

THIS FILING IS

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

Form 1 Approved
OMB No.1902-0021
(Expires 12/31/2019)
Form 1-F Approved
OMB No.1902-0029
(Expires 12/31/2019)
Form 3-Q Approved
OMB No.1902-0205
(Expires 12/31/2019)



FERC FINANCIAL REPORT

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

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

Exact Legal Name of Respondent (Company)

Kansas City Power & Light Company

Year/Period of Report

End of 2016/Q4



Deloitte & Touche LLP

Suite 3300
1100 Walnut Street
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USA

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INDEPENDENT AUDITORS' REPORT

The Board of Directors of
Kansas City Power & Light Company
Kansas City, Missouri

We have audited the accompanying financial statements of Kansas City Power & Light Company (the "Company"), which comprise the balance sheet — regulatory basis as of December 31, 2016, and the related statements of income — regulatory basis, retained earnings — regulatory basis, and cash flows — regulatory basis for the year then ended, included on pages 110 through 123 of the accompanying Federal Energy Regulatory Commission Form 1, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with the accounting requirements of the Federal Energy Regulatory Commission as set forth in its applicable Uniform System of Accounts and published accounting releases; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Company's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of

significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the regulatory-basis financial statements referred to above present fairly, in all material respects, the assets, liabilities, and proprietary capital of Kansas City Power & Light Company as of December 31, 2016, and the results of its operations and its cash flows for the year then ended in accordance with the accounting requirements of the Federal Energy Regulatory Commission as set forth in its applicable Uniform System of Accounts and published accounting releases.

Basis of Accounting

As discussed in Note 1 to the financial statements, these financial statements were prepared in accordance with the accounting requirements of the Federal Energy Regulatory Commission as set forth in its applicable Uniform System of Accounts and published accounting releases, which is a basis of accounting other than accounting principles generally accepted in the United States of America. Our opinion is not modified with respect to this matter.

Restricted Use

This report is intended solely for the information and use of the board of directors and management of the Company and for filing with the Federal Energy Regulatory Commission and is not intended to be and should not be used by anyone other than these specified parties.

A handwritten signature in cursive script that reads "Deloitte + Touche LLP".

April 18, 2017

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/forms/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/forms/form-1/form-1.pdf> and <http://www.ferc.gov/docs-filing/forms.asp#3Q-gas>.

IV. When to Submit:

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

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

V. Where to Send Comments on Public Reporting Burden.

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

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

GENERAL INSTRUCTIONS

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

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

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

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

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

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

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

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

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

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

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

DEFINITIONS

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

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

EXCERPTS FROM THE LAW

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

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

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

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

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

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

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

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

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

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

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

General Penalties

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

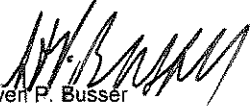
**FERC FORM NO. 1/3-Q:
REPORT OF MAJOR ELECTRIC UTILITIES, LICENSEES AND OTHER**

IDENTIFICATION		
01 Exact Legal Name of Respondent Kansas City Power & Light Company		02 Year/Period of Report End of <u>2016/Q4</u>
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, MO 64105		
05 Name of Contact Person Steven P. Busser		06 Title of Contact Person VP- Risk Mgmt & Controller
07 Address of Contact Person (Street, City, State, Zip Code) 1200 Main, Kansas City, MO 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) 04/18/2017

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 Steven P. Busser	03 Signature  Steven P. Busser	04 Date Signed (Mo, Da, Yr) 04/18/2017
02 Title VP-Risk Management & Controller		

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

LIST OF SCHEDULES (Electric Utility)

Enter in column (c) the terms "none," "not applicable," or "NA," as appropriate, where no information or amounts have been reported for certain pages. Omit pages where the respondents are "none," "not applicable," or "NA".

Line No.	Title of Schedule (a)	Reference Page No. (b)	Remarks (c)
1	General Information	101	
2	Control Over Respondent	102	
3	Corporations Controlled by Respondent	103	
4	Officers	104	
5	Directors	105	
6	Information on Formula Rates	106(a)(b)	
7	Important Changes During the Year	108-109	
8	Comparative Balance Sheet	110-113	
9	Statement of Income for the Year	114-117	
10	Statement of Retained Earnings for the Year	118-119	
11	Statement of Cash Flows	120-121	
12	Notes to Financial Statements	122-123	
13	Statement of Accum Comp Income, Comp Income, and Hedging Activities	122(a)(b)	
14	Summary of Utility Plant & Accumulated Provisions for Dep, Amort & Dep	200-201	
15	Nuclear Fuel Materials	202-203	
16	Electric Plant in Service	204-207	
17	Electric Plant Leased to Others	213	None
18	Electric Plant Held for Future Use	214	
19	Construction Work in Progress-Electric	216	
20	Accumulated Provision for Depreciation of Electric Utility Plant	219	
21	Investment of Subsidiary Companies	224-225	
22	Materials and Supplies	227	
23	Allowances	228(ab)-229(ab)	
24	Extraordinary Property Losses	230	None
25	Unrecovered Plant and Regulatory Study Costs	230	None
26	Transmission Service and Generation Interconnection Study Costs	231	
27	Other Regulatory Assets	232	
28	Miscellaneous Deferred Debits	233	
29	Accumulated Deferred Income Taxes	234	
30	Capital Stock	250-251	
31	Other Paid-in Capital	253	
32	Capital Stock Expense	254	None
33	Long-Term Debt	256-257	
34	Reconciliation of Reported Net Income with Taxable Inc for Fed Inc Tax	261	
35	Taxes Accrued, Prepaid and Charged During the Year	262-263	
36	Accumulated Deferred Investment Tax Credits	266-267	

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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LIST OF SCHEDULES (Electric Utility) (continued)

Enter in column (c) the terms "none," "not applicable," or "NA," as appropriate, where no information or amounts have been reported for certain pages. Omit pages where the respondents are "none," "not applicable," or "NA".

Line No.	Title of Schedule (a)	Reference Page No. (b)	Remarks (c)
37	Other Deferred Credits	269	
38	Accumulated Deferred Income Taxes-Accelerated Amortization Property	272-273	
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	Regional Transmission Service Revenues (Account 457.1)	302	NA
44	Sales of Electricity by Rate Schedules	304	
45	Sales for Resale	310-311	
46	Electric Operation and Maintenance Expenses	320-323	
47	Purchased Power	326-327	
48	Transmission of Electricity for Others	328-330	
49	Transmission of Electricity by ISO/RTOs	331	NA
50	Transmission of Electricity by Others	332	
51	Miscellaneous General Expenses-Electric	335	
52	Depreciation and Amortization of Electric Plant	336-337	
53	Regulatory Commission Expenses	350-351	
54	Research, Development and Demonstration Activities	352-353	
55	Distribution of Salaries and Wages	354-355	
56	Common Utility Plant and Expenses	356	None
57	Amounts included in ISO/RTO Settlement Statements	397	
58	Purchase and Sale of Ancillary Services	398	None
59	Monthly Transmission System Peak Load	400	
60	Monthly ISO/RTO Transmission System Peak Load	400a	NA
61	Electric Energy Account	401	
62	Monthly Peaks and Output	401	
63	Steam Electric Generating Plant Statistics	402-403	
64	Hydroelectric Generating Plant Statistics	406-407	NA
65	Pumped Storage Generating Plant Statistics	408-409	NA
66	Generating Plant Statistics Pages	410-411	

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of <u>2016/Q4</u>
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 Line Statistics Pages	422-423			
68	Transmission Lines Added During the Year	424-425	None		
69	Substations	426-427			
70	Transactions with Associated (Affiliated) Companies	429			
71	Footnote Data	450			
	Stockholders' Reports Check appropriate box: <input checked="" type="checkbox"/> Two copies will be submitted <input type="checkbox"/> No annual report to stockholders is prepared				

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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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.

Steven P. Busser, Vice President - Risk Management and Controller
1200 Main Street
Kansas City, MO 64105

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

Incorporated - State of Missouri, July 29, 1922

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

N/A

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

Missouri - Electric
Kansas - Electric

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

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

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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 beneficiearies for whom trust was maintained, and purpose of the trust.

The above required information is available from the below referenced SEC 10-K report Form filing for the fiscal year ending December 31, 2016:

Comission File Number	Registrant, State of Incorporation Address and Telephone Number	I.R.S. Employer Indentification Number
001-32206	Great Plains Energy Incorporated (A Missouri Corporation) 1200 Main Street Kansas City, Missouri 64105 (816) 556-2200	43-1916803
000-51873	Kansas City Power and Light Company (A Missouri Corporation) 1200 Main Street Kansas City, Missouri 64105 (816) 556-2200	44-0308720

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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CORPORATIONS CONTROLLED BY RESPONDENT

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

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

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

Definitions

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

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

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

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

Line No.	Name of Company Controlled (a)	Kind of Business (b)	Percent Voting Stock Owned (c)	Footnote Ref. (d)
1	Wolf Creek Operating Corporation	Operating agent for Wolf	47%	1
2		Creek Generating Station		
3				
4	Kansas City Power & Light Receivables Company	Corporation that purchases	100%	
5		customer receivables from		
6		KCP&L and sells to outside		
7		investors.		
8				
9	KCP&L, Inc. (Kansas)	Inactive	100%	
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11	KCP&L, Inc. (Missouri)	Inactive	100%	
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Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

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

Footnote 1: Owned and controlled jointly with Kansas Gas and Electric 47% and Kansas Electric Power Co-operative 6%.

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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, President and Chief	Terry Bassham	800,000		
2	Executive Officer				
3					
4	Executive Vice President and Chief Operating Officer	Scott H. Heidtbrink	543,000		
5					
6	Senior Vice President - Finance, Strategy and	Kevin E. Bryant	402,000		
7	Chief Financial Officer				
8					
9	Senior Vice President - Corporate Services and	Heather A. Humphrey	393,000		
10	General Counsel				
11					
12	Vice President - Corporate Planning, Investor	Lori A. Wright	296,000		
13	Relations and Treasurer (Effective March 2016)				
14					
15	Former Senior Vice President	Michael L. Deggenndorf	314,000		
16	(resigned from executive officer position May 2016)				
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Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
DIRECTORS					
1. Report below the information called for concerning each director of the respondent who held office at any time during the year. Include in column (a), abbreviated titles of the directors who are officers of the respondent.					
2. Designate members of the Executive Committee by a triple asterisk and the Chairman of the Executive Committee by a double asterisk.					
Line No.	Name (and Title) of Director (a)			Principal Business Address (b)	
1	Terry Bassham			c/o Great Plains Energy	
2	Chairman of the Board, President and Chief Executive Officer			1200 Main Street	
3				P.O. Box 418679	
4				Kansas City, MO 64141-9679	
5					
6	Dr. David L. Bodde			c/o Great Plains Energy	
7				1200 Main Street	
8				P.O. Box 418679	
9				Kansas City, MO 64141-9679	
10					
11	Randall C. Ferguson, Jr.			c/o Great Plains Energy	
12				1200 Main Street	
13				P.O. Box 418679	
14				Kansas City, MO 64141-9679	
15					
16	Gary D. Forsee			c/o Great Plains Energy	
17				1200 Main Street	
18				P.O. Box 418679	
19				Kansas City, MO 64141-9679	
20					
21	Scott D. Grimes			c/o Great Plains Energy	
22				1200 Main Street	
23				P.O. Box 418679	
24				Kansas City, MO 64141-9679	
25					
26	Thomas D. Hyde			c/o Great Plains Energy	
27				1200 Main Street	
28				P.O. Box 418679	
29				Kansas City, MO 64141-9679	
30					
31	James A. Mitchell			c/o Great Plains Energy	
32				1200 Main Street	
33				P.O. Box 418679	
34				Kansas City, MO 64141-9679	
35					
36	Ann D. Murtlow			c/o Great Plains Energy	
37				1200 Main Street	
38				P.O. Box 418679	
39				Kansas City, MO 64141-9679	
40					
41	John J. Sherman			c/o Great Plains Energy	
42				1200 Main Street	
43				P.O. Box 418679	
44				Kansas City, MO 64141-9679	
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Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
DIRECTORS					
1. Report below the information called for concerning each director of the respondent who held office at any time during the year. Include in column (a), abbreviated titles of the directors who are officers of the respondent.					
2. Designate members of the Executive Committee by a triple asterisk and the Chairman of the Executive Committee by a double asterisk.					
Line No.	Name (and Title) of Director (a)			Principal Business Address (b)	
1	Dr. Linda Hood Talbot			c/o Great Plains Energy	
2	(retired from the Board May 2016)			1200 Main Street	
3				P.O. Box 418679	
4				Kansas City, MO 64141-9679	
5					
6	Sandra J. Price			c/o Great Plains Energy	
7	(joined the Board May 2016)			1200 Main Street	
8				P.O. Box 418679	
9				Kansas City, MO 64141-9679	
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Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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INFORMATION ON FORMULA RATES
FERC Rate Schedule/Tariff Number FERC Proceeding

Does the respondent have formula rates?

☒ Yes
☐ 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 Rate (TFR)	ER10-230-000
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Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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 checked="" type="checkbox"/> Yes <input 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	20170315-5216	03/15/2017	ER17-1253-000	Annual Informational Attachment H	Transmission Formula Rate
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Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report 04/18/2017	Year/Period of Report End of 2016/Q4
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IMPORTANT CHANGES DURING THE QUARTER/YEAR

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

- Changes in and important additions to franchise rights: Describe the actual consideration given therefore and state from whom the franchise rights were acquired. If acquired without the payment of consideration, state that fact.
- Acquisition of ownership in other companies by reorganization, merger, or consolidation with other companies: Give names of companies involved, particulars concerning the transactions, name of the Commission authorizing the transaction, and reference to Commission authorization.
- Purchase or sale of an operating unit or system: Give a brief description of the property, and of the transactions relating thereto, and reference to Commission authorization, if any was required. Give date journal entries called for by the Uniform System of Accounts were submitted to the Commission.
- Important leaseholds (other than leaseholds for natural gas lands) that have been acquired or given, assigned or surrendered: Give effective dates, lengths of terms, names of parties, rents, and other condition. State name of Commission authorizing lease and give reference to such authorization.
- Important extension or reduction of transmission or distribution system: State territory added or relinquished and date operations began or ceased and give reference to Commission authorization, if any was required. State also the approximate number of customers added or lost and approximate annual revenues of each class of service. Each natural gas company must also state major new continuing sources of gas made available to it from purchases, development, purchase contract or otherwise, giving location and approximate total gas volumes available, period of contracts, and other parties to any such arrangements, etc.
- Obligations incurred as a result of issuance of securities or assumption of liabilities or guarantees including issuance of short-term debt and commercial paper having a maturity of one year or less. Give reference to FERC or State Commission authorization, as appropriate, and the amount of obligation or guarantee.
- Changes in articles of incorporation or amendments to charter: Explain the nature and purpose of such changes or amendments.
- State the estimated annual effect and nature of any important wage scale changes during the year.
- State briefly the status of any materially important legal proceedings pending at the end of the year, and the results of any such proceedings culminated during the year.
- Describe briefly any materially important transactions of the respondent not disclosed elsewhere in this report in which an officer, director, security holder reported on Page 104 or 105 of the Annual Report Form No. 1, voting trustee, associated company or known associate of any of these persons was a party or in which any such person had a material interest.
- (Reserved.)
- If the important changes during the year relating to the respondent company appearing in the annual report to stockholders are applicable in every respect and furnish the data required by Instructions 1 to 11 above, such notes may be included on this page.
- Describe fully any changes in officers, directors, major security holders and voting powers of the respondent that may have occurred during the reporting period.
- In the event that the respondent participates in a cash management program(s) and its proprietary capital ratio is less than 30 percent please describe the significant events or transactions causing the proprietary capital ratio to be less than 30 percent, and the extent to which the respondent has amounts loaned or money advanced to its parent, subsidiary, or affiliated companies through a cash management program(s). Additionally, please describe plans, if any to regain at least a 30 percent proprietary ratio.

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

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
IMPORTANT CHANGES DURING THE QUARTER/YEAR (Continued)			

1 Franchises renewed during 2016 are as follows

<u>Utility</u>	<u>Town</u>	<u>State</u>	<u>Term</u>	<u>Action</u>	<u>Consideration</u>
KCP&L	LaCygne	KS	20 years	Renewal	5% Effective 9/1/2016
KCP&L	Baldwin City	KS	20 years	Renewal	None. On October 27, 2016, KCP&L and City of Baldwin City, Kansas, finalized the sale of assets to Baldwin City. KCP&L will no longer serve retail customers in Baldwin City, KS. KCP&L will continue to own and operate electrical facilities within Baldwin City, KS (which are not used to provide electric service directly to customers in Baldwin City, KS). The franchise agreement protects KCP&L's rights to these facilities.
KCP&L	Harris	KS	20 years	Renewal	5% Effective 10/1/2016
KCP&L	Ottawa	KS	10 years	Renewal	5% Effective 11/1/2016
KCP&L	Urich	MO	20 years	Renewal	5% Effective 11/1/2016

2 None

3 None

4 None

5 None

6 Please see pages 122-123 for Notes to Financial Statements and Note 10 Short-Term Borrowings and Short-Term Bank Lines of Credit for obligations incurred during 2016.

7 None

8 Management and general contract (union) wage increases during 2016 are as follows:
KCP&L management merit average increase of 2.98% was effective 3/1/2016

The following contracts with the local IBEW bargaining unit employees were ratified in 2016:
Local 1464 increase of 3.25% effective 1/31/2016
Local 412 increase of \$1.14, per hour, effective 3/1/2016
Local 1613 increase of 2.75% effective 4/1/2016

9 Please see pages 122-123 for Notes to Financial Statements, Note 5 Regulatory Matters and Note 13 Commitments and Contingencies - Environmental Remediation.

10 See 13.

11 Reserved

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

13 Effective May 3, 2016, Dr. Linda H. Talbott retired from the Board of Directors.
Effective May 4, 2016, Sandra J. Price joined the Board of Directors.
Effective May 5, 2016, Michael L. Deggendorf resigned as Senior Vice President.

14 Not applicable

Name of Respondent	This Report Is:	Date of Report (Mo, Da, Yr)	Year/Period of Report
Kansas City Power & Light Company	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	04/18/2017	End of 2016/Q4

COMPARATIVE BALANCE SHEET (ASSETS AND OTHER DEBITS)

Line No.	Title of Account (a)	Ref. Page No. (b)	Current Year End of Quarter/Year Balance (c)	Prior Year End Balance 12/31 (d)
1	UTILITY PLANT			
2	Utility Plant (101-106, 114)	200-201	9,925,094,732	9,640,330,292
3	Construction Work in Progress (107)	200-201	300,360,081	246,669,494
4	TOTAL Utility Plant (Enter Total of lines 2 and 3)		10,225,454,813	9,886,999,786
5	(Less) Accum. Prov. for Depr. Amort. Depl. (108, 110, 111, 115)	200-201	3,838,524,040	3,718,352,330
6	Net Utility Plant (Enter Total of line 4 less 5)		6,386,930,773	6,168,647,456
7	Nuclear Fuel in Process of Ref., Conv., Enrich., and Fab. (120.1)	202-203	166,583	20,274,424
8	Nuclear Fuel Materials and Assemblies-Stock Account (120.2)		0	0
9	Nuclear Fuel Assemblies in Reactor (120.3)		101,676,697	106,728,421
10	Spent Nuclear Fuel (120.4)		132,224,591	133,767,308
11	Nuclear Fuel Under Capital Leases (120.6)		0	0
12	(Less) Accum. Prov. for Amort. of Nucl. Fuel Assemblies (120.5)	202-203	172,053,800	192,501,678
13	Net Nuclear Fuel (Enter Total of lines 7-11 less 12)		62,014,071	68,268,475
14	Net Utility Plant (Enter Total of lines 6 and 13)		6,448,944,844	6,236,915,931
15	Utility Plant Adjustments (116)		0	0
16	Gas Stored Underground - Noncurrent (117)		0	0
17	OTHER PROPERTY AND INVESTMENTS			
18	Nonutility Property (121)		6,897,654	6,879,353
19	(Less) Accum. Prov. for Depr. and Amort. (122)		1,991,529	1,664,566
20	Investments in Associated Companies (123)		0	0
21	Investment in Subsidiary Companies (123.1)	224-225	34,367,051	28,240,268
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)		2,110,304	2,005,636
25	Sinking Funds (125)		0	0
26	Depreciation Fund (126)		0	0
27	Amortization Fund - Federal (127)		0	0
28	Other Special Funds (128)		222,894,678	200,671,659
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)		264,278,158	236,132,350
33	CURRENT AND ACCRUED ASSETS			
34	Cash and Working Funds (Non-major Only) (130)		0	0
35	Cash (131)		4,437,380	2,227,059
36	Special Deposits (132-134)		580,431	539,702
37	Working Fund (135)		9,400	7,050
38	Temporary Cash Investments (136)		0	0
39	Notes Receivable (141)		0	0
40	Customer Accounts Receivable (142)		0	0
41	Other Accounts Receivable (143)		51,036,874	69,442,725
42	(Less) Accum. Prov. for Uncollectible Acct.-Credit (144)		0	0
43	Notes Receivable from Associated Companies (145)		85,086,696	61,814,267
44	Accounts Receivable from Assoc. Companies (146)		35,715,703	36,827,274
45	Fuel Stock (151)	227	72,843,907	83,473,295
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	112,833,766	108,551,713
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	98,040	66,518

Line No.	Title of Account (a)	Ref. Page No. (b)	Current Year End of Quarter/Year Balance (c)	Prior Year End Balance 12/31 (d)
1	PROPRIETARY CAPITAL			
2	Common Stock Issued (201)	250-251	487,041,247	487,041,247
3	Preferred Stock Issued (204)	250-251	0	0
4	Capital Stock Subscribed (202, 205)		0	0
5	Stock Liability for Conversion (203, 206)		0	0
6	Premium on Capital Stock (207)		0	0
7	Other Paid-In Capital (208-211)	253	1,076,114,704	1,076,114,704
8	Installments Received on Capital Stock (212)	252	0	0
9	(Less) Discount on Capital Stock (213)	254	0	0
10	(Less) Capital Stock Expense (214)	254b	0	0
11	Retained Earnings (215, 215.1, 216)	118-119	945,849,757	849,006,104
12	Unappropriated Undistributed Subsidiary Earnings (216.1)	118-119	31,367,051	25,240,268
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)	-4,317,841	-9,674,445
16	Total Proprietary Capital (lines 2 through 15)		2,536,054,918	2,427,727,878
17	LONG-TERM DEBT			
18	Bonds (221)	256-257	2,652,320,000	2,652,320,000
19	(Less) Reaquired Bonds (222)	256-257	71,940,000	71,940,000
20	Advances from Associated Companies (223)	256-257	0	0
21	Other Long-Term Debt (224)	256-257	0	0
22	Unamortized Premium on Long-Term Debt (225)		0	0
23	(Less) Unamortized Discount on Long-Term Debt-Debit (226)		4,430,364	4,801,986
24	Total Long-Term Debt (lines 18 through 23)		2,575,949,636	2,575,578,014
25	OTHER NONCURRENT LIABILITIES			
26	Obligations Under Capital Leases - Noncurrent (227)		1,592,548	1,684,170
27	Accumulated Provision for Property Insurance (228.1)		0	0
28	Accumulated Provision for Injuries and Damages (228.2)		15,184,741	5,413,473
29	Accumulated Provision for Pensions and Benefits (228.3)		465,797,093	433,419,064
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)		278,043,137	239,296,606
35	Total Other Noncurrent Liabilities (lines 26 through 34)		760,617,519	679,813,313
36	CURRENT AND ACCRUED LIABILITIES			
37	Notes Payable (231)		132,900,000	180,300,000
38	Accounts Payable (232)		250,968,974	268,938,994
39	Notes Payable to Associated Companies (233)		0	0
40	Accounts Payable to Associated Companies (234)		21,048	7,876
41	Customer Deposits (235)		6,167,765	5,854,869
42	Taxes Accrued (236)	262-263	27,036,916	25,638,716
43	Interest Accrued (237)		32,442,779	32,353,852
44	Dividends Declared (238)		0	0
45	Matured Long-Term Debt (239)		0	0

[illegible]

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Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 112 Line No.: 37 Column: c

Per Docket No. ER10-230-000, FERC transmission formula rate, the 12-month average daily balance of short-term debt at December 31, 2016 was \$89,298,087.

Schedule Page: 112 Line No.: 37 Column: d

Per Docket No. ER10-230-000, FERC transmission formula rate, the 12-month average daily balance of short-term debt at December 31, 2015 was \$326,053,512.

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Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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STATEMENT OF INCOME

Quarterly

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

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

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

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

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

Annual or Quarterly if applicable

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

6. Report amounts for accounts 412 and 413, Revenues and Expenses from Utility Plant Leased to Others, in another utility 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	1,875,383,187	1,713,813,202		
3	Operating Expenses					
4	Operation Expenses (401)	320-323	820,538,244	824,430,173		
5	Maintenance Expenses (402)	320-323	124,084,327	117,549,417		
6	Depreciation Expense (403)	336-337	215,399,822	205,552,526		
7	Depreciation Expense for Asset Retirement Costs (403.1)	336-337	12,990,180	8,654,098		
8	Amort. & Depl. of Utility Plant (404-405)	336-337	32,077,552	30,140,095		
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)		2,676,494	960,389		
13	(Less) Regulatory Credits (407.4)		25,548,472	20,151,045		
14	Taxes Other Than Income Taxes (408.1)	262-263	177,517,685	163,528,029		
15	Income Taxes - Federal (409.1)	262-263	33,551,913	-14,725,479		
16	- Other (409.1)	262-263	6,457,742	-2,654,562		
17	Provision for Deferred Income Taxes (410.1)	234, 272-277	152,731,771	258,691,354		
18	(Less) Provision for Deferred Income Taxes-Cr. (411.1)	234, 272-277	58,764,748	159,344,783		
19	Investment Tax Credit Adj. - Net (411.4)	266	-962,914	-941,951		
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)		12,336,909	11,496,947		
25	TOTAL Utility Operating Expenses (Enter Total of lines 4 thru 24)		1,505,086,505	1,423,185,208		
26	Net Util Oper Inc (Enter Tot line 2 less 25) Carry to Pg117,line 27		370,296,682	290,627,994		

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017		Year/Period of Report End of 2016/Q4	
STATEMENT OF INCOME FOR THE YEAR (Continued)							
<p>9. Use page 122 for important notes regarding the statement of income for any account thereof.</p> <p>10. Give concise explanations concerning unsettled rate proceedings where a contingency exists such that refunds of a material amount may need to be made to the utility's customers or which may result in material refund to the utility with respect to power or gas purchases. State for each year effected the gross revenues or costs to which the contingency relates and the tax effects together with an explanation of the major factors which affect the rights of the utility to retain such revenues or recover amounts paid with respect to power or gas purchases.</p> <p>11 Give concise explanations concerning significant amounts of any refunds made or received during the year resulting from settlement of any rate proceeding affecting revenues received or costs incurred for power or gas purchases, and a summary of the adjustments made to balance sheet, income, and expense accounts.</p> <p>12. If any notes appearing in the report to stokholders are applicable to the Statement of Income, such notes may be included at page 122.</p> <p>13. Enter on page 122 a concise explanation of only those changes in accounting methods made during the year which had an effect on net income, including the basis of allocations and apportionments from those used in the preceding year. Also, give the appropriate dollar effect of such changes.</p> <p>14. Explain in a footnote if the previous year's/quarter's figures are different from that reported in prior reports.</p> <p>15. If the columns are insufficient for reporting additional utility departments, supply the appropriate account titles report the information in a footnote to this schedule.</p>							
ELECTRIC UTILITY		GAS UTILITY		OTHER UTILITY			
Current Year to Date (in dollars) (g)	Previous Year to Date (in dollars) (h)	Current Year to Date (in dollars) (i)	Previous Year to Date (in dollars) (j)	Current Year to Date (in dollars) (k)	Previous Year to Date (in dollars) (l)	Line No.	
						1	
1,875,383,187	1,713,813,202					2	
						3	
820,538,244	824,430,173					4	
124,084,327	117,549,417					5	
215,399,822	205,552,526					6	
12,990,180	8,654,098					7	
32,077,552	30,140,095					8	
						9	
						10	
						11	
2,676,494	960,389					12	
25,548,472	20,151,045					13	
177,517,685	163,528,029					14	
33,551,913	-14,725,479					15	
6,457,742	-2,654,562					16	
152,731,771	258,691,354					17	
58,764,748	159,344,783					18	
-962,914	-941,951					19	
						20	
						21	
						22	
						23	
12,336,909	11,496,947					24	
1,505,086,505	1,423,185,208					25	
370,296,682	290,627,994					26	

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017		Year/Period of Report End of 2016/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)		370,296,682	290,627,994			
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)		6,696,318	6,297,688			
34	(Less) Expenses of Nonutility Operations (417.1)		2,030,484	2,892,041			
35	Nonoperating Rental Income (418)		149,874	118,800			
36	Equity in Earnings of Subsidiary Companies (418.1)	119	6,126,783	5,117,494			
37	Interest and Dividend Income (419)		1,352,588	416,775			
38	Allowance for Other Funds Used During Construction (419.1)		6,603,287	3,768,681			
39	Miscellaneous Nonoperating Income (421)		714,547	729,179			
40	Gain on Disposition of Property (421.1)		43,144	150,735			
41	TOTAL Other Income (Enter Total of lines 31 thru 40)		19,656,057	13,707,311			
42	Other Income Deductions						
43	Loss on Disposition of Property (421.2)		88,278	64,407			
44	Miscellaneous Amortization (425)						
45	Donations (426.1)		2,910,529	2,207,469			
46	Life Insurance (426.2)		768,085	602,359			
47	Penalties (426.3)		33,973	240,142			
48	Exp. for Certain Civic, Political & Related Activities (426.4)		1,279,846	810,153			
49	Other Deductions (426.5)		36,816,747	20,369,172			
50	TOTAL Other Income Deductions (Total of lines 43 thru 49)		41,897,458	24,293,702			
51	Taxes Applic. to Other Income and Deductions						
52	Taxes Other Than Income Taxes (408.2)	262-263	65,567	69,071			
53	Income Taxes-Federal (409.2)	262-263	-11,987,699	-6,911,215			
54	Income Taxes-Other (409.2)	262-263	-2,189,398	-1,265,514			
55	Provision for Deferred Inc. Taxes (410.2)	234, 272-277					
56	(Less) Provision for Deferred Income Taxes-Cr. (411.2)	234, 272-277	650,956	-349,102			
57	Investment Tax Credit Adj.-Net (411.5)						
58	(Less) Investment Tax Credits (420)		86,146	-425,696			
59	TOTAL Taxes on Other Income and Deductions (Total of lines 52-58)		-14,848,632	-7,332,860			
60	Net Other Income and Deductions (Total of lines 41, 50, 59)		-7,392,769	-3,253,531			
61	Interest Charges						
62	Interest on Long-Term Debt (427)		137,831,902	131,822,069			
63	Amort. of Debt Disc. and Expense (428)		2,844,450	2,927,387			
64	Amortization of Loss on Reaquired Debt (428.1)		704,148	378,265			
65	(Less) Amort. of Premium on Debt-Credit (429)						
66	(Less) Amortization of Gain on Reaquired Debt-Credit (429.1)						
67	Interest on Debt to Assoc. Companies (430)			2,100			
68	Other Interest Expense (431)		2,198,420	3,338,398			
69	(Less) Allowance for Borrowed Funds Used During Construction-Cr. (432)		5,645,443	3,871,317			
70	Net Interest Charges (Total of lines 62 thru 69)		137,933,477	134,596,902			
71	Income Before Extraordinary Items (Total of lines 27, 60 and 70)		224,970,436	152,777,561			
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)		224,970,436	152,777,561			

