,690	284,268		
50	(353) Station Equipment	116,310,502	11,383,142		
51	(354) Towers and Fixtures	323,639			
52	(355) Poles and Fixtures	89,785,527	5,698,281		
53	(356) Overhead Conductors and Devices	57,808,644	2,426,881		
54	(357) Underground Conduit	16,148			
55	(358) Underground Conductors and Devices	90,118			
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)	289,143,963	19,976,696		
59	4. DISTRIBUTION PLANT				
60	(360) Land and Land Rights	6,004,889			
61	(361) Structures and Improvements	10,542,609	477,136		
62	(362) Station Equipment	148,348,430	4,723,334		
63	(363) Storage Battery Equipment				
64	(364) Poles, Towers, and Fixtures	173,458,883	8,678,721		
65	(365) Overhead Conductors and Devices	125,037,928	8,443,385		
66	(366) Underground Conduit	49,923,777	3,007,995		
67	(367) Underground Conductors and Devices	123,834,877	8,249,728		
68	(368) Line Transformers	189,658,999	7,187,161		
69	(369) Services	80,748,735	-1,998,875		
70	(370) Meters	35,669,974	1,313,066		
71	(371) Installations on Customer Premises	19,345,239	1,015,905		
72	(372) Leased Property on Customer Premises				
73	(373) Street Lighting and Signal Systems	36,177,731	1,921,146		
74	(374) Asset Retirement Costs for Distribution Plant				
75	TOTAL Distribution Plant (Enter Total of lines 60 thru 74)	998,752,071	43,018,702		
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	1,740,743	2,060		
87	(390) Structures and Improvements	37,008,813	8,781		
88	(391) Office Furniture and Equipment	44,001,204	511,302		
89	(392) Transportation Equipment	18,491,691	1,322,899		
90	(393) Stores Equipment	191,313			
91	(394) Tools, Shop and Garage Equipment	6,167,975	118,344		
92	(395) Laboratory Equipment	3,030,138	120,726		
93	(396) Power Operated Equipment	4,349,297	1,686,006		
94	(397) Communication Equipment	15,268,694	20,709,918		
95	(398) Miscellaneous Equipment	280,371	23,202		
96	SUBTOTAL (Enter Total of lines 86 thru 95)	130,530,239	24,503,238		
97	(399) Other Tangible Property				
98	(399.1) Asset Retirement Costs for General Plant	29,947			
99	TOTAL General Plant (Enter Total of lines 96, 97 and 98)	130,560,186	24,503,238		
100	TOTAL (Accounts 101 and 106)	2,588,440,956	427,303,529		
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)	2,588,440,956	427,303,529		



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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		
			17,043,819		48		
31,532			8,202,426		49		
40,394		-723,734	126,929,516		50		
			323,639		51		
80,072			95,403,736		52		
16,403			60,219,122		53		
			16,148		54		
			90,118		55		
					56		
					57		
168,401		-723,734	308,228,524		58		
					59		
			6,004,889		60		
20,118		-3,883	10,995,744		61		
244,776		280,342	153,107,330		62		
					63		
305,227			181,832,377		64		
683,703		576,518	133,374,128		65		
93,342		-69,937	52,768,493		66		
995,842		105,278	131,194,041		67		
866,177		-612,764	195,367,219		68		
23,037			78,726,823		69		
546,020		99	36,437,119		70		
39,358			20,321,786		71		
					72		
1,175,354		806	36,924,329		73		
					74		
4,992,954		276,459	1,037,054,278		75		
					76		
					77		
					78		
					79		
					80		
					81		
					82		
					83		
					84		
					85		
			1,742,803		86		
1,307,425		13,063	35,723,232		87		
5,688,667		338,683	39,162,522		88		
504,682			19,309,908		89		
			191,313		90		
5,528			6,280,791		91		
17,299			3,133,565		92		
485,839			5,549,464		93		
3,570,221		27,849	32,436,240		94		
6,931			296,642		95		
11,586,592		379,595	143,826,480		96		
					97		
			29,947		98		
11,586,592		379,595	143,856,427		99		
21,665,589		-56,821	2,994,022,075		100		
					101		
					102		
					103		
21,665,589		-56,821	2,994,022,075		104		

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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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					
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11					
12					
13					
14					
15					
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41					
42					
43					
44					
45					
46					
47	TOTAL				

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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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	Land purchased in Sedalia (Pettis County, MO)	2007	Unknown	1,936,059
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21	Other Property:			
22				
23	Improvements at latan Plant	2001		43,895
24	(L&P has 18% ownership in this facility)			
25	Improvements at latan Plant	2002		7,217
26	(L&P has 18% ownership in this facility)			
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
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41				
42				
43				
44				
45				
46				
47	Total			1,987,171



Name of Respondent KCP&L Greater Missouri Operations Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of <u>2010/Q4</u>
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	Upgrade Cole Camp 69/34KV Transformer				1,819,683
2	Rewind Lake Road 161/34KV Transformer				1,507,034
3	Midway 161KV Line Tap ROW				1,562,290
4	161/34KV Transformer - Edmond Street Substation #391				5,179,337
5	Replace 161/34KV Transformer - Substation #399				1,091,364
6	DSI and Condition Assessment Software - SJLP				2,623,130
7	161/12KV Transformer - Liberty West				1,342,109
8	DSI and Condition Assessment Software - MOPUB				3,209,637
9	Iatan Unit 1 - Miscellaneous Capital Project				17,671,383
10	JEC Water Supply Upgrades				1,171,158
11	JEC Rebuild Electrostatic Precipitator Phase 1				1,486,991
12	Landfill Gas Turbine Site				1,299,454
13	Landfill Expansion				3,176,593
14	Sibley Unit 3 Catalyst				1,094,275
15	Misc Projects Under \$1,000,000				35,678,165
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43	TOTAL				79,912,603

**ACCUMULATED PROVISION FOR DEPRECIATION OF ELECTRIC UTILITY PLANT (Account 108)**

1. Explain in a footnote any important adjustments during year.
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.
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.
4. Show separately interest credits under a sinking fund or similar method of depreciation accounting.

**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	930,926,519	930,926,519		
2	Depreciation Provisions for Year, Charged to				
3	(403) Depreciation Expense	72,635,710	72,635,710		
4	(403.1) Depreciation Expense for Asset Retirement Costs	69,092	69,092		
5	(413) Exp. of Elec. Plt. Leas. to Others				
6	Transportation Expenses-Clearing	2,043,074	2,043,074		
7	Other Clearing Accounts				
8	Other Accounts (Specify, details in footnote):				
9					
10	TOTAL Deprec. Prov for Year (Enter Total of lines 3 thru 9)	74,747,876	74,747,876		
11	Net Charges for Plant Retired:				
12	Book Cost of Plant Retired	21,743,655	21,743,655		
13	Cost of Removal	6,751,656	6,751,656		
14	Salvage (Credit)	1,085,886	1,085,886		
15	TOTAL Net Chrgs. for Plant Ret. (Enter Total of lines 12 thru 14)	27,409,425	27,409,425		
16	Other Debit or Cr. Items (Describe, details in footnote):	3,180,529	3,180,529		
17					
18	Book Cost or Asset Retirement Costs Retired				
19	Balance End of Year (Enter Totals of lines 1, 10, 15, 16, and 18)	981,445,499	981,445,499		

**Section B. Balances at End of Year According to Functional Classification**

20	Steam Production	339,886,974	339,886,974		
21	Nuclear Production				
22	Hydraulic Production-Conventional				
23	Hydraulic Production-Pumped Storage				
24	Other Production	102,790,502	102,790,502		
25	Transmission	104,444,992	104,444,992		
26	Distribution	405,389,203	405,389,203		
27	Regional Transmission and Market Operation				
28	General	28,933,828	28,933,828		
29	TOTAL (Enter Total of lines 20 thru 28)	981,445,499	981,445,499		

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) 04/15/2011	Year/Period of Report 2010/Q4
KCP&L Greater Missouri Operations Company			
FOOTNOTE DATA			

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

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

Book Cost of plant retired - line 12 is greater than retirements listed on page 207 column (d) line 104 as follows:

Retirement of plant held for future use in plant account 340 and included on page 219 only.	\$ 78,066
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**Schedule Page: 219 Line No.: 16 Column: c**

Schedule Page 219: Line No.: 16 Column c

Loss on sale of land held for future use - Sedalia	\$ 53,524
Transfer Blue Springs Service Center reserve from Utility to Non-Utility.	(2,722)
Accounting Order (AAO) Sibley depreciation expense charged from a regulated asset account.	(79,296)
Accounting Order (AAO) Iatan Unit 1 and Common depreciation expense charged to a regulated asset account.	926,160
Accounting Order (AAO) Iatan Unit 2 depreciation expense charged to a regulated asset account.	2,295,208
Adjustment for Iatan reserve, which is recorded in account 111.	(12,345)
Total	\$ 3,180,529

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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	MPS Canada Holdings, Inc.	03/01/1993		-62,649,438
2	MPS Merchant Services, Inc.	12/20/1985		-492,225,374
3	SJLP Inc.	12/31/2000		2,275,726
4	Trans MPS, Inc.	03/06/1986		-340,540,643
5	MPS Finance Corp.	08/05/1988		3,597,317
6	MPS Colorado, LLC	02/01/2007		1,747
7	GMO Receivables Company	06/25/2009		18,337
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
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27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42	Total Cost of Account 123.1 \$	0	TOTAL	-889,522,328

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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.
-21,627		-62,671,065		1
2,553,158		-489,672,216		2
-31,526		2,244,200		3
-4,806		-340,545,449		4
104,834		3,702,151		5
-1,747				6
-10,137		8,201		7
				8
				9
				10
				11
				12
				13
				14
				15
				16
				17
				18
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				30
				31
				32
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				41
2,588,149		-886,934,178		42

Name of Respondent KCP&L Greater Missouri Operations Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of <u>2010/Q4</u>
<b>MATERIALS AND SUPPLIES</b>					
<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)	29,482,597	32,822,798		
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)	11,302,029	11,936,494		
6	Assigned to - Operations and Maintenance				
7	Production Plant (Estimated)	16,521,861	18,828,515		
8	Transmission Plant (Estimated)	20,199	67,257		
9	Distribution Plant (Estimated)	1,049,971	1,007,331		
10	Regional Transmission and Market Operation Plant (Estimated)				
11	Assigned to - Other (provide details in footnote)				
12	TOTAL Account 154 (Enter Total of lines 5 thru 11)	28,894,060	31,839,597		
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)	7,628,747	6,555,462		
17					
18					
19					
20	TOTAL Materials and Supplies (Per Balance Sheet)	66,005,404	71,217,857		

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) 04/15/2011	Year/Period of Report 2010/Q4
KCP&L Greater Missouri Operations Company			
FOOTNOTE DATA			

**Schedule Page: 227 Line No.: 5 Column: b**

Per Docket No. ER10-230-000, FERC transmission formula rate, additional detail for materials and supplies assigned to construction has been provided below:

Assigned to Construction (Estimated)	2009	2010
Production Plant (Estimated)	664,044	451,711
Transmission Plant (Estimated)	3,788,786	1,467,283
Distribution Plant (Estimated)	6,849,199	10,017,500
Total	11,302,029	11,936,494

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of <u>2010/Q4</u>
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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.	SO2 Allowances Inventory (Account 158.1) (a)	Current Year		2011	
		No. (b)	Amt. (c)	No. (d)	Amt. (e)
1	Balance-Beginning of Year	23,927.00	9,890,017	9,413.00	
2					
3	Acquired During Year:				
4	Issued (Less Withheld Allow)				
5	Returned by EPA	268.00			
6					
7					
8	Purchases/Transfers:				
9	Kansas City Power & Light	2,890.00			
10	Westar	3,985.00			
11					
12					
13					
14					
15	Total	6,875.00			
16					
17	Relinquished During Year:				
18	Charges to Account 509	21,820.00	2,452,685		
19	Other:				
20					
21	Cost of Sales/Transfers:				
22	Nebraska Public Pwr Dist	2,425.00			
23					
24					
25					
26					
27					
28	Total	2,425.00			
29	Balance-End of Year	6,825.00	7,437,332	9,413.00	
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	268.00		268.00	
37	Add: Withheld by EPA				
38	Deduct: Returned by EPA				
39	Cost of Sales	268.00			
40	Balance-End of Year			268.00	
41					
42	Sales:				
43	Net Sales Proceeds (Assoc. Co.)				
44	Net Sales Proceeds (Other)		5,292		
45	Gains				
46	Losses				



Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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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.

2012		2013		Future Years		Totals		Line No.
No. (f)	Amt. (g)	No. (h)	Amt. (i)	No. (j)	Amt. (k)	No. (l)	Amt. (m)	
9,413.00		9,413.00		244,580.00		296,746.00	9,890,017	1
								2
								3
				9,413.00		9,413.00		4
						268.00		5
								6
								7
								8
						2,890.00		9
						3,985.00		10
								11
								12
								13
								14
						6,875.00		15
								16
								17
						21,820.00	2,452,685	18
								19
								20
								21
						2,425.00		22
								23
								24
								25
								26
								27
						2,425.00		28
9,413.00		9,413.00		253,993.00		289,057.00	7,437,332	29
								30
								31
								32
								33
								34
								35
268.00		268.00		6,968.00		8,040.00		36
				268.00		268.00		37
								38
						268.00		39
268.00		268.00		7,236.00		8,040.00		40
								41
								42
								43
							5,292	44
								45
								46

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

The allowances relinquished in 2010 include 57 allowances relinquished in 2009.

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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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		2011	
		No. (b)	Amt. (c)	No. (d)	Amt. (e)
1	Balance-Beginning of Year	5,391.00	1,040	4,641.00	
2					
3	Acquired During Year:				
4	Issued (Less Withheld Allow)				
5	Returned by EPA				
6					
7					
8	Purchases/Transfers:				
9	Kansas City Power & Light	472.00			
10	Virginia Electric & Power	300.00	15,000		
11	American Electric Power	310.00	43,538		
12					
13					
14					
15	Total	1,082.00	58,538		
16					
17	Relinquished During Year:				
18	Charges to Account 509	6,352.00	58,538		
19	Other:				
20					
21	Cost of Sales/Transfers:				
22					
23					
24					
25					
26					
27					
28	Total				
29	Balance-End of Year	121.00	1,040	4,641.00	
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				

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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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.

2012		2013		Future Years		Totals		Line No.
No. (f)	Amt. (g)	No. (h)	Amt. (i)	No. (j)	Amt. (k)	No. (l)	Amt. (m)	
4,641.00		4,641.00		4,641.00		23,955.00	1,040	1
								2
								3
								4
								5
								6
								7
								8
						472.00		9
						300.00	15,000	10
						310.00	43,538	11
								12
								13
								14
						1,082.00	58,538	15
								16
								17
						6,352.00	58,538	18
								19
								20
								21
								22
								23
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								26
								27
								28
4,641.00		4,641.00		4,641.00		18,685.00	1,040	29
								30
								31
								32
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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) 04/15/2011	Year/Period of Report 2010/Q4
KCP&L Greater Missouri Operations Company			
FOOTNOTE DATA			

**Schedule Page: 229 Line No.: 9 Column: b**

Annual allowances	284
Seasonal Allowances	188
	472

**Schedule Page: 229 Line No.: 10 Column: b**

Seasonal allowances

**Schedule Page: 229 Line No.: 11 Column: b**

Annual allowances

Name of Respondent KCP&L Greater Missouri Operations Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of <u>2010/Q4</u>	
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						
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19						
20	TOTAL					

Name of Respondent KCP&L Greater Missouri Operations Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2011		Year/Period of Report End of 2010/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							
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48							
49	TOTAL						

Name of Respondent KCP&L Greater Missouri Operations Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
Transmission Service and Generation Interconnection Study Costs					
1. Report the particulars (details) called for concerning the costs incurred and the reimbursements received for performing transmission service and generator interconnection studies. 2. List each study separately. 3. In column (a) provide the name of the study. 4. In column (b) report the cost incurred to perform the study at the end of period. 5. In column (c) report the account charged with the cost of the study. 6. In column (d) report the amounts received for reimbursement of the study costs at end of period. 7. In column (e) report the account credited with the reimbursement received for performing the study.					
Line No.	Description (a)	Costs Incurred During Period (b)	Account Charged (c)	Reimbursements Received During the Period (d)	Account Credited With Reimbursement (e)
1	<b>Transmission Studies</b>				
2	None				
3					
4					
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21	<b>Generation Studies</b>				
22	Facility Study-SPP Gen-2007-053	870	186100	870	143100
23	Facility Study-SPP Gen-2008-129	1,725	186100	1,725	143100
24					
25					
26	Note:				
27	Amounts represent YTD2010 activity				
28					
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40					



Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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	Jeffrey Energy Center Common Plant - Land and Other					
2	Amortize 27.5 years 06/1984 - 12/2011	131,460		426	65,730	65,730
3						
4						
5	Costs Deferred Under Electric 1989 AAO					
6	Sibley Rebuild and Western Coal Conversion					
7	Amortize 20 years 10/1990 - 10/2010	190,442		Various	163,354	27,088
8						
9						
10	Costs Deferred Under Electric 1992 AAO					
11	Sibley Rebuild and Western Coal Conversion					
12	Amortize 20 years 07/1993 - 06/2013	512,893		Various	146,556	366,337
13						
14						
15	Missouri Case ER-2007-0004:					
16	Deferred costs associated with the 2007					
17	electric rate case preparation and presentation					
18	to the Missouri Public Service Commission to be					
19	amortized for 3 years beginning June 1, 2007	90,322		928	90,322	
20						
21						
22	Acctg. for Income Taxes - ASC 740 Impact on					
23	Rate Regulated Enterprises	25,449,298	2,466,078			27,915,376
24						
25						
26	Asset Retirement Obligations - ASC 410	11,934,424	853,966			12,788,390
27						
28						
29	Case No. ER-2005-0436:					
30	Mark to Market Hedge	2,080,967	1,055,000			3,135,967
31						
32						
33	L&P Merger Transition Costs					
34	Amortize 10 years 03/2006-02/2016	3,058,459		920, 926	495,967	2,562,492
35						
36						
37	Pension & OPEB costs deferred in accordance					
38	with Missouri Case No. ER-2009-0090	84,481,303	24,449,815	926	2,224,512	106,706,606
39						
40						
41	Missouri Case No. ER-2009-0090 and HR-2009-0092:					
42	MPS and L&P electric Fuel Adjustment Clause &					
43	L&P Steam Quarterly Cost Adjustment	47,518,655			10,387,334	37,131,321
44	TOTAL	212,377,615	49,445,012		15,516,700	246,305,927

Name of Respondent KCP&L Greater Missouri Operations Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2011		Year/Period of Report End of 2010/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. EU-2008-0233:						
2	Deferred costs associated with L&P ice storm damage						
3	to be amortized over 5 years beginning						
4	January 1, 2008	4,768,309		405	1,589,436	3,178,873	
5							
6							
7	Missouri Case No. ER-2009-0090:						
8	Deferred costs associated with the 2008						
9	electric rate case preparation and presentation						
10	to the Missouri Public Service Commission						
11	to be amortized over 2 years beginning						
12	September 1, 2009	390,177		928	234,106	156,071	
13							
14							
15	Missouri Case No. EM-2007-0374:						
16	Missouri jurisdictional transition costs for Great						
17	Plains Energy's acquisition of Aquila	22,227,786	265,853			22,493,639	
18							
19							
20	Missouri Case No. ER-2007-0374:						
21	Represents the deferred costs for the energy						
22	efficiency and affordability programs. Each						
23	vintage will be amortized over 10 years.	7,085,102	8,595,073	908	119,383	15,560,792	
24							
25							
26	Missouri Case No. ER-2009-0090:						
27	Missouri jurisdictional difference between						
28	allowed rate base and financial costs						
29	booked for Iatan 1 and Iatan Common	1,380,645	2,959,752			4,340,397	
30							
31							
32	Missouri Case No. ER-2010-0356:						
33	Deferred costs associated with the 2010						
34	rate case preparation and presentation						
35	to the Missouri Public Service Commission	1,056,579	2,121,146			3,177,725	
36							
37							
38	Missouri Case No. ER-2009-0090:						
39	Deferred 50% cost of the Economic Relief Pilot						
40	Program until the next general rate case, with						
41	cost recovery determined at that time	20,794	213,043			233,837	
42							
43							
44	TOTAL	212,377,615	49,445,012		15,516,700	246,305,927	

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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	Balance at Beginning of Current Quarter/Year	Debits	CREDITS		Balance at end of Current Quarter/Year
				Written off During the Quarter/Year Account Charged	Written off During the Period Amount	
(a)	(b)	(c)	(d)	(e)	(f)	
1	Missouri Case No. EU-2011-0034:					
2	Deferred costs associated with the latan 2					
3	project, Construction Accounting until the					
4	effective date of approved rates		6,465,286			6,465,286
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44	TOTAL	212,377,615	49,445,012		15,516,700	246,305,927

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	Goodwill	168,969,590				168,969,590
2	Min Lease Payment Receivable	1,869,751	91,633	456, 567	155,009	1,806,375
3	Heat Pump Loans	4,936,698	49,146,729	142	50,699,311	3,384,116
4	CWIP/RWIP Non-Utility	456,631	40,444,207	various	40,901,941	-1,103
5	Iatan Unclassified Inventory		878,306	154	873,227	5,079
6	Miscellaneous	-29,252	377,390	various	326,527	21,611
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46						
47	Misc. Work in Progress					
48	Deferred Regulatory Comm. Expenses (See pages 350 - 351)					
49	TOTAL	176,203,418				174,185,668

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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**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	57,513,452	28,203,447
3	Accumulated Deferred Income Taxes - State	9,008,131	4,417,407
4			
5			
6			
7	Other		
8	TOTAL Electric (Enter Total of lines 2 thru 7)	66,521,583	32,620,854
9	Gas		
10			
11			
12			
13			
14			
15	Other		
16	TOTAL Gas (Enter Total of lines 10 thru 15)		
17	Other (Specify)	421,702,224	474,712,681
18	TOTAL (Acct 190) (Total of lines 8, 16 and 17)	488,223,807	507,333,535

**Notes**

The balance at end of year presented under the "Other" category reflects deferred tax assets related to the Federal and State NOLs, AMT Liability, Valuation Allowance and other activity recorded as other income or deductions.