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) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
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 2016	Q2 2016	Q3 2016	Q4 2016	Total 2016
431015	Commitment Exp-ST Loans	278,651	306,733	264,615	309,320	1,159,319
431016	Interest on Unsecured Notes	331,174	190,587	82,626	44,488	648,875
	All Other	164,541	68,537	59,660	97,488	390,226
	Total Other Interest Expense	774,366	565,857	406,901	451,296	2,198,420

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 2015	Q2 2015	Q3 2015	Q4 2015	Total 2015
431015	Commitment Exp-ST Loans	256,158	459,681	393,811	222,329	1,331,979
431016	Interest on Unsecured Notes	508,826	640,095	343,961	126,494	1,619,376
	All Other	(273,215)	341,219	122,755	196,284	387,043
	Total Other Interest Expense	491,769	1,440,995	860,527	545,107	3,338,398

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		849,006,104	701,346,037
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)		218,843,653	147,660,067
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			-122,000,000	
32				
33				
34				
35				
36	TOTAL Dividends Declared-Common Stock (Acct. 438)		-122,000,000	
37	Transfers from Acct 216.1, Unapprop. Undistrib. Subsidiary Earnings			
38	Balance - End of Period (Total 1,9,15,16,22,29,36,37)		945,849,757	849,006,104
	APPROPRIATED RETAINED EARNINGS (Account 215)			
39				
40				

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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)	224,970,436	152,777,561
3	Noncash Charges (Credits) to Income:		
4	Depreciation and Depletion	247,477,374	235,692,621
5	Amortization of		
6	Nuclear Fuel	26,556,029	26,821,633
7	Other	11,179,161	11,285,920
8	Deferred Income Taxes (Net)	93,316,067	99,695,673
9	Investment Tax Credit Adjustment (Net)	-1,049,060	-516,255
10	Net (Increase) Decrease in Receivables	60,060,378	-14,063,397
11	Net (Increase) Decrease in Inventory	6,340,639	-29,227,757
12	Net (Increase) Decrease in Allowances Inventory	-31,522	-2,673
13	Net Increase (Decrease) in Payables and Accrued Expenses	-19,579,509	-6,380,597
14	Net (Increase) Decrease in Other Regulatory Assets	-36,755,419	-5,661,788
15	Net Increase (Decrease) in Other Regulatory Liabilities	-1,904,309	-2,407,285
16	(Less) Allowance for Other Funds Used During Construction	6,603,287	3,768,681
17	(Less) Undistributed Earnings from Subsidiary Companies	6,126,783	5,117,494
18	Other (provide details in footnote):	25,447,814	22,166,759
19			
20			
21			
22	Net Cash Provided by (Used in) Operating Activities (Total 2 thru 21)	623,298,009	481,294,240
23			
24	Cash Flows from Investment Activities:		
25	Construction and Acquisition of Plant (including land):		
26	Gross Additions to Utility Plant (less nuclear fuel)	-410,712,828	-510,058,674
27	Gross Additions to Nuclear Fuel	-20,301,625	-15,893,983
28	Gross Additions to Common Utility Plant		
29	Gross Additions to Nonutility Plant	-679,153	-398,293
30	(Less) Allowance for Other Funds Used During Construction	-6,603,287	-3,768,681
31	Other (provide details in footnote):		
32			
33			
34	Cash Outflows for Plant (Total of lines 26 thru 33)	-425,090,319	-522,582,269
35			
36	Acquisition of Other Noncurrent Assets (d)		
37	Proceeds from Disposal of Noncurrent Assets (d)		
38			
39	Investments in and Advances to Assoc. and Subsidiary Companies		
40	Contributions and Advances from Assoc. and Subsidiary Companies		
41	Disposition of Investments in (and Advances to)		
42	Associated and Subsidiary Companies		
43			
44	Purchase of Investment Securities (a)	-31,905,500	-50,962,469
45	Proceeds from Sales of Investment Securities (a)	28,588,006	47,644,976

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
STATEMENT OF CASH FLOWS					
<p>(1) Codes to be used: (a) Net Proceeds or Payments; (b) Bonds, debentures and other long-term debt; (c) Include commercial paper; and (d) Identify separately such items as investments, fixed assets, intangibles, etc.</p> <p>(2) Information about noncash investing and financing activities must be provided in the Notes to the Financial statements. Also provide a reconciliation between "Cash and Cash Equivalents at End of Period" with related amounts on the Balance Sheet.</p> <p>(3) Operating Activities - Other: Include gains and losses pertaining to operating activities only. Gains and losses pertaining to investing and financing activities should be reported in those activities. Show in the Notes to the Financials the amounts of interest paid (net of amount capitalized) and income taxes paid.</p> <p>(4) Investing Activities: Include at Other (line 31) net cash outflow to acquire other companies. Provide a reconciliation of assets acquired with liabilities assumed in the Notes to the Financial Statements. Do not include on this statement the dollar amount of leases capitalized per the USofA General Instruction 20; instead provide a reconciliation of the dollar amount of leases capitalized with the plant cost.</p>					
Line No.	Description (See Instruction No. 1 for Explanation of Codes) (a)	Current Year to Date Quarter/Year (b)	Previous Year to Date Quarter/Year (c)		
46	Loans Made or Purchased				
47	Collections on Loans				
48					
49	Net (Increase) Decrease in Receivables				
50	Net (Increase) Decrease in Inventory				
51	Net (Increase) Decrease in Allowances Held for Speculation				
52	Net Increase (Decrease) in Payables and Accrued Expenses				
53	Other (provide details in footnote):				
54	Salvage and Removal	-23,084,970	-25,097,935		
55					
56	Net Cash Provided by (Used in) Investing Activities				
57	Total of lines 34 thru 55)	-451,492,783	-550,997,697		
58					
59	Cash Flows from Financing Activities:				
60	Proceeds from Issuance of:				
61	Long-Term Debt (b)		348,754,000		
62	Preferred Stock				
63	Common Stock				
64	Other (provide details in footnote):				
65					
66	Net Increase in Short-Term Debt (c)				
67	Other (provide details in footnote):				
68	Issuance of Long-Term Debt From Remarketing		146,500,000		
69	Repayment of Long-Term Debt From Remarketing		-146,500,000		
70	Cash Provided by Outside Sources (Total 61 thru 69)		348,754,000		
71					
72	Payments for Retirement of:				
73	Long-term Debt (b)		-85,922,000		
74	Preferred Stock				
75	Common Stock				
76	Other (provide details in footnote):				
77	Debt Issuance Costs	-192,555	-2,993,379		
78	Net Decrease in Short-Term Debt (c)	-47,400,000	-178,000,000		
79	Net Decreases in Money Pool Borrowings		-12,600,000		
80	Dividends on Preferred Stock				
81	Dividends on Common Stock	-122,000,000			
82	Net Cash Provided by (Used in) Financing Activities				
83	(Total of lines 70 thru 81)	-169,592,555	69,238,621		
84					
85	Net Increase (Decrease) in Cash and Cash Equivalents				
86	(Total of lines 22,57 and 83)	2,212,671	-464,836		
87					
88	Cash and Cash Equivalents at Beginning of Period	2,234,109	2,698,945		
89					
90	Cash and Cash Equivalents at End of period	4,446,780	2,234,109		

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) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

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

	2016	2015
Balance Sheet, pages 110-111:		
Page 110 Line 35 - Cash (131)	\$ 4,437,380	\$ 2,227,059
Page 110 Line 36 - Special Deposits (132-134)	580,431	539,702
Page 110 Line 37 - Working Fund (135)	9,400	7,050
Page 110 Line 38 - Temporary Cash Investments (136)	-	-
Total Balance Sheet	\$ 5,027,211	\$ 2,773,811
Less: Funds on Deposit in 134, not considered		
Cash and Cash Equivalents	(580,431)	(539,702)
Cash and Cash Equivalents at End of Period	\$ 4,446,780	\$ 2,234,109

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report 04/18/2017	Year/Period of Report End of 2016/Q4
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<p align="center">NOTES TO FINANCIAL STATEMENTS</p> <p>1. Use the space below for important notes regarding the Balance Sheet, Statement of Income for the year, Statement of Retained Earnings for the year, and Statement of Cash Flows, or any account thereof. Classify the notes according to each basic statement, providing a subheading for each statement except where a note is applicable to more than one statement.</p> <p>2. Furnish particulars (details) as to any significant contingent assets or liabilities existing at end of year, including a brief explanation of any action initiated by the Internal Revenue Service involving possible assessment of additional income taxes of material amount, or of a claim for refund of income taxes of a material amount initiated by the utility. Give also a brief explanation of any dividends in arrears on cumulative preferred stock.</p> <p>3. For Account 116, Utility Plant Adjustments, explain the origin of such amount, debits and credits during the year, and plan of disposition contemplated, giving references to Commission orders or other authorizations respecting classification of amounts as plant adjustments and requirements as to disposition thereof.</p> <p>4. Where Accounts 189, Unamortized Loss on Reacquired Debt, and 257, Unamortized Gain on Reacquired Debt, are not used, give an explanation, providing the rate treatment given these items. See General Instruction 17 of the Uniform System of Accounts.</p> <p>5. Give a concise explanation of any retained earnings restrictions and state the amount of retained earnings affected by such restrictions.</p> <p>6. If the notes to financial statements relating to the respondent company appearing in the annual report to the stockholders are applicable and furnish the data required by instructions above and on pages 114-121, such notes may be included herein.</p> <p>7. For the 3Q disclosures, respondent must provide in the notes sufficient disclosures so as to make the interim information not misleading. Disclosures which would substantially duplicate the disclosures contained in the most recent FERC Annual Report may be omitted.</p> <p>8. For the 3Q disclosures, the disclosures shall be provided where events subsequent to the end of the most recent year have occurred which have a material effect on the respondent. Respondent must include in the notes significant changes since the most recently completed year in such items as: accounting principles and practices; estimates inherent in the preparation of the financial statements; status of long-term contracts; capitalization including significant new borrowings or modifications of existing financing agreements; and changes resulting from business combinations or dispositions. However were material contingencies exist, the disclosure of such matters shall be provided even though a significant change since year end may not have occurred.</p> <p>9. Finally, if the notes to the financial statements relating to the respondent appearing in the annual report to the stockholders are applicable and furnish the data required by the above instructions, such notes may be included herein.</p>
<p>PAGE 122 INTENTIONALLY LEFT BLANK SEE PAGE 123 FOR REQUIRED INFORMATION.</p>

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
NOTES TO FINANCIAL STATEMENTS (Continued)			

KANSAS CITY POWER & LIGHT COMPANY

Notes to Financial Statements

1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Organization

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

Basis of Accounting

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

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.

Fair Value of Financial Instruments

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

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

Derivative instruments - The fair value of derivative instruments is estimated using market quotes.

Pension plans - For financial reporting purposes, the market value of plan assets is the fair value. For regulatory reporting purposes, a five-year smoothing of assets is used to determine fair value.

Derivative Instruments

KCP&L records derivative instruments on the balance sheet at fair value. KCP&L enters into derivative contracts to manage exposure to commodity price and interest rate fluctuations. Derivative instruments are used solely for hedging purposes and are not issued or held for speculative reasons.

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

KCP&L considers various qualitative factors, such as contract and market place attributes, in designating derivative instruments at inception. KCP&L may elect the normal purchases and normal sales (NPNS) exception, which requires the effects of the derivative to be recorded when the underlying contract settles. KCP&L accounts for derivative instruments that are not designated as NPNS as non-hedging derivatives, which are recorded as assets or liabilities on the balance sheets at fair value. See Note 15 for additional information regarding derivative financial instruments and hedging activities.

KCP&L 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).

Utility Plant

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

As prescribed by FERC, Allowance for Funds Used During Construction (AFUDC) is charged to the cost of the plant during construction. AFUDC equity funds are included as a non-cash item in non-operating income and AFUDC borrowed funds are a reduction of interest charges. The rates used to compute gross AFUDC are compounded semi-annually and averaged 5.7% in 2016 and 3.0% in 2015.

Utility plant includes generation (20- to 60-year life), transmission (15- to 70-year life), distribution (8- to 55-year life) and general equipment (5- to 50-year life) and is recorded at original cost, net of accumulated depreciation.

Depreciation and Amortization

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

Nuclear Plant Decommissioning Costs

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

As a result of the authorized regulatory treatment and related regulatory accounting, differences between the decommissioning trust fund asset and the related ARO are recorded as a regulatory asset or liability. See Note 7 for discussion of AROs including those associated with nuclear plant decommissioning costs.

Deferred Refueling Outage Costs

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

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Regulatory Matters

KCP&L defers items on the balance sheet resulting from the effects of the ratemaking process, which would not be recorded if KCP&L were not regulated. See Note 5 for additional information concerning regulatory matters.

Revenue Recognition

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

KCP&L collects from customers gross receipts taxes levied by state and local governments. These taxes from KCP&L's Missouri customers are recorded gross in operating revenues and general taxes on KCP&L's statements of income. KCP&L's gross receipts taxes collected from Missouri customers were \$70.3 million and \$62.0 million in 2016 and 2015, respectively. These taxes from KCP&L's Kansas customers are recorded net in operating revenues on KCP&L's statements of income.

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

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

Allowance for Doubtful Accounts

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

Property Gains and Losses

Net gains and losses from the sale of assets and businesses and from 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.

Income Taxes

Income taxes are accounted for using the asset/liability approach. Deferred tax assets and liabilities are determined based on the temporary differences between the financial reporting and tax bases of assets and liabilities, applying enacted statutory tax rates in effect for the year in which the differences are expected to reverse. Deferred tax assets are reduced by a valuation allowance when, in the opinion of management, it is more likely than not that some portion of the deferred tax assets will not be realized.

KCP&L recognizes tax benefits based on a "more-likely-than-not" recognition threshold. In addition, KCP&L recognizes

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interest accrued related to unrecognized tax benefits in interest expense and penalties in non-operating expenses.

Great Plains Energy files a 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. Income taxes for consolidated or combined subsidiaries are allocated to the subsidiaries based on separate company computations of income or loss. KCP&L's income tax provision includes taxes allocated based on its separate company income or loss.

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

Environmental Matters

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

Dividends Declared

In February 2017, KCP&L's Board of Directors declared a cash dividend payable to Great Plains Energy of \$57 million payable on March 17, 2017.

2. SUPPLEMENTAL CASH FLOW INFORMATION

Other Operating Activities

	2016	2015
	(millions)	
Deferred refueling outage costs	\$ (3.1)	\$ (6.7)
Nuclear decommissioning expense	3.4	3.4
Pension and post-retirement benefit obligations	29.0	17.8
Other	(3.9)	7.7
Total other operating activities	\$ 25.4	\$ 22.2
Cash paid during the period:		
Interest	\$ 125.5	\$ 119.2
Non-cash investing activities:		
Liabilities assumed for capital expenditures	\$ 27.2	\$ 23.9

3. RECEIVABLES

KCP&L's other receivables at December 31, 2016, and 2015, consisted primarily of receivables from partners in jointly owned electric utility plants and wholesale sales receivables.

KCP&L sells all of its retail electric accounts receivable to its wholly owned subsidiary, Kansas City Power & Light Receivables Company (KCP&L Receivables Company), which in turn sells an undivided percentage ownership interest in the accounts receivable to Victory Receivables Corporation, an independent outside investor. KCP&L's agreement expires in September 2017 and allows for \$110 million in aggregate outstanding principal amount of borrowings at any time.

4. NUCLEAR PLANT

KCP&L owns 47% of Wolf Creek, its only nuclear generating unit. Wolf Creek is located in Coffey County, Kansas, just

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northeast of Burlington, Kansas. Wolf Creek's operating license expires in 2045. Wolf Creek is regulated by the Nuclear Regulatory Commission (NRC), with respect to licensing, operations and safety-related requirements.

Spent Nuclear Fuel and High-Level Radioactive Waste

Under the Nuclear Waste Policy Act of 1982, the Department of Energy (DOE) is responsible for the permanent disposal of spent nuclear fuel. Wolf Creek historically paid the DOE a quarterly fee of one-tenth of a cent for each kWh of net nuclear generation delivered and sold for the future disposal of spent nuclear fuel. In May 2014, this fee was set to zero.

In 2010, the DOE filed a motion with the NRC to withdraw its then pending application to the NRC to construct a national repository for the disposal of spent nuclear fuel and high-level radioactive waste at Yucca Mountain, Nevada. An NRC board denied the DOE's motion to withdraw its application. In 2011, the NRC announced that it was evenly divided on whether to take affirmative action to overturn or uphold the board's decision and ordered the licensing board, consistent with budgetary limitations, to close out its work on the DOE's application. In August 2013, a federal court of appeals ruled that the NRC must resume its review of the DOE's application to the extent of appropriated funds. With the available funds, the NRC was able to complete its technical review of the Yucca Mountain application but was not able to resume the licensing hearing.

Wolf Creek is currently evaluating alternatives for expanding its existing on-site spent nuclear fuel storage to provide additional capacity prior to 2025. Management cannot predict when, or if, an off-site storage site or alternative disposal site will be available to receive Wolf Creek's spent nuclear fuel and will continue to monitor this activity.

Low-Level Radioactive Waste

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

Nuclear Plant Decommissioning Costs

The Public Service Commission of the State of Missouri (MPSC) and The State Corporation Commission of the State of Kansas (KCC) require KCP&L and the other owners of Wolf Creek to submit an updated decommissioning cost study every three years and to propose funding levels. The most recent study was submitted to the MPSC and KCC in August 2014 and is the basis for the current cost of decommissioning estimates in the following table. Funding levels included in KCP&L retail rates have not changed.

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	KCC	MPSC
	(millions)	
Current cost of decommissioning (in 2014 dollars)	\$ 765.1	\$ 765.1
Total Station	359.6	359.6
KCPL's 47% Share		
Future cost of decommissioning (in 2045-2053 dollars) ^(a)	\$ 2,201.5	\$ 2,253.1
Total Station	1,034.7	1,059.0
KCPL's 47% Share		
Annual escalation factor	3.15%	3.22%
Annual return on trust assets ^(b)	6.29%	5.81%

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

^(b) The 6.29% and 5.81% rate of return for KCC and MPSC, respectively, is through 2025. The rates then systematically decrease through 2053 to 0.72% and 2.22% for KCC and MPSC, respectively, based on the assumption that the fund's investment mix will become increasingly conservative as the decommissioning period approaches.

Nuclear Decommissioning Trust Fund

In 2016 and 2015, KCP&L contributed approximately \$3.3 million to a tax-qualified trust fund to be used to decommission Wolf Creek. Amounts funded are charged to other operating expense and recovered in customers' rates. The funding level assumes a projected level of return on trust assets. If the actual return on trust assets is below the projected level or actual decommissioning costs are higher than estimated, KCP&L could be responsible for the balance of funds required; however, while there can be no assurances, management believes a rate increase would be allowed to recover decommissioning costs over the remaining life of the unit.

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

	2016	2015
Decommissioning Trust	(millions)	
Beginning balance January 1	\$ 200.7	\$ 199.0
Contributions	3.3	3.3
Earned income, net of fees	4.1	3.4
Net realized gains	0.3	0.7
Net unrealized gains (losses)	14.5	(5.7)
Ending balance December 31	\$ 222.9	\$ 200.7

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

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	December 31							
	2016				2015			
	Cost Basis	Unrealized Gains	Unrealized Losses	Fair Value	Cost Basis	Unrealized Gains	Unrealized Losses	Fair Value
	(millions)							
Equity securities	\$ 93.3	\$ 62.1	\$ (1.5)	\$ 153.9	\$ 89.6	\$ 47.9	\$ (2.1)	\$ 135.4
Debt securities	63.4	2.3	(0.5)	65.2	59.6	2.6	(0.5)	61.7
Other	3.8	-	-	3.8	3.6	-	-	3.6
Total	\$ 160.5	\$ 64.4	\$ (2.0)	\$ 222.9	\$ 152.8	\$ 50.5	\$ (2.6)	\$ 200.7

The weighted average maturity of debt securities held by the trust at December 31, 2016, was approximately 8 years. The costs of securities sold are determined on the basis of specific identification. The following table summarizes the realized gains and losses from the sale of securities in the nuclear decommissioning trust fund.

	2016	2015
	(millions)	
Realized gains	\$ 1.6	\$ 5.3
Realized losses	(1.3)	(4.6)

Nuclear Insurance

The owners of Wolf Creek (Owners) maintain nuclear insurance for Wolf Creek for nuclear liability, nuclear property and accidental outage. These policies contain certain industry standard exclusions, including, but not limited to, ordinary wear and tear, and war. The nuclear property insurance programs subscribed to by members of the nuclear power generating industry include industry aggregate limits for acts of terrorism and related losses, including replacement power costs. There is no industry aggregate limit for liability claims related to terrorism, regardless of the number of acts of terrorism affecting Wolf Creek or any other nuclear energy liability policy or the number of policies in place. An industry aggregate limit of \$3.2 billion plus any reinsurance recoverable by Nuclear Electric Insurance Limited (NEIL), the Owners' insurance provider, exists for property claims related to nuclear acts of terrorism, including accidental outage power costs for nuclear acts of terrorism affecting Wolf Creek or any other nuclear energy facility property policy within twelve months from the date of the first act. An industry aggregate limit of \$1.8 billion exists for property claims related to non-nuclear acts of terrorism. These limits plus any recoverable reinsurance are the maximum amount to be paid to members who sustain losses or damages from these types of terrorist acts. In addition, industry-wide retrospective assessment programs (discussed below) can apply once these insurance programs have been exhausted.

In the event of a catastrophic loss at Wolf Creek, the insurance coverage may not be adequate to cover property damage and extra expenses incurred. Uninsured losses, to the extent not recovered through rates, would be assumed by KCP&L and the other owners and could have a material effect on KCP&L's results of operations, financial position and cash flows.

Nuclear Liability Insurance

Pursuant to the Price-Anderson Act, which was reauthorized through December 31, 2025, by the Energy Policy Act of 2005, the Owners are required to insure against public liability claims resulting from nuclear incidents to the full limit of public liability, which is currently \$13.4 billion. This limit of liability consists of the maximum available commercial insurance of \$0.4 billion and the remaining \$13.0 billion is provided through an industry-wide retrospective assessment program mandated by law, known as the Secondary Financial Protection (SFP) program. Under the SFP program, the Owners can be assessed up to \$127.3 million (\$59.8 million, KCP&L's 47% share) per incident at any commercial reactor

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in the country, payable at no more than \$19.0 million (\$8.9 million, KCP&L's 47% share) per incident per year. This assessment is subject to an inflation adjustment based on the Consumer Price Index and applicable premium taxes. In addition, the U.S. Congress could impose additional revenue-raising measures to pay claims.

Nuclear Property Insurance

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

Accidental Nuclear Outage Insurance

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

Under all NEIL policies, the Owners are subject to retrospective assessments if NEIL losses, for each policy year, exceed the accumulated funds available to the insurer under that policy. The estimated maximum amount of retrospective assessments under the current policies could total approximately \$37.5 million (\$17.6 million, KCP&L's 47% share) per policy year.

5. REGULATORY MATTERS

KCP&L Kansas 2016 Abbreviated Rate Case Proceedings

In November 2016, KCP&L filed an abbreviated application with the KCC to request a decrease to its retail revenues of \$2.8 million, reflecting the true-up to actuals of construction and environmental upgrade costs at the La Cygne station and Wolf Creek capital addition costs and the removal of certain regulatory asset and liability amortizations. The previously approved return on equity and rate-making ratio for KCP&L will not be addressed in this case. Testimony from KCC staff and other parties regarding the case was filed in April 2017, with an evidentiary hearing to occur in May 2017. The decrease to retail revenues is anticipated to be effective in July 2017.

KCP&L Missouri 2016 Rate Case Proceedings

In July 2016, KCP&L filed an application with the MPSC to request an increase to its retail revenues of \$62.9 million, with a return on equity of 9.9% and a rate-making equity ratio of 49.88%. The request reflects increases in infrastructure investment costs, costs for regional transmission lines, property tax costs and costs to comply with environmental and cybersecurity mandates. KCP&L also requested an additional \$27.2 million increase associated with rebasing fuel and purchased power expense. In November 2016, MPSC staff filed testimony regarding the case stating that they did not have sufficient information to support a change in rates but in the event that new rates were approved, recommended a return on equity of 8.65%, which is on the upper end of their range of 7.9% to 8.75%.

In February 2017, KCP&L, MPSC staff and other parties to the case filed a non-unanimous stipulation and agreement resolving certain issues in the case. The stipulation and agreement was approved by the MPSC in March 2017. An evidentiary hearing also occurred in February 2017. An order on the remaining issues in the case is anticipated to be received to accommodate new rates to be effective in May 2017.

Regulatory Assets and Liabilities

KCP&L has recorded assets and liabilities on its balance sheets resulting from the effects of the ratemaking process,

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

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

	December 31	
	2016	2015
Regulatory Assets	(millions)	
Taxes recoverable through future rates	\$ 217.8	\$ 220.4
Asset retirement obligations	69.6	57.9
Pension and post-retirement costs	367.9 (a)	358.5
Deferred customer programs	45.9 (b)	50.3
Fuel recovery mechanism	69.9 (c)	16.3
Derivative instruments	-	0.5
Iatan No. 1 and common facilities depreciation and carrying costs	13.6 (d)	14.1
Iatan No. 2 construction accounting costs	26.9 (e)	28.7
Kansas property tax surcharge	3.6 (c)	6.8
Solar rebates	29.2 (c)	33.6
Transmission delivery charge	3.1 (c)	1.7
La Cygne deferred depreciation	2.8 (f)	2.9
Other	6.8 (c)	11.9
Total	\$ 857.1	\$ 803.6
Regulatory Liabilities		
Taxes refundable through future rates	\$ 93.8	\$ 95.5
Emission allowances	62.1	66.1
Asset retirement obligations	99.7	86.5
Pension and post-retirement costs	15.3	4.8
Other	10.3	7.2
Total	\$ 281.2	\$ 260.1

(a) Represents unrecognized gains and losses, prior service and transition costs that will be recognized in future net periodic pension and post-retirement costs, pension settlements amortized over various periods and financial and regulatory accounting method differences that will be eliminated over the life of the pension plans. Of this amount, \$360.7 million for KCP&L is not included in rate base and is amortized over various periods.

(b) \$13.2 million not included in rate base and amortized over various periods.

(c) Not included in rate base and amortized over various periods.

(d) Included in rate base and amortized through 2038.

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(e) Included in rate base and amortized through 2058.

(f) Included in rate base and amortized through 2040.

6. INTANGIBLE ASSETS

KCP&L's intangible assets are included in electric utility plant on the balance sheets and are detailed in the following table.

	2016		2015	
	Gross Carrying Amount	Accumulated Amortization	Gross Carrying Amount	Accumulated Amortization
	(millions)			
Computer software	\$ 338.3	\$ (203.1)	\$ 315.5	\$ (177.7)
Asset improvements	13.6	(1.8)	13.1	(1.5)

KCP&L's amortization expense related to intangible assets was \$25.7 million and \$24.7 million, respectively, for 2016 and 2015. KCP&L's estimated amortization expense related to intangible assets for 2017 through 2021 for the intangible assets included on the balance sheet at December 31, 2016, is \$24.9 million, \$23.2 million, \$21.0 million, \$17.6 million and \$13.9 million, respectively.

7. ASSET RETIREMENT OBLIGATIONS

AROs associated with tangible long-lived assets are legal obligations that exist 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 with a corresponding amount 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.

KCP&L has AROs related to decommissioning Wolf Creek, site remediation of its Spearville Wind Energy Facilities, asbestos abatement, removal of storage tanks and closure and post-closure of ponds and landfills containing coal combustion residuals (CCRs).

Additionally, certain wiring used in KCP&L's generating stations includes asbestos insulation, which would require special handling if disturbed. Due to the inability to reasonably estimate the quantities or the amount of disturbance that will be necessary during dismantlement at the end of the life of a plant, the fair value of this ARO cannot be reasonably estimated at this time. Management will continue to monitor the obligation and will recognize a liability in the period in which sufficient information becomes available to reasonably estimate its fair value.

On April 17, 2015, the Environmental Protection Agency (EPA) published new regulations to regulate the disposal of CCRs at electric generation facilities. The CCR rule represents legal obligations of KCP&L as to the closure and post-closure of its ponds and landfills containing CCRs. In 2016, KCP&L revised its AROs by \$40.1 million due to an increase in cost estimates for the closure of ponds and landfills containing CCRs at KCP&L's electric generating facilities. As a result of the CCR rule, KCP&L increased its AROs \$51.3 million in the second quarter of 2015.

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

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	2016	2015
	(millions)	
Beginning balance	\$ 239.3	\$ 177.7
Additions	1.3	34.6
Revisions in timing and/or estimates	40.1	22.2
Settlements	(15.0)	(6.7)
Accretion	12.3	11.5
Ending balance	\$ 278.0	\$ 239.3

ARO settlement activity in 2016 and 2015 primarily consists of the remediation of AROs for the closure of ponds and landfills containing CCRs at KCP&L.

8. PENSION PLANS AND OTHER EMPLOYEE BENEFITS

KCP&L does not have a defined pension plan; however, KCP&L employees and officers participate in Great Plains Energy's pension plans. Great Plains Energy maintains defined benefit pension plans for the majority of KCP&L's active and inactive employees, including officers, and its 47% ownership share of Wolf Creek Nuclear Operating Corporation (WCNOC) defined benefit plans. For the majority of employees, pension benefits under these plans reflect the employees' compensation, years of service and age at retirement. Effective in 2014, Great Plains Energy's non-union plan was closed to future employees. Great Plains Energy also provides certain post-retirement health care and life insurance benefits for substantially all retired employees of KCP&L, GMO and its 47% ownership share of WCNOC.

KCP&L records pension and post-retirement expense in accordance with rate orders from the MPSC and KCC that allow the difference between pension and post-retirement costs under GAAP and 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 plans.

The following pension benefits tables provide information relating to Great Plains Energy's funded status of all defined benefit pension plans on an aggregate basis as well as the components of Great Plains Energy's net periodic benefit costs. For financial reporting purposes, the market value of plan assets is the fair value. KCP&L uses a five-year smoothing of assets to determine fair value for regulatory reporting purposes. 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	
	2016	2015	2016	2015
Change in projected benefit obligation (PBO)	(millions)			
PBO at January 1	\$1,154.8	\$1,186.8	\$ 137.5	\$ 165.2
Service cost	42.0	45.3	2.6	3.3
Interest cost	52.9	50.3	6.1	6.8
Contribution by participants	-	-	5.3	6.9
Amendments	-	-	(10.1)	(7.1)
Actuarial (gain) loss	65.5	(59.4)	0.6	(23.6)
Benefits paid	(70.6)	(68.2)	(11.9)	(14.0)
PBO at December 31	\$1,244.6	\$1,154.8	\$ 130.1	\$ 137.5
Change in plan assets				
Fair value of plan assets at January 1	\$ 723.9	\$ 730.0	\$ 114.3	\$ 110.6
Actual return on plan assets	51.1	(16.3)	2.6	(0.1)
Contributions by employer and participants	69.8	76.9	10.2	17.6
Benefits paid	(68.0)	(66.7)	(11.5)	(13.8)
Fair value of plan assets at December 31	\$ 776.8	\$ 723.9	\$ 115.6	\$ 114.3
Funded status at December 31	\$ (467.8)	\$ (430.9)	\$ (14.5)	\$ (23.2)
Amounts recognized in the balance sheets				
Non-current asset	\$ -	\$ -	\$ 9.0	\$ 4.5
Current pension and other post-retirement liability	(2.2)	(2.6)	(0.8)	(0.8)
Noncurrent pension liability and other post-retirement liability	(465.6)	(428.3)	(22.7)	(26.9)
Net amount recognized before regulatory treatment	(467.8)	(430.9)	(14.5)	(23.2)
Accumulated OCI or regulatory asset/liability	476.9	461.2	(23.6)	(9.4)
Net amount recognized at December 31	\$ 9.1	\$ 30.3	\$ (38.1)	\$ (32.6)
Amounts in accumulated OCI or regulatory asset/liability not yet recognized as a component of net periodic benefit cost:				
Actuarial (gain) loss	\$ 242.5	\$ 230.7	\$ (0.7)	\$ (3.3)
Prior service cost	3.2	3.9	(8.0)	3.4
Other	231.2	226.6	(14.9)	(9.5)
Net amount recognized at December 31	\$ 476.9	\$ 461.2	\$ (23.6)	\$ (9.4)

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	Pension Benefits		Other Benefits	
	2016	2015	2016	2015
Components of net periodic benefit costs	(millions)			
Service cost	\$ 42.0	\$ 45.3	\$ 2.6	\$ 3.3
Interest cost	52.9	50.3	6.1	6.8
Expected return on plan assets	(49.2)	(51.7)	(3.1)	(2.9)
Prior service cost	0.7	0.8	1.2	3.1
Recognized net actuarial (gain) loss	51.8	51.4	(1.5)	0.2
Transition obligation	-	-	-	0.2
Net periodic benefit costs before regulatory adjustment	98.2	96.1	5.3	10.7
Regulatory adjustment	(4.9)	(9.8)	6.0	4.4
Net periodic benefit costs	\$ 93.3	\$ 86.3	\$ 11.3	\$ 15.1
Other changes in plan assets and benefit obligations recognized in OCI or regulatory assets/liabilities				
Current year net (gain) loss	63.6	8.6	1.1	(20.6)
Amortization of gain (loss)	(51.8)	(51.4)	1.5	(0.2)
Prior service cost	-	-	(10.2)	(7.0)
Amortization of prior service cost	(0.7)	(0.8)	(1.2)	(3.1)
Amortization of transition obligation	-	-	-	(0.2)
Other regulatory activity	4.6	4.3	(5.4)	(4.4)
Total recognized in OCI or regulatory asset/liability	15.7	(39.3)	(14.2)	(35.5)
Total recognized in net periodic benefit cost and OCI or regulatory asset/liability	\$ 109.0	\$ 47.0	\$ (2.9)	\$ (20.4)

For financial reporting purposes, the estimated prior service cost and net loss for Great Plains Energy's defined benefit plans that will be amortized from accumulated other comprehensive income (OCI) or a regulatory asset into net periodic benefit cost in 2017 are \$0.7 million and \$49.7 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 net gain for the other post-retirement benefit plans that will be amortized from accumulated OCI or a regulatory asset into net periodic benefit cost in 2017 is \$0.5 million.

The accumulated benefit obligation (ABO) for all of Great Plains Energy's defined benefit pension plans was \$1,090.2 million and \$1,017.6 million at December 31, 2016, and 2015, respectively. Pension and other post-retirement benefit plans with the PBO, ABO or accumulated other post-retirement benefit obligation (APBO) in excess of the fair value of plan assets at year-end are detailed in the following table.

	2016	2015
Pension plans with the PBO in excess of plan assets	(millions)	
Projected benefit obligation	\$ 1,244.6	\$ 1,154.8
Fair value of plan assets	776.8	723.9
Pension plans with the ABO in excess of plan assets		
Accumulated benefit obligation	\$ 1,090.2	\$ 1,017.6
Fair value of plan assets	776.8	723.9
Other post-retirement benefit plans with the APBO in excess of plan assets		
Accumulated other post-retirement benefit obligation	\$ 61.7	\$ 108.5
Fair value of plan assets	38.3	80.8

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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 December 31	Pension Benefits		Other Benefits	
	2016	2015	2016	2015
Discount rate	4.31%	4.54%	4.20%	4.47%
Rate of compensation increase	3.62%	3.62%	3.50%	3.50%

Weighted-average assumptions used to determine net costs for years ended December 31	Pension Benefits		Other Benefits	
	2016	2015	2016	2015
Discount rate	4.54%	4.22%	4.47%	4.14%
Expected long-term return on plan assets	7.14%	7.14%	2.54% *	2.81% *
Rate of compensation increase	3.62%	3.62%	3.50%	3.50%

* after tax

Great Plains Energy expects to contribute \$79.6 million to the pension plans in 2017 to meet Employee Retirement Income Security Act of 1974, as amended (ERISA) funding requirements and regulatory orders, the majority of which is expected to be paid by KCP&L. Great Plains Energy's funding policy is to contribute amounts sufficient to meet the ERISA 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 \$4.6 million to other post-retirement benefit plans in 2017, 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 2026.

	Pension Benefits	Other Benefits
	(millions)	
2017	\$ 84.9	\$ 8.9
2018	81.0	9.4
2019	84.1	10.0
2020	85.9	10.3
2021	87.7	10.7
2022-2026	448.5	58.7

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 34% U.S. large cap and small cap equity securities, 21% international equity securities, 36% fixed income securities, 6% real estate, 1% commodities and 2% hedge funds. Fixed income securities include domestic and foreign corporate bonds, collateralized mortgage obligations and asset-backed securities, U.S.

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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, 2016 and 2015, by asset category are in the following tables.

Description	December 31 2016	Fair Value Measurements Using			
		Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Assets measured at NAV
		(millions)			
Pension Plans					
Equity securities					
U.S. ^(a)	\$ 247.6	\$ 213.0	\$ -	\$ -	\$ 34.6
International ^(b)	163.7	120.4	-	-	43.3
Real estate ^(c)	42.7	12.4	-	-	30.3
Commodities ^(d)	14.1	-	-	-	14.1
Fixed income securities					
Fixed income funds ^(e)	65.1	20.9	-	-	44.2
U.S. Treasury	52.2	52.2	-	-	-
U.S. Agency, state and local obligations	17.9	-	17.9	-	-
U.S. corporate bonds ^(f)	120.2	-	120.2	-	-
Foreign corporate bonds	9.3	-	9.3	-	-
Hedge funds ^(g)	15.6	-	-	-	15.6
Cash equivalents	31.7	31.7	-	-	-
Other	(3.3)	-	(3.3)	-	-
Total	\$ 776.8	\$ 450.6	\$ 144.1	\$ -	\$ 182.1

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Description	December 31 2015	Fair Value Measurements Using			
		Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Assets measured at NAV
		(millions)			
Pension Plans					
Equity securities					
U.S. ^(a)	\$ 226.0	\$ 195.5	\$ -	\$ -	\$ 30.5
International ^(b)	147.4	109.7	-	-	37.7
Real estate ^(c)	45.9	12.2	-	-	33.7
Commodities ^(d)	5.8	-	-	-	5.8
Fixed income securities					
Fixed income funds ^(e)	60.4	20.0	-	-	40.4
U.S. Treasury	48.8	48.8	-	-	-
U.S. Agency, state and local obligations	19.0	-	19.0	-	-
U.S. corporate bonds ^(f)	108.8	-	108.8	-	-
Foreign corporate bonds	10.2	-	10.2	-	-
Hedge funds ^(g)	23.7	-	-	-	23.7
Cash equivalents	26.0	26.0	-	-	-
Other	1.9	-	1.9	-	-
Total	\$ 723.9	\$ 412.2	\$ 139.9	\$ -	\$ 171.8

(a) At December 31, 2016 and 2015, this category is comprised of \$128.8 million and \$121.6 million, respectively, of traded mutual funds valued at daily listed prices and \$84.2 million and \$73.9 million, respectively, of traded common stocks and exchange traded funds. At December 31, 2016 and 2015, this category also includes \$34.6 million and \$30.5 million, respectively, of institutional common/collective trust funds valued at net asset value (NAV) per share (or its equivalent) and is not categorized in the fair value hierarchy.

(b) At December 31, 2016 and 2015, this category is comprised of \$92.8 million and \$34.2 million, respectively, of traded mutual funds valued at daily listed prices and \$27.6 million and \$75.5 million, respectively, of traded American depository receipts, global depository receipts and ordinary shares. At December 31, 2016 and 2015, this category also includes \$43.3 million and \$37.7 million, respectively, of institutional common/collective trust funds valued at NAV per share (or its equivalent) and is not categorized in the fair value hierarchy.

(c) At December 31, 2016 and 2015, this category is comprised of \$12.4 million and \$12.2 million, respectively, of traded real estate investment trusts. At December 31, 2016 and 2015, this category also includes \$30.3 million and \$33.7 million, respectively, of institutional common/collective trust funds and a limited partnership valued at NAV per share (or its equivalent) and is not categorized in the fair value hierarchy.

(d) Consists of institutional common/collective trust funds valued at NAV per share (or its equivalent) and is not categorized in the fair value hierarchy.

(e) At December 31, 2016 and 2015, this category is comprised of \$20.9 million and \$20.0 million, respectively, of traded mutual funds valued at daily listed prices. At December 31, 2016 and 2015, this category also includes \$44.2 million and \$40.4 million, respectively, of institutional common/collective trust funds valued at NAV per share (or its equivalent) and is not categorized in the fair value hierarchy.

(f) At December 31, 2016 and 2015, this category is comprised of \$115.7 million and \$103.0 million, respectively, of corporate bonds, \$2.3 million and \$2.9 million, respectively, of collateralized mortgage obligations and \$2.2 million and \$2.9 million, respectively, of other asset-backed securities.

(g) Consists of closely-held limited partnerships valued at NAV per share (or its equivalent) and is not categorized in the fair value hierarchy.

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 primarily in fixed income securities, which may include domestic and foreign corporate bonds, collateralized mortgage obligations and

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asset-backed securities, U.S. government agency, state and local obligations, U.S. Treasury notes and money market funds, as well as domestic and international equity funds.

The fair values of Great Plains Energy's other post-retirement plan assets at December 31, 2016 and 2015, by asset category are in the following tables.

Description	December 31 2016	Fair Value Measurements Using			
		Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Assets measured at NAV
		(millions)			
Other Post-Retirement Benefit Plans					
Equity securities	\$ 4.1	\$ 4.1	\$ -	\$ -	\$ -
Fixed income securities					
Fixed income fund ^(a)	62.7	-	-	-	62.7
U.S. Treasury	3.9	3.9	-	-	-
U.S. Agency, state and local obligations	4.3	-	4.3	-	-
U.S. corporate bonds ^(b)	17.8	-	17.8	-	-
Foreign corporate bonds	1.6	-	1.6	-	-
Cash equivalents	19.5	19.5	-	-	-
Other	1.7	0.2	1.5	-	-
Total	\$ 115.6	\$ 27.7	\$ 25.2	\$ -	\$ 62.7

Description	December 31 2015	Fair Value Measurements Using			
		Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Assets measured at NAV
		(millions)			
Other Post-Retirement Benefit Plans					
Equity securities	\$ 3.2	\$ 3.2	\$ -	\$ -	\$ -
Fixed income securities					
Fixed income fund ^(a)	68.9	0.1	-	-	68.8
U.S. Treasury	3.9	3.9	-	-	-
U.S. Agency, state and local obligations	5.4	-	5.4	-	-
U.S. corporate bonds ^(b)	15.6	-	15.6	-	-
Foreign corporate bonds	1.6	-	1.6	-	-
Cash equivalents	14.0	14.0	-	-	-
Other	1.7	-	1.7	-	-
Total	\$ 114.3	\$ 21.2	\$ 24.3	\$ -	\$ 68.8

(a) At December 31, 2015, this category is comprised of \$0.1 million of traded mutual funds valued at daily listed prices. At December 31, 2016 and 2015, this category also includes \$62.7 million and \$68.8 million, respectively, of an institutional common/collective trust fund valued at NAV per share (or its equivalent) and is not categorized in the fair value hierarchy.

(b) At December 31, 2016 and 2015, this category is comprised of \$14.0 million and \$12.6 million, respectively, of corporate bonds, \$0.5 million and \$0.6 million, respectively, of collateralized mortgage obligations and \$3.3 million and \$2.4 million, respectively, of other asset-backed securities.

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Assumed health care cost trend rates have a significant effect on the amounts reported for the health care plans. The cost trend assumed for 2016 and 2017 was 6.8% and 6.5%, respectively, with the rate declining through 2025 to the ultimate cost trend rate of 4.5%.

The effects of a one-percentage point change in the assumed health care cost trend rates, holding all other assumptions constant, at December 31, 2016, are detailed in the following table.

	Increase	Decrease
	(millions)	
Effect on total service and interest component	\$ 0.8	\$ (0.7)
Effect on post-retirement benefit obligation	1.0	(0.8)

Employee Savings Plans

Great Plains Energy has defined contribution savings plans (401(k)) that cover substantially all employees. Great Plains Energy matches employee contributions, subject to limits. KCP&L's annual cost of the plans was approximately \$8.0 million in 2016 and \$7.9 million in 2015.

9. EQUITY COMPENSATION

KCP&L does not have an equity compensation plan; however, certain employees participate in Great Plains Energy's Long-Term Incentive Plan. Great Plains Energy's Long-Term Incentive Plan is an equity compensation plan approved by Great Plains Energy's shareholders. The Long-Term Incentive Plan permits the grant of restricted stock, restricted stock units, bonus shares, stock options, stock appreciation rights, limited stock appreciation rights, director shares, director deferred share units and performance shares to directors, officers and other employees of Great Plains Energy and KCP&L. The maximum number of shares of Great Plains Energy common stock that can be issued under the plan is 8.0 million. Common stock shares delivered by Great Plains Energy under the Long-Term Incentive Plan may be authorized but unissued, held in the treasury or purchased on the open market (including private purchases) in accordance with applicable securities laws. Great Plains Energy has a policy of delivering newly issued shares, or shares surrendered by Long-Term Incentive Plan participants for the withholding of taxes and held in treasury, or both, and does not expect to repurchase common shares during 2017 to satisfy performance share payments and director deferred share unit conversion. Forfeiture rates are based on historical forfeitures and future expectations and are reevaluated annually.

The following table summarizes KCP&L's equity compensation expense and the associated income tax benefit.

	2016	2015
	(millions)	
Equity compensation expense	\$ 3.2	\$ 2.6
Income tax benefit	1.0	0.9

Performance Shares

The payment of performance shares is contingent upon achievement of specific performance goals over a stated period of time as approved by the Compensation and Development Committee of Great Plains Energy's Board. The number of performance shares ultimately paid can vary from the number of shares initially granted depending on Great Plains Energy's performance over stated performance periods. Compensation expense for performance shares is calculated by recognizing the portion of the fair value for each reporting period for which the requisite service has been rendered.

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Dividends are accrued over the vesting period and paid in cash based on the number of performance shares ultimately paid.

The fair value of performance share awards is estimated using the market value of Great Plains Energy's stock at the valuation date and a Monte Carlo simulation technique that incorporates assumptions for inputs of expected volatilities, dividend yield and risk-free rates. Expected volatility is based on daily stock price change during a historical period commensurate with the remaining term of the performance period of the grant. The risk-free rate is based upon the rate at the time of the evaluation for zero-coupon government bonds with a maturity consistent with the remaining performance period of the grant. The dividend yield is based on the most recent dividends paid and the actual closing stock price on the valuation date. For shares granted in 2016, inputs for expected volatility, dividend yield and risk-free rates were 18%, 3.61% and 0.94%, respectively.

Performance share activity is summarized in the following table. Performance adjustment represents the number of shares of common stock related to performance shares ultimately issued that can vary from the number of performance shares initially granted depending on Great Plains Energy's performance over a stated period of time.

	Performance Shares	Grant Date Fair Value*
Beginning balance January 1, 2016	609,010	\$ 25.60
Granted	225,204	31.41
Earned	(306,953)	24.22
Forfeited	(1,714)	27.61
Performance adjustment	99,553	24.16
Ending balance December 31, 2016	625,100	28.13

* weighted-average

At December 31, 2016, the remaining weighted-average contractual term was 1.1 years. The weighted-average grant-date fair value of shares granted was \$31.41 and \$24.03 in 2016 and 2015, respectively. At December 31, 2016, there was \$4.3 million of total unrecognized compensation expense, net of forfeiture rates, related to performance shares granted under the Long-Term Incentive Plan, which will be recognized over the remaining weighted-average contractual term. The total fair value of performance shares earned and paid was \$7.4 million and \$0.5 million in 2016 and 2015, respectively.

Restricted Stock

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

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	Nonvested Restricted Stock	Grant Date Fair Value*
Beginning balance January 1, 2016	231,508	\$ 24.78
Granted and issued	96,053	29.41
Vested	(77,317)	22.69
Forfeited	(572)	27.51
Ending balance December 31, 2016	249,672	27.20

* weighted-average

At December 31, 2016, the remaining weighted-average contractual term was 1.2 years. The weighted-average grant-date fair value of shares granted was \$29.41 and \$25.89 in 2016 and 2015, respectively. At December 31, 2016, there was \$1.7 million of total unrecognized compensation expense, net of forfeiture rates, related to nonvested restricted stock granted under the Long-Term Incentive Plan, which will be recognized over the remaining weighted-average contractual term. Total fair value of shares vested was \$1.8 million and \$2.2 million in 2016 and 2015, respectively.

Director Deferred Share Units

Non-employee directors receive shares of Great Plains Energy's common stock as part of their annual retainer. Each director may elect to defer receipt of their shares by receiving Director Deferred Share Units that convert to shares of Great Plains Energy's common stock at the end of January in the year after departure from the Board or such other time as elected by each director. Director Deferred Share Units have a value equal to the market value of Great Plains Energy's common stock on the grant date with accruing dividends. Compensation expense, calculated by multiplying the director deferred share units by the related grant-date fair value, is recognized at the grant date. The total fair value of shares of Director Deferred Share Units issued was insignificant for 2016 and 2015. Director Deferred Share Units activity is summarized in the following table.

	Share Units	Grant Date Fair Value*
Beginning balance January 1, 2016	115,415	\$ 22.95
Issued	23,172	28.99
Ending balance December 31, 2015	138,587	23.96

* weighted-average

10. SHORT-TERM BORROWINGS AND SHORT-TERM BANK LINES OF CREDIT

KCP&L's \$600 million revolving credit facility with a group of banks provides support for its issuance of commercial paper and other general corporate purposes and expires in October 2019. Great Plains Energy and KCP&L may transfer up to \$200 million of unused commitments between Great Plains Energy's and KCP&L's facilities. A default by KCP&L on other indebtedness totaling more than \$50.0 million is a default under the facility. Under the terms of this facility, KCP&L 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, 2016, KCP&L was in compliance with this covenant. At December 31, 2016, KCP&L had \$132.9 million of commercial paper outstanding at a weighted-average interest rate of 0.98%, had issued letters of credit totaling \$2.8 million and had no outstanding cash borrowings under the credit facility. At December 31, 2015, KCP&L had \$180.3 million of commercial paper outstanding at a weighted-average interest rate of 0.70%, had issued letters of credit totaling \$2.7 million and had no outstanding cash borrowings under the credit facility.

11. LONG-TERM DEBT

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

	Year Due	2016	2015
(millions)			
General Mortgage Bonds			
2.47% EIRR bonds ^(a)	2017-2035	\$ 110.5	\$ 110.5
7.15% Series 2009A (8.59% rate) ^(b)	2019	400.0	400.0
Senior Notes			
5.85% Series (5.72% rate) ^(b)	2017	250.0	250.0
6.375% Series (7.49% rate) ^(b)	2018	350.0	350.0
3.15% Series	2023	300.0	300.0
3.65% Series	2025	350.0	350.0
6.05% Series (5.78% rate) ^(b)	2035	250.0	250.0
5.30% Series	2041	400.0	400.0
EIRR bonds			
0.694% Series 2007A and 2007B ^(c)	2035	146.5	146.5
2.875% Series 2008	2038	23.4	23.4
Unamortized discount		(4.4)	(4.8)
Total ^(d)		\$ 2,576.0	\$ 2,575.6

(a) Weighted-average interest rates at December 31, 2016

(b) Rate after amortizing gains/losses recognized in OCI on settlements of interest rate hedging instruments

(c) Variable rate

(d) At December 31, 2016 and 2015, does not include \$50.0 million and \$21.9 million of secured Series 2005 Environmental Improvement Revenue Refunding (EIRR) bonds because the bonds were repurchased in September 2015 and are held by KCP&L.

Amortization of Debt Expense

KCP&L's amortization of debt expense was \$3.2 million and \$3.0 million for 2016 and 2015, respectively.

KCP&L General Mortgage Bonds

KCP&L has issued mortgage bonds under the General Mortgage Indenture and Deed of Trust dated December 1, 1986, as supplemented (Indenture). The Indenture creates a mortgage lien on substantially all of KCP&L's utility plant. Mortgage bonds totaling \$510.5 million were outstanding at December 31, 2016 and 2015, respectively.

KCP&L Municipal Bond Insurance Policies

KCP&L's secured Series 2005 EIRR bonds totaling \$50.0 million and \$21.9 million, respectively, are covered by a municipal bond insurance policy between KCP&L and Syncora Guarantee, Inc. (Syncora). The insurance agreements between KCP&L and Syncora provide for reimbursement by KCP&L for any amounts that Syncora pays under the municipal bond insurance policies. The insurance agreements contain a covenant that the indebtedness to total capitalization ratio of KCP&L and its consolidated subsidiaries will not be greater than 0.68 to 1.00. At December 31, 2016, KCP&L was in compliance with this covenant. KCP&L is also restricted from issuing additional bonds under its General Mortgage Indenture if, after giving effect to such additional bonds, the proportion of secured debt to total indebtedness would be more than 75%, or more than 50% if the long term rating for such bonds by Standard & Poor's or Moody's Investors Service would be at or below A- or A3, respectively. The insurance agreement covering the unsecured Series 2005 EIRR bonds also required KCP&L to provide collateral to Syncora in the form of \$50.0 million of Mortgage Bonds Series 2005 EIRR Insurer due 2035 for KCP&L's obligations under the insurance agreement as a result of KCP&L issuing general mortgage bonds in 2009 (other than refunding of outstanding general mortgage bonds) that resulted in the aggregate amount of outstanding general mortgage bonds exceeding 10% of total capitalization. The bonds are not incremental debt for KCP&L but collateralize Syncora's claim on KCP&L if Syncora was required to meet its obligation

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NOTES TO FINANCIAL STATEMENTS (Continued)			

under the insurance agreement. In the event of a default under the insurance agreements, Syncora may take any available legal or equitable action against KCP&L, including seeking specific performance of the covenants.

Scheduled Maturities

KCP&L's long-term debt maturities for the next five years are detailed in the following table.

	2017	2018	2019	2020	2021
			(millions)		
KCP&L	\$ 281.0	\$350.0	\$400.0	\$ -	\$ -

12. COMMON SHAREHOLDER'S EQUITY

Certain conditions in the MPSC and KCC orders authorizing the holding company structure require KCP&L to maintain consolidated common equity of at least 35% of total capitalization (including only the amount of short-term debt in excess of the amount of construction work in progress). Under the Federal Power Act, KCP&L generally can pay dividends only out of retained earnings. The revolving credit agreement of KCP&L contains a covenant requiring it to maintain a consolidated indebtedness to consolidated total capitalization ratio of not more than 0.65 to 1.00 at all times. As of December 31, 2016, all of KCP&L's retained earnings and net income were free of restrictions.

13. COMMITMENTS AND CONTINGENCIES

Environmental Remediation

Certain federal and state laws, including the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), hold current and previous owners or operators of contaminated facilities and persons who arranged for the disposal or treatment of hazardous substances liable for the cost of investigation and cleanup. CERCLA and other laws also authorize the EPA and other agencies to issue orders compelling potentially responsible parties to clean up sites that are determined to present an actual or potential threat to human health or the environment.

At December 31, 2016, and 2015, KCP&L had \$0.3 million accrued for environmental remediation expenses, which covers ground water monitoring at a former manufactured gas plant site. The amount accrued was established on an undiscounted basis and KCP&L does not currently have an estimated time frame over which the accrued amount may be paid.

Contractual Commitments

KCP&L's expenses related to lease commitments were \$13.7 million in 2016 and \$15.0 million in 2015.

KCP&L's contractual commitments at December 31, 2016, excluding pensions and long-term debt, are detailed in the following table.

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	2017	2018	2019	2020	2021	After 2021	Total
Lease commitments	(millions)						
Operating lease	\$ 12.0	\$ 11.0	\$ 9.3	\$ 9.7	\$ 9.7	\$ 110.5	\$ 162.2
Capital lease	0.2	0.2	0.2	0.2	0.2	1.6	2.6
Purchase commitments							
Fuel	221.5	119.4	43.6	35.1	1.8	100.8	522.2
Power	34.8	34.8	34.8	34.8	34.9	324.9	499.0
Other	49.3	31.1	30.6	5.0	5.6	33.0	154.6
Total contractual commitments	\$ 317.8	\$ 196.5	\$ 118.5	\$ 84.8	\$ 52.2	\$ 570.8	\$ 1,340.6

KCP&L's lease commitments end in 2048. Operating lease commitments include rail cars to serve jointly-owned generating units where KCP&L is the managing partner. Of the amounts included in the table above, KCP&L will be reimbursed by the other owners for approximately \$1.5 million in 2017, \$1.2 million in 2018 and approximately \$0.4 million per year from 2019 to 2025, for a total of \$5.5 million.

Fuel commitments consist of commitments for nuclear fuel, coal and coal transportation. Power commitments consist of commitments for renewable energy under power purchase agreements. Other represents individual commitments entered into in the ordinary course of business.

14. RELATED PARTY TRANSACTIONS AND RELATIONSHIPS

KCP&L employees manage GMO's business and operate its facilities at cost, including GMO's 18% ownership interest in KCP&L's Iatan Nos. 1 and 2. The operating expenses and capital costs billed from KCP&L to GMO were \$194.4 million for 2016 and \$183.6 million for 2015. Additionally, KCP&L and GMO engage in wholesale electricity transactions with each other. KCP&L's net wholesale sales to GMO were \$0.8 million and \$0.2 million in 2016 and 2015, respectively.

KCP&L and GMO are also authorized to participate in the Great Plains Energy money pool, an internal financing arrangement in which funds may be lent on a short-term basis to KCP&L and GMO from Great Plains Energy and between KCP&L and GMO. At December 31, 2016 and 2015, KCP&L had no outstanding receivables or payables under the money pool.

The following table summarizes KCP&L's related party net receivables.

	2016	2015
	(millions)	
Net receivable from GMO	\$ 64.6	\$ 50.0
Net receivable from KCP&L Receivables Company	53.6	32.8
Net receivable from Great Plains Energy	2.6	15.8

15. DERIVATIVE INSTRUMENTS

KCP&L is exposed to a variety of market risks including interest rates and commodity prices. Management has established risk management policies and strategies to reduce the potentially adverse effects that the volatility of the markets may have on KCP&L's operating results. KCP&L's interest rate risk management activities have included using derivative instruments to hedge against future interest rate fluctuations on anticipated debt issuances. Commodity risk management activities, including the use of certain derivative instruments, are subject to the management, direction and control of an internal commodity risk committee. Management maintains commodity price risk management strategies

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that use derivative instruments to reduce the effects of fluctuations in wholesale sales and fuel and purchased power expense caused by commodity price volatility.

Counterparties to commodity derivatives expose KCP&L to credit loss in the event of nonperformance. This credit loss is limited to the cost of replacing these contracts at current market rates. Derivative instruments, excluding those instruments that qualify for the 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 KCC and MPSC regulatory orders. For derivative contracts with counterparties under master netting arrangements, KCP&L can net receivables and payables with each respective counterparty.

Commodity Risk Management

KCP&L has Transmission Congestion Rights (TCRs) that it utilizes to hedge against congestion costs and protect load prices in the Southwest Power Pool, Inc. (SPP) Integrated Marketplace. These financial contracts have been designated as economic hedges (non-hedging derivatives). The fair values of these instruments are recorded as derivative assets or liabilities with an offsetting entry recorded to a regulatory asset or liability. The settlement costs are included in a recovery mechanism. A regulatory asset or liability is recorded to reflect the change in the timing of recognition authorized by KCC and MPSC. Recovery of actual costs will not impact earnings, but will impact cash flows due to the timing of the recovery mechanism.

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

	2016		2015	
	Notional Contract Amount	Fair Value	Notional Contract Amount	Fair Value
Non-hedging derivatives		(millions)		
Futures contracts	\$ -	\$ -	\$ 0.9	\$ (0.1)
Transmission congestion rights	2.7	0.9	4.1	(0.4)

The fair values of KCP&L's open derivative positions and balance sheet classification are summarized in the following table. The fair values below are gross values before netting agreements and netting of cash collateral.

	Balance Sheet Classification	Asset Derivatives Fair Value	Liability Derivatives Fair Value
December 31, 2016			
Derivatives Not Designated as Hedging Instruments		(millions)	
Commodity contracts	Other	\$ 1.3	\$ 0.4
December 31, 2015			
Derivatives Not Designated as Hedging Instruments			
Commodity contracts	Other	\$ 0.2	\$ 0.7

The following table provides information regarding KCP&L's offsetting of derivative assets and liabilities.

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Description	Gross Amounts Recognized	Gross Amounts Offset in the Statement of Financial Position	Net Amounts Presented in the Statement of Financial Position	Gross Amounts Not Offset in the Statement of Financial Position		
				Financial Instruments	Cash Collateral	Net Amount
December 31, 2016			(millions)			
Derivative assets	\$ 1.3	\$ (0.4)	\$ 0.9	\$ -	\$ -	\$ 0.9
Derivative liabilities	0.4	(0.4)	-	-	-	-
December 31, 2015						
Derivative assets	\$ 0.2	\$ (0.2)	\$ -	\$ -	\$ -	\$ -
Derivative liabilities	0.7	(0.3)	0.4	-	-	0.4

See Note 17 for information regarding amounts reclassified out of accumulated other comprehensive loss for KCP&L.

KCP&L's accumulated OCI at December 31, 2016, includes \$7.5 million that is expected to be reclassified to expenses over the next twelve months.

The following table summarizes the amounts of gain (loss) recognized for the change in fair value of derivatives not designated as hedging instruments for KCP&L.

Derivatives Not Designated as Hedging Instruments			
	2016	2015	
Location of Gain (Loss)			(millions)
Electric revenues	\$ 3.5	\$ (8.2)	
Fuel and purchased power	0.1	1.5	
Regulatory asset	-	(0.5)	
Regulatory liability	1.0	-	
Total	\$ 4.6	\$ (7.2)	

16. FAIR VALUE MEASUREMENTS

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

Level 1 – Unadjusted quoted prices for identical assets or liabilities in active markets that KCP&L has access to at the measurement date.

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.

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

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KCP&L records cash and cash equivalents and short-term borrowings on the balance sheet at cost, which approximates fair value due to the short-term nature of these instruments.

KCP&L records long-term debt on the balance sheet at amortized cost. The fair value of long-term debt is measured as a Level 2 liability and is based on quoted market prices, with the incremental borrowing rate for similar debt used to determine fair value if quoted market prices are not available. At December 31, 2016, the book value and fair value of KCP&L's long-term debt, including current maturities, were \$2.6 billion and \$2.7 billion, respectively. At December 31, 2015, the book value and fair value of KCP&L's long-term debt, including current maturities, were \$2.6 billion and \$2.8 billion, respectively.