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) 04/15/2011	Year/Period of Report 2010/Q4
KCP&L Greater Missouri Operations Company			
FOOTNOTE DATA			

**Schedule Page: 234 Line No.: 18 Column: c**

This footnote provides additional details for use in the FERC transmission formula rate, Docket No. ER10-230-000.

**KCP&L Greater Missouri Operations Company**

**ADIT- Account 190**

	2010 YE Balance
190200 Accumulated Deferred Income Taxes	
Accrued Maintenance	5,436,189
Accrued Property Taxes	2,102
Accrued Sales Tax	334,059
Accrued Severance	28,093
Accrued Franchise Taxes	0
Amortization of CIAC	1,677,413
Bad Debts	442,685
Customer Advances	1,737,182
Deferred Compensation	321,985
Emission Allowance Proceeds	204,498
FIN48	256,798
Injuries & Damages Reserve	2,760,020
LTD Fair Value Adjustment	19,160,320
NOL - Current	0
Other Accruals	424,751
Rail Car Leases - JEC	36,865
Regulated Liability ECA/FCA/QCA	0
Sublease - Everest	719,696
Unamortized Debt Expense	783,932
Unamortized Discount Adjustment	216,432
190201 Current Deferred State Asset Valuation Allowance	(450,000)
190300 Non Current Federal NOL Benefits	354,711,788
190301 Non Current State NOL Benefits	53,311,594
190350 Tax Valuation Allowance	(23,956,875)
190500 AMT and GBC Credit Carryforward	90,534,488
190601 FAS 109	(1,360,480)
<b>Total - Page 234, Col. (c), Line 18</b>	<b>507,333,535</b>

**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	Account 201 - Common Stock	1,000	0.01	
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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)	
10						1
						2
						3
						4
						5
						6
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Name of Respondent KCP&L Greater Missouri Operations Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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	Account 208 - Donation received from Stockholders				
2					
3	Account 209 - Reduction in Par of Stated Value of Capital Stock				
4					
5	Account 210 - Gain on Resale or Cancellation of Reacquired Capital Stk				
6					
7	Account 211 - Miscellaneous Paid-In Capital - December 31, 2009				1,276,949,287
8	Equity Contribution				
9	Subtotal - Balance at December 31, 2010				1,276,949,287
10					
11					
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40	TOTAL				1,276,949,287

Name of Respondent KCP&L Greater Missouri Operations Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of <u>2010/Q4</u>
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					
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11					
12					
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20					
21					
22	TOTAL				

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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	Senior Notes, 8.27% Series	131,750,000	3,591,143
2	Senior Notes, 11.875% Series	500,000,000	9,365,205
3	Senior Notes, 7.95% Series	250,000,000	1,880,959
4	SJLP Unsecured Medium Term Notes, 7.16% Series	9,000,000	490,738
5	SJLP Unsecured Medium Term Notes, 7.17% Series	7,000,000	382,259
6	SJLP Unsecured Medium Term Notes, 7.33% Series	3,000,000	163,606
7	UCFC Senior Notes, 7.75%	200,000,000	17,357,512
8	Fair Value Adjustment, Sr Notes, 11.875%	119,100,000	
9	Fair Value Adjustment, UCFC Sr Notes, 7.75%	14,200,000	
10	Total Long Term Debt - Account 224	1,234,050,000	33,231,422
11			
12	Pollution Control Bonds	7,300,000	422,982
13	Environmental Improvement Bonds	5,000,000	111,563
14	SJLP First Mortgage Bond, 9.44% Series	22,500,000	664,653
15	SJLP Unsecured Pollution Control Bonds, 5.85% Series	5,600,000	913,838
16	Total - Account 221	40,400,000	2,113,036
17			
18	Affiliated Senior Notes, 3.89%	248,760,000	
19	Total - Account 223	248,760,000	
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33	TOTAL	1,523,210,000	35,344,458

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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)			
03-31-99	11-15-21	03-31-99	11-15-21	80,850,000	6,686,295	1
07-03-02	07-01-12	07-03-02	07-01-12	500,000,000	59,375,000	2
02-01-01	02-01-11	02-01-01	02-01-11	137,310,000	10,916,145	3
11-30-93	11-29-13	11-30-93	11-29-13	6,000,000	429,600	4
12-06-93	12-01-23	12-06-93	12-01-23	7,000,000	501,900	5
11-30-93	11-30-23	11-30-93	11-30-23	3,000,000	219,900	6
06-20-01	06-15-11	06-20-01	06-15-11	197,000,000	15,267,500	7
07-14-08	07-01-12			47,579,997	-29,720,000	8
07-14-08	06-15-11			2,316,671	-4,920,219	9
				981,056,668	58,756,121	10
						11
03-01-96	03-01-26	03-01-96	03-01-26	7,300,000	20,010	12
05-26-93	05-01-28	05-26-93	05-01-28	5,000,000	68,376	13
11-25-91	02-01-21	11-25-91	02-01-21	12,375,000	1,177,050	14
06-04-95	02-01-13	06-04-95	02-01-13	5,600,000	327,600	15
				30,275,000	1,593,036	16
						17
08-13-10	08-15-13			248,760,000	3,709,426	18
				248,760,000	3,709,426	19
						20
						21
						22
						23
						24
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				1,260,091,668	64,058,583	33

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) 04/15/2011	Year/Period of Report 2010/Q4
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FOOTNOTE DATA			

**Schedule Page: 256 Line No.: 20 Column: i**

Great Plains Energy  
FERC Form 1 Footnote  
December 31, 2010

The FERC transmission formula rate uses Great Plains Energy's Long-Term Debt interest, Preferred Dividends and Capital Structure component, per Docket 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
01/31/10	20,878,370	387,432	36,647	0	0
02/28/10	20,868,562	387,432	36,647	0	0
03/31/10	20,862,827	387,432	36,647	0	0
04/30/10	20,837,716	392,099	36,647	0	0
05/31/10	20,842,912	387,664	36,647	0	0
06/30/10	20,830,651	387,703	36,647	0	0
07/31/10	20,825,642	387,707	36,647	0	0
08/31/10	21,361,782	810,024	36,647	0	0
09/30/10	21,489,837	634,199	54,817	0	0
10/31/10	21,609,705	644,222	54,817	0	0
11/30/10	21,594,527	641,768	54,818	0	0
12/31/10	21,531,609	642,066	54,818	0	0
Total	253,534,140	6,089,748	512,446	0	0

**Preferred Dividends**

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

**Capital Structure Components**

Date	Adjusted 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
12/31/09	3,128,426,193	1,345,106	39,000,000	2,832,720,025	(5,493,261)	(44,871,932)	1,165,599
01/31/10	3,128,443,626	1,345,106	39,000,000	2,860,754,465	(5,701,211)	(44,604,428)	1,165,599
02/28/10	3,127,336,058	1,345,106	39,000,000	2,840,022,272	(7,134,614)	(44,099,053)	1,165,599
03/31/10	2,990,043,490	138,655,106	39,000,000	2,837,202,074	(7,134,614)	(48,191,685)	1,165,599
04/30/10	2,990,060,922	138,655,106	39,000,000	2,839,538,262	(7,134,614)	(47,649,997)	1,174,971
05/31/10	2,990,078,355	138,655,106	39,000,000	2,829,077,329	(8,052,389)	(47,399,385)	1,174,971
06/30/10	2,793,095,788	335,655,106	39,000,000	2,876,755,317	(8,333,025)	(55,457,584)	1,174,971
07/31/10	2,793,113,220	335,655,106	39,000,000	2,936,180,183	(8,580,663)	(54,942,200)	1,188,095
08/31/10	3,043,018,846	335,655,106	39,000,000	2,964,904,232	(8,607,681)	(55,194,138)	1,188,095
09/30/10	3,042,700,179	335,774,294	39,000,000	2,982,480,651	(8,607,681)	(59,770,497)	1,188,095

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) 04/15/2011	Year/Period of Report 2010/Q4
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FOOTNOTE DATA			

10/31/10	3,042,720,806	335,774,294	39,000,000	2,955,682,820	(8,858,635)	(59,170,483)	1,250,843
11/30/10	3,042,741,433	335,774,294	39,000,000	2,958,478,995	(8,858,635)	(58,567,427)	1,200,843
12/31/10	2,892,762,060	485,774,294	39,000,000	2,950,917,508	(8,858,635)	(56,119,251)	1,214,213
13 Month Ave	3,000,349,306	224,620,241	39,000,000	2,897,285,703	(7,796,589)	(52,002,928)	1,185,961

**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)	82,600,274
2		
3		
4	Taxable Income Not Reported on Books	
5	See attached footnote	6,865,883
6		
7		
8		
9	Deductions Recorded on Books Not Deducted for Return	
10	See attached footnote	69,245,270
11		
12		
13		
14	Income Recorded on Books Not Included in Return	
15	See attached footnote	-6,756,434
16		
17		
18		
19	Deductions on Return Not Charged Against Book Income	
20	See attached footnote	-177,323,555
21		
22		
23		
24		
25		
26		
27	Federal Tax Net Income	-25,368,562
28	Show Computation of Tax:	
29	Federal Tax @ 35%	-8,878,997
30	R & D Tax Credit	-36,192
31	Federal Impact of Audit Settlements, Return to Accrual and Other Adjs.	19,964,564
32		
33	Total Federal Tax	11,049,375
34		
35	Federal Tax Provision	
36	Page 114, line 15, Account 409.1	6,932,297
37	Page 117, line 53, Account 409.2	4,117,078
38		
39	Total Federal Tax Provision	11,049,375
40		
41		
42	Note: Positive amounts add to book income;	
43	Negative amounts subtract from book income	
44		

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) 04/15/2011	Year/Period of Report 2010/Q4
KCP&L Greater Missouri Operations Company			
FOOTNOTE DATA			

**Schedule Page: 261 Line No.: 5 Column: b**

Taxable Income Not Reported on Books	
Contributions in Aid of Construction	5,937,961
Other Income	927,922
Total	<u><b>6,865,883</b></u>

**Schedule Page: 261 Line No.: 10 Column: b**

Deductions Recorded on Books Not Deducted for Return	
Accrued Sales Tax Reserve	121,508
Amortization of Debt Retirement Premium	506,450
Amortization of Deferred Accounting Order Costs	230,614
Amortization of Emission Allowances, Net of Sale Proceeds	2,174,022
Amortization of Ice Storm Deferrals	1,589,436
Amortization of JEC Plant	65,730
Amortization of Other Deferred Assets	495,967
Asset Impairment	3,809,582
Current State Impact of Return to Accrual and Other True-up Adjustments	1,728,816
Fuel Clause Adjustment	11,531,617
Gain on Sale of Assets	603,485
Injuries and Damages	4,393,758
Low Income Housing Transactions	637,581
Maintenance Reserve	1,725,033
Nondeductible Meals & Entertainment	99,783
Nondeductible Penalties	247,012
Other Post Employment Benefits	1,555,558
Other Reserve	7,394
Political Activities and Club Dues	181,316
Provision for Deferred Taxes (Total) & Current Federal Income Tax	37,540,608
Total	<u><b>69,245,270</b></u>

**Schedule Page: 261 Line No.: 15 Column: b**

Income Recorded on Books Not Included in Return	
AFUDC Equity	(4,121,204)
COLI Benefits	(47,080)
Equity Earnings	(2,588,150)
Total	<u><b>(6,756,434)</b></u>



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KCP&L Greater Missouri Operations Company			
FOOTNOTE DATA			

**Schedule Page: 261 Line No.: 20 Column: b**

Deductions on Return Not Charged Against Book Income

Accrued Leases	(154,775)
Accrued Severance	(32,904)
Amortization of Loss on Debt Retirement	(1,661,549)
Bad Debts Reserve	(350)
Book/Tax Depreciation and Amortization Difference	(82,604,474)
Customer Advances	(1,657,324)
Deferred Compensation	(107,358)
Deferred Customer Demand Programs	(8,475,690)
MO Jurisdiction Difference Iatan & Common	(2,959,751)
Deferred Rate Case Expenses	(1,796,718)
Deferred Transition Costs	(265,853)
Deferrals - Iatan 2	(6,465,286)
Economic Relief Pilot Programs	(213,043)
Investment Tax Credit	(740,916)
Long Term Debt Fair Value Adjustment	(34,640,219)
Pension Benefits	(20,908,283)
R & D Expenses	(500,000)
Removal Costs	(6,624,769)
Sublease - Everest	(718,837)
Tax Interest	(6,245,456)
Partnership Loss	(550,000)
Total	<b>(177,323,555)</b>

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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TAXES ACCRUED, PREPAID AND CHARGED DURING YEAR
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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 know, 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	INCOME TAXES:					
2	Federal	-2,624,321		11,049,375	16,746	3,993,414
3	State	-994,964		303,675	2,507	2,736,207
4						
5	PROPERTY TAXES:					
6	Arkansas			12	12	
7	Colorado	12,032		8,373	10,760	355
8	Iowa	825,684		844	826,528	
9	Kansas	689,016		1,250,621	1,314,333	
10	Mississippi	258,000		258,000	258,000	
11	Missouri			20,432,544	20,434,045	1,501
12	Nebraska	21,332		-4,859	9,315	
13	New Mexico			3	3	
14	Utah			1,493	1,493	
15	Wyoming			7,580	7,580	
16						
17	GROSS RECEIPTS, SALES					
18	USE, KC EARNINGS TAX:					
19	Corporate Franchise:					
20	Delaware			500	500	
21	Kansas	20,000		20,000	20,000	-20,000
22	Mississippi	203,848		110,767	195,000	-119,615
23	Missouri	-400,000		658,841	21,260	-237,581
24	Sales & Use	743,124		-80,441	243,950	445,900
25	Kansas City Earnings	-19,176		19,176		
26	Gross Receipts	3,556,245		35,642,206	35,630,466	
27						
28	PAYROLL			5,531,115	5,531,115	
29						
30	OTHER TAXES:					
31	Occupational - City of KCMO			-6,619		6,619
32						
33						
34						
35						
36						
37						
38						
39						
40						
41	TOTAL	2,290,820		75,203,206	64,523,613	6,806,800

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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
12,401,722		6,932,297			4,117,078	2
2,042,411		-137,769			441,444	3
						4
						5
		12				6
10,000		-1,627			10,000	7
					844	8
625,304		1,185,928			64,693	9
258,000		258,000				10
		17,024,380			3,408,164	11
7,158		-12,017			7,158	12
					3	13
					1,493	14
					7,580	15
						16
						17
						18
						19
		500				20
		20,000				21
		110,767				22
		658,841				23
864,633		11,134			-91,575	24
		19,176				25
3,567,985					35,642,206	26
						27
		5,531,115				28
						29
						30
		-6,619				31
						32
						33
						34
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						36
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						38
						39
						40
19,777,213		31,594,118			43,609,088	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) 04/15/2011	Year/Period of Report 2010/Q4
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FOOTNOTE DATA			

**Schedule Page: 262 Line No.: 2 Column: f**

Payments to holding company pursuant to tax sharing agreement	10,572,577
Reclass to/from income tax receivables	(5,568,397)
FIN 48 adjustment	(1,010,819)
FIN 48 adjustment	53
Total	<u>3,993,414</u>

**Schedule Page: 262 Line No.: 3 Column: f**

Payments to holding company pursuant to tax sharing agreement	1,518,338
Reclass to/from income tax receivables	776,809
Tax refunds received	397,964
FIN 48 adjustment	43,096
Total	<u>2,736,207</u>

**Schedule Page: 262 Line No.: 7 Column: f**

Tax refunds received	355
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**Schedule Page: 262 Line No.: 11 Column: f**

Tax refunds received	1,501
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**Schedule Page: 262 Line No.: 21 Column: f**

Reclass to/from income tax receivables	(20,000)
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**Schedule Page: 262 Line No.: 22 Column: f**

Reclass to/from income tax receivables	(119,615)
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**Schedule Page: 262 Line No.: 23 Column: f**

Reclass to/from income tax receivables	(237,581)
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**Schedule Page: 262 Line No.: 24 Column: f**

Interunit transfer	193,700
Tax refunds received	<u>252,200</u>
Total	<u>445,900</u>

**Schedule Page: 262 Line No.: 31 Column: f**

Tax refunds received	6,619
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Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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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%	4,492,163			411.4	699,595	
6	8%	104,296			411.4	25,284	
7	20%	210,523			411.4	16,037	
8	TOTAL	4,806,982				740,916	
9	Other (List separately and show 3%, 4%, 7%, 10% and TOTAL)						
10							
11							
12							
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Name of Respondent KCP&L Greater Missouri Operations Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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
3,792,568					5
79,012					6
194,486					7
4,066,066					8
					9
					10
					11
					12
					13
					14
					15
					16
					17
					18
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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) 04/15/2011	Year/Period of Report 2010/Q4
KCP&L Greater Missouri Operations Company			
FOOTNOTE DATA			

**Schedule Page: 266 Line No.: 8 Column: h**

This footnote provides additional details for use in the FERC transmission formula rate,  
Docket No. ER10-230-000.

**KCPL Greater Missouri Operations Company**

**ADIT- Account 255**

	<b>2010 YE Balance</b>
Accumulated Deferred Investment Tax Credits	
255000 ITC - Electric	(4,041,878)
255000 ITC - Steam	(24,188)
<b>Total - Page 267, Col. (h), Line 8</b>	<b>(4,066,066)</b>

OTHER DEFERRED CREDITS (Account 253)

- Report below the particulars (details) called for concerning other deferred credits.
- For any deferred credit being amortized, show the period of amortization.
- 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	Deferred Compensation	827,116				827,116
2	Manufactured Gas Sites Reserve	2,043,495	232	48,358	196,101	2,191,238
3	Rail Car Lease	302,516	232	475,834	269,321	96,003
4	Unearned Interest	926,099	419	98,827		827,272
5	GMO portion of Iatan Rtng/Accrual	19,744,863	146	20,365,960	4,273,060	3,651,963
6	Loss Lease Reserve	1,485,330	165	758,691	78,055	804,694
7	Deferred Rent LT Portion	504,535	165	1,183,544	1,223,393	544,384
8	Tax Gross Up-Non Refund CIAC	3,440,345	421	233,691	1,161,612	4,368,266
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
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33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47	TOTAL	29,274,299		23,164,905	7,201,542	13,310,936



Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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
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NOTES (Continued)

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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**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	229,113,550	37,310,341	79,332
3	Gas			
4				
5	TOTAL (Enter Total of lines 2 thru 4)	229,113,550	37,310,341	79,332
6	Other Utility - Net	8,005,021		
7				
8				
9	TOTAL Account 282 (Enter Total of lines 5 thru	237,118,571	37,310,341	79,332
10	Classification of TOTAL			
11	Federal Income Tax	206,203,845	32,257,899	75,048
12	State Income Tax	30,914,726	5,052,442	4,284
13	Local Income Tax			

NOTES

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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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
	1,462,879	283	1,220,317	182, 190	11,752,860	275,414,223	2
							3
							4
	1,462,879		1,220,317		11,752,860	275,414,223	5
	3,605,827	282	1,145,188			3,254,006	6
							7
							8
	5,068,706		2,365,505		11,752,860	278,668,229	9
							10
	5,521,966		6,806,054		10,452,770	236,511,446	11
	-453,260		-4,440,549		1,300,090	42,156,783	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) 04/15/2011	Year/Period of Report 2010/Q4
KCP&L Greater Missouri Operations Company			
FOOTNOTE DATA			

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

This footnote provides additional details for use in the FERC transmission formula rate,  
Docket No. ER10-230-000.