The following tables include KCP&L's balances of financial assets and liabilities measured at fair value on a recurring basis. The fair values below are gross values before netting arrangements and netting of cash collateral.

	December 31			
Description	2016	Level 1	Level 2	Level 3
	(millions)			
Assets				
Nuclear decommissioning trust ^(a)				
Equity securities	\$ 153.9	\$ 153.9	\$ -	\$ -
Debt securities				
U.S. Treasury	27.8	27.8	-	-
U.S. Agency	1.7	-	1.7	-
State and local obligations	3.2	-	3.2	-
Corporate bonds	32.4	-	32.4	-
Foreign governments	0.1	-	0.1	-
Cash equivalents	3.8	3.8	-	-
Total nuclear decommissioning trust	222.9	185.5	37.4	-
Self-insured health plan trust ^(b)				
Equity securities	0.9	0.9	-	-
Debt securities	4.8	0.1	4.7	-
Cash and cash equivalents	5.6	5.6	-	-
Total self-insured health plan trust	11.3	6.6	4.7	-
Derivative instruments ^(c)	1.3	-	-	1.3
Total	\$ 235.5	\$ 192.1	\$ 42.1	\$ 1.3
Liabilities				
Derivative instruments ^(c)	0.4	-	-	0.4
Total	\$ 0.4	\$ -	\$ -	\$ 0.4

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NOTES TO FINANCIAL STATEMENTS (Continued)			

Description	December 31			
	2015	Level 1	Level 2	Level 3
(millions)				
Assets				
Nuclear decommissioning trust ^(a)				
Equity securities	\$ 135.4	\$ 135.4	\$ -	\$ -
Debt securities				
U.S. Treasury	26.4	26.4	-	-
U.S. Agency	1.8	-	1.8	-
State and local obligations	4.0	-	4.0	-
Corporate bonds	29.2	-	29.2	-
Foreign governments	0.3	-	0.3	-
Cash equivalents	3.6	3.6	-	-
Total nuclear decommissioning trust	200.7	165.4	35.3	-
Self-insured health plan trust ^(b)				
Equity securities	1.1	1.1	-	-
Debt securities	7.3	-	7.3	-
Cash and cash equivalents	5.2	5.2	-	-
Total self-insured health plan trust	13.6	6.3	7.3	-
Derivative instruments ^(c)	0.2	-	-	0.2
Total	\$ 214.5	\$ 171.7	\$ 42.6	\$ 0.2
Liabilities				
Derivative instruments ^(c)	0.7	0.1	-	0.6
Total	\$ 0.7	\$ 0.1	\$ -	\$ 0.6

(a) Fair value is based on quoted market prices of the investments held by the fund and/or valuation models.

(b) Fair value is based on quoted market prices of the investments held by the trust. Debt securities classified as Level 1 are comprised of U.S. Treasury securities. Debt securities classified as Level 2 are comprised of corporate bonds, U.S. Agency, state and local obligations, and other asset-backed securities.

(c) The fair value of derivative instruments is estimated using market quotes. Derivative instruments classified as Level 1 represent exchange traded derivative instruments. Derivative instruments classified as Level 3 represent TCRs valued at the most recent auction price in the SPP Integrated Marketplace.

The following table reconciles the beginning and ending balances for all Level 3 assets and liabilities measured at fair value on a recurring basis.

Fair Value Measurements Using Significant Unobservable Inputs (Level 3)			
	Derivative Instruments		
	2016	2015	
	(millions)		
Net asset (liability) at January 1	\$	(0.4)	\$ 3.1
Total realized/unrealized gains (losses):			
included in electric revenue		3.5	(8.2)
included in regulatory (asset) liability		1.0	(0.4)
Purchases		(0.3)	(0.8)
Settlements		(2.9)	5.9
Net asset (liability) at December 31	\$	0.9	\$ (0.4)
Total unrealized gains (losses) relating to assets and liabilities still on the balance sheet at December 31:			
included in regulatory (asset) liability		1.0	(0.4)

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17. ACCUMULATED OTHER COMPREHENSIVE INCOME (LOSS)

	Gains and Losses on Cash Flow Hedges ^(a) (millions)
2016	
Beginning balance January 1	\$ (9.6)
Amounts reclassified from accumulated other comprehensive loss	5.4
Net current period other comprehensive income	5.4
Ending balance December 31	\$ (4.2)
2015	
Beginning balance January 1	\$ (14.9)
Amounts reclassified from accumulated other comprehensive loss	5.3
Net current period other comprehensive income	5.3
Ending balance December 31	\$ (9.6)

^(a) Net of tax

The following table reflects the change in the balances of each component of accumulated other comprehensive loss for KCP&L.

The following table reflects the effect on certain line items of net income from amounts reclassified out of each component of accumulated other comprehensive loss for KCP&L.

Details about Accumulated Other Comprehensive Loss Components	Amount Reclassified from Accumulated Other Comprehensive Loss		Affected Line Item in the Income Statement
	2016	2015	
	(millions)		
Gains and (losses) on cash flow hedges (effective portion)			
Interest rate contracts	\$ (8.8)	\$ (8.7)	Interest charges
	(8.8)	(8.7)	Income before income tax expense
	3.4	3.4	Income tax benefit
Total reclassifications, net of tax	\$ (5.4)	\$ (5.3)	Net income

18. TAXES

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

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	2016	2015
Current income taxes	(millions)	
Federal	\$ 21.6	\$ (21.7)
State	4.2	(3.9)
Total	25.8	(25.6)
Deferred income taxes		
Federal	76.4	82.1
State	16.9	17.6
Total	93.3	99.7
Investment tax credit		
Deferral	-	0.5
Amortization	(1.0)	(1.0)
Total	(1.0)	(0.5)
Income tax expense	\$ 118.1	\$ 73.6

Effective Income Tax Rates

Effective income tax rates reflected in the financial statements and the reasons for their differences from the statutory federal rates are detailed in the following table.

	2016	2015
Federal statutory income tax rate	35.0 %	35.0 %
Differences between book and tax depreciation not normalized	(0.3)	(0.1)
Amortization of investment tax credits	(0.3)	(0.5)
Federal income tax credits	(3.2)	(5.8)
State income taxes	4.1	4.0
Valuation allowance	-	0.3
Other	(0.2)	0.4
Effective income tax rate	35.1 %	33.3 %

Deferred Income Taxes

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

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NOTES TO FINANCIAL STATEMENTS (Continued)			

	2016	2015
Noncurrent deferred income taxes	(millions)	
Plant related	\$ (1,489.0)	\$ (1,398.9)
Income taxes on future regulatory recoveries	(123.9)	(125.0)
Derivative instruments	8.5	14.0
Pension and post-retirement benefits	38.6	27.4
SO ₂ emission allowance sales	24.1	25.7
Fuel recovery mechanisms	(27.2)	(6.3)
Tax credit carryforwards	177.4	166.6
Solar rebates	(11.4)	(16.9)
Customer demand programs	(21.8)	(13.1)
Net operating loss carryforward	198.3	204.2
Other	0.7	(7.1)
Net noncurrent deferred income tax liability before valuation allowance	(1,225.7)	(1,129.4)
Valuation allowance	-	(0.7)
Net noncurrent deferred income tax liability	\$ (1,225.7)	\$ (1,130.1)

	2016	2015
	(millions)	
Gross deferred income tax assets	\$ 728.5	\$ 736.0
Gross deferred income tax liabilities	(1,954.2)	(1,866.1)
Net deferred income tax liability	\$ (1,225.7)	\$ (1,130.1)

Tax Credit Carryforwards

At December 31, 2016 and 2015, KCP&L had \$177.4 million and \$166.6 million, respectively, of federal general business income tax credit carryforwards. The carryforwards for KCP&L relate primarily to Advanced Coal Investment Tax Credits and Wind Production tax credits and expire in the years 2028 to 2036.

19. JOINTLY-OWNED ELECTRIC UTILITY PLANTS

KCP&L's share of jointly-owned electric utility plants at December 31, 2016, is detailed in the following table.

	Wolf Creek Unit	La Cygne Units	Iatan No. 1 Unit	Iatan No. 2 Unit	Iatan Common
	(millions, except M W amounts)				
KCP&L's share	47%	50%	70%	55%	61%
Utility plant in service	\$ 1,853.1	\$ 1,099.5	\$ 532.8	\$ 1,022.4	\$ 403.1
Accumulated depreciation	889.6	275.6	210.8	346.6	113.0
Nuclear fuel, net	62.0	-	-	-	-
Construction work in progress	83.5	30.6	8.4	23.1	5.0
2017 accredited capacity-MW s	549	699	490	482	NA

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

20. ELECTRIC STORAGE TECHNOLOGIES

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As a result of FERC Order No. 784, the Final Rule adopted new and revised existing electric plant accounts and operations and maintenance expense accounts to accommodate the increasing availability of new energy storage resources and to ensure the costs of these resources are transparent to allow for effective oversight. The following tables reflect the activities recorded to plant account 363 Energy Storage Equipment – Distribution, account 592200 – Distribution Maintenance of Energy Storage Equipment and account 584100 – Distribution Operation of Energy Storage Equipment for the year ended December 31, 2016.

Name of Respondent	This Report is:	Date of Report	Year/Period of Report	
KCP&L	(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	(Mo, Da, Yr)	Q4 2016	
ENERGY STORAGE OPERATIONS (Small Plants)				
<p>1. Small Plants are plants less than 10,000 KW.</p> <p>2. In columns (a), (b) and (c) report the name of the energy storage project, functional classification (Production, Transmission, Distribution), and location.</p> <p>3. In column (d), report project plant cost including but not exclusive of land and land rights, structures and improvements, energy storage equipment and any other costs associated with the energy storage project.</p> <p>4. In column (e), report operation expenses excluding fuel, (f), maintenance expenses, (g) fuel costs for storage operations and (h) cost of power purchased for storage operations and reported in Account 555.1, Power Purchased for Storage Operations. If power was purchased from an affiliated seller specify how the cost of the power was determined.</p> <p>5. If any other expenses, report in column (i) and footnote the nature of the item(s).</p>				
Line No.	Name of the Energy Storage Project (a)	Functional Classification (b)	Location of Project (c)	Project Cost (d)
1	DOE-Grid Battery (1 MW)	Distribution	Sub-0075 Midtown	2,502,752
2				
FERC FORM NO. 1				
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KCP&L	(1) <input checked="" type="checkbox"/> An Original		(Mo, Da, Yr)	Q4 2016	
	(2) <input type="checkbox"/> A Resubmission				
ENERGY STORAGE OPERATIONS (Small Plants) (Continued)					
Line No.	Operations (Excluding Fuel used in Storage Operations) (e)	Maintenance (f)	Cost of fuel used in storage operations (g)	Account No. 555.1, Power Purchased for Storage Operations (h)	Other Expenses (i)
1	-	-	-	-	-
2					
FERC FORM NO. 1			Page 420		

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FOOTNOTE DATA			

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

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

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

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

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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)	9,913,689,094		9,913,689,094	
4	Property Under Capital Leases	1,684,170		1,684,170	
5	Plant Purchased or Sold				
6	Completed Construction not Classified				
7	Experimental Plant Unclassified				
8	Total (3 thru 7)	9,915,373,264		9,915,373,264	
9	Leased to Others				
10	Held for Future Use	9,721,468		9,721,468	
11	Construction Work in Progress	300,360,081		300,360,081	
12	Acquisition Adjustments				
13	Total Utility Plant (8 thru 12)	10,225,454,813		10,225,454,813	
14	Accum Prov for Depr, Amort, & Depl	3,838,524,040		3,838,524,040	
15	Net Utility Plant (13 less 14)	6,386,930,773		6,386,930,773	
16	Detail of Accum Prov for Depr, Amort & Depl				
17	In Service:				
18	Depreciation	3,610,053,014		3,610,053,014	
19	Amort & Depl of Producing Nat Gas Land/Land Right				
20	Amort of Underground Storage Land/Land Rights				
21	Amort of Other Utility Plant	228,471,026		228,471,026	
22	Total In Service (18 thru 21)	3,838,524,040		3,838,524,040	
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)	3,838,524,040		3,838,524,040	

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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
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Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
NUCLEAR FUEL MATERIALS (Account 120.1 through 120.6 and 157)					
<p>1. Report below the costs incurred for nuclear fuel materials in process of fabrication, on hand, in reactor, and in cooling; owned by the respondent.</p> <p>2. If the nuclear fuel stock is obtained under leasing arrangements, attach a statement showing the amount of nuclear fuel leased, the quantity used and quantity on hand, and the costs incurred under such leasing arrangements.</p>					
Line No.	Description of item (a)	Balance Beginning of Year (b)	Changes during Year Additions (c)		
1	Nuclear Fuel in process of Refinement, Conv, Enrichment & Fab (120.1)				
2	Fabrication				
3	Nuclear Materials	-3,816,013	17,346,965		
4	Allowance for Funds Used during Construction	8,940,152	666,416		
5	(Other Overhead Construction Costs, provide details in footnote)	15,150,285	1,757,954		
6	SUBTOTAL (Total 2 thru 5)	20,274,424			
7	Nuclear Fuel Materials and Assemblies				
8	In Stock (120.2)				
9	In Reactor (120.3)	106,728,421			
10	SUBTOTAL (Total 8 & 9)	106,728,421			
11	Spent Nuclear Fuel (120.4)	133,767,308			
12	Nuclear Fuel Under Capital Leases (120.6)				
13	(Less) Accum Prov for Amortization of Nuclear Fuel Assem (120.5)	192,501,678			
14	TOTAL Nuclear Fuel Stock (Total 6, 10, 11, 12, less 13)	68,268,475			
15	Estimated net Salvage Value of Nuclear Materials in line 9				
16	Estimated net Salvage Value of Nuclear Materials in line 11				
17	Est Net Salvage Value of Nuclear Materials in Chemical Processing				
18	Nuclear Materials held for Sale (157)				
19	Uranium				
20	Plutonium				
21	Other (provide details in footnote):				
22	TOTAL Nuclear Materials held for Sale (Total 19, 20, and 21)				

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of <u>2016/Q4</u>
NUCLEAR FUEL MATERIALS (Account 120.1 through 120.6 and 157)					
Changes during Year				Balance End of Year (f)	Line No.
Amortization (d)	Other Reductions (Explain in a footnote) (e)				
					1
					2
	39,879,176			-26,348,224	3
				9,606,568	4
				16,908,239	5
				166,583	6
					7
					8
5,051,724				101,676,697	9
				101,676,697	10
1,542,717				132,224,591	11
					12
20,447,878				172,053,800	13
				62,014,071	14
					15
					16
					17
					18
					19
					20
					21
					22

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

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

Other reductions include \$39,879K for Region 24 assemblies received on site June 2016. Moved associated dollars from 120.1 (work in process) to 120.2 (in stock). Amounts moved to 120.3 (in reactor) at the conclusion of Refuel 21 in November 2016.

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

Other Includes:

\$1,535,563 Consultant Charges
\$ 221,250 Labor and Overhead Charges
\$ 11,142 Travel
\$ (10,001) Other
\$1,757,954 Total

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Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
ELECTRIC PLANT IN SERVICE (Account 101, 102, 103 and 106)					
<p>1. Report below the original cost of electric plant in service according to the prescribed accounts.</p> <p>2. In addition to Account 101, Electric Plant in Service (Classified), this page and the next include Account 102, Electric Plant Purchased or Sold; Account 103, Experimental Electric Plant Unclassified; and Account 106, Completed Construction Not Classified-Electric.</p> <p>3. Include in column (c) or (d), as appropriate, corrections of additions and retirements for the current or preceding year.</p> <p>4. For revisions to the amount of initial asset retirement costs capitalized, included by primary plant account, increases in column (c) additions and reductions in column (e) adjustments.</p> <p>5. Enclose in parentheses credit adjustments of plant accounts to indicate the negative effect of such accounts.</p> <p>6. Classify Account 106 according to prescribed accounts, on an estimated basis if necessary, and include the entries in column (c). Also to be included in column (c) are entries for reversals of tentative distributions of prior year reported in column (b). Likewise, if the respondent has a significant amount of plant retirements which have not been classified to primary accounts at the end of the year, include in column (d) a tentative distribution of such retirements, on an estimated basis, with appropriate contra entry to the account for accumulated depreciation provision. Include also in column (d)</p>					
Line No.	Account (a)	Balance Beginning of Year (b)	Additions (c)		
1	1. INTANGIBLE PLANT				
2	(301) Organization	72,186			
3	(302) Franchises and Consents	22,937			
4	(303) Miscellaneous Intangible Plant	328,628,378	23,310,448		
5	TOTAL Intangible Plant (Enter Total of lines 2, 3, and 4)	328,723,501	23,310,448		
6	2. PRODUCTION PLANT				
7	A. Steam Production Plant				
8	(310) Land and Land Rights	9,644,654			
9	(311) Structures and Improvements	375,108,818	23,080,327		
10	(312) Boiler Plant Equipment	2,524,979,776	59,650,659		
11	(313) Engines and Engine-Driven Generators				
12	(314) Turbogenerator Units	503,992,389	24,345,395		
13	(315) Accessory Electric Equipment	311,617,527	20,310,920		
14	(316) Misc. Power Plant Equipment	54,606,868	2,967,192		
15	(317) Asset Retirement Costs for Steam Production	68,996,685	46,532,067		
16	TOTAL Steam Production Plant (Enter Total of lines 8 thru 15)	3,848,946,717	176,886,560		
17	B. Nuclear Production Plant				
18	(320) Land and Land Rights	3,474,780	144,518		
19	(321) Structures and Improvements	431,293,199	8,580,697		
20	(322) Reactor Plant Equipment	812,247,860	14,365,562		
21	(323) Turbogenerator Units	226,224,895	-4,141,744		
22	(324) Accessory Electric Equipment	145,728,938	-494,115		
23	(325) Misc. Power Plant Equipment	116,691,715	17,560,951		
24	(326) Asset Retirement Costs for Nuclear Production	23,127,805			
25	TOTAL Nuclear Production Plant (Enter Total of lines 18 thru 24)	1,758,789,192	36,015,869		
26	C. Hydraulic Production Plant				
27	(330) Land and Land Rights				
28	(331) Structures and Improvements				
29	(332) Reservoirs, Dams, and Waterways				
30	(333) Water Wheels, Turbines, and Generators				
31	(334) Accessory Electric Equipment				
32	(335) Misc. Power PLant Equipment				
33	(336) Roads, Railroads, and Bridges				
34	(337) Asset Retirement Costs for Hydraulic Production				
35	TOTAL Hydraulic Production Plant (Enter Total of lines 27 thru 34)				
36	D. Other Production Plant				
37	(340) Land and Land Rights	1,102,201			
38	(341) Structures and Improvements	13,101,274	-349,339		
39	(342) Fuel Holders, Products, and Accessories	12,083,282	16,314		
40	(343) Prime Movers				
41	(344) Generators	554,985,147	1,188,271		
42	(345) Accessory Electric Equipment	23,593,158	144,693		
43	(346) Misc. Power Plant Equipment	415,099	101,424		
44	(347) Asset Retirement Costs for Other Production	5,049,157			
45	TOTAL Other Prod. Plant (Enter Total of lines 37 thru 44)	610,329,318	1,101,363		
46	TOTAL Prod. Plant (Enter Total of lines 16, 25, 35, and 45)	6,218,065,227	214,003,792		

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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ELECTRIC PLANT IN SERVICE (Account 101, 102, 103 and 106) (Continued)

distributions of these tentative classifications in columns (c) and (d), including the reversals of the prior years tentative account distributions of these amounts. Careful observance of the above instructions and the texts of Accounts 101 and 106 will avoid serious omissions of the reported amount of respondent's plant actually in service at end of year.

7. Show in column (f) reclassifications or transfers within utility plant accounts. Include also in column (f) the additions or reductions of primary account classifications arising from distribution of amounts initially recorded in Account 102, include in column (e) the amounts with respect to accumulated provision for depreciation, acquisition adjustments, etc., and show in column (f) only the offset to the debits or credits distributed in column (f) to primary account classifications.

8. For Account 399, state the nature and use of plant included in this account and if substantial in amount submit a supplementary statement showing subaccount classification of such plant conforming to the requirement of these pages.

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

Retirements (d)	Adjustments (e)	Transfers (f)	Balance at End of Year (g)		Line No.
					1
			72,186		2
			22,937		3
			351,938,826		4
			352,033,949		5
					6
					7
		1	9,644,655		8
2,889,677		-941,277	394,358,191		9
49,368,058		-53,036	2,535,209,341		10
					11
12,693,028			515,644,756		12
10,140,357		-39,290	321,748,800		13
1,852,752		-58,620	55,662,688		14
	-5,141,278		110,387,474		15
76,943,872	-5,141,278	-1,092,222	3,942,655,905		16
					17
			3,619,298		18
46,590			439,827,306		19
127,072			826,486,350		20
231,196			221,851,955		21
			145,234,823		22
489,649			133,763,017		23
			23,127,805		24
894,507			1,793,910,554		25
					26
					27
					28
					29
					30
					31
					32
					33
					34
					35
					36
			1,102,201		37
137,810		963,101	13,577,226		38
2		53,033	12,152,627		39
					40
2,486,678		18,945	553,705,685		41
192,666			23,545,185		42
		58,621	575,144		43
			5,049,157		44
2,817,156		1,093,700	609,707,225		45
80,655,535	-5,141,278	1,478	6,346,273,684		46

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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	26,561,288			
49	(352) Structures and Improvements	5,972,505	250,476		
50	(353) Station Equipment	181,508,227	14,477,792		
51	(354) Towers and Fixtures	4,287,911			
52	(355) Poles and Fixtures	127,734,897	3,452,299		
53	(356) Overhead Conductors and Devices	108,533,377	2,690,987		
54	(357) Underground Conduit	3,648,880	451,739		
55	(358) Underground Conductors and Devices	3,120,097	121,987		
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)	461,367,182	21,445,280		
59	4. DISTRIBUTION PLANT				
60	(360) Land and Land Rights	25,823,640	34,376		
61	(361) Structures and Improvements	14,678,004	338,833		
62	(362) Station Equipment	220,495,072	14,634,930		
63	(363) Storage Battery Equipment	2,502,752	-89,718		
64	(364) Poles, Towers, and Fixtures	337,538,178	18,145,664		
65	(365) Overhead Conductors and Devices	246,716,512	9,325,536		
66	(366) Underground Conduit	275,636,029	10,244,165		
67	(367) Underground Conductors and Devices	490,831,008	22,264,898		
68	(368) Line Transformers	288,464,822	12,274,278		
69	(369) Services	131,501,626	12,248,838		
70	(370) Meters	124,743,743	3,084,460		
71	(371) Installations on Customer Premises	20,066,503	5,147,518		
72	(372) Leased Property on Customer Premises				
73	(373) Street Lighting and Signal Systems	35,533,850	2,408,009		
74	(374) Asset Retirement Costs for Distribution Plant				
75	TOTAL Distribution Plant (Enter Total of lines 60 thru 74)	2,214,531,739	110,061,787		
76	5. REGIONAL TRANSMISSION AND MARKET OPERATION PLANT				
77	(380) Land and Land Rights				
78	(381) Structures and Improvements				
79	(382) Computer Hardware				
80	(383) Computer Software				
81	(384) Communication Equipment				
82	(385) Miscellaneous Regional Transmission and Market Operation Plant				
83	(386) Asset Retirement Costs for Regional Transmission and Market Oper				
84	TOTAL Transmission and Market Operation Plant (Total lines 77 thru 83)				
85	6. GENERAL PLANT				
86	(389) Land and Land Rights	2,811,125	10,000		
87	(390) Structures and Improvements	146,043,816	3,445,256		
88	(391) Office Furniture and Equipment	48,815,541	23,096,772		
89	(392) Transportation Equipment	53,813,518	6,885,643		
90	(393) Stores Equipment	777,896	14,979		
91	(394) Tools, Shop and Garage Equipment	5,811,942	1,741,866		
92	(395) Laboratory Equipment	7,240,193	241,339		
93	(396) Power Operated Equipment	27,990,203	1,526,342		
94	(397) Communication Equipment	111,511,630	1,162,206		
95	(398) Miscellaneous Equipment	1,336,456	-183,301		
96	SUBTOTAL (Enter Total of lines 86 thru 95)	406,152,320	37,941,102		
97	(399) Other Tangible Property				
98	(399.1) Asset Retirement Costs for General Plant				
99	TOTAL General Plant (Enter Total of lines 96, 97 and 98)	406,152,320	37,941,102		
100	TOTAL (Accounts 101 and 106)	9,628,839,969	406,762,409		
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)	9,628,839,969	406,762,409		

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017		Year/Period of Report End of 2016/Q4	
ELECTRIC PLANT IN SERVICE (Account 101, 102, 103 and 106) (Continued)							
Retirements (d)	Adjustments (e)	Transfers (f)	Balance at End of Year (g)		Line No.		
					47		
			26,561,288		48		
15,475			6,207,506		49		
1,926,865			194,059,154		50		
			4,287,911		51		
509,636			130,677,560		52		
85,873			111,138,491		53		
			4,100,619		54		
1			3,242,083		55		
					56		
					57		
2,537,850			480,274,612		58		
					59		
			25,858,016		60		
56,888			14,959,949		61		
2,654,218			232,475,784		62		
			2,413,034		63		
1,516,054			354,167,788		64		
1,636,262		9,157	254,414,943		65		
775,436		-87,773	285,016,985		66		
2,125,348		23,211	510,993,769		67		
1,821,125		55,659	298,973,634		68		
191,870		1	143,558,595		69		
12,190,196			115,638,007		70		
126,967		-4,500	25,082,554		71		
					72		
3,731,117		4,245	34,214,987		73		
					74		
26,825,481			2,297,768,045		75		
					76		
					77		
					78		
					79		
					80		
					81		
					82		
					83		
					84		
					85		
			2,821,125		86		
1,854,191			147,634,881		87		
279,197		174,653	71,807,769		88		
4,197,830			56,501,331		89		
24,962			767,913		90		
43,659		-1,478	7,508,671		91		
76,332			7,405,200		92		
111,639			29,404,906		93		
165,330		-166,452	112,342,054		94		
		-8,201	1,144,954		95		
6,753,140		-1,478	437,338,804		96		
					97		
					98		
6,753,140		-1,478	437,338,804		99		
116,772,006	-5,141,278		9,913,689,094		100		
					101		
					102		
					103		
116,772,006	-5,141,278		9,913,689,094		104		

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 204 Line No.: 58 Column: b

Under KCP&L's transmission formula rate (Docket No. ER10-230), certain transmission assets included on pages 204-207 are excluded from rate base for the purpose of transmission formula rate calculations. These excluded transmission assets are defined under Attachment AI to the Southwest Power Pool (SPP) Open Access Transmission Tariff and other applicable Commission policies, as well as determined not to be transmission facilities for SPP ratemaking purposes in KCP&L's transmission classification filing, Docket No. EL08-89.

The balance of transmission assets at December 31, 2015 excluded from KCP&L's transmission formula rate was \$81,674,350.

Schedule Page: 204 Line No.: 58 Column: g

Under KCP&L's transmission formula rate (Docket No. ER10-230), certain transmission assets included on pages 204-207 are excluded from rate base for the purpose of transmission formula rate calculations. These excluded transmission assets are defined under Attachment AI to the Southwest Power Pool (SPP) Open Access Transmission Tariff and other applicable Commission policies, as well as determined not to be transmission facilities for SPP ratemaking purposes in KCP&L's transmission classification filing, Docket No. EL08-89.

The balance of transmission assets at December 31, 2016 excluded from KCP&L's transmission formula rate was \$85,087,428.

Schedule Page: 204 Line No.: 63 Column: g

Per FERC Order No. 784 related to Electric Storage Technologies, KCP&L is recording its 1 MW SmartGrid battery in distribution plant account 363 amounting to \$2,413,034.