**KCP&L Greater Missouri Operations Company**

**ADIT- Account 282**

	2010 YE Balance
Accumulated Deferred Income Taxes	
282611 Total Plant	(254,439,935)
282410 FIN48 (ASC 740) Non-Current Liability	0
282137 ADFIT Capitalized Interest	(231,848)
282237 ADSIT Capitalized Interest	(13,294)
282601 FAS 109 (ASC 740)	(23,983,152)
282151 ADFIT Amort Rehab Credit	0
<b>Total - Page 275, Col. (k), Line 9</b>	<b>(278,668,229)</b>

**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		55,852,887	1,735,530	-6,260,439
4				
5				
6				
7				
8				
9	TOTAL Electric (Total of lines 3 thru 8)	55,852,887	1,735,530	-6,260,439
10	Gas			
11				
12				
13				
14				
15				
16				
17	TOTAL Gas (Total of lines 11 thru 16)			
18	Other Utility - Net	5,235,231		
19	TOTAL (Acct 283) (Enter Total of lines 9, 17 and 18)	61,088,118	1,735,530	-6,260,439
20	Classification of TOTAL			
21	Federal Income Tax	52,778,687	1,500,510	-5,412,670
22	State Income Tax	8,309,431	235,020	-847,769
23	Local Income Tax			

NOTES

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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**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
			1,570,023		2,708,221	64,987,054	3
							4
							5
							6
							7
							8
			1,570,023		2,708,221	64,987,054	9
							10
							11
							12
							13
							14
							15
							16
							17
	2,579,618		422,127		2,307,785	4,541,271	18
	2,579,618		1,992,150		5,016,006	69,528,325	19
							20
	2,333,926		1,776,976		3,663,436	59,244,401	21
	245,692		215,174		1,352,570	10,283,924	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) 04/15/2011	Year/Period of Report 2010/Q4
KCP&L Greater Missouri Operations Company			
FOOTNOTE DATA			

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

This footnote provides additional details for use in the FERC transmission formula rate, Docket No. ER10-230-000.

**KCP&L Greater Missouri Operations Company**

**ADIT- Account 283**

	<b>2010 YE Balance</b>
283300 Accumulated Deferred Income Taxes	
Amortization of Debt Retirement Premium	(2,114,937)
Amortization of Loss on Reacquired Debt	(895,937)
Emission Allowance Amortization	(2,855,937)
FASB 106 (ASC 715)	(4,125,236)
Fuel Clause Adjustment	(13,388,202)
Other Expense	(879,102)
Pension OCI	909,564
Pensions	(15,091,645)
Retail Regulatory Assets/Liabilities	(20,132,255)
SJLP Synergies/Subsequent Amortization	(138,908)
Tax Interest	(4,191,857)
Unrealized Gain/Loss	(90,316)
283410 FIN48 (ASC 740) Non-Current Liability	(5,799,850)
283510 FIN48 (ASC 740) Non-Current Liability	(733,707)
<b>Total - Page 277, Col. (k), Line 19</b>	<b>(69,528,325)</b>



Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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OTHER REGULATORY LIABILITIES (Account 254)
--

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

2. Minor items (5% of the Balance in Account 254 at end of period, or amounts less than \$100,000 which ever is less), may be grouped by classes.

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

Line No.	Description and Purpose of Other Regulatory Liabilities  (a)	Balance at Beginning of Current Quarter/Year  (b)	DEBITS		Credits  (e)	Balance at End of Current Quarter/Year  (f)
			Account Credited (c)	Amount (d)		
1	Emission Allowance Transactions per					
2	MO Case No. ER-2007-0004 and ER-2009-0090,					
3	to be amortized over 5 years beginning June					
4	2007 and September 2009, respectively.	811,206	509	288,204	9,542	532,544
5						
6	Deferred Maintenance	12,431,706			1,725,033	14,156,739
7						
8	Pension Liabilities in accordance with					
9	MO Case No. ER-2004-0034 and ER-2009-0090	34,031,491	926	2,291,493	5,400,273	37,140,271
10						
11	Deferred Regulatory Liability - ASC 740	2,571,744				2,571,744
12						
13	L&P Steam Quarterly Cost Adjustment					
14	per MO Case No. HR-2009-0092	1,121,928			1,144,284	2,266,212
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41	TOTAL	50,968,075		2,579,697	8,279,132	56,667,510

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) 04/15/2011	Year/Period of Report 2010/Q4
KCP&L Greater Missouri Operations Company			
FOOTNOTE DATA			

**Schedule Page: 278 Line No.: 11 Column: a**

Excess taxes due to change in tax rates	\$2.3 million
Investment tax credits	\$0.3 million
Total	\$2.6 million

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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	368,754,728	315,883,717
3	(442) Commercial and Industrial Sales		
4	Small (or Comm.) (See Instr. 4)	246,368,006	223,808,305
5	Large (or Ind.) (See Instr. 4)	74,774,070	67,120,594
6	(444) Public Street and Highway Lighting	5,749,758	6,342,864
7	(445) Other Sales to Public Authorities		
8	(446) Sales to Railroads and Railways		
9	(448) Interdepartmental Sales		
10	TOTAL Sales to Ultimate Consumers	695,646,562	613,155,480
11	(447) Sales for Resale	17,020,058	8,432,488
12	TOTAL Sales of Electricity	712,666,620	621,587,968
13	(Less) (449.1) Provision for Rate Refunds		
14	TOTAL Revenues Net of Prov. for Refunds	712,666,620	621,587,968
15	Other Operating Revenues		
16	(450) Forfeited Discounts	752,853	680,060
17	(451) Miscellaneous Service Revenues	766,315	999,962
18	(453) Sales of Water and Water Power		
19	(454) Rent from Electric Property	978,109	1,162,506
20	(455) Interdepartmental Rents		
21	(456) Other Electric Revenues	17,344,398	16,885,917
22	(456.1) Revenues from Transmission of Electricity of Others	5,876,082	5,535,510
23	(457.1) Regional Control Service Revenues		
24	(457.2) Miscellaneous Revenues		
25			
26	TOTAL Other Operating Revenues	25,717,757	25,263,955
27	TOTAL Electric Operating Revenues	738,384,377	646,851,923

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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ELECTRIC OPERATING REVENUES (Account 400)

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.)

7. See pages 108-109, Important Changes During Period, for important new territory added and important rate increase or decreases.

8. For Lines 2,4,5,and 6, see Page 304 for amounts relating to unbilled revenue by accounts.

9. Include unmetered sales. Provide details of such Sales in a footnote.

MEGAWATT HOURS SOLD		AVG.NO. CUSTOMERS PER MONTH		Line No.
Year to Date Quarterly/Annual (d)	Amount Previous year (no Quarterly) (e)	Current Year (no Quarterly) (f)	Previous Year (no Quarterly) (g)	
				1
3,739,794	3,444,547	273,781	273,393	2
				3
3,244,171	3,130,228	38,141	38,076	4
1,330,796	1,258,360	244	245	5
24,293	35,073	298	296	6
				7
				8
				9
8,339,054	7,868,208	312,464	312,010	10
483,067	244,183	29	20	11
8,822,121	8,112,391	312,493	312,030	12
				13
8,822,121	8,112,391	312,493	312,030	14

Line 12, column (b) includes \$ -993,488 of unbilled revenues.

Line 12, column (d) includes -18,514 MWH relating to unbilled revenues

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) 04/15/2011	Year/Period of Report 2010/Q4
KCP&L Greater Missouri Operations Company			
FOOTNOTE DATA			

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

Line 17 (451) Miscellaneous Service Revenues:

\$333,050 Reconnect Charges  
 \$175,275 Collection Fees  
 \$ 95,400 Temporary Meter Charges  
 \$ 79,390 Excess Facilities  
 \$ 76,344 Diversion Trip Charges  
 \$ 6,856 Miscellaneous  
 \$766,315 Total

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

Line 17 (451) Miscellaneous Service Revenues:

\$374,390 Reconnect Charges  
 \$209,300 Collection Fees  
 \$150,700 Non-Sufficient Funds Fees  
 \$ 90,372 Diversion Trip Charges  
 \$ 86,100 Temporary Meter Charges  
 \$ 79,394 Excess Facilities  
 \$ 9,706 Miscellaneous  
 \$999,962 Total

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

Line 21 (456) Other Electric Revenues:

\$16,607,055 Steam Revenue  
 \$ 370,783 Sales Tax Timely Filing Discount  
 \$ 220,600 Non-Sufficient Funds Fee  
 \$ 110,691 CFSI Joint Facilities  
 \$ 35,942 Spare Transformer Revenue  
 \$ -673 Miscellaneous  
 \$17,344,398 Total

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

Line 21 (456) Other Electric Revenues:

\$16,025,637 Steam Revenue  
 \$ 321,251 Sales Tax Timely Filing Discount  
 \$ 195,140 Dogwood Generation Imbalance  
 \$ 136,650 Green E Credits  
 \$ 110,691 CFSI Joint Facilities  
 \$ 55,554 Customer Invoice for Time and Materials  
 \$ 37,619 Spare Transformer Revenue  
 \$ 3,375 Miscellaneous  
 \$16,885,917 Total

REGIONAL TRANSMISSION SERVICE REVENUES (Account 457.1)
--

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

Line No.	Description of Service (a)	Balance at End of Quarter 1 (b)	Balance at End of Quarter 2 (c)	Balance at End of Quarter 3 (d)	Balance at End of Year (e)
1	None				
2					
3					
4					
5					
6					
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41					
42					
43					
44					
45					
46	TOTAL				

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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	MO815-Residential Other	1,948	339,456	647	3,011	0.1743
2	MO860-Residential General	1,634,998	185,076,572	140,643	11,625	0.1132
3	MO865-Residential Net Meter	71	7,653	5	14,200	0.1078
4	MO866-Residential Net Meter	159	14,100	8	19,875	0.0887
5	MO870-Residential Space Heat	1,276,794	120,597,350	73,591	17,350	0.0945
6	MONXX-Private Area Light	7,109	1,236,859	638	11,143	0.1740
7	Unbilled Revenue	-6,076	-343,376			0.0565
8	Fuel Clause Accrual		-4,080,369			
9	Total MPS Residential	2,915,003	302,848,245	215,532	13,525	0.1039
10						
11	MO910-Residential General	404,278	36,484,950	36,250	11,152	0.0902
12	MO911-Residential General	2,198	223,873	59	37,254	0.1019
13	MO915-Residential Other	8,541	1,121,244	1,967	4,342	0.1313
14	MO920-Residential Space Heat	400,356	26,861,004	19,387	20,651	0.0671
15	MO921-Residential Space Heat	7,285	556,929	59	123,475	0.0764
16	MO922-Residential Space/Water	416	29,232	57	7,298	0.0703
17	MO965-Residential Net Meter	55	4,494	2	27,500	0.0817
18	MO966-Residential Net Meter	105	6,541	3	35,000	0.0623
19	MOSXX-Private Area Light	4,082	635,182	465	8,778	0.1556
20	Unbilled Revenue	-2,525	-178,341			0.0706
21	Fuel Clause Accrual		161,375			
22	Total SJ Residential	824,791	65,906,483	58,249	14,160	0.0799
23						
24	MO650-Thermal Energy Storage	7,578	499,354	1	7,578,000	0.0659
25	MO710-Small General No DEM	73,474	8,653,228	8,252	8,904	0.1178
26	MO711-Small General Secondary	733,797	70,881,682	19,709	37,232	0.0966
27	MO716-Small General Primary	398	28,455	3	132,667	0.0715
28	MO720-Large General Secondary	883,589	67,890,679	1,325	666,860	0.0768
29	MO725-Large General Primary	16,634	1,252,501	17	978,471	0.0753
30	MO728-General Temporary Svc	1,322	220,730	403	3,280	0.1670
31	MO730-Large Power Secondary	499,272	33,618,260	111	4,497,946	0.0673
32	MO731-Real Time Pricing	3,063	195,420	1	3,063,000	0.0638
33	MO732-Commercial Net Meter	6,319	399,760	2	3,159,500	0.0633
34	MO735-Large Power Primary	244,420	15,375,554	20	12,221,000	0.0629
35	MO868-Net Metering Rider	15	1,709	1	15,000	0.1139
36	MONXX-Private Area Light	17,243	2,677,912	737	23,396	0.1553
37	Unbilled Revenue	919	150,366			0.1636
38	Fuel Clause Accrual		-4,973,976			
39	Total MPS Commercial	2,488,043	196,871,634	30,582	81,356	0.0791
40						
41	TOTAL Billed	8,357,568	696,640,050	312,464	26,747	0.0834
42	Total Unbilled Rev.(See Instr. 6)	-18,514	-993,488	0	0	0.0537
43	TOTAL	8,339,054	695,646,562	312,464	26,688	0.0834

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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	MO928-General Temporary Svc	511	70,088	70	7,300	0.1372
2	MO930-General Svc Limited DEM	31,102	3,792,288	3,704	8,397	0.1219
3	MO931-General Service	76,285	7,146,209	2,302	33,139	0.0937
4	MO938-Large General Primary	8,583	538,945	7	1,226,143	0.0628
5	MO939-Large General Substation	580	37,520	1	580,000	0.0647
6	MO940-Large General Secondary	339,860	22,712,477	1,120	303,446	0.0668
7	MO941-Gen Svc Space/Water	1,806	128,651	70	25,800	0.0712
8	MO944-Large Power TOU	163,336	8,142,878	24	6,805,667	0.0499
9	MO945-Large Power Primary	93,478	4,420,388	5	18,695,600	0.0473
10	MO946-Large Power Substation	10,227	491,942	1	10,227,000	0.0481
11	MO947-Large Power Transmsn	25,459	1,334,160	1	25,459,000	0.0524
12	MO971-Meter Outdoor Light	605	59,677	46	13,152	0.0986
13	MO973-Meter Traffic Signal	17	1,030	2	8,500	0.0606
14	MOSXX-Private Area Light	6,481	844,197	206	31,461	0.1303
15	Unbilled Revenue	-2,202	-112,920			0.0513
16	Fuel Clause Accrual		-111,158			
17	Total SJ Commercial	756,128	49,496,372	7,559	100,030	0.0655
18						
19	MO710-Small General No DEM	28	2,683	2	14,000	0.0958
20	MO711-Small General Secondary	3,167	289,245	33	95,970	0.0913
21	MO720-Large General Secondary	40,868	3,223,268	49	834,041	0.0789
22	MO725-Large General Primary	680	45,512	3	226,667	0.0669
23	MO730-Large Power Secondary	191,195	12,827,606	28	6,828,393	0.0671
24	MO735-Large Power Primary	466,617	27,838,661	19	24,558,789	0.0597
25	MO737-Real Time Pricing	21,966	1,097,162	2	10,983,000	0.0499
26	MONXX-Private Area Light	121	22,283	3	40,333	0.1842
27	Unbilled Revenue	1	-20,574			-20.5740
28	Fuel Clause Accrual		-1,672,345			
29	Total MPS Industrial	724,643	43,653,501	139	5,213,259	0.0602
30						
31	MO931-General Service	53	4,496	1	53,000	0.0848
32	MO940-Large General Secondary	50,453	3,258,866	58	869,879	0.0646
33	MO944-Large Power TOU	389,332	19,891,902	31	12,559,097	0.0511
34	MO945-Large Power Primary	60,159	3,025,758	2	30,079,500	0.0503
35	MO946-Large Power Substation	65,300	3,097,432	2	32,650,000	0.0474
36	MO947-Large Power Transmsn	40,999	1,968,359	4	10,249,750	0.0480
37	MOSXX-Private Area Light	438	74,048	7	62,571	0.1691
38	Unbilled Revenue	-581	-30,882			0.0532
39	Fuel Clause Accrual		-169,410			
40	Total SJ Industrial	606,153	31,120,569	105	5,772,886	0.0513
41	TOTAL Billed	8,357,568	696,640,050	312,464	26,747	0.0834
42	Total Unbilled Rev.(See Instr. 6)	-18,514	-993,488	0	0	0.0537
43	TOTAL	8,339,054	695,646,562	312,464	26,688	0.0834



Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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SALES OF ELECTRICITY BY RATE SCHEDULES

- 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.
- 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.
- 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.
- 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).
- For any rate schedule having a fuel adjustment clause state in a footnote the estimated additional revenue billed pursuant thereto.
- 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	MONXX-Street/Private Area Light	21,738	5,167,137	132	164,682	0.2377
2	Unbilled Revenue	-8,013	-452,639			0.0565
3	Fuel Clause Accrual		-653,171			
4	Total MPS Public Street Lights	13,725	4,061,327	132	103,977	0.2959
5						
6	MO972-Meter Street Light	803	42,120	39	20,590	0.0525
7	MO973-Meter Traffic Signal	326	20,926	71	4,592	0.0642
8	MOSXX-Street/Private Area Light	9,477	1,633,724	56	169,232	0.1724
9	Unbilled Revenue	-38	-5,123			0.1348
10	Fuel Clause Accrual		-3,216			
11	Total SJ Public Street Lights	10,568	1,688,431	166	63,663	0.1598
12						
13						
14	Instruction Note (5)					
15	Fuel Clause Revenue Billed					
16	Residential		21,433,666			
17	Commercial		17,727,671			
18	Industrial		5,873,528			
19	Public Street Lights		728,615			
20	Total Fuel Clause Revenue Billed		45,763,480			
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
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39						
40						
41	TOTAL Billed	8,357,568	696,640,050	312,464	26,747	0.0834
42	Total Unbilled Rev.(See Instr. 6)	-18,514	-993,488	0	0	0.0537
43	TOTAL	8,339,054	695,646,562	312,464	26,688	0.0834

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	Liberal Municipal Light	RQ	54	1.284	1.253	1.253
2	City of Rich Hill	RQ	58	2.219	2.177	2.177
3	City of Galt	RQ	55	0.595	0.575	0.575
4	City of Gilman City	RQ	56	0.478	0.478	0.478
5	City of Osceola	RQ	109	1.678	1.673	1.673
6	City of Independence	RQ	110			
7	Kansas City Power & Light	RQ	111			
8	MidAmerican Energy Company	RQ	EEI			
9						
10	BULK POWER SALES					
11	AEP Energy Services	OS	WSPP, Sch.A			
12	AEP Energy Services	OS	EEI			
13	Associated Electric Coop.	OS	WSPP, Sch.A			
14	Black Hills Power	LF	WSPP, Sch.A			
	Subtotal RQ			0	0	0
	Subtotal non-RQ			0	0	0
	<b>Total</b>			<b>0</b>	<b>0</b>	<b>0</b>

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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**SALES FOR RESALE (Account 447)**

1. Report all sales for resale (i.e., sales to purchasers other than ultimate consumers) transacted on a settlement basis other than power exchanges during the year. Do not report exchanges of electricity ( i.e., transactions involving a balancing of debits and credits for energy, capacity, etc.) and any settlements for imbalanced exchanges on this schedule. Power exchanges must be reported on the Purchased Power schedule (Page 326-327).

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.  
 IF - for intermediate-term firm service. The same as LF service except that "intermediate-term" means longer than one year but Less than five years.  
 SF - for short-term firm service. Use this category for all firm services where the duration of each period of commitment for service is one year or less.  
 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.  
 IU - for intermediate-term service from a designated generating unit. The same as LU service except that "intermediate-term" means Longer than one year but Less than five years.

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	Board of Public Utilities, KCK	OS	WSPP, Sch.A			
2	Cargill Power Markets, LLC	OS	EEI			
3	Cleco Corp.	OS	WSPP, Sch.A			
4	Constellation Energy Commodities Group	OS	WSPP, Sch.A			
5	Dogwood Energy Facility	OS	SPP FERC 1			
6	Electric Reliability Council of Texas	OS	ERCOT RTO			
7	Empire District Electric	OS	WSPP, Sch.A			
8	Entergy Electric Services	OS	WSPP, Sch.A			
9	Grand River Dam Authority	OS	WSPP, Sch.A			
10	Independence Power and Light	OS	WSPP, Sch.A			
11	Kansas City Board of Public Utilities	OS	WSPP, Sch.A			
12	Kansas City Power and Light	OS	WSPP, Sch.A			
13	Lafayette Utilities System	OS	WSPP, Sch.A			
14	Lincoln Electric System	OS	MEMA,Sch.M			
	Subtotal RQ			0	0	0
	Subtotal non-RQ			0	0	0
	<b>Total</b>			<b>0</b>	<b>0</b>	<b>0</b>





Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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.

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)		
6,414	58,724	191,932	64,437	315,093	1
11,806	94,783	353,362	118,093	566,238	2
3,170	30,780	94,889	31,466	157,135	3
2,580	25,701	77,227	25,808	128,736	4
9,159	72,036	274,112	91,500	437,648	5
244		9,806		9,806	6
523		7,353		7,353	7
212		5,830		5,830	8
					9
					10
44		4,823		4,823	11
34		1,657		1,657	12
1,266		6,028		6,028	13
14,832	333,600	501,248	87,835	922,683	14
34,108	282,024	1,014,511	331,304	1,627,839	
448,959	333,600	18,182,434	-3,123,815	15,392,219	
<b>483,067</b>	<b>615,624</b>	<b>19,196,945</b>	<b>-2,792,511</b>	<b>17,020,058</b>	

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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)		
16		963		963	1
620		42,780		42,780	2
84		6,568		6,568	3
18		1,176		1,176	4
2,797		242,926		242,926	5
		10		10	6
20		933		933	7
60		4,873		4,873	8
41		1,871		1,871	9
7		382		382	10
					11
52,551		1,850,319		1,850,319	12
5		292		292	13
3		189		189	14
34,108	282,024	1,014,511	331,304	1,627,839	
448,959	333,600	18,182,434	-3,123,815	15,392,219	
<b>483,067</b>	<b>615,624</b>	<b>19,196,945</b>	<b>-2,792,511</b>	<b>17,020,058</b>	

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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)		
5		280		280	1
		43,025		43,025	2
128,466		3,211,650		3,211,650	3
6,244		145,931		145,931	4
41		1,603		1,603	5
49		2,526		2,526	6
115		8,738		8,738	7
116		7,815		7,815	8
		8,039		8,039	9
41		1,803		1,803	10
9		546		546	11
37		2,111		2,111	12
		550,076		550,076	13
369,777		11,523,898		11,523,898	14
34,108	282,024	1,014,511	331,304	1,627,839	
448,959	333,600	18,182,434	-3,123,815	15,392,219	
<b>483,067</b>	<b>615,624</b>	<b>19,196,945</b>	<b>-2,792,511</b>	<b>17,020,058</b>	



**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)		
58		3,258		3,258	1
51		3,176		3,176	2
					3
18		921		921	4
					5
-128,466			-3,211,650	-3,211,650	6
					7
					8
					9
					10
					11
					12
					13
					14
34,108	282,024	1,014,511	331,304	1,627,839	
448,959	333,600	18,182,434	-3,123,815	15,392,219	
<b>483,067</b>	<b>615,624</b>	<b>19,196,945</b>	<b>-2,792,511</b>	<b>17,020,058</b>	

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) 04/15/2011	Year/Period of Report 2010/Q4
KCP&L Greater Missouri Operations Company			
FOOTNOTE DATA			

<b>Schedule Page: 310 Line No.: 1 Column: j</b>
Other charges relate to fuel adjustment and high tension discounts for lines 1-5.
<b>Schedule Page: 310 Line No.: 6 Column: a</b>
Border customer agreement dated 10/6/82. Demand meter information not available.
<b>Schedule Page: 310 Line No.: 7 Column: a</b>
Great Plains Energy, the parent company of KCP&L Greater Missouri Operations Company, also owns all the outstanding shares of KCP&L.
<b>Schedule Page: 310 Line No.: 7 Column: c</b>
Border customer agreement dated 11/7/60. Demand meter information not available.
<b>Schedule Page: 310 Line No.: 8 Column: a</b>
Border Customer-distribution energy
<b>Schedule Page: 310 Line No.: 11 Column: b</b>
Hour by hour economy power interchanges for all statistic classes of OS.
<b>Schedule Page: 310 Line No.: 14 Column: a</b>
Termination date of 9/30/2024
<b>Schedule Page: 310 Line No.: 14 Column: j</b>
Other charge related to fuel adjustment.
<b>Schedule Page: 310.1 Line No.: 12 Column: a</b>
Great Plains Energy, the parent company of KCP&L Greater Missouri Operations Company, also owns all the outstanding shares of KCP&L.
<b>Schedule Page: 310.2 Line No.: 3 Column: b</b>
Termination date 11/26/2016.
<b>Schedule Page: 310.3 Line No.: 6 Column: j</b>
Reclass of MKEC sales to net with Gray County Wind Farm Purchases.

Name of Respondent KCP&L Greater Missouri Operations Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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	3,026,374		3,316,756	
5	(501) Fuel	139,128,866		132,593,490	
6	(502) Steam Expenses	8,493,910		7,069,355	
7	(503) Steam from Other Sources				
8	(Less) (504) Steam Transferred-Cr.	8,951,104		8,258,726	
9	(505) Electric Expenses	2,379,378		1,843,780	
10	(506) Miscellaneous Steam Power Expenses	4,427,922		4,691,710	
11	(507) Rents	3,685		2,722	
12	(509) Allowances	2,223,018		1,794,426	
13	TOTAL Operation (Enter Total of Lines 4 thru 12)	150,732,049		143,053,513	
14	Maintenance				
15	(510) Maintenance Supervision and Engineering	2,223,724		2,280,341	
16	(511) Maintenance of Structures	2,030,488		1,868,762	
17	(512) Maintenance of Boiler Plant	13,169,231		12,459,210	
18	(513) Maintenance of Electric Plant	3,819,789		3,895,566	
19	(514) Maintenance of Miscellaneous Steam Plant	420,786		382,120	
20	TOTAL Maintenance (Enter Total of Lines 15 thru 19)	21,664,018		20,885,999	
21	TOTAL Power Production Expenses-Steam Power (Entr Tot lines 13 & 20)	172,396,067		163,939,512	
22	B. Nuclear Power Generation				
23	Operation				
24	(517) Operation Supervision and Engineering				
25	(518) Fuel				
26	(519) Coolants and Water				
27	(520) Steam Expenses				
28	(521) Steam from Other Sources				
29	(Less) (522) Steam Transferred-Cr.				
30	(523) Electric Expenses				
31	(524) Miscellaneous Nuclear Power Expenses				
32	(525) Rents				
33	TOTAL Operation (Enter Total of lines 24 thru 32)				
34	Maintenance				
35	(528) Maintenance Supervision and Engineering				
36	(529) Maintenance of Structures				
37	(530) Maintenance of Reactor Plant Equipment				
38	(531) Maintenance of Electric Plant				
39	(532) Maintenance of Miscellaneous Nuclear Plant				
40	TOTAL Maintenance (Enter Total of lines 35 thru 39)				
41	TOTAL Power Production Expenses-Nuc. Power (Entr tot lines 33 & 40)				
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)				

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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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	58,968	103,330
63	(547) Fuel	19,402,212	28,108,705
64	(548) Generation Expenses	856,589	656,318
65	(549) Miscellaneous Other Power Generation Expenses	634,046	713,595
66	(550) Rents		
67	TOTAL Operation (Enter Total of lines 62 thru 66)	20,951,815	29,581,948
68	Maintenance		
69	(551) Maintenance Supervision and Engineering	278,079	253,355
70	(552) Maintenance of Structures	140,052	189,534
71	(553) Maintenance of Generating and Electric Plant	4,826,390	4,439,241
72	(554) Maintenance of Miscellaneous Other Power Generation Plant	11,573	12,492
73	TOTAL Maintenance (Enter Total of lines 69 thru 72)	5,256,094	4,894,622
74	TOTAL Power Production Expenses-Other Power (Enter Tot of 67 & 73)	26,207,909	34,476,570
75	E. Other Power Supply Expenses		
76	(555) Purchased Power	134,895,179	112,921,451
77	(556) System Control and Load Dispatching	1,556,812	1,219,206
78	(557) Other Expenses	3,560,336	2,272,395
79	TOTAL Other Power Supply Exp (Enter Total of lines 76 thru 78)	140,012,327	116,413,052
80	TOTAL Power Production Expenses (Total of lines 21, 41, 59, 74 & 79)	338,616,303	314,829,134
81	2. TRANSMISSION EXPENSES		
82	Operation		
83	(560) Operation Supervision and Engineering	1,404,349	929,291
84	(561) Load Dispatching	13,155	20,108
85	(561.1) Load Dispatch-Reliability		7,267
86	(561.2) Load Dispatch-Monitor and Operate Transmission System	393,455	360,927
87	(561.3) Load Dispatch-Transmission Service and Scheduling	119,757	129,367
88	(561.4) Scheduling, System Control and Dispatch Services	1,437,600	433,029
89	(561.5) Reliability, Planning and Standards Development		20,488
90	(561.6) Transmission Service Studies	33,809	-16,672
91	(561.7) Generation Interconnection Studies		
92	(561.8) Reliability, Planning and Standards Development Services	230,725	166,987
93	(562) Station Expenses	182,430	110,643
94	(563) Overhead Lines Expenses	106,406	190,202
95	(564) Underground Lines Expenses		
96	(565) Transmission of Electricity by Others	12,378,063	14,513,492
97	(566) Miscellaneous Transmission Expenses	1,243,145	1,290,613
98	(567) Rents	226,214	225,177
99	TOTAL Operation (Enter Total of lines 83 thru 98)	17,769,108	18,380,919
100	Maintenance		
101	(568) Maintenance Supervision and Engineering		
102	(569) Maintenance of Structures	38,603	41,278
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	634,411	445,995
108	(571) Maintenance of Overhead Lines	2,050,752	1,706,293
109	(572) Maintenance of Underground Lines	359	396
110	(573) Maintenance of Miscellaneous Transmission Plant	1,490	456
111	TOTAL Maintenance (Total of lines 101 thru 110)	2,725,615	2,194,418
112	TOTAL Transmission Expenses (Total of lines 99 and 111)	20,494,723	20,575,337





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) 04/15/2011	Year/Period of Report 2010/Q4
KCP&L Greater Missouri Operations Company			
FOOTNOTE DATA			

**Schedule Page: 320 Line No.: 98 Column: b**

Per Docket No. ER10-230-000, FERC transmission formula rate, additional detail for lease expense has been provided below:

Cooper-Fairpoint - St. Joe-Billing for Share	209,700
Total KCPL-GMO Transmission Lease Expense	209,700
All Other	16,514
Total KCPL-GMO Account 567000	226,214

**Schedule Page: 320 Line No.: 98 Column: c**

Per Docket No. ER10-230-000, FERC transmission formula rate, additional detail for lease expense has been provided below:

Cooper-Fairpoint - St. Joe-Billing for Share	199,560
Total KCPL-GMO Transmission Lease Expense	199,560
All Other	25,617
Total KCPL-GMO Account 567000	225,177





Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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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.

IF - for intermediate-term firm service. The same as LF service expect that "intermediate-term" means longer than one year but less than five years.

SF - for short-term service. Use this category for all firm services, where the duration of each period of commitment for service is one year or less.

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 the designated unit.

IU - for intermediate-term service from a designated generating unit. The same as LU service expect that "intermediate-term" means longer than one year but less than five years.

EX - For exchanges of electricity. Use this category for transactions involving a balancing of debits and credits for energy, capacity, etc. and any settlements for imbalanced exchanges.

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 for each adjustment.

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	Independence Power & Light	RQ	110	N/A	N/A	N/A
2	Independence Power & Light	OS	WSPP, Sch.A	N/A	N/A	N/A
3	Kansas City Power and Light	OS	WSPP, Sch.A	N/A	N/A	N/A
4	Kansas City Power and Light	RQ	111	N/A	N/A	N/A
5	Kansas City Power and Light	RQ	129	N/A	N/A	N/A
6	Lafayette Utilities System	OS	WSPP, Sch.A	N/A	N/A	N/A
7	Louisiana Energy & Power Authority	OS	WSPP, Sch.A	N/A	N/A	N/A
8	Mid-American Energy Company	OS	EEI Agreement	N/A	N/A	N/A
9	Mid-American Energy Company	RQ	EEI Agreement	N/A	N/A	N/A
10	Midwest Indep Sys Trans Op	OS	MISO RTO	N/A	N/A	N/A
11	Nebraska Public Power District	LU	MEMA, Sch.M	N/A	N/A	N/A
12	Nebraska Public Power District	LU	MEMA, Sch.M	N/A	N/A	N/A
13	Nebraska Public Power District	OS	MEMA, Sch.M	N/A	N/A	N/A
14	NRG Energy, Inc.	OS	WSPP, Sch.A	N/A	N/A	N/A
	Total					



Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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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.

IF - for intermediate-term firm service. The same as LF service expect that "intermediate-term" means longer than one year but less than five years.

SF - for short-term service. Use this category for all firm services, where the duration of each period of commitment for service is one year or less.

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 the designated unit.

IU - for intermediate-term service from a designated generating unit. The same as LU service expect that "intermediate-term" means longer than one year but less than five years.

EX - For exchanges of electricity. Use this category for transactions involving a balancing of debits and credits for energy, capacity, etc. and any settlements for imbalanced exchanges.

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 for each adjustment.

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	Inadvertent/No Flow	OS	N/A	N/A	N/A	N/A
2	ACCOUNTING ADJUSTMENTS					
3	Iatan 2 Displacement					
4	Sibley Insurance Payment					
5	Accounting Reclass					
6						
7						
8						
9						
10						
11						
12						
13						
14						
	Total					

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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)	
405				18,444		18,444	1
37				3,063		3,063	2
1,012				44,393		44,393	3
				93,760		93,760	4
21				1,681		1,681	5
66,600				2,590,542		2,590,542	6
206,929				7,737,070		7,737,070	7
88				5,644		5,644	8
				851		851	9
73				3,917		3,917	10
50				2,780		2,780	11
1,195				90,906		90,906	12
56				5,612		5,612	13
196,988				4,981,881		4,981,881	14
3,857,528			18,033,296	116,861,883		134,895,179	

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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)	
1,329				53,171		53,171	1
12				1,143		1,143	2
1,564,420				61,825,535		61,825,535	3
1,500				18,753		18,753	4
3,262			16,339	174,976		191,315	5
12				814		814	6
13				881		881	7
262				7,205		7,205	8
227				6,242		6,242	9
23,921				280,828		280,828	10
746,688			9,450,494	8,618,303		18,068,797	11
650,851			7,398,000	12,887,378		20,285,378	12
121				6,012		6,012	13
123				7,821		7,821	14
3,857,528			18,033,296	116,861,883		134,895,179	

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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)	
311				14,917		14,917	1
118				5,725		5,725	2
12				1,368		1,368	3
				-167		-167	4
192				9,544		9,544	5
73				4,797		4,797	6
121				6,185		6,185	7
18				1,285		1,285	8
243				12,495		12,495	9
239,588				5,392,007		5,392,007	10
35				2,782		2,782	11
83,249			1,168,463	3,751,843		4,920,306	12
220				9,972		9,972	13
55				3,767		3,767	14
3,857,528			18,033,296	116,861,883		134,895,179	

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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)	
-408							1
							2
66,870				8,626,461		8,626,461	3
				-447,912		-447,912	4
636				-2,792		-2,792	5
							6
							7
							8
							9
							10
							11
							12
							13
							14
3,857,528			18,033,296	116,861,883		134,895,179	

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) 04/15/2011	Year/Period of Report 2010/Q4
KCP&L Greater Missouri Operations Company			
FOOTNOTE DATA			

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

Hour by hour economy power interchanges for all statistical class of OS.

**Schedule Page: 326 Line No.: 14 Column: a**

Termination date November 26, 2016.

**Schedule Page: 326.1 Line No.: 1 Column: a**

Border customer agreement dated October 6, 1982.

**Schedule Page: 326.1 Line No.: 3 Column: a**

Page 326.1 Lines 3-7: Great Plains Energy, the parent company of Kansas City Power & Light, also owns all the outstanding shares of KCPL GMO and its Missouri-based electric utility assets.

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

Border customer agreement dated November 7, 1960.

**Schedule Page: 326.1 Line No.: 5 Column: a**

Border customer agreement dated June 1, 2007.

**Schedule Page: 326.1 Line No.: 9 Column: a**

Border customer - distribution energy.

**Schedule Page: 326.1 Line No.: 11 Column: a**

Per contract agreement with termination date of May 31, 2011.

**Schedule Page: 326.1 Line No.: 12 Column: a**

Per contract agreement with termination date of January 18, 2014.

**Schedule Page: 326.2 Line No.: 5 Column: a**

Border customer agreement dated October 6, 1982.

**Schedule Page: 326.2 Line No.: 10 Column: a**

Southwest Power Pool RTO energy market start date September 1, 2009.

**Schedule Page: 326.3 Line No.: 3 Column: a**

The generating unit, Iatan 2, was placed in service in August 2010. \$2,377,314 is the fair value of energy delivered to KCP&L's electric system and credited to construction during start up and testing. \$6,249,147 is the Missouri jurisdictional portion of the fair value of energy delivered to KCP&L's system and credited to the regulatory asset.

**Schedule Page: 326.3 Line No.: 4 Column: a**

Insurance proceeds related to replacement power for Sibley generating station outage insurance policy.

**Schedule Page: 326.3 Line No.: 5 Column: a**

Accounting reclass.



Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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**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	MISSOURI (KCP&L GMOC-MOPUB):			
2	Associated Electric	KCP&L GMOC-MOPUB	Associated Electric	OS
3	City of Galt	KCP&L GMOC-MOPUB	City of Galt	FNO
4	City of Harrisonville	MO Joint Muni Elec Util Comm	City of Harrisonville	FNO
5	City of Harrisonville	MO Joint Muni Elec Util Comm	City of Harrisonville	AD
6	City of Odessa	MO Joint Muni Elec Util Comm	City of Odessa	FNO
7	City of Odessa	MO Joint Muni Elec Util Comm	City of Odessa	AD
8	Gilman City	KCP&L GMOC-MOPUB	Gilman City	FNO
9	Kansas City Power & Light	KCP&L GMOC-MOPUB	Kansas City Power & Light	OS
10	Liberal Muni Light Co	KCP&L GMOC-MOPUB	Liberal Muni Light Co	FNO
11	Osceola	KCP&L GMOC-MOPUB	Osceola	FNO
12	Rich Hill	KCP&L GMOC-MOPUB	Rich Hill	FNO
13	Southwest Power Pool	KCP&L GMOC-MOPUB	SPP	OS
14				
15	MISSOURI (KCP&L GMOC-SJLP):			
16	Southwest Power Pool	KCP&L GMOC-SJLP	SPP	OS
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
	<b>TOTAL</b>			

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

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

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

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

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

FERC Rate Schedule of Tariff Number (e)	Point of Receipt (Substation or Other Designation) (f)	Point of Delivery (Substation or Other Designation) (g)	Billing Demand (MW) (h)	TRANSFER OF ENERGY		Line No.
				MegaWatt Hours Received (i)	MegaWatt Hours Delivered (j)	
						1
60	Associated Electric	Butler, Belton, Plat				2
55	City of Galt	City of Galt		3,170	3,170	3
OATT	City of Harrisonville	Harrisonville Sub	30	113,296	113,296	4
OATT	City of Harrisonville	Harrisonville Sub				5
OATT	City of Odessa	Odessa Substation	14	45,692	45,692	6
OATT	City of Odessa	Odessa Substation				7
56	Gilman City	Gilman City		2,580	2,580	8
20	KCP&L Interconnects	Multiple				9
54	Liberal Muni Light	Liberal Muni Light		6,413	6,413	10
109	Osceola	Osceola		9,159	9,159	11
58	Rich Hill	Rich Hill		11,806	11,806	12
SPP Tariff	Multiple	Multiple				13
						14
						15
SPP Tariff	Multiple	Multiple				16
						17
						18
						19
						20
						21
						22
						23
						24
						25
						26
						27
						28
						29
						30
						31
						32
						33
						34
			44	192,116	192,116	

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
TRANSMISSION OF ELECTRICITY FOR OTHERS (Account 456) (Continued) (Including transactions referred to as 'wheeling')			
<p>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.</p> <p>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.</p> <p>11. Footnote entries and provide explanations following all required data.</p>			

REVENUE FROM TRANSMISSION OF ELECTRICITY FOR OTHERS				
Demand Charges (\$) (k)	Energy Charges (\$) (l)	(Other Charges) (\$) (m)	Total Revenues (\$) (k+l+m) (n)	Line No.
				1
		117,162	117,162	2
		20,654	20,654	3
373,498		59,438	432,936	4
		-45,588	-45,588	5
146,006		24,103	170,109	6
		-19,988	-19,988	7
		17,140	17,140	8
		68,354	68,354	9
		44,747	44,747	10
		60,094	60,094	11
		78,135	78,135	12
		2,870,271	2,870,271	13
				14
				15
		2,062,056	2,062,056	16
				17
				18
				19
				20
				21
				22
				23
				24
				25
				26
				27
				28
				29
				30
				31
				32
				33
				34
519,504	0	5,356,578	5,876,082	

Name of Respondent KCP&L Greater Missouri Operations Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4	
TRANSMISSION OF ELECTRICITY BY ISO/RTOs						
<p>1. Report in Column (a) the Transmission Owner receiving revenue for the transmission of electricity by the ISO/RTO.</p> <p>2. Use a separate line of data for each distinct type of transmission service involving the entities listed in Column (a).</p> <p>3. 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.</p> <p>4. 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.</p> <p>5. In column (d) report the revenue amounts as shown on bills or vouchers.</p> <p>6. Report in column (e) the total revenues distributed to the entity listed in column (a).</p>						
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						
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28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40	TOTAL					

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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TRANSMISSION OF ELECTRICITY BY OTHERS (Account 565) (Including transactions referred to as "wheeling")
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- 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	Assoc Electric Coop	LFP			37,039			37,039
2	American Electric Power	FNS			600,000			600,000
3	Entergy Elec Services	LFP			4,781,899		37,968	4,819,867
4	Kansas City Pwr&Light	NF			209,404		5,426	214,830
5	Midwest Indep Sys Op	NF			73,630	86,512		160,142
6	Nebraska Public Pwr Dis	LFP			3,766,008			3,766,008
7	Southwest Power Pool	NF			102,532			102,532
8	Southwest Power Pool	LFP			1,345,359			1,345,359
9	Westar Energy	LFP			1,332,286			1,332,286
10								
11								
12								
13								
14								
15								
16								
	TOTAL				12,248,157	86,512	43,394	12,378,063

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) 04/15/2011	Year/Period of Report 2010/Q4
KCP&L Greater Missouri Operations Company			
FOOTNOTE DATA			

**Schedule Page: 332 Line No.: 3 Column: g**

- (1) Transmission monthly fee or service charge
- (2) Scheduling, Application and Administrative Fees
- (3) Ancillary Charges
- (4) Membership Fee

**Schedule Page: 332 Line No.: 4 Column: g**

- (1) Transmission monthly fee or service charge

MISCELLANEOUS GENERAL EXPENSES (Account 930.2) (ELECTRIC)		
Line No.	Description (a)	Amount (b)
1	Industry Association Dues	340,303
2	Nuclear Power Research Expenses	
3	Other Experimental and General Research Expenses	633,625
4	Pub & Dist Info to Stkhldrs...expn servicing outstanding Securities	458,515
5	Oth Expn >=5,000 show purpose, recipient, amount. Group if < \$5,000	
6		
7	Employee Services	
8	Winning Culture	415
9	Support Services	8,746
10	Safety/Medical	2,949
11		
12	Maintain Corporate Visibility	
13	Regulatory	
14	Reporting	167,556
15	Compliance	28,782
16	Shareholder Communications	495
17	Other (Corp Vis and Company/Divisional Meetings)	31,127
18		
19	Support Industry Programs	
20	Labor	1,076
21		
22	Environmental Expenses	
23	Environmental Remediation	1,407
24		
25	Other Miscellaneous	
26	Fleet	43,142
27	Other Labor/Transportation	770
28		
29		
30		
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46	TOTAL	1,718,908

**DEPRECIATION AND AMORTIZATION OF ELECTRIC PLANT (Account 403, 404, 405)**  
(Except amortization of acquisition adjustments)

1. 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).
2. 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.
3. 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.
4. 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	74,577		786,781	179,743	1,041,101
2	Steam Production Plant	16,998,555	63,209			17,061,764
3	Nuclear Production Plant					
4	Hydraulic Production Plant-Conventional					
5	Hydraulic Production Plant-Pumped Storage					
6	Other Production Plant	13,488,792	5,192			13,493,984
7	Transmission Plant	6,121,731			794,718	6,916,449
8	Distribution Plant	29,231,422		225	794,718	30,026,365
9	Regional Transmission and Market Operation					
10	General Plant	6,720,633	691			6,721,324
11	Common Plant-Electric					
12	TOTAL	72,635,710	69,092	787,006	1,769,179	75,260,987

**B. Basis for Amortization Charges**

Depreciation rates for KCPL Greater Missouri Operations - electric accounts are based on Missouri Public Service Commission report and order ER-2004-0034 and reaffirmed with order ER-2005-0436, HR-2005-0450 and ER-2009-0090.

Intangible Plant - Crossroads Transmission is amortized over the life of the capital lease plus extension, 40 years.

Intangible Plant - KAMO Transmission is amortized over the life of the transmission line, 55 years.

Intangible Plant - Osceola 161-34KV Substation is amortized over 55 years.

Intangible Plant - Computer software is amortized over 5 years.

Transmission Plant - Easements and rights-of-way are amortized over 84 years, which is based on Missouri Public Service order ER-78-29, dated 6-23-78. The rate became effective on 7-5-78.

Distribution Plant - Leased land is amortized over 99 years.

General Plant - Leasehold improvements are amortized over the life of the lease.



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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	MOPUB						
13	Intangible						
14	301	22			4.63		
15	303	21,901			2.50		
16	30301	606			1.92		
17	30302	125			20.00		
18	Subtotal	22,654			2.58	Composite Rate	
19							
20	Production Steam						
21	311	44,801			1.87	Iatan	
22	311	18,935			1.87	JEC	
23	311	40,091			1.87	Sibley	
24	312	259,282			2.19	Iatan	
25	312	102,194			2.10	JEC	
26	312	271,056			2.19	Sibley	
27	314	31,255			2.33	Iatan	
28	314	19,153			2.31	JEC	
29	314	60,676			2.33	Sibley	
30	315	10,921			2.40	Iatan	
31	315	6,731			2.37	JEC	
32	315	15,997			2.40	Sibley	
33	316	1,168			2.50	Iatan	
34	316	1,901			2.59	JEC	
35	316	840			2.50	Sibley	
36	317	584			4.57	Composite Rate	
37	Subtotal	885,585			2.17	Composite Rate	
38							
39	Production Other						
40	341	17,742			1.75		
41	342	13,031			3.09		
42	343	190,294			4.81		
43	344	50,780			3.80		
44	345	40,708			2.85		
45	346	356			3.57		
46	347	102			4.35	Composite Rate	
47	Subtotal	313,013			4.14	Composite Rate	
48							
49							
50							

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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	MOPUB Continued						
13	Transmission						
14	35004	12,498			1.19		
15	352	7,622			1.83		
16	353	108,201			1.70		
17	354	324			1.85		
18	355	80,567			2.93		
19	356	51,007			2.32		
20	357						
21	358	58			2.49		
22	35901						
23	Subtotal	260,277			2.18	Composite Rate	
24							
25	Distribution						
26	360	22			1.01		
27	361	8,552			1.61		
28	362	115,744			2.08		
29	364	146,410			3.89		
30	365	105,462			2.18		
31	366	44,104			1.70		
32	367	108,657			2.49		
33	368	157,273			3.45		
34	36901	13,357			3.64		
35	36902	49,934			3.05		
36	37000	26,314			2.00		
37	37001	2,038			7.14		
38	371	15,226			5.12		
39	372						
40	373	31,066			3.18		
41	374						
42	Subtotal	824,159			2.90	Composite Rate	
43							
44							
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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	MOPUB Continued						
13	General						
14	390	17,889			2.73		
15	391	2,005			4.17		
16	39102	2,038			12.50		
17	39104	550			11.11		
18	392	14,251			11.25		
19	393	84			3.70		
20	394	4,246			3.68		
21	395	2,301			3.43		
22	396	4,170			4.45		
23	397	25,152			3.70		
24	398	172			3.71		
25	39901	20			2.35	Composite Rate	
26	Subtotal	72,878			5.29	Composite Rate	
27							
28	MOPUB Total Depr Plant	2,378,566			2.78	Composite Rate	
29							
30							
31							
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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	SJLP						
13	Intangible						
14	30302	447			20.00		
15	Subtotal	447			20.00	Composite Rate	
16							
17	Production Steam						
18	311	14,487			1.84	Iatan	
19	311	15,062			1.90	Lake Road	
20	31109	32			2.89	Industrial Steam	
21	312	119,083			2.04	Iatan	
22	312	67,683			2.16	Lake Road	
23	31209	1,155			2.89	Industrial Steam	
24	314	10,936			2.30	Iatan	
25	314	15,891			2.33	Lake Road	
26	31409					Industrial Steam	
27	315	8,331			2.34	Iatan	
28	315	3,857			2.37	Lake Road	
29	31509	48			3.30	Industrial Steam	
30	316	896			2.49	Iatan	
31	316	661			2.90	Lake Road	
32	31609	152			2.89	Industrial Steam	
33	31609	2,319			2.94	Industrial Steam	
34	31609	412			4.67	Industrial Steam	
35	317	1,412			2.58	Composite Rate	
36	Subtotal	262,417			2.12	Composite Rate	
37							
38	Production Other						
39	341	1,477			1.75		
40	342	605			3.09		
41	343	10,958			4.78		
42	344	3,107			4.11		
43	345	1,150			2.84		
44	346				3.57		
45	347	23			3.22	Composite Rate	
46	Subtotal	17,320			4.21	Composite Rate	
47							
48							
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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	SJLP Continued						
13	Transmission						
14	352	383			1.83		
15	353	18,728			1.70		
16	354				1.85		
17	355	13,783			2.93		
18	356	8,206			2.32		
19	357	16			1.70		
20	358	32			2.49		
21	35901						
22	Subtotal	41,148			2.24	Composite Rate	
23							
24	Distribution						
25	361	2,444			1.61		
26	362	37,363			2.08		
27	364	35,422			3.89		
28	365	27,912			2.18		
29	366	8,664			1.70		
30	367	22,537			2.49		
31	368	38,093			3.45		
32	36901	4,408			3.64		
33	36902	11,029			3.05		
34	370	8,085			2.00		
35	371	5,096			5.12		
36	373	5,859			3.18		
37	374						
38	Subtotal	206,912			2.87	Composite Rate	
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Name of Respondent KCP&L Greater Missouri Operations Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2011		Year/Period of Report End of 2010/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	SJLP Continued						
13	General						
14	390	6,873			2.73		
15	391	773			4.17		
16	39102	1,504			12.50		
17	39104	380			11.11		
18	392	5,057			11.25		
19	393	97			3.70		
20	394	2,012			3.68		
21	395	832			3.43		
22	396	1,359			4.45		
23	397	6,094			3.70		
24	398	54			3.71		
25	39901	10			2.22	Composite Rate	
26	Subtotal	25,045			5.64	Composite Rate	
27							
28	SJLP Total Depr Plant	553,289			2.65	Composite Rate	
29							
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Name of Respondent KCP&L Greater Missouri Operations Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2011		Year/Period of Report End of 2010/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	ECORP						
13	Intangible						
14	30302	541			20.00		
15	Subtotal	541			20.00	Composite Rate	
16							
17	General						
18	390	10,961			2.22		
19	391	4,042			4.17		
20	39102	7,698			12.50		
21	39104	20,173			11.11		
22	392				12.50		
23	393	10			3.70		
24	394	22			3.57		
25	395				3.57		
26	396	21			4.45		
27	397	1,191			3.70		
28	398	72			4.17		
29	39901						
30	Subtotal	44,190			8.29	Composite Rate	
31							
32	ECORP Total Depr Plant	44,731			8.43	Composite Rate	
33							
34							
35							
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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	GMO Composite						
13	301	22			4.63	Composite Rate	
14	302						
15	303	21,901			2.50	Composite Rate	
16	30301	607			1.92	Composite Rate	
17	30302	1,112			20.00	Composite Rate	
18	35004	12,498			1.19	Composite Rate	
19	352	8,005			1.83	Composite Rate	
20	353	126,929			1.70	Composite Rate	
21	354	324			1.85	Composite Rate	
22	355	94,350			2.93	Composite Rate	
23	356	59,213			2.32	Composite Rate	
24	357	16			1.70	Composite Rate	
25	358	90			2.49	Composite Rate	
26	389						
27	390	35,723			2.57	Composite Rate	
28	391	6,820			4.17	Composite Rate	
29	39102	11,240			12.50	Composite Rate	
30	39104	21,103			11.11	Composite Rate	
31	392	19,310			11.25	Composite Rate	
32	393	191			3.70	Composite Rate	
33	394	6,281			3.68	Composite Rate	
34	395	3,134			3.43	Composite Rate	
35	396	5,549			4.45	Composite Rate	
36	397	32,436			3.70	Composite Rate	
37	398	297			3.82	Composite Rate	
38	39901	30			2.31	Composite Rate	
39	Total Depr Plant	467,181			3.49	Composite Rate	
40							
41							
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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) 04/15/2011	Year/Period of Report 2010/Q4
KCP&L Greater Missouri Operations Company			
FOOTNOTE DATA			

**Schedule Page: 336 Line No.: 14 Column: e**

MOPUB account 301 rate is not a specific rate, but is computed on an end of life date of 2023.

**Schedule Page: 336 Line No.: 15 Column: e**

MOPUB account 303 rate is not a specific rate, but is computed on an end of life date of 2042.

**Schedule Page: 336 Line No.: 16 Column: e**

MOPUB account 30301 rate is not a specific rate, but is computed on an end of life date of 2061.

**Schedule Page: 336.1 Line No.: 26 Column: e**

MOPUB account 360 rate is not a specific rate, but is computed based on an end of life date of 2085.

**Schedule Page: 336.7 Line No.: 38 Column: e**

<u>Account</u>	<u>Description</u>	<u>Reference</u>	<u>MOPUB</u>	<u>SJLP</u>	<u>Total</u>
39901	Other Tangible Property (Asset Retirement Costs for Gen Plant) % of Total	Pg. 207 2010 MO Annual Reports	20,112 67.16%	9,835 32.84%	29,947 100.00%
	Depreciation Rates	Pg. 337 2010 FERC Form 1	2.35%	2.22%	
	Weighted Average Rate		1.58%	0.73%	2.31%

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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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	Federal Energy Regulatory Commission		556,147	556,147	
2					
3	FERC Regulatory Proceedings:				
4	AD10-14 (KCPL GMO cmmts 07-06-10 rel stds cnf)				
5	AD11-1 (KCPL comments 11-18-10 rel stds conf)				
6	EL00-95 (KCPL GMO/San Diego Gas v Sellrs Enrg)				
7	EL02-71 (KCPL GMO/San Diego Gas v Sellrs Enrg)				
8	ER09-304 (KCPL GMO Market-Based Rate Auth)				
9	ER10-230 (KCPL/KCPL GMO Rev tariff OATT)				
10	ER10-331 (KCPL GMO Ntwrk Intgrtn Svc with SPP)				
11	ER10-814 (KCPL GMO/SPP/NW Enrgy Cntr Agmt)				
12	ER10-833 (KCPL GMO Intervn SPP docket)				
13	ER10-1069 (KCPL GMO Intervn SPP docket)				
14	ER10-1237 (KCPL GMO/Westar Cost-Based Agmt)				
15	ER10-1269 (KCPL GMO Intervn SPP docket)				
16	ER10-1327 (KCPL GMO 2nd Rvsd Svc Agmt)				
17	ER10-1960 (SPP/KCPL/Others eTariff OATT)				
18	ER10-2035 (KCPL GMO Rvsd Interconn Agmt)				
19	ER10-2097 (KCPL GMO eTariff baseline & Compl)				
20	ER10-2098 (KCPL GMO Vol 33 Cost-Based bsln)				
21	ER10-2116 (KCPL GMO Baseline e-tariff OATT)				
22	ER10-2608 (KCPL GMO/SPP/Union Wind LLC Agmt)				
23	ER11-1902 (KCPL GMO Attch L Compliance Filing)				
24	ER11-1972 (KCPL GMO/SPP NITSA and NOAS SPP)				
25	ER11-2026 (KCPL GMO Revisn to Sec 23.1 OATT)				
26	ER11-2275 (KCPL GMO Intervn MISO docket)				
27	ER11-2330 (KCPL GMO Rvsd Attch H OATT)				
28	ER11-2345 (SPP rvsn to OATT-KCPL GMO trns rte)				
29	PA11-17 (KCPL short term debt FERC audit)				
30	ES10-19 (KCPL GMO Issue Short-Term Debt)				
31	ES10-38 (KCPL GMO Issue Long-Term Debt)				
32	ID-5799 (GPE/KCPL/KCPL GMO FERC Form No. 561)				
33	IN79-6 (KCPL GMO Ext to file Form No. 580)				
34	OA08-18 (KCPL GMO Supp Attach L Compl Filing)				
35	RM06-16 (KCPL GMO cmmts 9-23-10 tech conf)				
36	RM09-25 (KCPL GMO cmmts Re: prsnl train stds)				
37	RM10-6 (KCPL GMO cmmts re: trns plan rel std)				
38	RM10-23 (KCPL GMO cmmts re: trns plan & cost)				
39	RM99-9 (Corporate Officials Designation)				
40	RR10-1 (KCPL GMO cmmts re: 4-21-10 compl NERC)				
41	ZZ10-1 (KCPL GMO CPA Cert Stmt 2009 FERC)				
42	ZZ10-2 (KCPL GMO 2009 FERC Form No. 1)				
43	RM07-10 (Grt Plns Enrgy Svs Inc. Form No. 552)				
44	Great Plains Energy Services Inc. Form No. 60				
45	KCPL GMO FERC Form No. 566				
46	TOTAL	1,122,636	2,793,320	3,915,956	1,537,078