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
ELECTRIC PLANT HELD FOR FUTURE USE (Account 105)					
<p>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.</p> <p>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.</p>					
Line No.	Description and Location Of Property (a)	Date Originally Included in This Account (b)	Date Expected to be used in Utility Service (c)	Balance at End of Year (d)	
1	Land and Rights:				
2					
3	Land for Hawthorn Ash Pond Expansion in	1996		3,651,071	
4	Jackson Co., Missouri				
5					
6	Site of future Ash Pond at Iatan Station in	1998		502,529	
7	Platte Co., Missouri				
8					
9	KCPL Campus Land	2008		2,547,848	
10					
11	Land for Charlotte Sub#141			648,226	
12					
13	Right of Way Easements (21) for 161KV Quarry-Murlene	2014		2,137,026	
14					
15					
16					
17					
18					
19					
20					
21	Other Property:				
22	Purchase Land for Hillsdale Substation	2005		234,768	
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47	Total			9,721,468	

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) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 214 Line No.: 22 Column: d

Per Case No. ER10-230-000, FERC transmission formula rate case, additional detail for Account 105000 has been provided below:

All other Property with original cost of less than \$250,000	\$234,768.14
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Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
CONSTRUCTION WORK IN PROGRESS - - ELECTRIC (Account 107)					
1. Report below descriptions and balances at end of year of projects in process of construction (107) 2. Show items relating to "research, development, and demonstration" projects last, under a caption Research, Development, and Demonstrating (see Account 107 of the Uniform System of Accounts) 3. Minor projects (5% of the Balance End of the Year for Account 107 or \$1,000,000, whichever is less) may be grouped.					
Line No.	Description of Project (a)				Construction work in progress - Electric (Account 107) (b)
1	OVATION 3.2 CYBER HARDENING				1,004,085
2	F&M Phase III Roof replacement				1,028,905
3	Microwave Refresh				1,079,079
4	FUKUSHIMA DEWATERING WELLS				1,127,623
5	CABLE PORTION-PROJECT VORTEX 2				1,137,272
6	MAIN GENERATOR MA01 378/G RELAY REP				1,171,370
7	DRY CASK STORAGE				1,182,002
8	Repl Xfmr 12 Leeds Sub 61				1,203,658
9	Endpoint Protection Software				1,214,934
10	Install/Interconnect new 12-watt				1,219,122
11	Repl Plant PA/Paging System				1,224,944
12	FUKUSHIMA ELECTRICAL MODIFICATION				1,263,714
13	Repl AirHeater A&B Cold End Baskets				1,268,780
14	Monitoring Enhancements Software				1,283,796
15	RF22 SWYD MODS - STARTUP TRANSFORMER				1,290,179
16	SYSTEM AK ACID TANK				1,332,205
17	Iatan-Piping & Instrument				1,342,499
18	F&M Meter building remodel				1,359,110
19	Add #1 Xfmr Swgr Sub 72				1,370,752
20	FUKUSHIMA MECHANICAL MODIFICATION				1,411,995
21	ESSENTIAL SERVICE WATER PROTECTED AREA				1,493,637
22	Enterprise Data Infrastruct Enhance				1,604,447
23	DISK STORAGE ADD				1,692,141
24	Wolf Creek License renewal update capital				1,700,174
25	ENGR STUDY-Cooling Tower Conversion				1,873,929
26	4 WAY DUCT BANK FROM 135TH/WAS				1,987,328
27	SITE COMMUNICATION SYSTEM				2,055,719
28	Wolf Creek CASA GRANDE RISK ANALYSIS				2,073,398
29	OPEN PHASE DETECTION ON STARTUP TRANSFORMER				2,365,265
30	REACTOR HEAD VESSEL FORGING				2,533,464
31	#SGK05A &B AIR CONDITIONING UNITS				2,539,050
32	Construct Landfill Phase3 Expansion				2,652,275
33	Repl FSH(Sec)&Platen(Pr)Superheater				2,801,211
34	DATA CENTER/WAN CORE				3,122,014
35	FEEDWATER CONTROL REPLACEMENT				3,274,215
36	Innovari Integrated Energy Platform				3,276,057
37	Site Design Sub 141				3,295,298
38	Ring Bus Sub 35 Loma Vista				3,384,696
39	Capital pump and motor refurbishment				3,426,223
40	MDM 2.1.0.3 SP3 Upgrade				3,566,456
41	MDM Phase III				3,614,443
42	GL 2004-02 CONTAINMENT DEBRIS REDUCTION				3,661,920
43	TOTAL				300,360,081

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
CONSTRUCTION WORK IN PROGRESS - - ELECTRIC (Account 107)					
1. Report below descriptions and balances at end of year of projects in process of construction (107) 2. Show items relating to "research, development, and demonstration" projects last, under a caption Research, Development, and Demonstrating (see Account 107 of the Uniform System of Accounts) 3. Minor projects (5% of the Balance End of the Year for Account 107 or \$1,000,000, whichever is less) may be grouped.					
Line No.	Description of Project (a)				Construction work in progress - Electric (Account 107) (b)
1	ESW ABOVE GROUND PIPE				3,991,161
2	Repl LP Turbine Rotor,Blades,Casing				4,487,166
3	Replace and Install New Multiplexor Network				4,556,167
4	SECURITY COMPUTER SYSTEM CYBER SECU				4,636,567
5	ESSENTIAL SERVICE WATER ABOVE GROUND PIPE				5,418,892
6	CIP V5 Administrative Software				5,500,272
7	LaCygne Rewind Generator and Install New Core Iron, Stator Windings and Wedges				5,804,266
8	New Elect Startup BFP& Repl piping				5,844,671
9	CIS Software Enhancements				11,282,007
10	ENGR STUDY-FGD Blowdown SDA-ZLD				12,137,847
11	Remanufacture and Replace Blades and Vanes on Hawthorn Unit 6				14,173,955
12	FUKUSHIMA DESIGN CHANGES AND MODIFICATIONS				15,781,140
13	ONE CIS				31,693,484
14	Misc. Projects under \$1 Million				92,543,102
15					
16					
17					
18					
19					
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39					
40					
41					
42					
43	TOTAL				300,360,081

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
ACCUMULATED PROVISION FOR DEPRECIATION OF ELECTRIC UTILITY PLANT (Account 108)					
<p>1. Explain in a footnote any important adjustments during year.</p> <p>2. Explain in a footnote any difference between the amount for book cost of plant retired, Line 11, column (c), and that reported for electric plant in service, pages 204-207, column 9d), excluding retirements of non-depreciable property.</p> <p>3. The provisions of Account 108 in the Uniform System of accounts require that retirements of depreciable plant be recorded when such plant is removed from service. If the respondent has a significant amount of plant retired at year end which has not been recorded and/or classified to the various reserve functional classifications, make preliminary closing entries to tentatively functionalize the book cost of the plant retired. In addition, include all costs included in retirement work in progress at year end in the appropriate functional classifications.</p> <p>4. Show separately interest credits under a sinking fund or similar method of depreciation accounting.</p>					
Section A. Balances and Changes During Year					
Line No.	Item (a)	Total (c+d+e) (b)	Electric Plant in Service (c)	Electric Plant Held for Future Use (d)	Electric Plant Leased to Others (e)
1	Balance Beginning of Year	3,517,813,724	3,517,813,724		
2	Depreciation Provisions for Year, Charged to				
3	(403) Depreciation Expense	215,399,822	215,399,822		
4	(403.1) Depreciation Expense for Asset Retirement Costs	12,990,180	12,990,180		
5	(413) Exp. of Elec. Plt. Leas. to Others				
6	Transportation Expenses-Clearing	5,220,477	5,220,477		
7	Other Clearing Accounts				
8	Other Accounts (Specify, details in footnote):	3,366,962	3,366,962		
9					
10	TOTAL Deprec. Prov for Year (Enter Total of lines 3 thru 9)	236,977,441	236,977,441		
11	Net Charges for Plant Retired:				
12	Book Cost of Plant Retired	116,772,006	116,772,006		
13	Cost of Removal	22,613,342	22,613,342		
14	Salvage (Credit)	5,919,091	5,919,091		
15	TOTAL Net Chrgs. for Plant Ret. (Enter Total of lines 12 thru 14)	133,466,257	133,466,257		
16	Other Debit or Cr. Items (Describe, details in footnote):	-4,486,343	-4,486,343		
17	Net Change in Retirement Workorders	-6,785,551	-6,785,551		
18	Book Cost or Asset Retirement Costs Retired				
19	Balance End of Year (Enter Totals of lines 1, 10, 15, 16, and 18)	3,610,053,014	3,610,053,014		
Section B. Balances at End of Year According to Functional Classification					
20	Steam Production	1,341,216,388	1,341,216,388		
21	Nuclear Production	860,989,827	860,989,827		
22	Hydraulic Production-Conventional				
23	Hydraulic Production-Pumped Storage				
24	Other Production	282,448,021	282,448,021		
25	Transmission	198,152,090	198,152,090		
26	Distribution	798,168,202	798,168,202		
27	Regional Transmission and Market Operation				
28	General	129,078,486	129,078,486		
29	TOTAL (Enter Total of lines 20 thru 28)	3,610,053,014	3,610,053,014		

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) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

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

Pursuant to Docket No. 10-KCPE-415-RTS with the Kansas Corporation Commission, KCP&L is to record over a 10 year period an amortization for unrecovered General Plant reserve. The amount recorded for 2016 was \$1,661,925.

Pursuant to Docket No. 15-KCPE-116-RTS with the Kansas Corporation Commission, KCP&L is to record over a 10 year period an amortization for unrecovered AMR meter reserve. The amount recorded for 2016 was \$1,115,339.

The provision for Unit Trains, \$589,698 is charged to Fuel Inventory.

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

Donation of Pin Oaks Training Center to the Kansas City Missouri School District \$3,713.

Transfer of Asset Retirement Cost reserve to 182 ARO Regulated Asset \$(4,426,145).

Adjustment of Asset Retirement Cost reserve for LaCygne Fuel Storage \$(63,911).

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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INVESTMENTS IN SUBSIDIARY COMPANIES (Account 123.1)

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

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

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

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

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

Line No.	Description of Investment (a)	Date Acquired (b)	Date Of Maturity (c)	Amount of Investment at Beginning of Year (d)
1	Kansas City Power & Light Receivables Company			3,000,000
2	Income (Loss) from Subsidiary			25,240,268
3				
4				
5				
6				
7				
8				
9				
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11				
12				
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38				
39				
40				
41				
42	Total Cost of Account 123.1 \$ 34,367,051		TOTAL	28,240,268

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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INVESTMENTS IN SUBSIDIARY COMPANIES (Account 123.1) (Continued)

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

Equity in Subsidiary Earnings of Year (e)	Revenues for Year (f)	Amount of Investment at End of Year (g)	Gain or Loss from Investment Disposed of (h)	Line No.
		3,000,000		1
6,126,783		31,367,051		2
				3
				4
				5
				6
				7
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				9
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6,126,783		34,367,051		42

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of <u>2016/Q4</u>
MATERIALS AND SUPPLIES					
<p>1. For Account 154, report the amount of plant materials and operating supplies under the primary functional classifications as indicated in column (a); estimates of amounts by function are acceptable. In column (d), designate the department or departments which use the class of material.</p> <p>2. Give an explanation of important inventory adjustments during the year (in a footnote) showing general classes of material and supplies and the various accounts (operating expenses, clearing accounts, plant, etc.) affected debited or credited. Show separately debit or credits to stores expense clearing, if applicable.</p>					
Line No.	Account (a)	Balance Beginning of Year (b)	Balance End of Year (c)	Department or Departments which Use Material (d)	
1	Fuel Stock (Account 151)	83,473,295	72,843,907		
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)	40,901,789	34,168,047		
6	Assigned to - Operations and Maintenance				
7	Production Plant (Estimated)	66,174,645	76,923,083		
8	Transmission Plant (Estimated)	100,859	145,086		
9	Distribution Plant (Estimated)	1,374,420	1,597,550		
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)	108,551,713	112,833,766		
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)	6,081,711	6,088,407		
17					
18					
19					
20	TOTAL Materials and Supplies (Per Balance Sheet)	198,106,719	191,766,080		

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) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light 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)	2015	2016
Production Plant (Estimated)	25,623,310	16,786,014
Transmission Plant (Estimated)	967,687	1,376,657
Distribution Plant (Estimated)	<u>14,310,792</u>	<u>16,005,376</u>
Total	40,901,789	34,168,047

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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Allowances (Accounts 158.1 and 158.2)

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

Line No.	SO2 Allowances Inventory (Account 158.1) (a)	Current Year		2017	
		No. (b)	Amt. (c)	No. (d)	Amt. (e)
1	Balance-Beginning of Year	425,812.00		69,193.00	
2					
3	Acquired During Year:				
4	Issued (Less Withheld Allow)	1,247.00		36,534.00	
5	Returned by EPA				
6					
7					
8	Purchases/Transfers:				
9	Westar Energy, Inc.	179.00			
10	KCP&L Greater Missouri Op	47.00			
11	MJMEUC	8.00			
12	KEPCO	3.00			
13					
14					
15	Total	237.00			
16					
17	Relinquished During Year:				
18	Charges to Account 509	8,370.00			
19	Other:				
20					
21	Cost of Sales/Transfers:				
22	Westar Energy	22,177.00			
23	Empire District Electric	3,690.00			
24	MJMEUC	15.00			
25	KEPCO	5.00			
26	KCP&L Greater Missouri Op	5,536.00			
27					
28	Total	31,423.00			
29	Balance-End of Year	387,503.00		105,727.00	
30					
31	Sales:				
32	Net Sales Proceeds(Assoc. Co.)				
33	Net Sales Proceeds (Other)				
34	Gains				
35	Losses				
	Allowances Withheld (Acct 158.2)				
36	Balance-Beginning of Year	1,992.00		1,992.00	
37	Add: Withheld by EPA				
38	Deduct: Returned by EPA				
39	Cost of Sales	1,992.00			
40	Balance-End of Year			1,992.00	
41					
42	Sales:				
43	Net Sales Proceeds (Assoc. Co.)				
44	Net Sales Proceeds (Other)		83		
45	Gains				
46	Losses				

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017		Year/Period of Report End of 2016/Q4		
Allowances (Accounts 158.1 and 158.2) (Continued)								
6. Report on Lines 5 allowances returned by the EPA. Report on Line 39 the EPA's sales of the withheld allowances. Report on Lines 43-46 the net sales proceeds and gains/losses resulting from the EPA's sale or auction of the withheld allowances. 7. Report on Lines 8-14 the names of vendors/transfersors 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.								
2018		2019		Future Years		Totals		Line
No. (f)	Amt. (g)	No. (h)	Amt. (i)	No. (j)	Amt. (k)	No. (l)	Amt. (m)	No.
69,193.00		69,128.00		1,797,328.00		2,430,654.00		1
								2
								3
36,534.00				69,128.00		143,443.00		4
								5
								6
								7
								8
								9
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105,727.00		69,128.00		1,866,456.00		2,534,541.00		29
								30
								31
								32
								33
								34
								35
								36
								37
								38
								39
1,992.00		1,992.00		53,784.00		59,760.00		40
								41
								42
								43
								44
								45
								46

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 228 Line No.: 1 Column: m

The difference between page 110 Line 52 Column D and page 229a/b Line 1 Column M totaling \$66,518 relates to Renewable Energy Credit (REC) Inventory recorded to account 158 that are treated as allowances; however these RECs are not related to SO2 or NOx allowances and have not been reported on page 228-229.

Schedule Page: 228 Line No.: 29 Column: m

The difference between page 110 Line 52 Column C and page 229 a/b Line 29 Column M totaling \$98,040 relates to Renewable Energy Credit (REC) Inventory recorded to account 158 that are treated as allowances; however these RECs are not related to SO2 or NOx allowances and have not been reported on page 228-229.

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Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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Allowances (Accounts 158.1 and 158.2)

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

Line No.	NOx Allowances Inventory (Account 158.1) (a)	Current Year		2017	
		No. (b)	Amt. (c)	No. (d)	Amt. (e)
1	Balance-Beginning of Year	26,751.00			
2					
3	Acquired During Year:				
4	Issued (Less Withheld Allow)	2,315.00		19,621.00	
5	Returned by EPA				
6					
7					
8	Purchases/Transfers:				
9	MJMEUC	19.00			
10	KEPCO	5.00			
11					
12					
13					
14					
15	Total	24.00			
16					
17	Relinquished During Year:				
18	Charges to Account 509	11,068.00			
19	Other:				
20					
21	Cost of Sales/Transfers:				
22	KEPCO	14.00			
23	KCP&L Greater Missouri Op	728.00			
24	MJMEUC	48.00			
25	Empire	307.00			
26	Westar	2,393.00			
27					
28	Total	3,490.00			
29	Balance-End of Year	14,532.00		19,621.00	
30					
31	Sales:				
32	Net Sales Proceeds(Assoc. Co.)				
33	Net Sales Proceeds (Other)				
34	Gains				
35	Losses				
	Allowances Withheld (Acct 158.2)				
36	Balance-Beginning of Year				
37	Add: Withheld by EPA				
38	Deduct: Returned by EPA				
39	Cost of Sales				
40	Balance-End of Year				
41					
42	Sales:				
43	Net Sales Proceeds (Assoc. Co.)				
44	Net Sales Proceeds (Other)				
45	Gains				
46	Losses				

Allowances (Accounts 158.1 and 158.2) (Continued)

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

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

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

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

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

2018		2019		Future Years		Totals		Line
No. (f)	Amt. (g)	No. (h)	Amt. (i)	No. (j)	Amt. (k)	No. (l)	Amt. (m)	No.
						26,751.00		1
								2
								3
19,621.00						41,557.00		4
								5
								6
								7
								8
						19.00		9
						5.00		10
								11
								12
								13
								14
						24.00		15
								16
								17
						11,068.00		18
								19
								20
								21
						14.00		22
						728.00		23
						48.00		24
						307.00		25
						2,393.00		26
								27
						3,490.00		28
19,621.00						53,774.00		29
								30
								31
								32
								33
								34
								35
								36
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								45
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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) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 229 Line No.: 4 Column: b

Seasonal Allowances	601
Annual Allowances	1,714
Total Allowances	2,315

Schedule Page: 229 Line No.: 4 Column: d

Seasonal Allowances	3,038
Annual Allowances	16,583
Total Allowances	19,621

Schedule Page: 229 Line No.: 4 Column: f

Seasonal Allowances	3,038
Annual Allowances	16,583
Total Allowances	19,621

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

Seasonal Allowances	19
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Schedule Page: 229 Line No.: 10 Column: b

Seasonal Allowances	5
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Schedule Page: 229 Line No.: 18 Column: b

Seasonal Allowances	2,474
Annual Allowances	8,594
Total Allowances	11,068

Schedule Page: 229 Line No.: 22 Column: b

Seasonal Allowances	5
Annual Allowances	9
Total Allowances	14

Schedule Page: 229 Line No.: 23 Column: b

Seasonal Allowances	384
Annual Allowances	344
Total Allowances	728

Schedule Page: 229 Line No.: 24 Column: b

Seasonal Allowances	19
Annual Allowances	29
Total Allowances	48

Schedule Page: 229 Line No.: 25 Column: b

Seasonal Allowances	72
Annual Allowances	235
Total Allowances	307

Schedule Page: 229 Line No.: 26 Column: b

Annual Allowances	2,393
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Schedule Page: 229 Line No.: 29 Column: l

Ending balance made up of:	
Seasonal Allowances	8,637
Annual Allowances	45,137
Total Allowances	53,774

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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	Transmission Studies				
2	GEN-2015-016	700	186100		
3	GEN-2015-016	334	186100	700	143100
4	GEN-2015-016			334	143100
5					
6	TSR 81620079 SPP refund	(1,847)	561600		
7	TSR 81917580 SPP refund	(3,696)	561600		
8	TSR 81921840 SPP refund	(1,847)	561600		
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21	Generation Studies				
22					
23					
24					
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39					
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Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017		Year/Period of Report End of 2016/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-2004-0294 and						
2	Kansas Docket No. 04-WSEE-605-ACT:						
3	Non-nuclear asset retirement obligations recorded						
4	in accordance with ASC 410.	57,850,100	11,746,003			69,596,103	
5							
6	Deferred Regulatory Asset-Recoverable Taxes:						
7	Gross up of tax related items to be recovered						
8	from future rate payers	220,414,570			2,690,908	217,723,662	
9							
10	Pension and OPEB costs deferred in accordance						
11	with Missouri Case No. ER-2014-0370 and Kansas						
12	Docket No. 15-KCPE-116-RTS.	358,494,702	68,216,064	926,107	58,781,821	367,928,945	
13							
14	Missouri Case No. EO-2005-0329, ER-2007-0291,						
15	ER-2009-0089, ER-2010-0355, ER-2012-0174, and						
16	ER-2014-0370:						
17	Represents the deferred costs for the energy						
18	efficiency and affordability programs as provided						
19	in the Missouri Public Service Commission orders.						
20	Vintage 1-4 costs will be amortized over 10 years						
21	and Vintage 5-6 costs will be amortized over 6						
22	years. Expenses continue to be deferred with						
23	recovery to be determined in a subsequent rate						
24	proceeding.	43,249,359	134,301	908	9,341,156	34,042,504	
25							
26	Kansas Docket No. 04-KCPE-1025-GIE:						
27	Represents the deferred costs for the energy						
28	efficiency and affordability programs as provided						
29	in the Kansas Corporation Commission order.						
30	These costs will be recovered through an Energy						
31	Efficiency Rider to be filed by March 31 of each						
32	year to recover costs incurred during the previous						
33	calendar year. Costs are to be amortized over 1						
34	year starting each July.	195,366	270,536	908		465,902	
35							
36	Kansas Docket No. 15-KCPE-116-RTS:						
37	Deferred costs associated with the 2007 rate case						
38	preparation and presentation to the Kansas						
39	Corporation Commission with remaining balance to be						
40	reamortized over 1.5 years beginning October 2015.	3,362		928	2,689	673	
41							
42	Kansas Docket No. 15-KCPE-116-RTS:						
43	Deferred costs associated with the 2008 rate case						
44	TOTAL	803,634,926	146,295,136		92,866,583	857,063,479	

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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	preparation and presentation to the Kansas					
2	Corporation Commission with remaining balance					
3	to be reamortized over 1.5 years beginning October					
4	2015.	22,957		928	18,366	4,591
5						
6	Kansas Docket No. 15-KCPE-116-RTS:					
7	Deferred costs associated with the 2010 rate case					
8	preparation and presentation to the Kansas					
9	Corporation to be reamortized over 1.5 years					
10	in Kansas beginning October 2015.	95,307		928	76,246	19,061
11						
12	Kansas Docket No. 15-KCPE-116-RTS:					
13	Deferred costs associated with the Talent					
14	Assessment to be re-amortized over 1.5 years					
15	beginning October 2015.	22,580		923	18,064	4,516
16						
17	Missouri Case No. EO-2015-0240:					
18	Missouri Customer Programs Cycle 2					
19	Deferred Costs related to MEEIA Cycle 2	93,380		928	93,380	
20						
21	Kansas Docket No. 15-KCPE-116-RTS:					
22	Deferred Cost associated with LaCygne					
23	Depreciation to be amortized over 25 years					
24	beginning October 2015.	2,927,570		405	118,286	2,809,284
25						
26	Kansas Docket No. 07-KCPE-905-RTS:					
27	Kansas jurisdictional Talent Assessment					
28	costs to be amortized over 10 years					
29	beginning January 1, 2008.	805,218		920	402,608	402,610
30						
31	Kansas Docket No. 07-KCPE-905-RTS:					
32	Kansas jurisdictional Employment Augmentation					
33	Programs to be amortized over 10 years					
34	beginning January 1, 2008.	52,837		923	26,418	26,419
35						
36	Kansas Docket No. 07-KCPE-905-RTS:					
37	Energy Cost Adjustment	9,483,650	6,483,012			15,966,662
38						
39	Missouri Case No. ER-2014-0370: Deferred					
40	Expense related to LaCygne obsolete inventory					
41	to be amortized over 5 years beginning October 2015	907,382		506	95,115	812,267
42						
43	Kansas Docket No. 15-KCPE-116-RTS:					
44	TOTAL	803,634,926	146,295,136		92,866,583	857,063,479

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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	Kansas jurisdictional transition costs for Great					
2	Plains Energy's acquisition of Aquila, to be					
3	reamortized over 1.5 years beginning October 2015.	277,777		920,923	222,222	55,555
4						
5	Kansas Docket No. 10-KCPE-415-RTS and					
6	12-KCPE-764-RTS:					
7	Kansas jurisdictional difference between allowed					
8	rate base and financial costs booked for latan 1					
9	and latan Common. Vintage 1 will be amortized					
10	over 47 years beginning December 2010 and Vintage					
11	2 will be amortized over 44.9 years beginning					
12	January 2013.	3,135,851		405	74,817	3,061,034
13						
14	Missouri Case No. ER-2010-0355 and ER-2012-0174:					
15	Missouri jurisdictional difference between allowed					
16	rate base and financial costs booked for latan 1					
17	and latan Common. Vintage 1 to be amortized over					
18	26 years beginning May 2011 and Vintage 2 to be					
19	amortized over 24.25 years beginning February 2013.	11,006,912		405	515,949	10,490,963
20						
21	Missouri Case No. ER-2012-0174:					
22	Deferred refueling costs at Wolf Creek Nuclear					
23	Operating Corporation to be amortized over 5 years					
24	beginning February 1, 2013.	1,681,802		524, 530	807,265	874,537
25						
26	Missouri Case No. ER-2014-0370: Deferred costs					
27	related to the 2014 Wolf Creek Mid-Cycle Outage					
28	to be amortized over 5 years beginning October					
29	2015.	2,341,106		524, 530	492,864	1,848,242
30						
31	Missouri Case No. ER-2009-0089:					
32	Missouri jurisdictional deferred 2007 DSM					
33	advertising costs to be amortized over 10 years					
34	beginning September 1, 2009.	102,491		909	27,952	74,539
35						
36	Missouri Case No. ER-2010-0355 and ER-2012-0174:					
37	Deferred costs associated with the latan 2 project,					
38	with Vintage 1 to be amortized over 47.7 years					
39	beginning May 2011 and Vintage 2 over 45.95 years					
40	beginning February 2013.	26,256,851		405	610,151	25,646,700
41						
42						
43	Missouri Case No. ER-2010-0355:					
44	TOTAL	803,634,926	146,295,136		92,866,583	857,063,479

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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 jurisdictional deferred 2010 DSM					
2	advertising costs to be amortized over 10 years					
3	beginning May 2011.	122,849		909	23,034	99,815
4						
5						
6	Kansas Docket No. 12-KCPE-452-TAR:					
7	Kansas Property Tax Rider	6,848,217	2,909,393		6,183,232	3,574,378
8						
9	Missouri Case No. ER-2012-0174 and ER-2014-0370:					
10	Deferred costs related to latan 2 and Common O&M					
11	Tracker with Vintage 1 to be amortized over 3					
12	years beginning February 2013 and Vintage 2-5					
13	to be amortized over 3 years beginning October					
14	2015.	2,467,755		Various	1,248,369	1,219,386
15						
16	Missouri Case No. EU-2012-0131, ER-2012-0174					
17	and ER-2014-0370:					
18	Deferral of Solar Rebates and REC's with Vintage 1					
19	to be amortized over 3 years beginning February					
20	2013 and Vintage 2 to be amortized over 5 years					
21	beginning October 2015. Expenses continue to be					
22	deferred with recovery to be determined in a					
23	subsequent rate proceeding.	33,559,404	3,082,924	910	7,425,963	29,216,365
24						
25	Missouri Case No. ER-2012-0174 and Kansas					
26	Docket No. 12-KCPE-764-RTS:					
27	Deferral of Missouri and Kansas jurisdictional					
28	2011 flood expenses, with Missouri to be amortized					
29	over 5 years beginning February 2013 and Kansas					
30	to be amortized over 10 years beginning January					
31	2013.	1,267,163		506	374,951	892,212
32						
33	Kansas Docket No. 12-KCPE-764-RTS:					
34	Deferral of ORVS costs associated with the					
35	voluntary separation program, to be amortized over					
36	5 years beginning January 2013.	1,687,989		Various	843,995	843,994
37						
38	Kansas Docket No. 15-KCPE-116-RTS:					
39	Deferred costs associated with the 2012 rate case					
40	preparation and presentation to the Kansas					
41	Corporation Commission, to be re-amortized over 1.5					
42	years beginning October 2015.	89,508		928	71,606	17,902
43						
44	TOTAL	803,634,926	146,295,136		92,866,583	857,063,479

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017		Year/Period of Report End of 2016/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. EO-2014-0029 and ER-2014-0370:						
2	Deferral of KCPL-MO Non-MEEIA Opt-Outs to be						
3	amortized over 6 yrs beginning October 2015.						
4	Expenses continue to be deferred with the recovery						
5	to be determined in a subsequent rate proceeding.	1,522,694	1,857,877	908	186,244	3,194,327	
6							
7	Mark to Market Transmission & Gas Hedge	496,998			496,998		
8							
9	Kansas Docket No. 15-KCPE-116-RTS: Deferred						
10	costs associated with the 2015 rate case						
11	preparation and presentation to the Kansas						
12	Corporation Commission to be amortized over 3 years						
13	beginning October 2015.	1,064,323	7,718	928	383,651	688,390	
14							
15	Missouri Case No. EO-2014-0095:						
16	To track the over/under recovery of KCPL-MO MEEIA						
17	customer program expenses.	5,613,824			1,212,263	4,401,561	
18							
19	Missouri Case No. EO-2014-0095:						
20	To track the over/under recovery of KCPL-MO MEEIA						
21	Throughput Disincentive-Net Shared Benefit Share	942,769	633,367			1,576,136	
22							
23	Kansas Docket 15-KCPE-116-RTS:						
24	Credits for Customers switching rates. Recovery to						
25	be determined in a subsequent rate proceeding.		221,380			221,380	
26							
27	Missouri Docket ER-2014-0370:						
28	Fuel Adjustment Clause	6,803,671	47,172,349			53,976,020	
29							
30	Kansas Docket 15-KCPE-116-RTS:						
31	Transmission Delivery Charge Rider	1,726,632	1,346,383			3,073,015	
32							
33	Missouri Case EO-2015-0240:						
34	To track over/under recovery of MEEIA						
35	Customer programs Cycle 2.		1,997,267			1,997,267	
36							
37	Missouri Docket ER-2014-0370:						
38	Prospective Tracking of the One KC Place Lease						
39	Abatement with recovery to be determined in a						
40	subsequent rate proceeding.		216,562			216,562	
41							
42							
43							
44	TOTAL	803,634,926	146,295,136		92,866,583	857,063,479	

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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MISCELLANEOUS DEFERRED DEBITS (Account 186)

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

Line No.	Description of Miscellaneous Deferred Debits (a)	Balance at Beginning of Year (b)	Debits (c)	CREDITS		Balance at End of Year (f)
				Account Charged (d)	Amount (e)	
1	Billing Work Orders	-656,233	7,759,585	various	7,339,119	-235,767
2	Pension ASC 715 - Partner Share	2,049,443	3,474,605	various	2,147,310	3,376,738
3	OPEB ASC 715	3,299,586	11,653,069	various	2,483,610	12,469,045
4	OPEB ASC 715 - Partner Share	-372,419	90,925	various	56,590	-338,084
5						
6	GMO portion of latan Retention	507,514	3,867,239	various	2,324,619	2,050,134
7						
8	Misc. Work Orders, Other	272,910	534,627	various	950,373	-142,836
9						
10	Miscellaneous, Other	350,576	351,794,727	various	351,880,888	264,415
11						
12	Pension Asset	4,545,868		various	4,545,868	
13						
14	MEEIA Perfomance Incentive					
15	Award		4,049,346	various		4,049,346
16						
17						
18						
19						
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23						
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43						
44						
45						
46						
47	Misc. Work in Progress	134,165				192,089
48	Deferred Regulatory Comm. Expenses (See pages 350 - 351)					
49	TOTAL	10,131,410				21,685,080

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	659,878,409	655,475,949
3	Accumulated Deferred Income Taxes - State	76,131,834	73,053,415
4			
5			
6			
7	Other		
8	TOTAL Electric (Enter Total of lines 2 thru 7)	736,010,243	728,529,364
9	Gas		
10	Accumulated Deferred Income Taxes - Federal		
11	Accumulated Deferred income Taxes - State		
12			
13			
14			
15	Other		
16	TOTAL Gas (Enter Total of lines 10 thru 15)		
17	Other (Specify)		
18	TOTAL (Acct 190) (Total of lines 8, 16 and 17)	736,010,243	728,529,364

Notes

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year/Period of Report
Kansas City Power & Light Company		04/18/2017	2016/Q4
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.