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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	KCPL GMO FERC Form No. 714				
2	KCPL GMO FERC Form No. 715				
3	KCPL GMO FERC Form No. 3-Q				
4	Total FERC Regulatory Proceedings		528,725	528,725	
5					
6	Missouri Public Service Commission-Assessments	1,122,636		1,122,636	
7					
8	Missouri Regulatory Proceedings:				
9	Load Research Program		10,026	10,026	
10	Other Regulatory Proceedings:				
11	AX-2008-0201 (Standards of Conduct Rulemaking)				
12	EA-2011-0165 (KCPL GMO Appln Const Methane PI)				
13	EC-2009-0430 (MPSC Staff re business name)				
14	EC-2010-0052 (KCPL GMO Customer Complaint)				
15	EC-2010-0173 (KCPL GMO Customer Complaint)				
16	EC-2010-0244 (KCPL GMO Customer Complaint)				
17	EE-2009-0237 (KCPL GMO 2009 IRP)				
18	EE-2011-0119 (KCPL GMO Solar RECs)				
19	EO-2008-0216 (KCPL GMO Fuel/Prch Pwr Cst Rcov)				
20	EO-2008-0415 (KCPL GMO Fuel/Prch Pwr Cst Rcov)				
21	EO-2009-0254 (KCPL GMO Fuel/Prch Pwr Cst Rcov)				
22	EO-2010-0167 (KCPL GMO 2nd Review FAC)				
23	EO-2010-0191 (KCPL GMO Fuel/Prch Pwr Cst Rcov)				
24	EO-2010-0211 (KCPL GMO Sale Liberty Svc Cntr)				
25	EO-2010-0259 (KCPL GMO Iatan Const & Prud Aud)				
26	EO-2010-0267 (KCPL GMO Veget Mgmt Guidelines)				
27	EO-2010-0307 (KCPL GMO 2009 Reliabil Indices)				
28	EO-2011-0002 (KCPL GMO Inf Stds Comp Plan)				
29	EO-2011-0029 (KCPL GMO FAC True-Up)				
30	EO-2011-0134 (KCPL GMO SPP Cost Overruns Inv)				
31	EO-2011-0137 (KCPL GMO Change of Supplier)				
32	ER-2009-0090 (KCPL GMO 2008 Rate Case)				
33	ER-2010-0036 (KCPL GMO Intervne-Ameren Rte Cs)				
34	ER-2010-0356 (KCPL GMO 2010 Rate Case)				
35	ER-2010-0385 (KCPL GMO FAC)				
36	ER-2011-0179 (KCPL GMO FAC)				
37	ER-2011-0180 (KCPL GMO FAC)				
38	EU-2010-0194 (KCPL and KCPL GMO Solr Reb Prgm)				
39	EU-2011-0034 (KCPL GMO Const Acctg Order app)				
40	EW-2009-0290 (PURPA IRP)				
41	EW-2009-0291 (PURPA Rate Design)				
42	EW-2009-0292 (PURPA Smart Grid)				
43	EW-2010-0187 (Coord state/fed demnd side svgs)				
44	EW-2010-0265 (Imp S.393.1075 MO Enrgy Eff Inv)				
45	EW-2011-0136 (Rep File MO DSM Potential Study)				
46	TOTAL	1,122,636	2,793,320	3,915,956	1,537,078

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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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	EX-2010-0122 (Rlemking-amend rptg requiremnts)				
2	EX-2010-0169 Rlemking-Renewble Enrgy Std Rqmt)				
3	EX-2010-0368 (Imp S.393.1075 MO Enrgy Eff Inv)				
4	GW-2010-0120 (Rpstry-Undrgrnd Fac Dmg Prv Act)				
5	HC-2010-0235 (Ag Processing, Inc. Complaint)				
6	HR-2007-0028 (KCPL GMO QCA)				
7	HR-2007-0399 (KCPL GMO QCA)				
8	HR-2008-0340 (KCPL GMO QCA)				
9	HT-2010-0288 (KCPL GMO QCA)				
10	HR-2010-0028 (KCPL GMO QCA)				
11	JE-2010-0389 (KCPL GMO TAR Replace Rate IDs)				
12	JE-2010-0402 (KCPL GMO TAR AAO Prp C Inc Cost)				
13	JE-2010-0403 (KCPL GMO TAR AAO Prp C Inc Cost)				
14	JE-2010-0404 (KCPL GMO TAR Net Metering)				
15	JE-2010-0416 (KCPL GMO TAR FAC)				
16	JE-2010-0430 (KCPL GMO TAR AAO Prp C Inc Cost)				
17	JE-2010-0431 (KCPL GMO TAR Slr Phot Reb Prgrm)				
18	JE-2011-0334 (KCPL TAR Prv Area Lighting Appl)				
19	JE-2011-0326 (KCPL GMO TAR FAC)				
20	JE-2011-0319 (KCPL GMO TAR Hme Perf Enrgy Str)				
21	JE-2011-0114 (KCPL GMO TAR Slr Phot Reb Prgrm)				
22	JE-2011-0039 (KCPL GMO Energy Star New Homes)				
23	JE-2010-0765 (KCPL GMO TAR FAC)				
24	JE-2010-0708 (KCPL GMO TAR Avoid Fuel Cst Mtr)				
25	JE-2010-0693 (KCPL GMO TAR Rate Relief CEP)				
26	Total Other Missouri Regulatory Proceedings		1,328,080	1,328,080	
27					
28	Missouri 2007 Rate Case				
29	Amortize 6/2007-5/2010		90,322	90,322	90,322
30					
31	Missouri 2009 Rate Case				
32	Amortize 9/2009 - 8/2011		234,106	234,106	390,177
33					
34	Missouri 2010 Rate Case				1,056,579
35					
36	Misc Tariff Filings & Reg Comm Exp (MO)		45,914	45,914	
37					
38					
39					
40					
41					
42					
43					
44					
45					
46	TOTAL	1,122,636	2,793,320	3,915,956	1,537,078

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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)					
Electric	928	556,147					1
							2
							3
							4
							5
							6
							7
							8
							9
							10
							11
							12
							13
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							36
							37
							38
							39
							40
							41
							42
							43
							44
							45
		3,915,956	2,121,146		324,428	3,333,796	46

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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
Electric	928	528,725					4
							5
Electric	928	1,122,636					6
							7
							8
Electric	928	10,026					9
							10
							11
							12
							13
							14
							15
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							37
							38
							39
							40
							41
							42
							43
							44
							45
		3,915,956	2,121,146		324,428	3,333,796	46

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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
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							14
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							16
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							18
							19
							20
							21
							22
							23
							24
							25
Electric	928	1,328,080					26
							27
							28
Electric	928	90,322			90,322		29
							30
							31
Electric	928	234,106			234,106	156,071	32
							33
			2,121,146			3,177,725	34
							35
Electric	928	45,914					36
							37
							38
							39
							40
							41
							42
							43
							44
							45
		3,915,956	2,121,146		324,428	3,333,796	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) 04/15/2011	Year/Period of Report 2010/Q4
KCP&L Greater Missouri Operations Company			
FOOTNOTE DATA			

**Schedule Page: 350.1 Line No.: 4 Column: c**

Per Docket No. ER10-230-000, FERC transmission formula rate, additional detail for FERC Transmission Regulatory Commission expense has been provided below:

FERC Transmission Formula Rate Docket ER10-230-000	328,916
E-Tariff (Transmission)	48,565
All Other FERC Regulatory Commission Expense	151,244
Total FERC Regulatory Proceedings	528,725



Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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	Fuel Planning Research
2		
3		
4		
5	B(1) Research Support to EPRI	Carbon Capture Storage
6		
7	B(1) Research Support to EPRI	Compressed Air Demonstration
8		
9	B(1) Research Support to EPRI	Energy Efficiency Demonstration
10		
11	B(1) Research Support to EPRI	Smart Grid Demonstration
12		
13		
14	B(1) Research Support to EPRI	BioFuel Demonstration
15		
16		
17		
18	B(1) Research Support to EPRI	Research Support to EPRI
19		
20		
21	B(5) Total	
22		
23		
24		
25		
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Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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)		
1,556		557	1,556		1
115		408.1	115		2
507		926	507		3
					4
181,125		557	181,125		5
					6
47,093		557	47,093		7
					8
63,487		588	63,487		9
					10
55,023		588	55,023		11
167		921	167		12
					13
30,669		501	30,669		14
536		408.1	536		15
2,522		926	2,522		16
					17
633,625		930.2	633,625		18
					19
					20
1,016,425			1,016,425		21
					22
					23
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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)	Year/Period of Report
KCP&L Greater Missouri Operations Company		04/15/2011	2010/Q4
FOOTNOTE DATA			

**Schedule Page: 352 Line No.: 18 Column: f**

Additional detail for specific Transmission Research and Development expenses, to be used in the FERC Transmission Formula Rate per settlement of Docket No. ER10-230-000, has been provided below:

Transmission Specific Projects/Programs:	
Transmission Environmental Issues	\$ 52,079
Transmission Lines & Substation Reliability	156,826
Transmission Grid Operations	59,015
Efficient Transmission Systems	34,127
Total Transmission Specific Project/Programs	302,047
Other Research & Development Expenses	331,578
Total Page 353, Line 14, Column f	\$ 633,625

FERC FORM NO. 1 (ED. 12-88) Page 354

Name of Respondent KCP&L Greater Missouri Operations Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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)	66,000,922	844,316	66,845,238	
66	Utility Plant				
67	Construction (By Utility Departments)				
68	Electric Plant	18,119,700	6,636,255	24,755,955	
69	Gas Plant				
70	Other (provide details in footnote):				
71	TOTAL Construction (Total of lines 68 thru 70)	18,119,700	6,636,255	24,755,955	
72	Plant Removal (By Utility Departments)				
73	Electric Plant	2,782,445	170,833	2,953,278	
74	Gas Plant				
75	Other (provide details in footnote):				
76	TOTAL Plant Removal (Total of lines 73 thru 75)	2,782,445	170,833	2,953,278	
77	Other Accounts (Specify, provide details in footnote):				
78	Misc Income Deductions	411,166	5,732	416,898	
79	Unit Trains	37,107	332	37,439	
80	Miscellaneous & Billing Work Orders	5,260	1,046	6,306	
81	Deferred Customer Programs	138,145	1,294	139,439	
82	latan 2 Constr Accounting	449,215	2,972	452,187	
83					
84					
85					
86					
87					
88					
89					
90					
91					
92					
93					
94					
95	TOTAL Other Accounts	1,040,893	11,376	1,052,269	
96	TOTAL SALARIES AND WAGES	87,943,960	7,662,780	95,606,740	

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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 KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of <u>2010/Q4</u>
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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)	1,031,196	1,765,973	2,392,576	759,431
3	Net Sales (Account 447)	4,597,408	1,929,441	3,004,260	1,921,222
4	Transmission Rights				
5	Ancillary Services	( 670,134)	374,247	392,429	261,608
6	Other Items (list separately)				
7					
8					
9					
10					
11					
12					
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40					
41					
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45					
46	TOTAL	4,958,470	4,069,661	5,789,265	2,942,261

In columns for usage, report usage-related billing determinant and the unit of measure.

(6) On line 7 columns (b), (c), (d), (e), (f), and (g) report the total amount of all other types ancillary services purchased or sold during the year. Include in a footnote and specify the amount for each type of other ancillary service provided.

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Name of Respondent KCP&L Greater Missouri Operations Company				This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2011		Year/Period of Report End of 2010/Q4		
MONTHLY TRANSMISSION SYSTEM PEAK LOAD										
<p>(1) Report the monthly peak load on the respondent's transmission system. If the respondent has two or more power systems which are not physically integrated, furnish the required information for each non-integrated system.</p> <p>(2) Report on Column (b) by month the transmission system's peak load.</p> <p>(3) Report on Columns (c ) and (d) the specified information for each monthly transmission - system peak load reported on Column (b).</p> <p>(4) Report on Columns (e) through (j) by month the system' monthly maximum megawatt load by statistical classifications. See General Instruction for the definition of each statistical classification.</p>										
NAME OF SYSTEM: Total KCP&L Greater Missouri Operations 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	1,682	7	1900	1,653	28		1		
2	February	1,491	9	800	1,468	22		1		
3	March	1,240	1	2000	1,219	20		1		
4	Total for Quarter 1	4,413			4,340	70		3		
5	April	1,066	14	1700	1,047	19				
6	May	1,549	24	1700	1,517	31		1		
7	June	1,853	22	1700	1,815	37		1		
8	Total for Quarter 2	4,468			4,379	87		2		
9	July	1,886	14	1700	1,847	38		1		
10	August	1,995	11	1700	1,953	41		1		
11	September	1,628	20	1700	1,594	33		1		
12	Total for Quarter 3	5,509			5,394	112		3		
13	October	1,135	8	1700	1,113	21		1		
14	November	1,318	30	1900	1,295	22		1		
15	December	1,488	13	800	1,463	24		1		
16	Total for Quarter 4	3,941			3,871	67		3		
17	Total Year to Date/Year	18,331			17,984	336		11		

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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: KCP&L GMOC-MOPUB

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	1,242	7	1900	1,213	28		1		
2	February	1,071	9	800	1,048	22		1		
3	March	926	1	2000	905	20		1		
4	Total for Quarter 1	3,239			3,166	70		3		
5	April	791	14	2100	773	18				
6	May	1,195	24	1700	1,163	31		1		
7	June	1,434	22	1700	1,396	37		1		
8	Total for Quarter 2	3,420			3,332	86		2		
9	July	1,451	14	1700	1,412	38		1		
10	August	1,563	13	1600	1,521	41		1		
11	September	1,276	20	1700	1,242	33		1		
12	Total for Quarter 3	4,290			4,175	112		3		
13	October	859	8	1700	837	21		1		
14	November	971	30	1900	948	22		1		
15	December	1,101	12	1900	1,075	25		1		
16	Total for Quarter 4	2,931			2,860	68		3		
17	Total Year to Date/Year	13,880			13,533	336		11		

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of <u>2010/Q4</u>
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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: KCPL&L GMOC-SJLP

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	440	7	1900	440					
2	February	420	9	800	420					
3	March	344	3	800	344					
4	Total for Quarter 1	1,204			1,204					
5	April	277	14	1400	277					
6	May	354	24	1700	354					
7	June	427	23	1400	427					
8	Total for Quarter 2	1,058			1,058					
9	July	437	14	1600	437					
10	August	447	10	1800	447					
11	September	354	20	1800	354					
12	Total for Quarter 3	1,238			1,238					
13	October	276	8	1700	276					
14	November	347	30	1900	347					
15	December	402	13	800	402					
16	Total for Quarter 4	1,025			1,025					
17	Total Year to Date/Year	4,525			4,525					

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of <u>2010/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 KCP&L Greater Missouri Operations Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2011		Year/Period of Report End of 2010/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)	8,339,054		
3	Steam	5,543,760	23	Requirements Sales for Resale (See instruction 4, page 311.)	34,108		
4	Nuclear		24	Non-Requirements Sales for Resale (See instruction 4, page 311.)	448,959		
5	Hydro-Conventional		25	Energy Furnished Without Charge			
6	Hydro-Pumped Storage		26	Energy Used by the Company (Electric Dept Only, Excluding Station Use)	18,640		
7	Other	105,728	27	Total Energy Losses	666,255		
8	Less Energy for Pumping		28	TOTAL (Enter Total of Lines 22 Through 27) (MUST EQUAL LINE 20)	9,507,016		
9	Net Generation (Enter Total of lines 3 through 8)	5,649,488					
10	Purchases	3,857,528					
11	Power Exchanges:						
12	Received						
13	Delivered						
14	Net Exchanges (Line 12 minus line 13)						
15	Transmission For Other (Wheeling)						
16	Received	192,116					
17	Delivered	192,116					
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)	9,507,016					

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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	922,346	44,824	1,653	7	7:00 PM
30	February	809,340	58,221	1,468	9	8:00 AM
31	March	726,158	32,446	1,219	1	8:00 PM
32	April	615,330	33,945	1,047	14	5:00 PM
33	May	667,516	13,374	1,517	24	5:00 PM
34	June	882,260	29,713	1,815	22	5:00 PM
35	July	961,390	38,687	1,847	14	5:00 PM
36	August	992,724	43,602	1,953	11	5:00 PM
37	September	736,143	48,034	1,594	20	5:00 PM
38	October	657,942	41,670	1,113	8	5:00 PM
39	November	674,142	22,727	1,295	30	7:00 PM
40	December	861,725	41,716	1,463	13	8:00 AM
41	TOTAL	9,507,016	448,959			

STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants)							
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 therm 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>Sibley</i> (b)			Plant Name: <i>Ralph Green</i> (c)		
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam			Gas Turbine		
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Outdoor Boiler			Gas Turbine		
3	Year Originally Constructed	1960			1981		
4	Year Last Unit was Installed	1969			1981		
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	523.50			88.90		
6	Net Peak Demand on Plant - MW (60 minutes)	479			71		
7	Plant Hours Connected to Load	8146			33		
8	Net Continuous Plant Capability (Megawatts)	0			0		
9	When Not Limited by Condenser Water	508			0		
10	When Limited by Condenser Water	508			0		
11	Average Number of Employees	118			0		
12	Net Generation, Exclusive of Plant Use - KWh	2788168000			122000		
13	Cost of Plant: Land and Land Rights	396706			11376		
14	Structures and Improvements	40090829			1446707		
15	Equipment Costs	348573966			13534143		
16	Asset Retirement Costs	571287			890		
17	Total Cost	389632788			14993116		
18	Cost per KW of Installed Capacity (line 17/5) Including	744.2842			168.6515		
19	Production Expenses: Oper, Supv, & Engr	494151			0		
20	Fuel	75799041			62443		
21	Coolants and Water (Nuclear Plants Only)	0			0		
22	Steam Expenses	3645294			0		
23	Steam From Other Sources	0			0		
24	Steam Transferred (Cr)	0			0		
25	Electric Expenses	1054927			44847		
26	Misc Steam (or Nuclear) Power Expenses	2098718			0		
27	Rents	2012			0		
28	Allowances	1053143			0		
29	Maintenance Supervision and Engineering	1027619			3345		
30	Maintenance of Structures	1128199			9302		
31	Maintenance of Boiler (or reactor) Plant	7712917			0		
32	Maintenance of Electric Plant	2175868			232266		
33	Maintenance of Misc Steam (or Nuclear) Plant	66517			0		
34	Total Production Expenses	96258406			352203		
35	Expenses per Net KWh	0.0345			2.8869		
36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Coal	Propane	Alternative	Gas		
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Col-tons	Propane-bbl	Alternative-t	Gas-mcf		
38	Quantity (Units) of Fuel Burned	1592861	22621	7166	11685	0	0
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	9251	94151	14050	1000	0	0
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	42.715	51.810	44.311	5.322	0.000	0.000
41	Average Cost of Fuel per Unit Burned	41.815	51.810	44.311	5.322	0.000	0.000
42	Average Cost of Fuel Burned per Million BTU	4181.493	1310.203	157.692	532.215	0.000	0.000
43	Average Cost of Fuel Burned per KWh Net Gen	0.027	0.000	0.000	0.512	0.000	0.000
44	Average BTU per KWh Net Generation	10674.092	0.000	0.000	95778.689	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 therm 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: Nevada (b)			Plant Name: South Harper (c)		
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Combustion Turbine			Gas Turbine		
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Full Outdoor			Gas Turbine		
3	Year Originally Constructed	1974			2005		
4	Year Last Unit was Installed	1974			2005		
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	21.60			387.60		
6	Net Peak Demand on Plant - MW (60 minutes)	28			357		
7	Plant Hours Connected to Load	9			303		
8	Net Continuous Plant Capability (Megawatts)	0			0		
9	When Not Limited by Condenser Water	25			0		
10	When Limited by Condenser Water	0			0		
11	Average Number of Employees	0			8		
12	Net Generation, Exclusive of Plant Use - KWh	-54000			57942000		
13	Cost of Plant: Land and Land Rights	59905			1034874		
14	Structures and Improvements	297862			10884973		
15	Equipment Costs	2771567			108459342		
16	Asset Retirement Costs	24985			0		
17	Total Cost	3154319			120379189		
18	Cost per KW of Installed Capacity (line 17/5) Including	146.0333			310.5758		
19	Production Expenses: Oper, Supv, & Engr	0			12551		
20	Fuel	26962			7209596		
21	Coolants and Water (Nuclear Plants Only)	0			0		
22	Steam Expenses	0			0		
23	Steam From Other Sources	0			0		
24	Steam Transferred (Cr)	0			0		
25	Electric Expenses	6086			460387		
26	Misc Steam (or Nuclear) Power Expenses	0			1457		
27	Rents	0			0		
28	Allowances	0			4192		
29	Maintenance Supervision and Engineering	972			99139		
30	Maintenance of Structures	17935			47143		
31	Maintenance of Boiler (or reactor) Plant	0			0		
32	Maintenance of Electric Plant	192239			2577179		
33	Maintenance of Misc Steam (or Nuclear) Plant	0			0		
34	Total Production Expenses	244194			10411644		
35	Expenses per Net KWh	-4.5221			0.1797		
36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Oil			Gas		
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Oil-barrel			Gas-mcf		
38	Quantity (Units) of Fuel Burned	238	0	0	716209	0	0
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	138055	0	0	1000	0	0
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	101.570	0.000	0.000	10.014	0.000	0.000
41	Average Cost of Fuel per Unit Burned	113.284	0.000	0.000	10.014	0.000	0.000
42	Average Cost of Fuel Burned per Million BTU	1953.738	0.000	0.000	1001.380	0.000	0.000
43	Average Cost of Fuel Burned per KWh Net Gen	-0.499	0.000	0.000	0.124	0.000	0.000
44	Average BTU per KWh Net Generation	-25555.556	0.000	0.000	12360.797	0.000	0.000



STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) (Continued)			
<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>latan 2 (18%)</i>  (b)	Plant Name:  (c)				
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Steam					
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Outdoor Boiler					
3	Year Originally Constructed	2010					
4	Year Last Unit was Installed	2010					
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	153.00					0.00
6	Net Peak Demand on Plant - MW (60 minutes)	165					0
7	Plant Hours Connected to Load	8666					0
8	Net Continuous Plant Capability (Megawatts)	0					0
9	When Not Limited by Condenser Water	0					0
10	When Limited by Condenser Water	0					0
11	Average Number of Employees	36					0
12	Net Generation, Exclusive of Plant Use - KWh	260844000					0
13	Cost of Plant: Land and Land Rights	0					0
14	Structures and Improvements	44801450					0
15	Equipment Costs	302620932					0
16	Asset Retirement Costs	4890					0
17	Total Cost	347427272					0
18	Cost per KW of Installed Capacity (line 17/5) Including	2270.7665					0.0000
19	Production Expenses: Oper, Supv, & Engr	76839					0
20	Fuel	22983					0
21	Coolants and Water (Nuclear Plants Only)	0					0
22	Steam Expenses	7222					0
23	Steam From Other Sources	0					0
24	Steam Transferred (Cr)	0					0
25	Electric Expenses	9494					0
26	Misc Steam (or Nuclear) Power Expenses	9424					0
27	Rents	769					0
28	Allowances	0					0
29	Maintenance Supervision and Engineering	1435					0
30	Maintenance of Structures	53894					0
31	Maintenance of Boiler (or reactor) Plant	236967					0
32	Maintenance of Electric Plant	1830					0
33	Maintenance of Misc Steam (or Nuclear) Plant	90					0
34	Total Production Expenses	420947					0
35	Expenses per Net KWh	0.0016					0.0000
36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Coal	Oil				
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Coal-tons	Oil-barrel				
38	Quantity (Units) of Fuel Burned	139918	4290	0	0	0	0
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	8531	135906	0	0	0	0
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	18.817	100.326	0.000	0.000	0.000	0.000
41	Average Cost of Fuel per Unit Burned	19.729	96.983	0.000	0.000	0.000	0.000
42	Average Cost of Fuel Burned per Million BTU	1972.855	1699.053	0.000	0.000	0.000	0.000
43	Average Cost of Fuel Burned per KWh Net Gen	0.000	0.000	0.000	0.000	0.000	0.000
44	Average BTU per KWh Net Generation	9245.549	0.000	0.000	0.000	0.000	0.000

Name of Respondent KCP&L Greater Missouri Operations Company			This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission			Date of Report (Mo, Da, Yr) 04/15/2011			Year/Period of Report End of 2010/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: Jeffrey Ener Ctr 8% (d)			Plant Name: Crossroads (e)			Plant Name: Greenwood (f)			Line No.		
Steam			Gas Turbine			Gas Turbine (Leased)			1		
Convent. Semi-outdr			Gas Turbine			Gas Turbine			2		
1978			2002			1975			3		
1983			2002			1979			4		
172.80			306.30			284.80			5		
171			0			242			6		
8760			0			507			7		
0			0			0			8		
0			0			244			9		
0			0			212			10		
315			0			10			11		
1104381000			25323160			21977000			12		
357085			427390			233662			13		
18934964			2276012			2836854			14		
129978902			116527805			53875483			15		
7963			0			81729			16		
149278914			119231207			57027728			17		
863.8826			389.2628			200.2378			18		
206640			21717			24699			19		
19978453			1947461			9351160			20		
0			0			0			21		
591009			0			0			22		
0			0			0			23		
0			0			0			24		
126764			79158			571654			25		
173171			0			351			26		
0			0			0			27		
-66519			0			0			28		
324007			377			179409			29		
159310			0			38746			30		
1386096			0			0			31		
422331			241795			1269708			32		
269087			0			0			33		
23570349			2290508			11435727			34		
0.0213			0.0905			0.5203			35		
Coal	Oil		Gas			Gas	Oil		36		
Coal-tons	Oil-barrel		Gas-mcf			Gas-mcf	Oil-barrel		37		
741616	1682	0	344632	0	0	454293	3511	0	38		
8345	138661	0	1000	0	0	1000	138002	0	39		
25.532	92.013	0.000	5.617	0.000	0.000	20.162	92.341	0.000	40		
26.378	92.019	0.000	5.617	0.000	0.000	20.162	45.513	0.000	41		
2637.828	1580.053	0.000	561.711	0.000	0.000	2016.207	785.231	0.000	42		
0.018	0.000	0.000	0.077	0.000	0.000	0.425	0.000	0.000	43		
11216.271	0.000	0.000	13609.360	0.000	0.000	21597.261	0.000	0.000	44		

Name of Respondent KCP&L Greater Missouri Operations Company			This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission			Date of Report (Mo, Da, Yr) 04/15/2011			Year/Period of Report End of 2010/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: Lake Road (d)			Plant Name: Lake Road (e)			Plant Name: latan 1 (18%) (f)			Line No.		
Steam			Gas Turbine			Steam			1		
Outdoor Boiler			Gas Turbine			Outdoor Boiler			2		
1951			1951			1980			3		
1990			1990			1980			4		
150.50			127.60			130.70			5		
113			72			150			6		
8196			1178			7889			7		
0			0			0			8		
0			0			0			9		
0			0			0			10		
73			0			169			11		
465417000			594000			924950000			12		
50370			0			249279			13		
15105455			1477027			14486678			14		
92177421			15817837			139247229			15		
1408564			23032			3842			16		
108741810			17317896			153987028			17		
722.5369			135.7202			1178.1716			18		
362851			500			533918			19		
22880639			554719			11733877			20		
0			0			0			21		
3175460			0			1074924			22		
0			0			0			23		
0			0			0			24		
833581			327417			354079			25		
1711477			0			433324			26		
345			0			559			27		
1258263			0			-26061			28		
804905			800			59602			29		
466221			25788			222621			30		
2605892			490			1226868			31		
1071323			343149			126365			32		
44005			0			41086			33		
35214962			1252863			15781162			34		
0.0757			2.1092			0.0171			35		
Coal	Tires	Gas	Gas	Oil		Coal	Oil		36		
Coal-tons	Tires-tons	Gas-mcf	Gas-mcf	Oil-barrel		Coal-tons	Oil-barrel		37		
419802	3068	1237857	57537	3785	0	540660	3621	0	38		
8805	12309	1000	1000	128295	0	8572	137066	0	39		
34.509	41.272	4.650	8.376	81.395	0.000	18.817	100.326	0.000	40		
35.568	41.272	4.650	8.376	78.896	0.000	19.414	94.043	0.000	41		
3556.774	167.651	464.984	837.586	1464.197	0.000	1941.405	1633.609	0.000	42		
0.049	0.000	0.000	0.934	0.000	0.000	0.013	0.000	0.000	43		
18715.816	0.000	0.000	131198.653	0.000	0.000	10044.181	0.000	0.000	44		

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: (d)			Plant Name: (e)			Plant Name: (f)			Line No.
									1
									2
									3
									4
0.00			0.00			0.00			5
0			0			0			6
0			0			0			7
0			0			0			8
0			0			0			9
0			0			0			10
0			0			0			11
0			0			0			12
0			0			0			13
0			0			0			14
0			0			0			15
0			0			0			16
0			0			0			17
0.0000			0.0000			0.0000			18
0			0			0			19
0			0			0			20
0			0			0			21
0			0			0			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
									36
									37
0	0	0	0	0	0	0	0	0	38
0	0	0	0	0	0	0	0	0	39
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	40
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	41
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	42
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	43
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	44

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) 04/15/2011	Year/Period of Report 2010/Q4
KCP&L Greater Missouri Operations Company			
FOOTNOTE DATA			

**Schedule Page: 402 Line No.: -1 Column: d**

Respondent has 8% control in three 720,000 KWH generating units operated by Western Resources, Inc. Topeka, KS.

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

Sibley is comprised of three units. Hours reported are for the unit connected to load the longest.

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

Respondent has 18% ownership in one 673,728 KWH generating unit operated by Kansas City Power and Light.

**Schedule Page: 402.1 Line No.: 7 Column: f**

This represents total plant hours connected to load. Ownership is 18%.

**Schedule Page: 402.1 Line No.: 11 Column: f**

There are 205 employees at the Iatan plant. There are 30 operators and 6 shift foremen for each unit. The remainder of the employees are considered common employees and are assigned as necessary. These common employees have been included in the total number for Iatan 1. Ownership is 18%.

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

Respondent has 18% ownership in one 900,000 KWH generating unit operated by Kansas City Power and Light.

**Schedule Page: 402.2 Line No.: 7 Column: b**

This represents total plant hours connected to load. Ownership is 18%.

**Schedule Page: 402.2 Line No.: 11 Column: b**

There are 205 employees at the Iatan plant. There are 30 operators and 6 shift foremen for each unit. The remainder of the employees are considered common employees and are assigned as necessary. These common employees have been included in the total number for Iatan 1. Ownership is 18%.

**Schedule Page: 402.2 Line No.: 43 Column: b1**

I2 Fuel cost includes construction deferral. I2 Avg cost fuel burn per NET KWH Gen is skewed low, due to deferral.

CEP Docket E0-2005-0329 Construction Acctg. until effective date of rates in 2010 case. Account 182502

Name of Respondent KCP&L Greater Missouri Operations Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2011		Year/Period of Report End of <u>2010/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				

Name of Respondent KCP&L Greater Missouri Operations Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of <u>2010/Q4</u>
HYDROELECTRIC GENERATING PLANT STATISTICS (Large Plants) (Continued)					
<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> <p>6. Report as a separate plant any plant equipped with combinations of steam, hydro, internal combustion engine, or gas turbine equipment.</p>					
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 KCP&L Greater Missouri Operations Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of <u>2010/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 KCP&L Greater Missouri Operations Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of <u>2010/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		
			10		
			11		
			12		
			13		
			14		
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			21		
			22		
			23		
			24		
			25		
			26		
			27		
			28		
			29		
			30		
			31		
			32		
			33		
			34		
			35		
			36		
			37		
			38		

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	None					
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
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45						
46						

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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
						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
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						43
						44
						45
						46

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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	Overton	Stillwell	345.00	345.00	h frame wp	57.96		1
2	Camp Clark 161 Sub	Nevada 161 Sub	161.00	161.00	h frame wp	15.00		1
3	Archie Sub 026	Adrian Sub 014	161.00	161.00	h frame wp	11.33		1
4	Clinton Sub 824	Sedalia West Sub 764	161.00	161.00	h frame wp	36.20		1
5	Sedalia West Sub 764	Overton Interc.	161.00	161.00	h frame wp	43.05		1
6	Sibley Plant Sub 820	Western Electric Sub 912	161.00	161.00	h frame wp	28.76		1
7	Sibley Plant Sub 820	Sibley 345 Sub 821	161.00	161.00	h frame wp	1.19		1
8	Adrian Sub 014	Nevada 161 Sub 555	161.00	161.00	h frame wp	37.68		1
9	Nashua Sub 548	Smithville 161 Sub 823	161.00	161.00	h frame wp	2.29		1
10	Prairie Lee Sub 680	Archie Jct Sub 026	161.00	161.00	h frame wp	30.27		1
11	Sibley Plant Sub 820	Nashua Sub 548	161.00	161.00	h frame wp	27.54		1
12	Sedalia - Overton Line 008	Sedalia E Sub 766	161.00	161.00	h frame wp dc	1.73		2
13	Smithville Sub 823	KCI Sub 370	161.00	161.00	h frame wp	9.94		1
14	KCI Sub 370	Ferrelview 161 Sub 216	161.00	161.00	singe wp	4.61		1
15	Raytown #1 Sub 702	Blue Springs E Sub 064	161.00	161.00	single wp	12.01		1
16	Belton South Sub 038	South Harper Sub 826	161.00	161.00	h frame sp	9.09		1
17	Oak Grove Sub 589	Odessa Sub 591	161.00	161.00	h frame wp	10.33		1
18	Blue Springs E Sub 064	Oak Grove Sub 589	161.00	161.00	singe wp	6.65		1
19	Greenwood E. C. Sub 284	Greenwood E.C.	161.00	161.00	h frame wp	0.32		1
20	Smithville - KCI Line 016	Platte City 161 Sub 658	161.00	161.00	h frame wp dc	2.98		2
21	Longview Rd. Sub 426	Grandview E. Sub 267	161.00	161.00	h frame wp	6.02		1
22	Grandview E Sib 267	Martin City Sub 270	161.00	161.00	single wp	4.92		1
23	Ferrelview Sub 216	Roanridge Sub 740	161.00	161.00	single wp	7.07		1
24	Platte City Sub 658	KP&L Stranger Creek Sub	161.00	161.00	h frame wp	18.03		1
25	Lexington Sub 440	Odessa Sub 591	161.00	161.00	single sp	14.86		1
26	Lexington 161 Sub 440	Sibley Plant Sub 820	161.00	161.00	h frame wp	28.09		1
27	Pleasant Hill 663	Raytown #1 Sub 702	161.00	161.00	h frame wp	22.13		1
28	Western Electric Jct.	Western Electric Sub 912	161.00	161.00	single wp	2.01		1
29	Odessa Sub 591	Warrensburg East Sub 890	161.00	161.00	h frame sp	26.00		1
30	Sedalia West Sub 764-WAFB	Warrensburg East Sub 890	161.00	161.00	single dc sp	27.64		1
31	Belton South Sub 038	Martin City Sub 270	161.00	161.00	single sp	8.54		1
32	Smithville	Pope Lane	161.00	161.00	single sp	5.00		1
33								
34								
35								
36					TOTAL	1,553.95	46.19	53

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/Q4
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TRANSMISSION LINE STATISTICS			
<p>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.</p> <p>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.</p> <p>3. Report data by individual lines for all voltages if so required by a State commission.</p> <p>4. Exclude from this page any transmission lines for which plant costs are included in Account 121, Nonutility Property.</p> <p>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.</p> <p>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.</p>			

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	69,000 volt lines		69.00	69.00	single dc sp		35.20	
2	Interconnected Co. System		69.00	161.00	h frame wp	136.60	6.47	
3			69.00	69.00	all wp H&S	307.53	2.49	
4			69.00	69.00	underground	0.22		
5								
6	34,500 volt lines		34.50	69.00	all wp H&S	82.00		
7	Interconnected Co. System		34.50	34.50	all wp H&S	202.27		
8	Transmission Line Expenses							
9	Overhead							
10	Underground							
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	MPS Total					1,247.86	44.16	34
36					TOTAL	1,553.95	46.19	53

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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	Edgerton, MO	NE State Line	345.00	345.00	H-Frame W	62.34		1
2	Iatan, S.E.S.	St. Joseph	345.00	345.00	H-Frame W	31.65		1
3	Lake Road	Iowa State Line	161.00	161.00	H-Frame W	68.02	1.60	1
4	St. Joseph	Cook	161.00	161.00	Sgl Pole W	4.60		1
5	Cook	Lake Road	161.00	161.00	Sgl Pole W	6.76		1
6	KCP&L Tie	Lake Road	161.00	161.00	H-Frame W	1.32		1
7	Maryville 161 Sub	N.W. Coop Sub	161.00	161.00	Sgl Pole W	0.48		1
8	Edmond Street	Maryville	69.00	69.00	Sgl Pole W	44.88	0.43	1
9	Hwy 71 Tap	Brown's Curve	69.00	69.00	Sgl Pole W	14.35		1
10	Tarkio	Maryville Sub	69.00	69.00	Sgl Pole W	32.00		1
11	Fillmore St.	Maryville Sub	69.00	69.00	Sgl Pole W	1.72		1
12	American Oil	Hwy 71 Tap	69.00	69.00	Sgl Pole W	0.46		1
13	Fillmore St.	Maryville Tap	69.00	69.00	Sgl Pole W	1.18		1
14	Brown's Curve	Craig	69.00	69.00	Sgl Pole W	14.38		1
15	Midway	Hwy 71 Tap	69.00	69.00	Sgl Pole W	0.53		1
16	Craig	Tarkio	69.00	69.00	Sgl Pole W	17.67		1
17	Midway	American Oil	69.00	69.00	Sgl Pole W	0.05		1
18	Midway Tap	Midway Sub	161.00	161.00	Sgl Pole W	3.70		1
19	Nodaway		161.00	161.00	Sgl Pole			1
20	Transmission Line Expenses							
21	Overhead							
22	Underground							
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35	SJLP Total					306.09	2.03	19
36					TOTAL	1,553.95	46.19	53

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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)	
2-795MCM	497,314	5,683,109	6,180,423					1
795MCM	231,674	1,930,636	2,162,310					2
795MCM	35,776	741,440	777,216					3
795MCM	133,443	3,384,774	3,518,217					4
795MCM	75,138	1,829,800	1,904,938					5
795MCM	1,363,771	8,779,228	10,142,999					6
2-795MCM	8,422	160,318	168,740					7
795MCM	159,767	1,008,184	1,167,951					8
795MCM	114,566	289,570	404,136					9
795MCM	507,596	5,112,286	5,619,882					10
795MCM	799,327	1,989,856	2,789,183					11
795MCM	10,182	219,945	230,127					12
795MCM	315,960	422,812	738,772					13
795MCM	346,672	169,208	515,880					14
795MCM	504,333	1,341,382	1,845,715					15
2-795MCM	69,301	11,278,517	11,347,818					16
795MCM	173,231	612,853	786,084					17
795MCM	73,733	1,203,515	1,277,248					18
477MCM		43,864	43,864					19
795MCM	160,172	280,517	440,689					20
795MCM	61,602	731,538	793,140					21
795MCM	212,267	754,697	966,964					22
795MCM	54,889	677,563	732,452					23
1192MCM	911,496	4,585,819	5,497,315					24
795MCM	254,247	2,273,534	2,527,781					25
477MCM	148,332	1,663,628	1,811,960					26
795MCM	700,665	6,960,358	7,661,023					27
795MCM	17,379	379,199	396,578					28
795MCM	345,649	5,582,079	5,927,728					29
795MCM	121,815	6,981,915	7,103,730					30
795MCM	1,691,058	5,799,763	7,490,821					31
795MCM	408,848	4,389,357	4,798,205					32
								33
								34
								35
	14,074,947	153,992,726	168,067,673	106,406	2,051,111	226,214	2,383,731	36

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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)	
								1
	1,226,593	28,939,049	30,165,642					2
								3
								4
								5
								6
	438,479	15,755,446	16,193,925					7
								8
				42,042	1,265,038	16,337	1,323,417	9
								10
								11
								12
								13
								14
								15
								16
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								34
	12,173,697	131,955,759	144,129,456	42,042	1,265,038	16,337	1,323,417	35
	14,074,947	153,992,726	168,067,673	106,406	2,051,111	226,214	2,383,731	36



Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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)	
2-795 ACSR	79,966	4,293,794	4,373,760					1
2-795 ACSR	1,055,746	2,090,565	3,146,311					2
1192.5 ACSR	411,222	5,185,300	5,596,522					3
1192.5 ACSR	26,798	352,970	379,768					4
1192.5 ACSR	9,355	953,077	962,432					5
397.5 ACSR	3,901	539,845	543,746					6
795 ACSR	27	1,925,941	1,925,968					7
VARIOUS	208,935	2,086,660	2,295,595					8
3/0 ACSR	7,669	846,867	854,536					9
3/0 ACSR	14,746	1,624,201	1,638,947					10
3/0 ACSR	2,112	95,980	98,092					11
397.5 ACSR		28,575	28,575					12
VARIOUS	801	49,073	49,874					13
3/0 ACSR	3,878	692,361	696,239					14
397.5 ACSR		14,960	14,960					15
3/0 ACSR	9,545	829,607	839,152					16
397.5 ACSR		1,583	1,583					17
397.5 ACSR	66,485	321,040	387,525					18
VARIOUS	64	104,568	104,632					19
								20
				64,364	785,714	209,877	1,059,955	21
					359		359	22
								23
								24
								25
								26
								27
								28
								29
								30
								31
								32
								33
								34
	1,901,250	22,036,967	23,938,217	64,364	786,073	209,877	1,060,314	35
	14,074,947	153,992,726	168,067,673	106,406	2,051,111	226,214	2,383,731	36

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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 completed 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 (c)	SUPPORTING STRUCTURE		CIRCUITS PER STRUCTURE	
	From (a)	To (b)		Type (d)	Average Number per Miles (e)	Present (f)	Ultimate (g)
1	No new 161KV or 345KV lines	added or altered for 2010					
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3							
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39							
40							
41							
42							
43							
44	TOTAL						