Accumulated Deferred Income Tax Utility Oper Other		2016 YE Balance
190200	Emission credit sales	24,140,132
	Bond refunding amortization	0
	Retail Regulatory Assets/Liabilities	3,655,048
	KS & MO Additional Credit Amort	0
	Prior Years Depr Adj (Combustion Turbine)	0
	Bonus Pay Accrual	7,646,531
	FAS 106 Postretirement Benefits	10,357,780
	Customer Advances (Retail)	1,401,223
	Tax gross up on CIACs	2,624,336
	Partnership entries	1,360
	Tax Interest (FIN 48 & other contingencies)	0
	Wolf Creek Decomm Co	346,812
	AFDC Debt not in service	0
	Tax Interest Capitalized in CWIP	1,446,036
	Deferred Compensation - Non-current	7,506,020
	MTM - Interest Rate Lock	0
	FIN 48 Adjustments	1
	Stock Compensation Accrual	6,071,905
	Interest Rate Lock - through P&L	5,743,462
	Vacation Accrual	8,755,637
	Life insurance paid - severed Aquila employees	0
	Bad Debt	0
	Injuries and Damages	5,906,863
	Deferred Compensation - (Current)	233,759
	Interest Rate Lock - OCI Interest	2,749,002
	<i>Reclass from 282 for Debit balances</i>	0
	Cost of Removal (normalized)	7,994,114
	AFUDC other than nuclear fuel	622,514
	Capitalized computer hardware	1,344,246
	Capitalized tax interest	69,932,534
	CIAC	31,337,814
	FAS106/Pensions	8,659,566
	KEPCO interest refund	160,325
	Repair retirements reversed	0
	Vehicle tax depreciation capitalized	10,701,462
	Impairment latan 1 & 2	3,975,198
	Smart Grid Grant	3,577,014
	Contract Settlements	1,365,866
	CT's Synthetic Lease	3,260,306
	Other	106,359
	Transmission CIAC	0
	Deferred Liability -Lease 1 KC Place	7,859,337
	Miscellaneous Accruals	0
	SO2 Allowance Write-down	0
	State NOL - Current	0
	Employee pensions	28,252,039
	Deferred Revenue-Solar Lease Rebates	437,625
	Voluntary Employee Exit Program	420,714
	Deferred Taxes - OCI (Gas Hedge)	0
190500	GBC Tax Credit Carry forward (Generation)	177,356,898
190601	FASB 109 Adjustment	84,260,078
190602	FASB 109 MO R&D Credit Deferred	0
190603	FASB 109 Medicare Subsidies	0
190300	Federal NOL	3,955,383
190301	State NOL	275,552
190300	Federal NOL - Accelerated Depreciation	175,734,900
190301	State NOL - Accelerated Depreciation	18,354,324
190350	Ded Inc Tax Valuation Allowance	(711)
	Total	728,529,364

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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CAPITAL STOCKS (Account 201 and 204)

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

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

Line No.	Class and Series of Stock and Name of Stock Series (a)	Number of shares Authorized by Charter (b)	Par or Stated Value per share (c)	Call Price at End of Year (d)
1	A/C 201 - Common Stock - No Par	1,000		
2				
3				
4	TOTAL COMMON	1,000		
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Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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CAPITAL STOCKS (Account 201 and 204) (Continued)

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

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

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

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

OUTSTANDING PER BALANCE SHEET (Total amount outstanding without reduction for amounts held by respondent)		HELD BY RESPONDENT				Line No.
		AS REACQUIRED STOCK (Account 217)		IN SINKING AND OTHER FUNDS		
Shares (e)	Amount (f)	Shares (g)	Cost (h)	Shares (i)	Amount (j)	
1	487,041,247					1
						2
						3
1	487,041,247					4
						5
						6
						7
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Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
OTHER PAID-IN CAPITAL (Accounts 208-211, inc.)					
Report below the balance at the end of the year and the information specified below for the respective other paid-in capital accounts. Provide a subheading for each account and show a total for the account, as well as total of all accounts for reconciliation with balance sheet, Page 112. Add more columns for any account if deemed necessary. Explain changes made in any account during the year and give the accounting entries effecting such change.					
(a) Donations Received from Stockholders (Account 208)-State amount and give brief explanation of the origin and purpose of each donation.					
(b) Reduction in Par or Stated value of Capital Stock (Account 209): State amount and give brief explanation of the capital change which gave rise to amounts reported under this caption including identification with the class and series of stock to which related.					
(c) Gain on Resale or Cancellation of Reacquired Capital Stock (Account 210): Report balance at beginning of year, credits, debits, and balance at end of year with a designation of the nature of each credit and debit identified by the class and series of stock to which related.					
(d) Miscellaneous Paid-in Capital (Account 211)-Classify amounts included in this account according to captions which, together with brief explanations, disclose the general nature of the transactions which gave rise to the reported amounts.					
Line No.	Item (a)				Amount (b)
1	A/C 208 - Donations received from Stockholders				
2					
3	A/C 209 - Reduction in Par of Stated Value of Capital Stock				
4					
5	A/C 210 - Gain on Resale or Cancellation of Reacquired Capital Stock				
6					
7	A/C 211 - Miscellaneous Paid-In Capital, December 31, 2015				1,076,114,704
8	Equity Investment in KCP&L by Great Plains Energy, Inc.				
9	Subtotal Balance - December 31, 2016				1,076,114,704
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11					
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39					
40	TOTAL				1,076,114,704

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Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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LONG-TERM DEBT (Account 221, 222, 223 and 224)

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

Line No.	Class and Series of Obligation, Coupon Rate (For new issue, give commission Authorization numbers and dates) (a)	Principal Amount Of Debt issued (b)	Total expense, Premium or Discount (c)
1	Pledged in Support of Pollution Control Bonds:		
2	1992 Series Due 2017	31,000,000	1,421,702
3	1993 Series A Due 2023	40,000,000	957,310
4	1993 Series B Due 2023	39,480,000	943,421
5	2005 Series Due 2035	21,940,000	560,697
6	Mortgage Bonds 7.15%	400,000,000	4,032,839
7	Mortgage Bonds 7.15% Discount		432,000 D
8	Unsecured Notes:		
9	Senior Notes 6.05%	250,000,000	2,259,054
10	Senior Notes 6.05% Discount		1,505,000 D
11	Senior Notes 5.85%	250,000,000	1,843,406
12	Senior Notes 5.85% Discount		420,000 D
13	Senior Notes 6.375%	350,000,000	2,566,730
14	Senior Notes 5.30%	400,000,000	3,999,362
15	Senior Notes 5.30% Discount		2,568,000 D
16	Senior Notes 3.15%	300,000,000	2,339,941
17	Senior Notes 3.15% Discount		282,000 D
18	Senior Notes 3.65%, MPSC File No. EF-2014-0346, eff August 9, 2014	350,000,000	2,925,379
19	Senior Notes 3.65% Discount		1,246,000 D
20	Environmental Improvement Revenue Refunding Bonds:		
21	Variable Rate Series A Due 2035	73,250,000	961,789
22	Variable Rate Series B Due 2035	73,250,000	961,789
23	4.65% Fixed Rate Series C Due 2035	50,000,000	1,337,086
24	Missouri Tax-Exempt Series 2008 Due 2038	23,400,000	408,088
25	SUBTOTAL AC 221	2,652,320,000	33,971,593
26			
27	4.65% Fixed Rate Series C Due 2035	-50,000,000	
28	2005 Series Due 2035	-21,940,000	
29	SUBTOTAL AC 222	-71,940,000	
30			
31	SUBTOTAL AC 224		
32			
33	TOTAL	2,580,380,000	33,971,593

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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LONG-TERM DEBT (Account 221, 222, 223 and 224) (Continued)

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

Nominal Date of Issue (d)	Date of Maturity (e)	AMORTIZATION PERIOD		Outstanding (Total amount outstanding without reduction for amounts held by respondent) (h)	Interest for Year Amount (i)	Line No.
		Date From (f)	Date To (g)			
						1
09-15-92	07-01-17	09-15-92	07-01-17	31,000,000	387,500	2
12-07-93	12-01-23	12-07-93	12-01-23	40,000,000	1,180,000	3
12-07-93	12-01-23	12-07-93	12-01-23	39,480,000	1,164,660	4
09-01-05	09-01-35	09-01-05	09-01-35	21,940,000	1,020,210	5
04-01-09	04-01-19	04-01-09	04-01-19	400,000,000	33,920,459	6
						7
						8
11-17-05	11-15-35	11-17-05	11-15-35	250,000,000	14,727,425	9
						10
06-04-07	06-15-17	06-04-07	06-15-17	250,000,000	14,301,587	11
						12
03-01-08	03-01-18	03-01-08	03-01-18	350,000,000	26,479,975	13
09-20-11	10-01-41	09-20-11	10-01-41	400,000,000	21,200,000	14
						15
03-11-13	03-15-23	03-11-13	03-15-23	300,000,000	9,450,000	16
						17
08-18-15	08-15-25	08-18-15	08-15-25	350,000,000	12,668,542	18
						19
						20
09-19-07	09-01-35	09-19-07	09-01-35	73,250,000	839,502	21
09-19-07	09-01-35	09-19-07	09-01-35	73,250,000	839,502	22
09-01-05	09-01-35	09-01-05	09-01-35	50,000,000	2,325,000	23
05-01-08	05-01-38	05-01-08	05-01-38	23,400,000	672,750	24
				2,652,320,000	141,177,112	25
						26
09-01-05	09-01-35	09-01-05	09-01-35	-50,000,000	-2,325,000	27
09-01-05	09-01-35	09-01-05	09-01-35	-21,940,000	-1,020,210	28
				-71,940,000	-3,345,210	29
						30
						31
						32
				2,580,380,000	137,831,902	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) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 256 Line No.: 31 Column: i

Great Plains Energy
FERC Form 1 Footnote
December 31, 2016

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

Long-Term Debt Interest

Date	Interest on Long Term Debt	Mark to Market Fair Value Adjustment on Interest Rate Hedges	Net 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
1/31/2016	16,609,298	0	16,609,298	254,848	61,689	(53,097)	0
2/29/2016	16,496,240	0	16,496,240	254,996	61,689	(53,097)	0
3/31/2016	16,607,729	0	16,607,729	255,458	61,689	(53,097)	0
4/30/2016	16,680,679	0	16,680,679	255,458	61,689	(53,097)	0
5/31/2016	16,657,910	0	16,657,910	255,458	61,689	(53,097)	0
6/30/2016	16,657,483	76,986,535	93,644,018	3,275,461	61,689	(53,097)	0
7/31/2016	16,663,034	3,520,456	20,183,490	3,275,461	61,689	(53,097)	0
8/31/2016	16,672,761	(16,257,504)	415,257	4,966,786	61,689	(53,097)	0
9/30/2016	16,701,353	14,583,284	31,284,637	4,966,786	61,689	(53,097)	0
10/31/2016	16,701,660	(38,802,900)	(22,101,240)	4,966,786	61,689	(53,097)	0
11/30/2016	16,675,655	(97,611,398)	(80,935,743)	4,966,786	61,689	(53,097)	0
12/31/2016	16,696,046	(21,692,903)	(4,996,857)	4,966,786	61,689	(53,097)	0
Total	199,819,848	(79,274,430)	120,545,418	32,661,070	740,268	(637,164)	0

Preferred Dividends

Date	Balance
1/31/2016	137,167
2/29/2016	137,166
3/31/2016	137,167
4/30/2016	137,167
5/31/2016	137,166
6/30/2016	137,167
7/31/2016	137,167
8/31/2016	789,788
9/30/2016	0
10/31/2016	4,695,833
11/30/2016	5,031,250
12/31/2016	5,031,250
Total	16,508,288

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
12/31/2015	3,764,355,000	1,125,000	39,000,000	3,671,080,168	(2,591,363)	(12,014,714)	0
1/31/2016	3,764,355,000	1,125,000	39,000,000	3,684,587,956	(2,591,363)	(11,505,391)	0
2/29/2016	3,763,230,000	1,125,000	39,000,000	3,657,206,206	(2,640,167)	(11,001,205)	0
3/31/2016	3,763,230,000	1,125,000	39,000,000	3,665,191,967	(3,829,897)	(10,494,451)	0
4/30/2016	3,763,230,000	1,125,000	39,000,000	3,662,909,845	(3,845,938)	(9,987,696)	0
5/31/2016	3,763,230,000	1,125,000	39,000,000	3,624,936,864	(3,845,938)	(9,480,942)	0
6/30/2016	3,513,230,000	251,125,000	39,000,000	3,659,114,678	(3,762,087)	(8,974,188)	0
7/31/2016	3,482,230,000	282,125,000	39,000,000	3,722,220,264	(3,762,087)	(8,467,434)	0
8/31/2016	3,482,230,000	282,125,000	0	3,757,247,330	(3,762,087)	(7,960,679)	0

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr)	Year/Period of Report
Kansas City Power & Light Company		04/18/2017	2016/Q4
FOOTNOTE DATA			

9/30/2016	3,382,230,000	382,125,000	0	3,754,280,356	(3,760,731)	(7,453,925)	0
10/31/2016	3,382,230,000	382,125,000	836,538,146	5,331,925,976	(3,791,321)	(6,947,171)	0
11/30/2016	3,382,230,000	382,125,000	836,489,183	5,314,347,210	(3,800,550)	(6,440,416)	0
12/31/2016	3,382,230,000	382,125,000	836,172,769	5,336,178,504	(3,757,479)	(6,616,142)	0
13 Month Ave	3,583,710,769	180,817,308	217,015,392	4,064,709,794	(3,518,539)	(9,026,489)	0

Reconciliation of Page 257, Line 33, column (i) to Interest on Long Term Debt (427) and Interest on Debt to Assoc Companies (430) on Page 117, Line(s) 62 and 67, Column c:

Interest on Long Term Debt (427)	\$ 137,831,902
Interest on Debt to Assoc Companies (430)	-
Total Interest Expense Pg 117, Line(s) 62 & 67	137,831,902
Total Interest Pg 257, Line 33, column (i)	137,831,902
Difference	-

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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RECONCILIATION OF REPORTED NET INCOME WITH TAXABLE INCOME FOR FEDERAL INCOME TAXES

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

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

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

Line No.	Particulars (Details) (a)	Amount (b)
1	Net Income for the Year (Page 117)	224,970,436
2		
3		
4	Taxable Income Not Reported on Books	
5	Contributions in Aid of Construction	6,758,304
6	Emission Allowances Sold	-4,031,494
7	Deferred Liability - Lease 1 KC Place	-620,011
8		
9	Deductions Recorded on Books Not Deducted for Return	
10	Income Tax Provision	118,099,565
11	Employee Pensions	38,184,061
12	Equity in Subsidiaries	-6,126,783
13	Other	26,913,730
14	Income Recorded on Books Not Included in Return	
15	AFDC	-12,248,730
16	Company Owned Life Insurance	-1,981,997
17	Iatan II - Deferred Revenue & Fuel Costs	610,152
18	Performance Incentive on EEIA	-10,412,605
19	Deductions on Return Not Charged Against Book Income	
20	State Income Tax	-4,380,406
21	Excess of Straight-Line over Liberalized Depreciation	-213,049,430
22	Repair Expenditures	-43,457,417
23	Refueling Outage Costs	-1,804,592
24	Other	-48,796,418
25		
26		
27	Federal Tax Net Income	68,626,365
28	Show Computation of Tax:	
29		
30	Federal Tax	24,019,228
31		
32	Prior Tax Return Adjustments	1,283,518
33	Deferral of Prior Year Tax Credits	-187,868
34	Net Operating Loss	-3,550,664
35		
36		
37	Federal Income Tax (acct # 419.1 & 409.2)	21,564,214
38		
39	NOTE: Positive numbers are additions to income	
40	and negative numbers are deductions from income	
41		
42		
43		
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) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

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

Limited Vacation Accrual	\$730,691
FASB 106 (ASC 715)	(440,343)
Injury Damage Reserve	9,771,268
Stock Compensation	(3,352,861)
Loss on Reacquired Debt-Amortization	1,342,760
Deferred Compensation	553,307
Clearing Accounts	387,865
Excess MO Gross Margin	(736,378)
162(m) Limitation	790,398
MO Low Income Weatherization Program	10,575
Legal Fees Reimbursement	(28,916)
1KC Place Rent Refunded to Ratepayers	(108,281)
KS LaCygne Abbrev Rate Case True-up	2,555,632
Computers Expensed for Book	81,468
Bonus Pay Accrual	9,586,645
Active Health & Welfare Benefits	2,345,924
Flood Reimbursement Amortization	(336,220)
Voluntary Employee Exit Program	1,081,528
Other	2,678,668
Total	<u>\$26,913,730</u>

Schedule Page: 261 Line No.: 24 Column: b

Dividend Paid on ESOP	(\$2,340,000)
Deferred Transition Costs	222,222
KS Regulatory Energy Cost Adjustment	(6,483,012)
Kansas Property Tax Rider	3,273,839
Iatan 2 and Common Tracker	1,248,369
KS Org Realignment & Voluntary Separation Program	843,995
Solar Rebates and REC MO Jurisdiction	4,343,039
Book Capitalized Stock Compensation	(3,881,770)
MO Energy Efficiency Investmet Act	(1,418,372)
MO Fuel Clause Adjustment	(47,172,349)
KS Transm Delivery Charge Rider	(1,346,383)
KS LaCygne Depreciation Deferral	118,286
Talent Assessment	447,091
Deferred STB Expense	(101,759)
Jurisdiction Difference Iatan 1 and Common	590,766
KS Lost Revenue Rate Switch	(221,383)
Advertising Costs	50,986
Rate Case Expenses	544,841
Customer Demand Programs	9,029,699
Other	(6,544,523)
Total	<u>(\$48,796,418)</u>

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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TAXES ACCRUED, PREPAID AND CHARGED DURING YEAR

1. Give particulars (details) of the combined prepaid and accrued tax accounts and show the total taxes charged to operations and other accounts during the year. Do not include gasoline and other sales taxes which have been charged to the accounts to which the taxed material was charged. If the actual, or estimated amounts of such taxes are 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	PAYROLL					
2	Federal Unempl. Ins.	72,949		128,852	128,571	
3	FICA	1,607,826		23,251,157	22,420,025	
4	Payroll Taxes - WCNO	585,733		3,883,326	4,107,614	
5	Unemployment - Missouri					
6	Unemployment - Kansas	4,264		12,606	12,821	
7	Unemployment - Washington	43		145	140	
8	Unemployment - Iowa					
9						
10	K.C. Earnings - Mo.			240,945	150,893	
11						
12	Gross Receipts - Mo.	1,224,563	909,357	68,088,240	68,040,995	
13	Sales Tax - KS					
14						
15	FRANCHISE					
16	Missouri					
17	Kansas					
18						
19	BUSINESS LICENSE					
20	Occupational - Mo.			1,033	1,033	
21	Occupational - Ks.					
22						
23	PROPERTY					
24	Missouri - 2016			48,250,952	48,250,952	
25	Kansas - 2016			46,469,568	23,669,946	
26	Kansas - 2015	22,130,156			22,130,156	
27	Special Assessments - MO					
28	Special Assessments - KS					
29	Kansas Surcharge					
30	Rail Car - Arkansas			12	12	
31	Rail Car - Nebraska					
32	Rail Car - West Virginia			4	4	
33	Rail Car - Michigan			4	4	
34	Rail Car - Indiana			63	63	
35	Rai Car - Montana			32	32	
36	Rail Car - Wyoming			12,867	12,867	
37	Rail Car - Kansas	13,182		10,709	18,537	
38	Rail Car - Missouri			23,771	23,771	
39						
40	SUBTOTAL	25,638,716	909,357	190,374,286	188,968,436	
41	TOTAL	25,638,716	909,357	216,206,844	188,968,436	-25,832,558

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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
73,230		128,852				2
2,438,958		9,149,646			14,101,511	3
361,445		3,373,793			509,533	4
						5
4,049		12,606				6
48		145				7
						8
						9
90,052		240,945				10
						11
1,264,158	901,708	68,088,240				12
						13
						14
						15
						16
						17
						18
						19
		1,033				20
						21
						22
						23
		47,498,903			752,049	24
22,799,622		45,749,683			719,885	25
						26
						27
						28
		3,273,839			-3,273,839	29
					12	30
						31
					4	32
					4	33
					63	34
					32	35
					12,867	36
5,354					10,709	37
					23,771	38
						39
27,036,916	901,708	177,517,685			12,856,601	40
27,036,916	901,708	217,527,340			-1,320,496	41

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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TAXES ACCRUED, PREPAID AND CHARGED DURING YEAR

1. Give particulars (details) of the combined prepaid and accrued tax accounts and show the total taxes charged to operations and other accounts during the year. Do not include gasoline and other sales taxes which have been charged to the accounts to which the taxed material was charged. If the actual, or estimated amounts of such taxes are 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	FEDERAL			21,564,214		-21,564,214
2						
3	STATE					
4						
5	Missouri			2,728,893		-2,728,893
6	Kansas			1,539,451		-1,539,451
7						
8	OTHER					
9	Iowa					
10	Pennsylvania					
11	District of Columbia					
12	California					
13	Texas					
14						
15						
16						
17						
18						
19						
20						
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24						
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27						
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29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41	TOTAL	25,638,716	909,357	216,206,844	188,968,436	-25,832,558

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4	
TAXES ACCRUED, PREPAID AND CHARGED DURING YEAR (Continued)						
<p>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).</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>9. For any tax apportioned to more than one utility department or account, state in a footnote the basis (necessity) of apportioning such tax.</p>						
BALANCE AT END OF YEAR		DISTRIBUTION OF TAXES CHARGED				Line
(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)	No.
		33,551,913			-11,987,699	1
						2
						3
						4
		4,128,647			-1,399,754	5
		2,329,095			-789,644	6
						7
						8
						9
						10
						11
						12
						13
						14
						15
						16
						17
						18
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						29
						30
						31
						32
						33
						34
						35
						36
						37
						38
						39
						40
27,036,916	901,708	217,527,340			-1,320,496	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) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 262.1 Line No.: 1 Column: f

Payments to/from holding company pursuant to tax sharing agreement	\$ 37,047,251
Reclass to/from income tax receivables	(58,048,475)
FIN 48 adjustments (ASC 740)	-
Miscellaneous adjustments	(562,990)
Total	\$ (21,564,214)

Schedule Page: 262.1 Line No.: 5 Column: f

Payments to/from holding company pursuant to tax sharing agreement	\$ 2,116,882
Reclass to/from income tax receivables	(4,780,133)
FIN 48 adjustments (ASC 740)	-
Miscellaneous adjustments	(65,642)
Total	\$ (2,728,893)

Schedule Page: 262.1 Line No.: 6 Column: f

Payments to/from holding company pursuant to tax sharing agreement	\$ 1,194,197
Reclass to/from income tax receivables	(2,696,617)
FIN 48 adjustments (ASC 740)	-
Miscellaneous adjustments	(37,031)
Total	\$ (1,539,451)

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Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017		Year/Period of Report End of 2016/Q4	
ACCUMULATED DEFERRED INVESTMENT TAX CREDITS (Account 255)							
Report below information applicable to Account 255. Where appropriate, segregate the balances and transactions by utility and nonutility operations. Explain by footnote any correction adjustments to the account balance shown in column (g). Include in column (i) the average period over which the tax credits are amortized.							
Line No.	Account Subdivisions (a)	Balance at Beginning of Year (b)	Deferred for Year		Allocations to Current Year's Income		Adjustments (g)
			Account No. (c)	Amount (d)	Account No. (e)	Amount (f)	
1	Electric Utility						
2	3%						
3	4%						
4	7%						
5	10%	17,545,440			411.4	592,993	
6	15%	91,122,963			411.4	369,921	
7	30%	297,633					
8	TOTAL	108,966,036				962,914	
9	Other (List separately and show 3%, 4%, 7%, 10% and TOTAL)						
10							
11	10%	640,630			420	30,844	
12	15%	13,622,704			420	55,302	
13	30%	597,232					
14	A/C 255	123,826,602				1,049,060	
15							
16							
17							
18							
19							
20							
21							
22							
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48							

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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
16,952,447	60 years				5
90,753,042	48 years				6
297,633	33 years				7
108,003,122					8
					9
					10
609,786	33 years				11
13,567,402	48 years				12
597,232	20 years				13
122,777,542					14
					15
					16
					17
					18
					19
					20
					21
					22
					23
					24
					25
					26
					27
					28
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					48

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) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 266 Line No.: 14 Column: h

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

<u>Accumulated Deferred Investment Tax Credits</u>		2016 <u>YE Balance</u>
255520	ITC - Wolf Creek ITC	(15,776,019)
255634	ITC - Electric	(1,176,428)
255600	ITC - Wolf Creek Sales	(609,786)
255700	ITC - Iatan 2 Advanced Coal Credit	(90,753,042)
255750	ITC - Iatan 2 Adv Coal Cr Non-Utility	(13,567,402)
255800	ITC - Misc Credit	(297,633)
255850	ITC - Misc Credit Non-Utility	(597,232)
Total		<u>(122,777,542)</u>

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	Wolf Creek					
2	Deferred Compensation & Inter	10,970,139		1,978,571	2,591,302	11,582,870
3						
4	Tax Gross-Up Contributions in					
5	Aid of Construction	7,117,922		977,687	606,128	6,746,363
6						
7	Long Term Compensation	6,956,533		1,984,567	2,740,846	7,712,812
8						
9	Lease	20,823,963		621,635	1,623	20,203,951
10						
11	Other	5,052,245		3,695,978	2,597,576	3,953,843
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
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31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47	TOTAL	50,920,802		9,258,438	8,537,475	50,199,839

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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	81,881,607	7,884,351	
5	Other (provide details in footnote):			
6				
7				
8	TOTAL Electric (Enter Total of lines 3 thru 7)	81,881,607	7,884,351	
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)	81,881,607	7,884,351	
18	Classification of TOTAL			
19	Federal Income Tax	69,252,053	6,668,256	
20	State Income Tax	12,629,554	1,216,095	
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	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
						89,765,958	4
							5
							6
							7
						89,765,958	8
							9
							10
							11
							12
							13
							14
							15
							16
						89,765,958	17
							18
						75,920,309	19
						13,845,649	20
							21

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) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 272 Line No.: 17 Column: k

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

<u>Accumulated Deferred Income Tax - Accelerated Amortization Property</u>		<u>YE Balance</u>
281000	Total Plant	89,765,958
	Total	89,765,958

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Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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	1,317,016,628	82,173,531	
3	Gas			
4				
5	TOTAL (Enter Total of lines 2 thru 4)	1,317,016,628	82,173,531	
6	Reclass per FA96-19-000	147,090,452		
7	FASB109 (ASC 740)	124,513,258		
8				
9	TOTAL Account 282 (Enter Total of lines 5 thru	1,588,620,338	82,173,531	
10	Classification of TOTAL			
11	Federal Income Tax	1,343,588,924	69,498,951	
12	State Income Tax	245,031,414	12,674,580	
13	Local Income Tax			

NOTES

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

3. Use footnotes as required.

CHANGES DURING YEAR		ADJUSTMENTS				Balance at End of Year (k)	Line No.
Amounts Debited to Account 410.2 (e)	Amounts Credited to Account 411.2 (f)	Debits		Credits			
		Account Credited (g)	Amount (h)	Account Debited (i)	Amount (j)		
							1
						1,399,190,159	2
							3
							4
						1,399,190,159	5
					-4,053,134	143,037,318	6
		182	1,644,143	254	590,778	123,459,893	7
							8
			1,644,143		-3,462,356	1,665,687,370	9
							10
			1,390,548		-2,928,317	1,408,769,010	11
			253,595		-534,039	256,918,360	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) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

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

Reclass to /from account 190 per FA96-19-000.

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

The amount of \$1,644,143 reflects the change in deferred income tax liability balance for the FAS109 (ASC 740) adjustment related to AFUDC equity, ITC basis adjustment and basis difference previously flowed through.

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

The amount of \$590,778 reflects the change in deferred income tax liability balance for the FAS109 (ASC 740) adjustment related to excess taxes.

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

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

<u>Accumulated Deferred Income Tax Other Property</u>		2016 <u>YE Balance</u>
282611	Total Plant	1,399,190,158
282611	Reclass Debit Balances to 190	143,037,318
282601	FASB 109 Adjustment	123,459,894
	Total	<u>1,665,687,370</u>

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Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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ACCUMULATED DEFERRED INCOME TAXES - OTHER (Account 283)

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

Line No.	Account (a)	Balance at Beginning of Year (b)	CHANGES DURING YEAR	
			Amounts Debited to Account 410.1 (c)	Amounts Credited to Account 411.1 (d)
1	Account 283			
2	Electric			
3		195,560,653	56,798,936	47,968,083
4				
5				
6				
7				
8				
9	TOTAL Electric (Total of lines 3 thru 8)	195,560,653	56,798,936	47,968,083
10	Gas			
11				
12				
13				
14				
15				
16				
17	TOTAL Gas (Total of lines 11 thru 16)			
18				
19	TOTAL (Acct 283) (Enter Total of lines 9, 17 and 18)	195,560,653	56,798,936	47,968,083
20	Classification of TOTAL			
21	Federal Income Tax	165,397,057	48,038,173	40,569,407
22	State Income Tax	30,163,596	8,760,763	7,398,676
23	Local Income Tax			

NOTES

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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)		
					-5,592,814	198,798,692	1
							2
							3
							4
							5
							6
							7
							8
					-5,592,814	198,798,692	9
							10
							11
							12
							13
							14
							15
							16
							17
							18
					-5,592,814	198,798,692	19
							20
					-4,730,169	168,135,654	21
					-862,645	30,663,038	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) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

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

Other Adjustments:

Reclass to/from account 190 per FA96-19-000	(7,956,392)
Change in Deferred Tax Liability per FAS 109 Adjustment (ASC 740)	(1,046,764)
Other comprehensive income - Interest Rate Hedge	3,410,342
FIN 48 Adjustments (ASC 740)	0
	<u>(5,592,814)</u>

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

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

Page 234, Account 190	10,796,665
Page 276, Account 283	<u>47,968,083</u>
TOTAL pg. 114, Ln. 18c	<u>58,764,748</u>

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.