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.
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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
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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	Adrian	Dist. Unat.	161.00	12.00	
2	Adrian	Dist. Unat.	161.00	25.00	
3	Appleton City	Trans. Unat.	69.00	34.00	2.40
4	Appleton City	Dist. Unat.	69.00	12.00	
5	Belton South	Trans. Unat.	69.00	12.00	
6	Belton South	Trans. Unat.	161.00	69.00	
7	Belton South	Trans. Unat.	161.00	12.00	
8	Blue Ridge	Dist. Unat.	69.00	12.00	
9	Blue Springs East	Trans. Unat.	161.00	12.00	
10	Blue Springs South	Dist. Unat.	161.00	12.00	
11	Blue Springs West	Dist. Unat.	161.00	12.00	
12	Clinton, Green St.	Dist. Unat.	69.00	12.00	
13	Clinton Plant	Trans. Unat.	69.00	34.00	2.40
14	Clinton Plant	Trans. Unat.	69.00	12.00	
15	Clinton, SPA	Trans. Unat.	161.00	69.00	
16	Cole Camp Jct	Trans. Unat.	69.00	34.00	2.40
17	Concordia	Trans. Unat.	69.00	34.00	2.40
18	Concordia	Dist. Unat.	69.00	12.00	
19	Duncan Road	Dist. Unat.	161.00	12.00	
20	Elm	Dist. Unat.	69.00	12.00	
21	Ferrelview	Dist. Unat.	161.00	25.00	
22	Grain Valley	Dist. Unat.	161.00	12.00	
23	Grandview City	Dist. Unat.	69.00	8.00	
24	Grandview East	Dist. Unat.	161.00	12.00	
25	Grandview West	Dist. Unat.	69.00	8.00	
26	Hallmark	Dist. Unat.	161.00	12.00	
27	Harris Road	Dist. Unat.	161.00	12.00	
28	Harrisonville S.	Trans. Unat.	161.00	69.00	
29	Hook Road	Dist. Unat.	161.00	12.00	
30	K.C.I.	Dist. Unat.	161.00	12.00	
31	KC South	Dist. Unat.	161.00	12.00	
32	Lake Winnebago	Dist. Unat.	161.00	12.00	
33	Lakewood	Dist. Unat.	161.00	12.00	
34	Lee's Summit East	Dist. Unat.	161.00	12.00	
35	Lexington	Dist. Unat.	69.00	12.00	
36	Lexington	Dist. Unat.	69.00	4.00	
37	Lexington	Trans. Unat.	161.00	69.00	
38	Liberty	Dist. Unat.	69.00	12.00	
39	Liberty South	Dist. Unat.	161.00	12.00	
40	Liberty West	Dist. Unat.	161.00	12.00	

**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	Longview 161	Dist. Unat.	161.00	12.00	
2	Longview 161	Trans. Unat.	161.00	69.00	
3	Martin City 161	Trans. Unat.	161.00	69.00	
4	Metz	Trans. Unat.	69.00	34.00	2.40
5	Nevada 161	Trans. Unat.	161.00	69.00	
6	Nevada 3M	Dist. Unat.	69.00	12.00	
7	Nevada 69	Trans. Unat.	69.00	12.00	
8	Nevada Gas Turbine	Trans. Unat.	69.00	12.00	
9	Oak Grove 161	Dist. Unat.	161.00	12.00	
10	Odessa 161	Trans. Unat.	161.00	69.00	
11	Orrick	Dist. Unat.	161.00	12.00	
12	Osceola 161/34	Trans. Unat.	161.00	34.00	
13	Peculiar	Dist. Unat.	161.00	12.00	
14	Peculiar 345	Trans. Unat.	345.00	161.00	13.80
15	Platte City 161	Trans. Unat.	161.00	25.00	
16	Pleasant Hill Plant	Trans. Unat.	13.20	69.00	
17	Pleasant Hill Plant	Trans. Unat.	69.00	12.00	
18	Pleasant Hill Plant	Trans. Unat.	69.00	12.00	
19	Pleasant Hill Plant	Trans. Unat.	69.00	34.00	2.40
20	Pleasant Hill 161	Trans. Unat.	161.00	69.00	
21	Pleasant Hill 345	Trans. Unat.	345.00	161.00	13.80
22	Pope Lane	Dist. Unat.	161.00	25.00	
23	Pope Lane	Dist. Unat.	161.00	14.00	
24	Post Oak	Trans. Unat.	69.00	34.00	2.40
25	Prairie Lee	Trans. Unat.	161.00	12.00	
26	Raymore	Dist. Unat.	69.00	12.00	
27	Raymore North	Dist. Unat.	161.00	12.00	
28	Raytown #1	Dist. Unat.	161.00	12.00	
29	Raytown #4 (Frost Rd)	Dist. Unat.	161.00	12.00	
30	Richmond 161	Dist. Unat.	161.00	12.00	
31	Roanridge	Trans. Unat.	161.00	69.00	
32	Sedalia East	Dist. Unat.	161.00	12.00	
33	Sedalia Plant	Trans. Unat.	69.00	12.00	
34	Sedalia West	Trans. Unat.	161.00	69.00	
35	Sedalia West	Dist. Unat.	161.00	12.00	
36	Sibley 161	Trans. Unat.	161.00	69.00	
37	Sibley 161	Trans. Unat.	22.00	161.00	
38	Sibley 161	Trans. Unat.	22.00	4.00	
39	Sibley 345	Trans. Unat.	345.00	161.00	13.80
40	Sibley Plant	Trans. Unat.	12.00	69.00	

**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	Sibley Plant	Trans. Unat.	69.00	12.00	
2	Sibley Plant	Trans. Unat.	69.00	4.00	
3	Smithville 161	Dist. Unat.	161.00	13.80	
4	South Harper	Trans. Unat.	161.00	69.00	
5	Staley Road	Dist. Unat.	69.00	12.00	
6	Stother Road	Dist. Unat.	161.00	12.00	
7	Trenton Plant	Trans. Unat.	69.00	34.00	2.40
8	Trenton Plant	Dist. Unat.	69.00	4.00	
9	Trenton Plant	Dist. Unat.	69.00	12.00	
10	Turner Road	Dist. Unat.	161.00	12.00	
11	TWA	Trans. Unat.	161.00	12.00	
12	Warrensburg East	Dist. Unat.	69.00	12.00	
13	Warrensburg East	Dist. Unat.	161.00	12.00	
14	Warrensburg East	Trans. Unat.	161.00	69.00	
15	Warrensburg Plant	Trans. Unat.	69.00	12.00	
16	Warrensburg Plant	Trans. Unat.	69.00	4.00	
17	Warsaw 161	Dist. Unat.	161.00	69.00	
18	Warsaw 69	Dist. Unat.	69.00	12.00	
19	Western Electric	Trans. Unat.	161.00	12.00	
20	Whiteman AFB	Dist. Unat.	161.00	12.00	
21	Whiteman AFB	Dist. Unat.	161.00	12.00	
22	Windsor	Dist. Unat.	161.00	12.00	
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40	Under 10,000 KVA	Dist. Unat.			

**SUBSTATIONS**

1. Report below the information called for concerning substations of the respondent as of the end of the year.
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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	Under 10,000 KVA	Trans. Unat.			
2	Serving Customers w/energy for resale				
3	Galt, MO		12.00	4.00	
4	Gilman City, MO		12.00	4.00	
5	Liberal, MO		34.00	4.00	
6					
7	Pottawatomie, KS				
8	Jeff. Energy Center #1*		26.00	230.00	
9	Jeff. Energy Center #2*		26.00	345.00	
10	Jeff. Energy Center #3**		26.00	7.20	
11	Jeff. Energy Center #3**		26.00		
12					
13	*Represents 8% ownership of capacity				
14	1,500,000kVa				
15	**Represents 8% ownership of capacity				
16	93,334 kVa				
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40	MOPUB Total		13249.20	3589.00	60.60

**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	Ajax	Dist. Unat.	34.50	13.00	
2	Alabama Street	Dist. Unat.	161.00	13.00	
3	American Oil	Dist. Unat.	69.00	4.16	
4	Belt Junction	Dist. Unat.	34.50	13.00	
5	Brown's Curve	Dist. Unat.	69.00	13.00	
6	Brown's Curve	Dist. Unat.	69.00	34.50	
7	Burlington Junction	Dist. Unat.	69.00	13.00	
8	Cook	Dist. Unat.	161.00	13.00	
9	Craig	Dist. Unat.	69.00	13.00	
10	East	Dist. Unat.	161.00	13.00	
11	East	Dist. Unat.	161.00	34.50	
12	Edmond Street	Dist. Unat.	34.50	13.00	
13	Fairfax	Dist. Unat.	69.00	13.00	
14	Fillmore	Dist. Unat.	69.00	13.00	
15	Gower	Dist. Unat.	34.50	13.00	
16	Grant City	Dist. Unat.	34.50	13.00	
17	Hwy 48	Dist. Unat.	34.50	13.00	
18	Iatan	Dist. Unat.	34.50	13.00	
19	Industrial Park	Dist. Unat.	161.00	34.50	
20	Industrial Park	Dist. Unat.	34.50	13.00	
21	Kellogg	Dist. Unat.	69.00	13.00	
22	King City	Dist. Unat.	34.50	13.00	
23	Krause Mill	Dist. Unat.	34.50	4.16	
24	Lake Road	Dist. Unat.	34.50	13.00	
25	Lake Road	Dist. Unat.	161.00	13.00	
26	Lake Road	Dist. Unat.	34.50	4.16	
27	Lake Road	Dist. Unat.	161.00	34.50	13.00
28	Maitland	Dist. Unat.	34.50	13.00	
29	Maryville	Trans. Unat.	161.00	69.00	13.00
30	Maryville	Trans. Unat.	161.00	13.00	
31	Maryville	Trans. Unat.	69.00	34.50	
32	Maryville	Dist. Unat.	69.00	13.00	
33	Messanie	Dist. Unat.	34.50	13.00	
34	Midway	Trans. Unat.	161.00	69.00	
35	Mound City	Dist. Unat.	69.00	13.00	
36	Muddy Creek	Dist. Unat.	34.50	13.00	
37	Nodaway	Dist. Unat.	69.00	13.00	
38	Oak Street	Dist. Unat.	34.50	13.00	
39	Oregon	Dist. Unat.	34.50	13.00	
40	Parnell	Dist. Unat.	34.50	13.00	



**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	Pickering	Dist. Unat.	69.00	13.00	
2	Quaker Oats	Dist. Unat.	34.50	13.00	
3	Ravenwood	Dist. Unat.	34.50	13.00	
4	Rochester	Dist. Unat.	34.50	13.00	
5	Rosecrans	Dist. Unat.	34.50	13.00	
6	Rushville	Dist. Unat.	34.50	13.00	
7	Savannah	Dist. Unat.	69.00	13.00	
8	St. Joseph	Trans. Unat.	345.00	161.00	13.00
9	Tarkio	Dist. Unat.	69.00	13.00	
10	Wire Rope	Dist. Unat.	34.50	4.16	
11	Woodbine	Dist. Unat.	161.00	13.00	
12	Worth	Dist. Unat.	34.50	13.00	
13	Edmond Street	Dist. Unat.	161.00	34.50	
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	SJLP Total		4174.50	1042.64	39.00
40					

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)	
13	1					1
30	1					2
9	3	1				3
11	1					4
50	2					5
100	1					6
30	1					7
25	1					8
75	3					9
60	2					10
50	2					11
31	2					12
13	1	1				13
31	2					14
150	2					15
11	1					16
8	1	1				17
25	1					18
30	1					19
7	1					20
100	2					21
30	1					22
19	2					23
55	2					24
40	2	1				25
50	2					26
25	1					27
50	1					28
55	2					29
50	2					30
55	2					31
50	2					32
50	2					33
90	3					34
40	2		Capacitors	2	1	35
4	1					36
50	1					37
60	3					38
55	2					39
85	3					40

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.

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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)	
50	2					1
100	1					2
50	1					3
14	1					4
100	2		Capacitors	1	24	5
40	2					6
45	2					7
25	1					8
50	2					9
33	1					10
10	1					11
30	1					12
30	1					13
400	1					14
60	2					15
56	2					16
45	2					17
100	1					18
13	1					19
100	1					20
400	1	1				21
50	1					22
20	1					23
14	1					24
50	2					25
50	2					26
30	1					27
70	2					28
84	2		Capacitors	1	50	29
50	2					30
50	1		Capacitors	1	50	31
50	2					32
20	1					33
200	2					34
80	3					35
200	2					36
450	1					37
25	1					38
400	1					39
118	2					40

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.

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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
25	2					2
20	1					3
50	1					4
50	2					5
25	1					6
9	1					7
5	1					8
5	1					9
60	2					10
50	2					11
20	1		Capacitors	1	40	12
30	1					13
50	1					14
40	2		Capacitors	1	19	15
5	3					16
50	1					17
21	2					18
174	5		Capacitors	1	50	19
30	1					20
25	1					21
13	1					22
						23
						24
						25
						26
						27
						28
						29
						30
						31
						32
						33
						34
						35
						36
						37
						38
						39
235	171	14	(70 Stations)			40

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.

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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)	
29	9	1	(5 Stations)			1
						2
1	3					3
1	3					4
3	3					5
						6
						7
60	1					8
60	1					9
8	2					10
60	1					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
6768	355	20		8	234	40

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.

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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)	
42	4					1
55	2					2
2	1					3
40	5					4
2	1					5
8	1					6
4	1					7
60	2					8
2	1					9
60	2					10
134	2					11
34	3					12
4	1					13
39	4					14
5	1					15
4	1					16
2	1					17
9	1					18
104	2					19
21	2					20
14	2					21
4	1					22
3	1					23
205	6					24
100	1					25
15	4					26
133	2					27
4	1					28
100	2					29
30	1					30
21	2					31
21	2					32
28	4					33
50	1					34
11	2					35
7	1					36
21	2					37
27	4					38
11	2					39
2	1					40

Name of Respondent KCP&L Greater Missouri Operations Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/15/2011	Year/Period of Report End of 2010/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)	
2	1					1
14	2					2
3	1					3
5	1					4
10	2					5
5	1					6
32	3					7
600	2					8
12	2					9
12	2					10
30	1					11
1	3	1				12
67	1					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
2231	102	1				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) 04/15/2011	Year/Period of Report 2010/Q4
KCP&L Greater Missouri Operations Company			
FOOTNOTE DATA			

<b>Schedule Page: 426.1 Line No.: 8 Column: a</b>
This line item includes GSU transformers.
<b>Schedule Page: 426.1 Line No.: 16 Column: a</b>
This line item includes GSU transformers.
<b>Schedule Page: 426.1 Line No.: 18 Column: a</b>
This line item includes GSU transformers.
<b>Schedule Page: 426.1 Line No.: 37 Column: a</b>
This line item includes GSU transformers.
<b>Schedule Page: 426.1 Line No.: 38 Column: a</b>
This line item includes GSU transformers.
<b>Schedule Page: 426.1 Line No.: 40 Column: a</b>
This line item includes GSU transformers.
<b>Schedule Page: 426.2 Line No.: 2 Column: a</b>
This line item includes GSU transformers.
<b>Schedule Page: 426.4 Line No.: 24 Column: a</b>
This line item includes GSU transformers.
<b>Schedule Page: 426.4 Line No.: 25 Column: a</b>
This line item includes GSU transformers.
<b>Schedule Page: 426.4 Line No.: 26 Column: a</b>
This line item includes GSU transformers.



TRANSACTIONS WITH ASSOCIATED (AFFILIATED) COMPANIES				
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<p>1. Report below the information called for concerning all non-power goods or services received from or provided to associated (affiliated) companies.</p> <p>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".</p> <p>3. Where amounts billed to or received from the associated (affiliated) company are based on an allocation process, explain in a footnote.</p>				
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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	Construction work in progress	KCP&L	107	24,470,589
3	Retirements	KCP&L	108	4,444,932
4	Undistributed stores expense	KCP&L	163	2,512,495
5	Deferred customer program expense	KCP&L	182	459,901
6	Fleet, overhead and tool clearings	KCP&L	184	10,598,869
7	Payroll taxes	KCP&L	408	5,179,496
8	Community services and donations	KCP&L	426.1	909,023
9	Lobbying	KCP&L	426.4	195,959
10	Generation supervision & engineering	KCP&L	500	2,131,304
11	Fuel	KCP&L	501	3,613,561
12	Steam expense	KCP&L	502	4,855,099
13	Electric expense	KCP&L	505	1,751,558
14	Miscellaneous steam power	KCP&L	506	1,789,440
15	Generation maintenance supervision & engineering	KCP&L	510	1,757,615
16	Maintenance of structures	KCP&L	511	914,867
17	Maintenance of boiler plant	KCP&L	512	3,269,551
18	Maintenance of electric plant	KCP&L	513	802,487
19	Generation expense	KCP&L	548	694,931
20	Non-power Goods or Services Provided for Affiliate			
21	Construction work in progress	KCP&L	107	765,034
22	Common use facilities, networks and phones	KCP&L	922	3,035,933
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1	Non-power Goods or Services Provided by Affiliated			
2	Other power supply maintenance supervision & eng	KCP&L	551	278,079

TRANSACTIONS WITH ASSOCIATED (AFFILIATED) COMPANIES				
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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	Maintenance of generating & electric equipment	KCP&L	553	972,488
4	System control and load dispatching	KCP&L	556	1,165,942
5	Other power supply expenses	KCP&L	557	2,614,610
6	Transmission supervision & engineering	KCP&L	560	1,064,963
7	Transmission load dispatching	KCP&L	561	528,591
8	Transmission expense	KCP&L	566	934,203
9	Transmission maintenance	KCP&L	570	534,704
10	Distribution supervision & engineering	KCP&L	580	3,885,836
11	Distribution load dispatching	KCP&L	581	712,911
12	Overhead line expense	KCP&L	583	1,215,427
13	Underground line expense	KCP&L	584	690,946
14	Meter expense	KCP&L	586	2,053,867
15	Distribution expense	KCP&L	588	5,822,885
16	Maintenance of distribution structures	KCP&L	591	305,616
17	Maintenance of station equipment	KCP&L	592	340,763
18	Maintenance of overhead lines	KCP&L	593	1,951,817
19	Maintenance of underground lines	KCP&L	594	558,744
20	Non-power Goods or Services Provided for Affiliate			
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1	Non-power Goods or Services Provided by Affiliated			
2	Maintenance of line transformers	KCP&L	595	334,563
3	Maintenance of street lighting & signals	KCP&L	596	287,457
4	Maintenance of misc distribution plant	KCP&L	598	332,800

TRANSACTIONS WITH ASSOCIATED (AFFILIATED) COMPANIES				
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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	Customer accounts supervision	KCP&L	901	627,931
6	Meter reading	KCP&L	902	1,861,769
7	Customer records and collections	KCP&L	903	5,490,265
8	Misc. customer account expenses	KCP&L	905	275,307
9	Customer service	KCP&L	910	985,617
10	Sales expense	KCP&L	912	329,105
11	Administrative and general salaries	KCP&L	920	14,754,318
12	Office supplies and expense	KCP&L	921	1,736,609
13	Common use facilities, networks and phones	KCP&L	922	8,540,261
14	Outside services	KCP&L	923	2,211,034
15	Property insurance	KCP&L	924	1,338,096
16	Injuries and damages	KCP&L	925	1,864,026
17	Employee benefits	KCP&L	926	7,165,863
18	Regulatory expense	KCP&L	928	1,216,410
19	Miscellaneous general expense	KCP&L	930	1,201,963
20	Non-power Goods or Services Provided for Affiliate			
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1	Non-power Goods or Services Provided by Affiliated			
2	Rents	KCP&L	931	2,334,081
3	General plant maintenance	KCP&L	935	1,737,138
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TRANSACTIONS WITH ASSOCIATED (AFFILIATED) COMPANIES
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<p>1. Report below the information called for concerning all non-power goods or services received from or provided to associated (affiliated) companies.</p> <p>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".</p> <p>3. Where amounts billed to or received from the associated (affiliated) company are based on an allocation process, explain in a footnote.</p>
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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)
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20	Non-power Goods or Services Provided for Affiliate			
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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) 04/15/2011	Year/Period of Report 2010/Q4
KCP&L Greater Missouri Operations 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 GMO 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.

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