Accumulated Deferred Income Tax Other Utility		2016
283300	<u>Deferred Tax Miscellaneous:</u>	<u>YE Balance</u>
	Miscellaneous Accruals	0
	Bond Refinancing (Loss on Reacq Debt)	(3,876,081)
	Clearing Accounts	(2,809,026)
	Retail Regulatory Assets/Liabilities	(72,175,058)
	Employee pensions	0
	Prepaid Gross Receipts Tax	(350,764)
	Coal Premium Offset	0
	Interest on Decommissioning & Decontamination	(249,856)
	Section 174 Ded in CWIP (Iatan-Production)	0
	AFUDC Debt in CWIP	(213,941)
	Book Amort Mortgage Register Taxes	0
	Software Deduction in CWIP	(12,306,470)
	Nonutility Depreciation	0
	Nonutility Capitalized Interest	0
	Nonutility Book Capitalized Software	0
	Jurisdictional Diff Iatan 1 and Common	(5,271,726)
	Stock Compensation Accrual	0
	SmartGrid Dem Grant Deferred	0
	Active Health & Welfare Benefits	(3,052,690)
	Section 174 Ded in CWIP (LaCygne-Production)	0
	Tax Interest (FIN 48 & other contingencies)	0
	Deferred Inter-Co Gain	0
	Repairs Expense in CWIP	0
	Performance Incentive on EEIA	(4,050,503)
	Nuclear Fuel	(9,748,071)
283601	FASB 109 Adjustment	(84,694,505)
283410/510	FIN 48 Liability (after FERC Reclass)	(1)
283400	Deferred Taxes - OCI (Gas Hedge)	0
	Total	<u>(198,798,692)</u>

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4	
OTHER REGULATORY LIABILITIES (Account 254)						
1. Report below the particulars (details) called for concerning other regulatory liabilities, including rate order docket number, if applicable. 2. Minor items (5% of the Balance in Account 254 at end of period, or amounts less than \$100,000 which ever is less), may be grouped by classes. 3. For Regulatory Liabilities being amortized, show period of amortization.						
Line No.	Description and Purpose of Other Regulatory Liabilities (a)	Balance at Beginning of Current Quarter/Year (b)	DEBITS		Credits (e)	Balance at End of Current Quarter/Year (f)
			Account Credited (c)	Amount (d)		
1	Emission Allowances Transactions					
2	per Missouri Order ER-2010-0355 and					
3	Kansas Order 10-KCPE-415-RTS, with					
4	Kansas emission allowances to be amortized					
5	over 22 years beginning December 2010					
6	and Missouri emission allowances to be					
7	amortized over 21 years beginning May 2011	66,088,388	509	4,031,494		62,056,894
8						
9	Deferred Regulatory Liability-ASC 740	95,464,140	190	1,634,799		93,829,341
10						
11	Asset Retirement Obligation related					
12	to the decommissioning trust per FERC					
13	Order 631, Missouri Case No.					
14	EU-2004-0294 and Kansas Docket No.					
15	04-WSEE-605-ACT.	86,470,826	Various		13,198,779	99,669,605
16						
17	Missouri Case No. ER-2014-0370 and					
18	Kansas Docket No. 15-KCPE-116-RTS:					
19	Transource Account Review to be					
20	amortized over 3 years beginning October 2015.	184,470	920, 923	67,080		117,390
21						
22	Excess MO Wholesale Gross Margin					
23	in accordance with Missouri Case No.					
24	ER-2009-0089, ER-2010-0355 and ER-2012-0174,					
25	to be amortized over 10 years beginning					
26	September 2009, May 2011 and February					
27	2013, respectively. Costs continue to be					
28	deferred with recovery determined in a					
29	subsequent rate proceeding.	3,432,493	440, 442, 444	760,716	24,338	2,696,115
30						
31	Excess STB Settlement in accordance					
32	with MO Case No. ER-2009-0089, to be					
33	amortized over 10 years beginning September					
34	2009.	373,118	501, 503	101,759		271,359
35						
36	Legal Fee Reimbursement per Kansas Docket No.					
37	15-KCPE-116-RTS to be re-amortized over 1.5 years					
38	beginning October 2015.	36,146	923	28,916		7,230
39						
40						
41	TOTAL	260,072,222		8,021,808	29,180,860	281,231,274

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017		Year/Period of Report End of 2016/Q4	
OTHER REGULATORY LIABILITIES (Account 254)							
1. Report below the particulars (details) called for concerning other regulatory liabilities, including rate order docket number, if applicable. 2. Minor items (5% of the Balance in Account 254 at end of period, or amounts less than \$100,000 which ever is less), may be grouped by classes. 3. For Regulatory Liabilities being amortized, show period of amortization.							
Line No.	Description and Purpose of Other Regulatory Liabilities (a)	Balance at Beginning of Current Quarter/Year (b)	DEBITS		Credits (e)	Balance at End of Current Quarter/Year (f)	
			Account Credited (c)	Amount (d)			
1	One KC Place Lease Abatement per						
2	Missouri Case No. ER-2010-0355						
3	to be amortized over 5 years beginning						
4	May 2011.	108,282	931	108,282			
5							
6	OPEB Liabilities in accordance with Missouri Case						
7	No. ER-2012-0174 and Kansas Docket No.						
8	12-KCPE-764-RTS, with Missouri to be						
9	amortized over 5 years beginning February						
10	2013 and Kansas to be amortized over						
11	3 years beginning January 2013.	4,780,044	926, 107	952,542	11,495,908	15,323,410	
12							
13	Low Income Weatherization	1,249,322			10,575	1,259,897	
14							
15	Missouri Case No. ER-2014-0370 and						
16	Kansas Docket No. 15-KCPE-116-RTS						
17	Deferred Costs Related to Flood Reimbursement						
18	to be amortized over 3 years beginning						
19	October 2015.	924,604	500, 921	336,220		588,384	
20							
21	Kansas Docket No: 15-KCPE-116-RTS:						
22	Costs related to Wolf Creek Essential Service						
23	Water project and the LaCygne Environmental						
24	project to be refunded to customers over a period						
25	to be determined in a subsequent rate						
26	proceeding.	960,389			2,676,493	3,636,882	
27							
28	Mark to Market Short Term Gain						
29	Transmission Congestion Rights				956,015	956,015	
30							
31	Kansas Docket No. 15-KCPE-116-RTS:						
32	To track the over/under recovery of CIP/Cyber						
33	Security costs with recovery determined in a						
34	subsequent rate proceeding.				818,752	818,752	
35							
36							
37							
38							
39							
40							
41	TOTAL	260,072,222		8,021,808	29,180,860	281,231,274	

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 278 Line No.: 9 Column: a

Excess taxes due to change in tax rates	\$ 15.7 million
Investment tax credits	\$ 11.1 million
Advance coal credit	\$ 66.4 million
Solar Credit	<u> </u> .6 million
Total	\$ 93.8 million

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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	722,969,164	648,290,700
3	(442) Commercial and Industrial Sales		
4	Small (or Comm.) (See Instr. 4)	830,987,639	753,950,772
5	Large (or Ind.) (See Instr. 4)	155,800,027	141,696,247
6	(444) Public Street and Highway Lighting	13,199,263	12,460,211
7	(445) Other Sales to Public Authorities		
8	(446) Sales to Railroads and Railways		
9	(448) Interdepartmental Sales		
10	TOTAL Sales to Ultimate Consumers	1,722,956,093	1,556,397,930
11	(447) Sales for Resale	128,870,540	134,065,969
12	TOTAL Sales of Electricity	1,851,826,633	1,690,463,899
13	(Less) (449.1) Provision for Rate Refunds	-750,141	
14	TOTAL Revenues Net of Prov. for Refunds	1,852,576,774	1,690,463,899
15	Other Operating Revenues		
16	(450) Forfeited Discounts	3,576,548	3,488,028
17	(451) Miscellaneous Service Revenues	1,187,355	1,071,081
18	(453) Sales of Water and Water Power		
19	(454) Rent from Electric Property	4,078,132	4,050,626
20	(455) Interdepartmental Rents		
21	(456) Other Electric Revenues	939,913	1,274,478
22	(456.1) Revenues from Transmission of Electricity of Others	13,024,465	13,465,090
23	(457.1) Regional Control Service Revenues		
24	(457.2) Miscellaneous Revenues		
25			
26	TOTAL Other Operating Revenues	22,806,413	23,349,303
27	TOTAL Electric Operating Revenues	1,875,383,187	1,713,813,202

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
ELECTRIC OPERATING REVENUES (Account 400)					
<p>6. Commercial and industrial Sales, Account 442, may be classified according to the basis of classification (Small or Commercial, and Large or Industrial) regularly used by the respondent if such basis of classification is not generally greater than 1000 Kw of demand. (See Account 442 of the Uniform System of Accounts. Explain basis of classification in a footnote.)</p> <p>7. See pages 108-109, Important Changes During Period, for important new territory added and important rate increase or decreases.</p> <p>8. For Lines 2,4,5,and 6, see Page 304 for amounts relating to unbilled revenue by accounts.</p> <p>9. Include unmetered sales. Provide details of such Sales in a footnote.</p>					
MEGAWATT HOURS SOLD		AVG.NO. CUSTOMERS PER MONTH			Line
Year to Date Quarterly/Annual (d)	Amount Previous year (no Quarterly) (e)	Current Year (no Quarterly) (f)	Previous Year (no Quarterly) (g)	No.	
					1
5,329,997	5,212,819	469,606	463,308		2
					3
7,552,547	7,568,611	60,017	59,630		4
1,839,486	1,833,168	1,901	1,942		5
83,403	83,468	106	108		6
					7
					8
					9
14,805,433	14,698,066	531,630	524,988		10
6,628,443	6,098,667	9	11		11
21,433,876	20,796,733	531,639	524,999		12
					13
21,433,876	20,796,733	531,639	524,999		14
<p>Line 12, column (b) includes \$ 4,857,769 of unbilled revenues.</p> <p>Line 12, column (d) includes -4,837 MWH relating to unbilled revenues</p>					

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report 2016/Q4
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FOOTNOTE DATA			

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

Line 17 (451) Miscellaneous Service Revenues:

\$ 513,395	Reconnect Charge
\$ 492,295	Temporary Install Profit
\$ 103,790	Collection Fee
\$ 48,315	Replace Damaged Meter
\$ 32,781	Disconnect Service Charge
\$ (3,220)	Ok on Arrival Fees
\$1,187,355	Total

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

Line 17 (451) Miscellaneous Service Revenues:

\$ 481,921	Reconnect Charge
\$ 612,298	Temporary Install Profit
\$ (191,995)	Miscellaneous
\$ 54,915	Replace Damaged Meter
\$ 31,887	Disconnect Service Charge
\$ 81,635	Collection Service
\$ 420	OK on Arrival Fees
\$1,071,081	Total

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

Line 21 (456) Other Electric Revenues:

\$496,340	Use & Sales Tax Timely Filing Discount
\$335,278	Returned Check Service Charge
\$ 71,250	Diversion Charge
\$ 40,163	Allconnect Charge
\$ (5,969)	Franchise & GRT Tax
\$ 2,005	Ok on Arrival
\$ 791	Distribution Demand Charge
\$ 55	Additional Meter Charge
\$939,913	Total

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

Line 21 (456) Other Electric Revenues:

\$ 499,101	Transmission Expense
\$ 320,135	Returned Check Fee
\$ 454,491	Sales & Use Tax Timely Filing
\$ 751	Distribution Demand Charge
\$1,274,478	Total

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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SALES OF ELECTRICITY BY RATE SCHEDULES

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

Line No.	Number and Title of Rate schedule (a)	MWh Sold (b)	Revenue (c)	Average Number of Customers (d)	KWh of Sales Per Customer (e)	Revenue Per KWh Sold (f)
1	1ALDA-Area Lighting	852	327,885	900	947	0.3848
2	1RFEB-Res Apts All elec	1,549	194,555	14	110,643	0.1256
3	1RO1A-Residential Standard	428	79,015	84	5,095	0.1846
4	1RS1A-Residential Standard	1,826,959	260,635,363	190,048	9,613	0.1427
5	1RS1B-Residential Standard	887	139,881	33	26,879	0.1577
6	1RS2A-Residential Submeter Heat	13,513	1,628,361	1,114	12,130	0.1205
7	1RS3A-Residential Sep Ht Meter	119,069	14,139,185	9,299	12,804	0.1187
8	1RS6A-Residential Elec Heat	564,009	70,155,374	48,362	11,662	0.1244
9	1RSDA-Residential Standard 3PH	1,583	198,656	67	23,627	0.1255
10	1RW2A-Res Water/Space Heat		26			
11	1RW3A-Res Water/Space Heat		53			
12	1RW6A-Res Water/Space Heat					
13	1RW7A-Res Water/Space Heat	503	54,267	22	22,864	0.1079
14	1TE1A-Residential Time of Day	479	63,775	35	13,686	0.1331
15	Net Metering	3,414				
16	Unbilled Revenue	-1,417	536,908			-0.3789
17	MEEIA		3,372,519			
18	Total MO Residential	2,531,828	351,525,823	249,978	10,128	0.1388
19						
20	2ALDA-Area Lighting	1,048	402,266	1,867	561	0.3838
21	2RO1A-Residential Standard	606	122,011	260	2,331	0.2013
22	2RS1A-Residential Standard	1,868,323	255,280,345	155,889	11,985	0.1366
23	2RS2A-Residential Submeter	11,275	1,394,375	958	11,769	0.1237
24	2RS3A-Residential Sep Heat	164,481	19,797,078	11,457	14,356	0.1204
25	2RS6A-Residential Elec Heat	411,543	52,065,758	29,929	13,751	0.1265
26	2RSDA-Residential Standard 3PH	1,417	176,304	25	56,680	0.1244
27	2RW1A-Residential Water Heat	-97	-9,655	3	-32,333	0.0995
28	2RW2A-Res Water/Space Heat	2	224			0.1120
29	2RW3A-Res Water/Space Heat	43	4,092	3	14,333	0.0952
30	2RW6A-Res Water/Space Heat	329,046	40,542,814	25,125	13,096	0.1232
31	2RW7A-Res Water/Space Heat	1,399	159,292	50	27,980	0.1139
32	2TE1A-Residential Time of Day	687	91,533	52	13,212	0.1332
33	Net Metering	344				
34	Unbilled Revenue	8,052	1,416,904			0.1760
35	Total KS Residential	2,798,169	371,443,341	225,618	12,402	0.1327
36						
37	1ALDE-Area Lighting	12,982	3,145,514	2,241	5,793	0.2423
38	1LGAE-Large General All Elec	489,725	49,276,839	154	3,180,032	0.1006
39	1LGAF-Large General All Elec	158,167	15,682,009	14	11,297,643	0.0991
40	1LGHE-Large General Heat	32,678	3,720,052	22	1,485,364	0.1138
41	TOTAL Billed	14,810,270	1,718,098,324	541,195	27,366	0.1160
42	Total Unbilled Rev.(See Instr. 6)	-4,837	4,857,769	0	0	-1.0043
43	TOTAL	14,805,433	1,722,956,093	541,195	27,357	0.1164

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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	1LGSE-Large General Service	1,038,720	112,111,816	592	1,754,595	0.1079
2	1LGSE-Large General Service	220,671	22,093,370	56	3,940,554	0.1001
3	1LSHE-Large General Heat	2,126	301,578	2	1,063,000	0.1419
4	1MGAE-Medium General All Elec	118,829	13,781,645	332	357,919	0.1160
5	1MGAF-Medium General All Elec	302	36,549	1	302,000	0.1210
6	1MGHE-Medium General Heat	17,107	1,988,591	63	271,540	0.1162
7	1MGSE-Medium General Service	917,907	111,648,485	4,542	202,093	0.1216
8	1MGSE-Medium General Service	59,403	8,309,884	35	1,697,229	0.1399
9	1MSSE-Medium General Service	21,250	3,074,054	163	130,368	0.1447
10	1PGSE-Large Power Service	346,170	30,218,507	19	18,219,474	0.0873
11	1PGSF-Large Power Service	300,784	28,383,035	14	21,484,571	0.0944
12	1POSF-Large Power Off Peak	131,465	13,312,674	8	16,433,125	0.1013
13	1POSW-Large Power Off Peak	26,133	2,028,016	1	26,133,000	0.0776
14	1SGAE-Small General All Electric	12,331	1,657,621	372	33,148	0.1344
15	1SGHE-Small General Heat	3,022	431,829	138	21,899	0.1429
16	1SGSE-Small General Service	378,049	57,896,230	23,498	16,089	0.1531
17	1SGSF-Small General Service	1,269	258,231	44	28,841	0.2035
18	1SSAE-Small General All Elec	19	3,188	3	6,333	0.1678
19	1SSHE-Small General Heat	681	104,824	11	61,909	0.1539
20	1SSSE-Small General Service	8,054	1,466,654	449	17,938	0.1821
21	1SUSE-Small General Unmetered	7,345	1,214,278	1,208	6,080	0.1653
22	Net Metering	3,437				
23	Unbilled Revenue	-13,193	1,768,757			-0.1341
24	MEEIA		5,962,424			
25	Total MO Commercial	4,295,433	489,876,654	33,982	126,403	0.1140
26						
27	2ALDE-Area Lighting	1,990	595,049	719	2,768	0.2990
28	2LGAE-Large General Space Heat	677,601	60,052,118	297	2,281,485	0.0886
29	2LGAF-Large General Space Heat	44,043	3,210,396	4	11,010,750	0.0729
30	2LGHE-Large General Heat	77,965	7,427,495	55	1,417,545	0.0953
31	2LGSE-Large General Service	1,051,182	104,095,947	684	1,536,816	0.0990
32	2LGSE-Large General Service	179,589	16,528,418	29	6,192,724	0.0920
33	2LGSW-Large General Service	95,112	7,643,603	1	95,112,000	0.0804
34	2LS1E-Off Peak Light Service	39,602	3,284,128	1,535	25,799	0.0829
35	2MGAE-Medium Gen Space Heat	112,300	11,679,397	427	262,998	0.1040
36	2MGAF-Medium Gen Space Heat	3,253	515,109	5	650,600	0.1583
37	2MGHE-Medium General Heat	16,710	1,941,614	95	175,895	0.1162
38	2MGSE-Medium General Service	600,798	72,686,425	3,321	180,909	0.1210
39	2MGSE-Medium General Service	625	63,518	3	208,333	0.1016
40	2MLSK-Commercial St Light HP	2	675	1	2,000	0.3375
41	TOTAL Billed	14,810,270	1,718,098,324	541,195	27,366	0.1160
42	Total Unbilled Rev.(See Instr. 6)	-4,837	4,857,769	0	0	-1.0043
43	TOTAL	14,805,433	1,722,956,093	541,195	27,357	0.1164

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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	2SGAE-Small Gen Space Heat	23,451	3,040,471	1,177	19,924	0.1297
2	2SGAF-Small Gen Space Heat	2,788	408,104	5	557,600	0.1464
3	2SGHE-Small General Heat	9,379	1,279,658	392	23,926	0.1364
4	2SGSE-Small General Service	313,717	45,288,496	19,847	15,807	0.1444
5	2SGSF-Small General Service	188	24,242	5	37,600	0.1289
6	2SUSE-Small General Service	2,721	545,206	940	2,895	0.2004
7	Net Metering	71				
8	Unbilled Revenue	4,028	800,916			0.1988
9	Total KS Commercial	3,257,115	341,110,985	29,542	110,254	0.1047
10						
11	1LGAH-Large General All Elec	32,096	2,574,775	4	8,024,000	0.0802
12	1LGHH-Large General Heat	806	87,553	1	806,000	0.1086
13	1LGSG-Large General Service	83,101	8,765,145	23	3,613,087	0.1055
14	1LGSH-Large General Service	129,199	13,707,417	63	2,050,778	0.1061
15	1MGAH-Medium General All Elec	3,919	506,051	11	356,273	0.1291
16	1MGHH-Medium General Heat	227	33,199	1	227,000	0.1463
17	1MGSG-Medium General Service	4,493	577,011	9	499,222	0.1284
18	1MGSH-Medium General Service	66,508	8,752,337	287	231,735	0.1316
19	1PGSG-Large Power Service	451,288	34,794,115	11	41,026,182	0.0771
20	1PGSH-Large Power Service	31,476	3,069,051	3	10,492,000	0.0975
21	1PGSV-Large Power Service	347,383	21,831,098	3	115,794,333	0.0628
22	1PGSZ-Large Power Service	134,750	11,424,504	3	44,916,667	0.0848
23	1POSG-Large Power Off Peak	112,182	7,953,639	2	56,091,000	0.0709
24	1POSZ-Large Power Off Peak	130,898	8,107,172	1	130,898,000	0.0619
25	1SGAH-Small General Heat	174	31,619	5	34,800	0.1817
26	1SGHH-Small General Heat	35	4,007	1	35,000	0.1145
27	1SGSG-Small General Service	130	18,266	7	18,571	0.1405
28	1SGSH-Small General Service	9,285	1,507,537	552	16,821	0.1624
29	Net Metering	202				
30	Unbilled Revenue	-2,013	332,508			-0.1652
31	MEEIA		2,061,081			
32	Total MO Industrial	1,536,139	126,138,085	987	1,556,372	0.0821
33						
34	2LGAH-Large General Space Heat	21,415	1,986,829	10	2,141,500	0.0928
35	2LGHH-Large General Heat	1,477	133,798	1	1,477,000	0.0906
36	2LGSG-Large General Service	62,852	5,475,453	11	5,713,818	0.0871
37	2LGSH-Large General Service	147,049	14,348,672	53	2,774,509	0.0976
38	2LGSV-Large General Service	24,836	1,977,078	1	24,836,000	0.0796
39	2MGAH-Medium General Space	3,656	463,349	8	457,000	0.1267
40	2MGHH-Medium General Heat	324	45,967	3	108,000	0.1419
41	TOTAL Billed	14,810,270	1,718,098,324	541,195	27,366	0.1160
42	Total Unbilled Rev.(See Instr. 6)	-4,837	4,857,769	0	0	-1.0043
43	TOTAL	14,805,433	1,722,956,093	541,195	27,357	0.1164

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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	2MGSG-Medium General Service	150	17,698	1	150,000	0.1180
2	2MGSH-Medium General Service	26,820	3,270,990	151	177,616	0.1220
3	2SGAH-Small General Space Heat	211	30,506	14	15,071	0.1446
4	2SGHH-Small General Heat	56	6,747	4	14,000	0.1205
5	2SGSG-Small General Service		229	1		
6	2SGSH-Small General Service	14,796	1,912,911	680	21,759	0.1293
7	Ash Grove Aggregate		-10,060			
8	Unbilled Revenue	-294	1,775			-0.0060
9	Total KS Industrial	303,348	29,661,942	938	323,399	0.0978
10						
11	1MLCL-Municipal St Light	260	50,704	4	65,000	0.1950
12	1MLLL-Municipal St Light LED	265	259,246	4	66,250	0.9783
13	1MLML-Municipal St Light MV	8	2,136	4	2,000	0.2670
14	1MLSL-Municipal St Light HP	4,113	1,620,343	31	132,677	0.3940
15	1TSLM-Traffic Signal Lights	159	63,328	2	79,500	0.3983
16	3MLCL-Municipal St Light	30	6,597	4	7,500	0.2199
17	3MLML-Municipal St Light MV		132	1		
18	3MLSL-Municipal St Light HP	1,030	316,462	19	54,211	0.3072
19	1OLSL-Municipal Streetlight	65,903	5,587,546	2	32,951,500	0.0848
20	Total MO Public Street Lights	71,768	7,906,494	71	1,010,817	0.1102
21						
22	2MLIL-Municipal St Light	103	19,708	10	10,300	0.1913
23	2MLLL-Municipal St Light LED	105	110,059	3	35,000	1.0482
24	2MLML-Municipal St Light MV	660	159,827	19	34,737	0.2422
25	2MLSL-Municipal St Light HP	8,295	3,486,803	34	243,971	0.4204
26	2MOSL-Municipal St Light	1	1,548	1	1,000	1.5480
27	2TSLM-Traffic Signal Lights	2,374	1,514,824	12	197,833	0.6381
28	PTKTS-Traffic Signals Manual	97				
29	Total KS Publice Street Lights	11,635	5,292,769	79	147,278	0.4549
30						
31	Instruction Note (5)					
32	Fuel Clause Revenue Billed:					
33	Residential	57,975,732				
34	Commercial	69,016,018				
35	Industrial	7,669,507				
36	Public Street Lights	293,751				
37	Provision for Rate Refund					
38	Total Fuel Clause Revenue Billed	134,955,008				
39						
40						
41	TOTAL Billed	14,810,270	1,718,098,324	541,195	27,366	0.1160
42	Total Unbilled Rev.(See Instr. 6)	-4,837	4,857,769	0	0	-1.0043
43	TOTAL	14,805,433	1,722,956,093	541,195	27,357	0.1164

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) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 304 Line No.: 41 Column: d

Note: The average number of customers reported on page 301 is the number of bills rendered, per premise, during the year divided by 12 periods. However, on page 304, some customers are served under more than one rate.

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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	City of Prescott, KS	RQ	WSPP, Sch A	557		.490
2	City of Slater, MO	RQ	WSPP, Sch A	6086		6.086
3	Independence Power & Light	RQ	WSPP, Sch A			
4	Kansas City Power & Light - GMO	RQ	WSPP, Sch A			
5						
6	Associated Electric Cooperative, Inc	OS	WSPP, Sch A			
7	City of Chanute, KS	LF	EEI Agreement			
8	City of Eudora, KS	LF	EEI Agreement			
9	Independence Power & Light	OS	WSPP, Sch A			
10	Kansas City Power & Light - GMO	OS	WSPP, Sch A			
11	Kansas Municipal Energy Agency	OS	EEI Agreement			
12	MidContinent Independent System Oper	OS	MISO RTO			
13	Southwest Power Pool	OS	SPP RTO			
14	Union Electric Company	OS	IA Emergency			
	Subtotal RQ			0	0	0
	Subtotal non-RQ			0	0	0
	Total			0	0	0

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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)		
1,825	15,458	133,245		148,703	1
21,388	171,280	1,561,342		1,732,622	2
856		53,690		53,690	3
1,578		19,719		19,719	4
					5
232		309,575		309,575	6
270,617	2,959,226	7,956,140		10,915,366	7
46,309	508,000	1,915,623		2,423,623	8
		13,385		13,385	9
	770,128			770,128	10
217,815	598,560	7,349,293		7,947,853	11
4,400		281,151		281,151	12
6,062,973		104,177,241		104,177,241	13
		57,234		57,234	14
25,647	186,738	1,767,996	0	1,954,734	
6,602,796	4,835,914	122,079,892	0	126,915,806	
6,628,443	5,022,652	123,847,888	0	128,870,540	

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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	Western Farmers Electric Coop	OS	WSPP, Sch A			
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
	Subtotal RQ			0	0	0
	Subtotal non-RQ			0	0	0
	Total			0	0	0

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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)		
450		20,250		20,250	1
					2
					3
					4
					5
					6
					7
					8
					9
					10
					11
					12
					13
					14
25,647	186,738	1,767,996	0	1,954,734	
6,602,796	4,835,914	122,079,892	0	126,915,806	
6,628,443	5,022,652	123,847,888	0	128,870,540	

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) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 310 Line No.: 1 Column: a

KCP&L Full Requirement Customers: City of Prescott and City of Slater, CP Demand per service contracts.

Schedule Page: 310 Line No.: 4 Column: a

Great Plains Energy, the parent company of KCP&L Greater Missouri Operations Company, also owns all the outstanding shares of Kansas City Power & Light and its electric utility assets. This is a border customer agreement, dated 11/07/1960. Demand meter information is not available.

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

OS, other service: hour by hour economy power interchanges for all statistic classes of OS.

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

City of Chanute, KS: LF service, termination date 12/31/2016.

Schedule Page: 310 Line No.: 8 Column: a

City of Eudora, KS: LF service, termination date 05/21/2023.

Schedule Page: 310 Line No.: 13 Column: a

Southwest Power Pool: RTO energy market start date, 09/01/2009. Integrated Marketplace start date, 03/01/2014.

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
ELECTRIC OPERATION AND MAINTENANCE EXPENSES					
If the amount for previous year is not derived from previously reported figures, explain in footnote.					
Line No.	Account (a)	Amount for Current Year (b)		Amount for Previous Year (c)	
1	1. POWER PRODUCTION EXPENSES				
2	A. Steam Power Generation				
3	Operation				
4	(500) Operation Supervision and Engineering	9,380,160		5,574,918	
5	(501) Fuel	257,309,380		274,329,274	
6	(502) Steam Expenses	17,700,343		22,115,124	
7	(503) Steam from Other Sources				
8	(Less) (504) Steam Transferred-Cr.				
9	(505) Electric Expenses	6,758,312		7,519,187	
10	(506) Miscellaneous Steam Power Expenses	11,462,726		10,614,013	
11	(507) Rents	345,290		176,867	
12	(509) Allowances	-3,929,874		-3,910,792	
13	TOTAL Operation (Enter Total of Lines 4 thru 12)	299,026,337		316,418,591	
14	Maintenance				
15	(510) Maintenance Supervision and Engineering	6,561,815		5,739,150	
16	(511) Maintenance of Structures	7,121,280		7,479,425	
17	(512) Maintenance of Boiler Plant	34,573,436		28,080,532	
18	(513) Maintenance of Electric Plant	5,225,084		8,941,293	
19	(514) Maintenance of Miscellaneous Steam Plant	308,714		388,959	
20	TOTAL Maintenance (Enter Total of Lines 15 thru 19)	53,790,329		50,629,359	
21	TOTAL Power Production Expenses-Steam Power (Entr Tot lines 13 & 20)	352,816,666		367,047,950	
22	B. Nuclear Power Generation				
23	Operation				
24	(517) Operation Supervision and Engineering	7,506,623		7,369,764	
25	(518) Fuel	26,620,644		27,123,318	
26	(519) Coolants and Water	3,337,568		2,806,299	
27	(520) Steam Expenses	16,355,353		16,772,928	
28	(521) Steam from Other Sources				
29	(Less) (522) Steam Transferred-Cr.				
30	(523) Electric Expenses	1,443,948		1,349,061	
31	(524) Miscellaneous Nuclear Power Expenses	29,401,540		30,646,151	
32	(525) Rents				
33	TOTAL Operation (Enter Total of lines 24 thru 32)	84,665,676		86,067,521	
34	Maintenance				
35	(528) Maintenance Supervision and Engineering	5,984,074		7,118,741	
36	(529) Maintenance of Structures	2,610,699		2,776,521	
37	(530) Maintenance of Reactor Plant Equipment	11,865,279		7,334,882	
38	(531) Maintenance of Electric Plant	5,296,999		6,139,186	
39	(532) Maintenance of Miscellaneous Nuclear Plant	3,081,000		2,932,271	
40	TOTAL Maintenance (Enter Total of lines 35 thru 39)	28,838,051		26,301,601	
41	TOTAL Power Production Expenses-Nuc. Power (Entr tot lines 33 & 40)	113,503,727		112,369,122	
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 Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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	90,591	100,468		
63	(547) Fuel	8,141,715	6,964,108		
64	(548) Generation Expenses	798,212	1,010,721		
65	(549) Miscellaneous Other Power Generation Expenses	1,191,464	1,284,596		
66	(550) Rents				
67	TOTAL Operation (Enter Total of lines 62 thru 66)	10,221,982	9,359,893		
68	Maintenance				
69	(551) Maintenance Supervision and Engineering	61,649	51,160		
70	(552) Maintenance of Structures	189,331	105,208		
71	(553) Maintenance of Generating and Electric Plant	2,355,266	1,972,666		
72	(554) Maintenance of Miscellaneous Other Power Generation Plant	31,440	29,274		
73	TOTAL Maintenance (Enter Total of lines 69 thru 72)	2,637,686	2,158,308		
74	TOTAL Power Production Expenses-Other Power (Enter Tot of 67 & 73)	12,859,668	11,518,201		
75	E. Other Power Supply Expenses				
76	(555) Purchased Power	137,841,165	92,558,306		
77	(556) System Control and Load Dispatching	1,951,535	1,888,734		
78	(557) Other Expenses	-45,795,189	6,165,816		
79	TOTAL Other Power Supply Exp (Enter Total of lines 76 thru 78)	93,997,511	100,612,856		
80	TOTAL Power Production Expenses (Total of lines 21, 41, 59, 74 & 79)	573,177,572	591,548,129		
81	2. TRANSMISSION EXPENSES				
82	Operation				
83	(560) Operation Supervision and Engineering	917,530	780,753		
84					
85	(561.1) Load Dispatch-Reliability				
86	(561.2) Load Dispatch-Monitor and Operate Transmission System	566,229	493,207		
87	(561.3) Load Dispatch-Transmission Service and Scheduling	211,968	199,978		
88	(561.4) Scheduling, System Control and Dispatch Services	4,345,725	5,450,653		
89	(561.5) Reliability, Planning and Standards Development				
90	(561.6) Transmission Service Studies	-7,390	166,134		
91	(561.7) Generation Interconnection Studies				
92	(561.8) Reliability, Planning and Standards Development Services	1,294,707	1,458,257		
93	(562) Station Expenses	506,044	583,203		
94	(563) Overhead Lines Expenses	260,361	164,779		
95	(564) Underground Lines Expenses	6,154			
96	(565) Transmission of Electricity by Others	56,365,410	58,382,946		
97	(566) Miscellaneous Transmission Expenses	2,600,716	2,408,236		
98	(567) Rents	2,403,265	2,414,011		
99	TOTAL Operation (Enter Total of lines 83 thru 98)	69,470,719	72,502,157		
100	Maintenance				
101	(568) Maintenance Supervision and Engineering	9,264	33,907		
102	(569) Maintenance of Structures				
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	676,402	808,309		
108	(571) Maintenance of Overhead Lines	2,287,700	2,355,800		
109	(572) Maintenance of Underground Lines	75,308	-76,170		
110	(573) Maintenance of Miscellaneous Transmission Plant	6,931	5,821		
111	TOTAL Maintenance (Total of lines 101 thru 110)	3,055,605	3,127,667		
112	TOTAL Transmission Expenses (Total of lines 99 and 111)	72,526,324	75,629,824		

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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)
165	6. CUSTOMER SERVICE AND INFORMATIONAL EXPENSES		
166	Operation		
167	(907) Supervision	89,973	119,232
168	(908) Customer Assistance Expenses	40,114,474	28,866,562
169	(909) Informational and Instructional Expenses	150,641	97,398
170	(910) Miscellaneous Customer Service and Informational Expenses	8,749,192	3,814,689
171	TOTAL Customer Service and Information Expenses (Total 167 thru 170)	49,104,280	32,897,881
172	7. SALES EXPENSES		
173	Operation		
174	(911) Supervision		
175	(912) Demonstrating and Selling Expenses	487,158	473,126
176	(913) Advertising Expenses		-3,152
177	(916) Miscellaneous Sales Expenses		273
178	TOTAL Sales Expenses (Enter Total of lines 174 thru 177)	487,158	470,247
179	8. ADMINISTRATIVE AND GENERAL EXPENSES		
180	Operation		
181	(920) Administrative and General Salaries	40,102,091	38,531,990
182	(921) Office Supplies and Expenses	-834,128	-833,182
183	(Less) (922) Administrative Expenses Transferred-Credit	14,396,197	12,852,633
184	(923) Outside Services Employed	13,436,217	16,256,378
185	(924) Property Insurance	4,194,668	4,423,092
186	(925) Injuries and Damages	17,067,418	9,626,308
187	(926) Employee Pensions and Benefits	83,444,475	81,157,597
188	(927) Franchise Requirements		
189	(928) Regulatory Commission Expenses	7,596,069	8,283,426
190	(929) (Less) Duplicate Charges-Cr.		
191	(930.1) General Advertising Expenses		
192	(930.2) Miscellaneous General Expenses	6,024,015	5,980,737
193	(931) Rents	3,391,511	3,276,800
194	TOTAL Operation (Enter Total of lines 181 thru 193)	160,026,139	153,850,513
195	Maintenance		
196	(935) Maintenance of General Plant	8,070,993	6,954,895
197	TOTAL Administrative & General Expenses (Total of lines 194 and 196)	168,097,132	160,805,408
198	TOTAL Elec Op and Maint Expns (Total 80,112,131,156,164,171,178,197)	944,622,571	941,979,590

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) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light 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:

	YTD 2016
CFSI Joint & Terminal Facility Charge	202,137
Cooper-Fairpoint - St. Joe-Billing for Share	221,402
Wolf Creek Line Lease	1,897,055
Total KCPL Transmission Lease Expense	2,320,594

All Other	82,671
Total KCPL Account 567000	2,403,265

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:

	YTD 2015
CFSI Joint & Terminal Facility Charge	202,123
Cooper-Fairpoint - St. Joe-Billing for Share	264,172
Wolf Creek Line Lease	1,895,940
Total KCPL Transmission Lease Expense	2,362,235

All Other	51,776
Total KCPL Account 567000	2,414,011

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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	Associated Electric Coop, Inc	RQ	107			
2	Board of Public Utilities - KCK	RQ	109			
3	Central Nebraska PPID	OS	Hydro Agreement			
4	Cimarron Wind Power II, LLC	LU	PPA			
5	City of Higginsville, MO	LU	108			
6	Co-Generation	OS	WSPP, Sch A			
7	Independence Power & Light	RQ	WSPP, Sch A			
8	Kansas City Power & Light - GMO	RQ	47			
9	MidContinent Independent System Oper	OS	MISO RTO			
10	Osborn Wind	LU	PPA			
11	Slate Creek Wind Project, LLC	OS	PPA			
12	Southwest Power Pool	OS	SPP RTO			
13	Spearville 3, LLC	OS	PPA			
14	Veolia Energy	OS	WSPP, Sch A			
	Total					

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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)	
				81,716		81,716	1
17,916				1,124,024		1,124,024	2
418,419				18,168,918		18,168,918	3
557,877				18,307,263		18,307,263	4
352			1,235,500	17,140		1,252,640	5
10,257				46,549		46,549	6
2,088				144,233		144,233	7
452				5,651		5,651	8
				236,393		236,393	9
13,471				424,337		424,337	10
626,724				15,155,931		15,155,931	11
1,067,910				49,957,429		49,957,429	12
407,407				12,303,409		12,303,409	13
10,220				120,082		120,082	14
3,914,525			1,235,500	136,605,665		137,841,165	

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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PURCHASED POWER (Account 555)
(Including power exchanges)

- 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.
- 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.
- 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	Waverly Wind Farm, LLC	LU	PPA			
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
	Total					

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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)	
781,432				20,512,590		20,512,590	1
							2
							3
							4
							5
							6
							7
							8
							9
							10
							11
							12
							13
							14
3,914,525			1,235,500	136,605,665		137,841,165	

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) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

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

Associated Electric Cooperative: RQ service per mint line agreement.

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

Board of Public Utilities, KCK: RQ service, border customer agreement.

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

OS, other service: hour by hour economy power interchanges for all statistic classes of OS.

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

Cimarron Wind Power II, LLC (Duke): LU service, termination in 2032.

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

City of Higginsville, MO: LU service per Revised and Restated Amendatory Agreement No. 1 to the Municipal Participation Agreement, first revised rate schedule FERC No. 108, dated 06/01/1996 through 05/31/2016.

Schedule Page: 326 Line No.: 7 Column: a

Independence Power & Light: RQ service, border customer agreement.

Schedule Page: 326 Line No.: 8 Column: a

Great Plains Energy, the parent company of KCP&L Greater Missouri Operations Company, also owns all the outstanding shares of Kansas City Power & Light and its electric utility assets. This is a border customer agreement, dated 11/07/1960. Demand meter information is not available.

Schedule Page: 326 Line No.: 10 Column: a

Osborn Wind: LU service, termination date 12/14/2036.

Schedule Page: 326 Line No.: 12 Column: a

Southwest Power Pool: RTO energy market start date, 09/01/2009. Integrated Marketplace start date, 03/01/2014.

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

Waverly Wind Farm, LLC: LU service, termination in 2036.

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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	Ameren	Kansas City Power & Light	Ameren	LFP
2	Associated Electric	Kansas City Power & Light	Associated Electric	LFP
3	City of Prescott	Kansas City Power & Light	City of Prescott	FNO
4	City of Slater	Kansas City Power & Light	City of Slater	FNO
5	KCP&L GMOC-MOPUB	Kansas City Power & Light	KCP&L GMOC-MOPUB	OS
6	Southwest Power Pool	Kansas City Power & Light	SPP	OS
7				
8				
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34				
	TOTAL			

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

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

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

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

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

FERC Rate Schedule of Tariff Number (e)	Point of Receipt (Substation or Other Designation) (f)	Point of Delivery (Substation or Other Designation) (g)	Billing Demand (MW) (h)	TRANSFER OF ENERGY		Line No.
				MegaWatt Hours Received (i)	MegaWatt Hours Delivered (j)	
104	Ameren	Maurer Lake	66	238,736	238,736	1
89	Assoc Elec Intercon	Dover	2	5,347	5,347	2
127	City of Prescott	Centerville Sub				3
128	City of Slater	Norton Substation				4
58	MPS Interconnects	Multiple				5
SPP Tariff	Multiple	Multiple				6
						7
						8
						9
						10
						11
						12
						13
						14
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			68	244,083	244,083	

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
TRANSMISSION OF ELECTRICITY FOR OTHERS (Account 456) (Continued) (Including transactions referred to as 'wheeling')			
9. In column (k) through (n), report the revenue amounts as shown on bills or vouchers. In column (k), provide revenues from demand charges related to the billing demand reported in column (h). In column (l), provide revenues from energy charges related to the amount of energy transferred. In column (m), provide the total revenues from all other charges on bills or vouchers rendered, including out of period adjustments. Explain in a footnote all components of the amount shown in column (m). Report in column (n) the total charge shown on bills rendered to the entity Listed in column (a). If no monetary settlement was made, enter zero (11011) in column (n). Provide a footnote explaining the nature of the non-monetary settlement, including the amount and type of energy or service rendered. 10. The total amounts in columns (i) and (j) must be reported as Transmission Received and Transmission Delivered for annual report purposes only on Page 401, Lines 16 and 17, respectively. 11. Footnote entries and provide explanations following all required data.			

REVENUE FROM TRANSMISSION OF ELECTRICITY FOR OTHERS				
Demand Charges (\$) (k)	Energy Charges (\$) (l)	(Other Charges) (\$) (m)	Total Revenues (\$) (k+l+m) (n)	Line No.
807,840		7,008	814,848	1
24,265			24,265	2
		12,424	12,424	3
		135,599	135,599	4
		71,769	71,769	5
		11,965,560	11,965,560	6
				7
				8
				9
				10
				11
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				34
832,105	0	12,192,360	13,024,465	

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
TRANSMISSION OF ELECTRICITY BY OTHERS (Account 565) (Including transactions referred to as "wheeling")			
<p>1. 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.</p> <p>2. 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.</p> <p>3. 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.</p> <p>4. Report in column (c) and (d) the total megawatt hours received and delivered by the provider of the transmission service.</p> <p>5. 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.</p> <p>6. Enter "TOTAL" in column (a) as the last line.</p> <p>7. Footnote entries and provide explanations following all required data.</p>			

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	KCP&L GMO	OS					33,690	33,690
2	MidContinent Indn SysOp	NF			502			502
3	Southwest Power Pool	LFP			24,387,090			24,387,090
4	Southwest Power Pool	SFP						
5	Southwest Power Pool	FNS			33,290,357			33,290,357
6	Southwest Power Pool	NF			154			154
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
	TOTAL				57,678,103		33,690	57,711,793

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) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 332 Line No.: 1 Column: g

Emergency and firm transmission service delivered to KCP&L is for transmission capacity needed from KCP&L GMO for KCP&L to carry load. There is not actual scheduling of energy with usual transmission service. Energy purchases are handled through purchase power.

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
MISCELLANEOUS GENERAL EXPENSES (Account 930.2) (ELECTRIC)					
Line No.	Description (a)				Amount (b)
1	Industry Association Dues				1,296,768
2	Nuclear Power Research Expenses				1,516,325
3	Other Experimental and General Research Expenses				1,375,819
4	Pub & Dist Info to Stkhldrs...expn servicing outstanding Securities				1,661,682
5	Oth Expn >=5,000 show purpose, recipient, amount. Group if < \$5,000				
6	Winning Culture				42
7	Support Services				31,675
8	Safety/Medical				57
9	Reporting				116,578
10	Other				5,248
11	Labor				18,038
12	Manage Environmental Programs				1,783
13					
14					
15					
16					
17					
18					
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43					
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45					
46	TOTAL				6,024,015

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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DEPRECIATION AND AMORTIZATION OF ELECTRIC PLANT (Account 403, 404, 405)
(Except amortization of aquisition 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				25,707,461	25,707,461
2	Steam Production Plant	86,003,722	12,160,729	105,276	1,320,235	99,589,962
3	Nuclear Production Plant	31,278,143	576,993			31,855,136
4	Hydraulic Production Plant-Conventional					
5	Hydraulic Production Plant-Pumped Storage					
6	Other Production Plant	21,777,708	252,458		597	22,030,763
7	Transmission Plant	8,540,864			159,850	8,700,714
8	Distribution Plant	52,900,779			1,326,028	54,226,807
9	Regional Transmission and Market Operation					
10	General Plant	14,898,606		1,796,180	1,661,925	18,356,711
11	Common Plant-Electric					
12	TOTAL	215,399,822	12,990,180	1,901,456	30,176,096	260,467,554

B. Basis for Amortization Charges

Basis and effective annual rates used to record Account 405 Amortization:			
	FERC A/C	Plant Base	Annual Rate
Misc Intangible Plant			
Station Equipment	303	\$ 2,033,869	1.54%
Capitalized Software 5YR	303	\$ 150,691,532	20.00%
Capitalized Software 10YR	303	\$ 187,643,137	10.00%
Steam Prod Structures	303	\$ 34,980	2.95%
Transmission Line	303	\$ 6,874,227	2.34%
Transmission MINT Line	303	\$ 55,209	*****
Highway & Bridge	303	\$ 3,243,743	1.95%
Highway & Road Overpass	303	\$ 1,362,127	1.71%
Other Production	340	\$ 93,269	.64%
Transmission Plant	350	\$ 24,976,626	.64%
Distribution Plant	360	\$ 16,589,694	1.27%
Basis used to record 404 Amortization:			
Steam Prod Structures	311	\$ 1,220,593	*****
General Structures	390	\$ 36,823,282	*****

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017		Year/Period of Report End of 2016/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	DEPRECIABLE PLANT						
13	AND RATES						
14	(SEE FOOTNOTE)						
15							
16	303-Misc Intang-Subst	2,034			1.54		
17	303-Cap Soft 5-yr Cust	41,143			20.00		
18	303-Cap Soft 5-yr Ener	9,432			20.00		
19	303-Cap Soft 5-yr PD	36,825			20.00		
20	303-Cap Soft 5-yr S/W	31,049			20.00		
21	303-Cap Soft 5-yr T/D	3,829			20.00		
22	303-Cap Sof 10-yr Cust	91,465			10.00		
23	303-Cap Sof 10-yr Ener	38,194			10.00		
24	303-Cap Sof 10-yr PD	28,204			10.00		
25	303-Cap Sot 10-yr S/W	29,780			10.00		
26	303-Cap Soft 5-yr WC	28,414			20.00		
27	303-Steam Prod Struct	35			2.95		
28	303-Trans Line	6,874			2.34		
29	303-Iatan Hwy & Bridge	3,244			1.95		
30	303-LaCygne Rd Overpas	871			1.71		
31	303-Montrose Highway	491			1.71		
32	INTANGIBLES TOTAL	351,884			3.81		
33							
34	311 Structures	292,920			1.71		
35	311 Struct Haw 5 Rebl'd	8,654			0.39		
36	311 Structures Iatan 2	91,564			1.45		
37	312 Boiler Plant	1,652,897			2.95		
38	312 Boil Plt Unit Trns	20,764			2.84		
39	312 Boiler Plant - AQC	2,824			0.85		
40	312 Boil Plt-Haw 5 Rbd	218,084			0.63		
41	312 Boiler Plt Iatan 2	640,641			1.72		
42	314 Turbogenerator	289,868			2.24		
43	314 Turbognt'r Iatan 2	225,776			1.86		
44	315 Accessory Equip	230,755			3.00		
45	315 Acc Equip - Haw 5	33,439			0.70		
46	315 Acc Equip Iatan 2	57,554			1.88		
47	316 Misc Pwr Plt Equip	49,223			2.36		
48	316 Misc Pwr Plt Haw 5	2,305			0.44		
49	316 Misc Pwr Iatan 2	4,135			1.25		
50	321 Nucl Str & Improv	420,675			1.36		

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017		Year/Period of Report End of 2016/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	321 Nuc S/I MO Gr-up	19,152			1.30		
13	322 Nuc Reactor	778,876			1.76		
14	322 Nuc Reac MO Gr-up	47,610			1.58		
15	323 Nuc Turbine	217,763			2.18		
16	323 Nuc Tur MO Gr-up	4,089			2.25		
17	324 Nuc Accessory	139,375			2.02		
18	324 Nuc Ac MO Gr-up	5,859			2.12		
19	325 Nuc Misc Pwr Pt Eq	132,705			2.71		
20	325 Nuc Pwr MO Gr-up	1,058			3.16		
21	340 Oth Prod Land Rgts	93			0.64		
22	341 Oth Prod Struct	8,504			2.53		
23	341 Oth Prod Str Wind	5,073			4.71		
24	342 Oth Prod Fuel Hldr	12,153			2.34		
25	344 Oth Prod Generator	293,145			2.45		
26	344 Oth Prod Solar	1,009			3.95		
27	344 Oth Prd Gen Wind	259,552			5.12		
28	345 Oth Prd Acc Equip	22,838			1.95		
29	345 Oth Prd Ac Eq Wind	707			5.82		
30	346 Oth Prd Misc Pwr	410			3.83		
31	346 Oth Prd Misc Wind	165			4.90		
32	PRODUCTION TOTAL	6,192,214					
33							
34	350 Land Rgts				0.64		
35	350 Land Rgts MO Situs	11,149			0.64		
36	350 Land Rgts KS Situs	13,827			0.64		
37	350 Land Rgts Wolf Cr				0.64		
38	350 Wolf Cr Gr AFUDC				1.19		
39	352 Struct & Impr	5,941			1.72		
40	352 Wolf Cr Str & Imp	250			1.72		
41	352 Wolf Cr Gr AFUDC	16			1.98		
42	353 Station Equip	169,405			1.54		
43	353 Wolf Cr Station Eq	16,252			1.54		
44	353 Wolf Cr Gr AFUDC	532			1.87		
45	353 Station Eq Comm Eq	7,869			16.51		
46	354 Towers & Fixtures	4,288			0.67		
47	355 Poles & Fixtures				2.34		
48	355 Pol & Fix MO Situs	71,619			2.34		
49	355 Pol & Fix KS Situs	58,997			2.34		
50	355 Wolf Cr Pol & Fix	58			2.34		

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017		Year/Period of Report End of 2016/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	355 Wolf Cr Gr AFUDC	4			2.64		
13	356 OH Conduc & Device				1.09		
14	356 OH Con/Dev MO Situ	42,607			1.09		
15	356 OH Con/Dev KS Situ	68,490			1.09		
16	356 Wolf Cr OH Con Dev	39			1.09		
17	356 Wolf Cr Gr AFUDC	3			1.78		
18	357 Undergrd Circuit	4,101			1.15		
19	358 Undergrd Cond Dev	3,242			1.30		
20	TRANSMISSION TOTAL	478,689					
21							
22	360 Dist Land Rgts	16,590			1.27		
23	361 Dist Str & Impr	14,960			1.59		
24	362 Dist Station Equip	227,806			1.75		
25	362 Dis Stn Eq Comm Eq	4,670			12.19		
26	363 Energy Storage Eq	2,413			11.76		
27	364 Dist Pol Twr & Fix	354,168			3.00		
28	365 Dis OH Conductor	254,415			2.71		
29	366 Dis UG Circuit	285,017			2.00		
30	367 Dis UG Con & Dev	510,994			1.72		
31	368 Dis Line Transform	298,974			1.56		
32	369 Dist Services	143,559			4.81		
33	370 Dist Meters	53,548			0.92		
34	370 Dist Meters AMI	62,090			4.99		
35	371 Dist Cust Prem Ins	25,083			0.04		
36	373 Dist Str Ltg & Tra	34,215			4.56		
37	DISTRIBUTION TOTAL	2,288,502					
38							
39	390 Struc & Improv	110,812			2.79		
40	391 Off Fur & Equip	10,777			5.00		
41	391 Of Fur & Eq WC 706	12,188			5.00		
42	391 Of Fur & Eq Comp	48,843			15.90		
43	392 Trans Eq Autos	850			10.34		
44	392 Trans Eq Lt Trucks	11,370			11.66		
45	392 Trans Eq Hvy Truck	41,388			9.43		
46	392 Trans Eq Tractors	717			6.24		
47	392 Trans Eq Trailers	2,176			2.11		
48	393 Stores Equip	768			4.00		
49	394 Tools, Shop Equip	7,509			4.08		
50	395 Laboratory Equip	7,405			4.07		

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017		Year/Period of Report End of 2016/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	396 Power Oper Eq	29,405			8.38		
13	397 Communic Eq	112,189			4.60		
14	397 Wolf Cr Comm Eq	143			4.60		
15	397 Wolf Cr Gr AFUDC	9			2.86		
16	398 Misc Equip	1,145			4.10		
17	GENERAL PLANT TOTAL	397,694					
18							
19							
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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) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 336 Line No.: 14 Column: b

**Kansas City Power & Light Co.
2016 Jurisdictional Allocation Factors**

LN	A/C	Description	Allocati on Basis	Missouri Allocation Factor	Kansas Allocation Factor	FERC Allocation Factor	KCPL Composite Total Allocation Factor
			(g)	(a)	(c)	(e)	(h)
1	301	Organization	PTD	54.2206%	45.5935%	0.1859%	100.0000%
2	302	Franchises	100	100.0000%	0.0000%	0.0000%	100.0000%
3	303	Misc Intangible - Substation (like A/C 353)	MO D	53.1730%	46.5865%	0.2405%	100.0000%
4	303	Misc Intangible - Cap Software 5 Year (Customer)	C1	52.5650%	47.4350%	0.0000%	100.0000%
5	303	Misc Intangible - Cap Software 5 Year (Energy)	E1	57.0857%	42.6808%	0.2336%	100.0001%
6	303	Misc Intangible - Cap Software 5 Year (Prod Demand)	D	53.1730%	46.5865%	0.2405%	100.0000%
7	303	Misc Intangible - Cap Software 5 Year (Sal/Wages)	SW	53.7859%	46.0302%	0.1839%	100.0000%
8	303	Misc Intangible - Cap Software 5 Year (Transm Demand)	D	53.1730%	46.5865%	0.2405%	100.0000%
9	303	Misc Intangible - Cap Software 10 Year (Customer)	C1	52.5650%	47.4350%	0.0000%	100.0000%
10	303	Misc Intangible - Cap Software 10 Year (Energy)	E1	57.0857%	42.6808%	0.2336%	100.0001%
11	303	Misc Intangible - Cap Software 10 Year (Prod Demand)	D	53.1730%	46.5865%	0.2405%	100.0000%
12	303	Misc Intangible - Cap Software 10 Year (Sal/Wages)	SW	53.7859%	46.0302%	0.1839%	100.0000%
13	303	Misc Intangible - Steam Prod Structures (like A/C 312)	D	53.1730%	46.5865%	0.2405%	100.0000%
14	303	Misc Intangible - Trans Line (like A/C 355)	D	53.1730%	46.5865%	0.2405%	100.0000%
15	303	Misc Intangible - Trans Line MINT Line	D	53.1730%	46.5865%	0.2405%	100.0000%
16	303	Misc Intangible - Iatan Hwy & Bridge (like A/C 311)	D	53.1730%	46.5865%	0.2405%	100.0000%
17	303	Misc Intangible - LaCygne Road Overpass (like A/C 311)	D	53.1730%	46.5865%	0.2405%	100.0000%
18	303	Misc Intangible - Montrose Highway (like A/C 311)	D	53.1730%	46.5865%	0.2405%	100.0000%
19	350	Land	N/A	53.1730%	46.5865%	0.2405%	100.0000%

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20	350 Land Rights	D	53.1730%	46.5865%	0.2405%	100.0000%
21	350 Land Rights - MO Situs	100MO	100.0000%	0.0000%	0.0000%	100.0000%
22	350 Land Rights - KS Situs	100KS	0.0000%	100.0000%	0.0000%	100.0000%
23	350 Land Rights - Wolf Creek	D	53.1730%	46.5865%	0.2405%	100.0000%
24	350 Wolf Creek Gross AFUDC - Land Rights	100MO	100.0000%	0.0000%	0.0000%	100.0000%
25	352 Structures and Improvements	D	53.1730%	46.5865%	0.2405%	100.0000%
26	352 Wolf Creek - Structures and Improvement	D	53.1730%	46.5865%	0.2405%	100.0000%
27	352 Wolf Creek Gross AFUDC - Structures & Improvement	100MO	100.0000%	0.0000%	0.0000%	100.0000%
28	353 Station Equipment	D	53.1730%	46.5865%	0.2405%	100.0000%
29	353 Wolf Creek - Station Equipment	D	53.1730%	46.5865%	0.2405%	100.0000%
30	353 Wolf Creek Gross AFUDC - Station Equipment	100MO	100.0000%	0.0000%	0.0000%	100.0000%
31	353 Station Equipment-Communication Eq (same as 397)	D	53.1730%	46.5865%	0.2405%	100.0000%
32	354 Towers and Fixtures	D	53.1730%	46.5865%	0.2405%	100.0000%
33	355 Poles and Fixtures	D	53.1730%	46.5865%	0.2405%	100.0000%
34	355 Poles and Fixtures - MO Situs	100MO	100.0000%	0.0000%	0.0000%	100.0000%
35	355 Poles and Fixtures - KS Situs	100KS	0.0000%	100.0000%	0.0000%	100.0000%
36	355 Wolf Creek - Poles and Fixtures	D	53.1730%	46.5865%	0.2405%	100.0000%
37	355 Wolf Creek Gross AFUDC - Poles and Fixtures	100MO	100.0000%	0.0000%	0.0000%	100.0000%
38	356 Overhead Conductors and Devices	D	53.1730%	46.5865%	0.2405%	100.0000%
39	356 Overhead Conductors and Devices - MO Situs	100MO	100.0000%	0.0000%	0.0000%	100.0000%
40	356 Overhead Conductors and Devices - KS Situs	100KS	0.0000%	100.0000%	0.0000%	100.0000%
41	356 Wolf Creek - Overhead Conductors and Devices	D	53.1730%	46.5865%	0.2405%	100.0000%
42	356 Wolf Creek Gross AFUDC - O/H Conductor & Devices	100MO	100.0000%	0.0000%	0.0000%	100.0000%
43	357 Underground Conduit	D	53.1730%	46.5865%	0.2405%	100.0000%
44	358 Underground Conductors and Devices	D	53.1730%	46.5865%	0.2405%	100.0000%
45	389 Land and Land Rights	PTD	54.2206%	45.5935%	0.1859%	100.0000%
46	390 Structures and Improvements	PTD	54.2206%	45.5935%	0.1859%	100.0000%
47	390 Structures and Impr - Leasehold Impr (amort over lease)	PTD	54.2206%	45.5935%	0.1859%	100.0000%
48	391 Office Furniture and Equipment	PTD	54.2206%	45.5935%	0.1859%	100.0000%
49	391 Office Furniture and Equipment - WC Sub 706	PTD	54.2206%	45.5935%	0.1859%	100.0000%
50	391 Office Furniture and Equipment - Computers	PTD	54.2206%	45.5935%	0.1859%	100.0000%
51	392 Transportation Equipment	PTD	54.2206%	45.5935%	0.1859%	100.0000%
52	393 Stores Equipment	PTD	54.2206%	45.5935%	0.1859%	100.0000%
53	394 Tools, Shop and Garage Equipment	PTD	54.2206%	45.5935%	0.1859%	100.0000%

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54 395 Laboratory Equipment	PTD	54.2206%	45.5935%	0.1859%	100.0000%
55 396 Power Operated Equipment	PTD	54.2206%	45.5935%	0.1859%	100.0000%
56 397 Communication Equipment	PTD	54.2206%	45.5935%	0.1859%	100.0000%
57 397 Wolf Creek - Communication Equipment	PTD	54.2206%	45.5935%	0.1859%	100.0000%
58 397 Wolf Creek Gross AFUDC - Communication Equip.	100MO	100.0000%	0.0000%	0.0000%	100.0000%
59 398 Miscellaneous Equipment	PTD	54.2206%	45.5935%	0.1859%	100.0000%
60 399 Other Tangible Property	100MO	100.0000%	0.0000%	0.0000%	100.0000%
61 399 Other Tangible Property	100KS	0.0000%	100.0000%	0.0000%	100.0000%

Notes

- KCP&L adopted a composite depreciation calculation in FY 2010 based on allocation methods of the predominant regulatory jurisdiction applied to the approved depreciation rates for each jurisdiction. Missouri is the predominant jurisdiction for KCP&L based upon size of load. Although the specific weighting values will change from year to year, the allocation methods documented in the above table will not change without an order from the Commission approving the new methods or depreciation rates. As the formula rate is updated each year, the above table will be populated with allocation factors reflecting the approved methods in order to calculate a composite depreciation rate for each line.
- The Allocation Basis codes in the above table represent the weighting methods to apply to the approved jurisdictional depreciation rates to calculate composite depreciation expense on an account-specific basis for FERC Form No. 1. Following is the definition of each code:
C1 - The customer allocator is based on the number of customers receiving power in each regulatory jurisdiction.
D - The demand allocator is based on the monthly coincident peak (CP) demands for each jurisdiction.
E1 - The energy allocator is based on the total annual kilowatt-hour usage of each jurisdiction's customers, adjusted for line losses.
PP - The PP allocator reflects the total production plant value allocated and specifically assigned to each jurisdiction as a percentage of KCP&L total production plant.
PTD - The PTD allocator reflects the total production, transmission, and distribution plant value allocated and specifically assigned to each jurisdiction as a percentage of KCP&L total production, transmission, and distribution plant.
T&D - The T&D allocator reflects the total transmission and distribution plant value allocated and specifically assigned to each jurisdiction as a percentage of KCP&L total transmission and distribution plant.
S - The steam plant allocator is a blend of the demand allocator (D) and the energy allocator (E1), based on the percentage of production plant devoted to non-environmental and environmental functions, respectively.
SW - The salary and wages allocator represents the weighting of salary and wages (excluding Administrative and General) for production, transmission, distribution, and customer accounts.
- Allocation factors based on 2014 Missouri Surveillance Reporting.

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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		978,967	978,967	
2					
3	FERC Regulatory Proceedings		564,597	564,597	
4					
5	Missouri Public Service Commission				
6	Annual Assessments	1,652,885		1,652,885	
7					
8	Missouri Regulatory Proceedings		2,006,449	2,006,449	
9					
10	Kansas Corporation Commission				
11	Commission Assessments	978,802		978,802	
12	Citizens' Utility Ratepayer Board Assessments	142,127		142,127	
13					
14	Kansas Regulatory Proceedings		719,683	719,683	
15					
16	Kansas 2007 Rate Case				
17	Re-amortize per KS Docket 15-KCPE-116-RTS				
18	Amortize 10/2015-3/2017		2,689	2,689	3,362
19					
20	Kansas 2008 Rate Case				
21	Re-amortize per KS Docket 15-KCPE-116-RTS				
22	Amortize 10/2015-3/2017		18,366	18,366	22,958
23					
24	Kansas 2010 Rate Case				
25	Re-amortize per KS Docket 15-KCPE-116-RTS				
26	Amortize 10/2015-3/2017		76,246	76,246	95,308
27					
28	Kansas 2012 Rate Case				
29	Re-amortize per KS Docket 15-KCPE-116-RTS				
30	Amortize 10/2015-3/2017		71,606	71,606	89,508
31					
32	Kansas 2015 Rate Case				
33	Per KS Docket 15-KCPE-116-RTS				
34	Amortize 10/2015-9/2018		383,652	383,652	1,064,323
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46	TOTAL	2,773,814	4,822,255	7,596,069	1,275,459

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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	978,967					1
							2
Electric	928	564,597					3
							4
							5
Electric	928	1,652,885					6
							7
Electric	928	2,006,449					8
							9
							10
Electric	928	978,802					11
Electric	928	142,127					12
							13
Electric	928	719,683					14
							15
							16
							17
Electric	928	2,689			2,689	672	18
							19
							20
	928						21
Electric	928	18,366			18,366	4,592	22
							23
							24
							25
Electric	928	76,246			76,246	19,061	26
							27
							28
							29
Electric	928	71,606			71,606	17,902	30
							31
							32
							33
Electric	928	383,652	7,718		383,652	688,390	34
							35
							36
							37
							38
							39
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							41
							42
							43
							44
							45
		7,596,069	7,718		552,559	730,617	46

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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	34,227
Other Specifically Assignable to Transmission	<u>89,849</u>
Subtotal - Specifically Assignable to Transmission	124,076
All Other FERC Regulatory Commission Expense	<u>440,521</u>
Total FERC Regulatory Commission Expense	564,597

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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	Research Support to EPRI
2		
3	B(1) Total	
4		
5		
6		
7		
8		
9		
10		
11		
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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)		
1,375,819		930.2	1,375,819		1
					2
1,375,819			1,375,819		3
					4
					5
					6
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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, are provided below:

Transmission Specific Projects/Programs:	
Transmission Lines & Substation Reliability	\$ 196,439
Total Transmission Specific Projects/Programs	<u>196,439</u>
Other Research and Development Expenses	<u>1,179,380</u>
Total Page 353, Line 1, Column f	<u>\$1,375,819</u>

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DISTRIBUTION OF SALARIES AND WAGES							
Report below the distribution of total salaries and wages for the year. Segregate amounts originally charged to clearing accounts to Utility Departments, Construction, Plant Removals, and Other Accounts, and enter such amounts in the appropriate lines and columns provided. In determining this segregation of salaries and wages originally charged to clearing accounts, a method of approximation giving substantially correct results may be used.							
Line No.	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll charged for Clearing Accounts (c)	Total (d)			
1	Electric						
2	Operation						
3	Production	79,736,928					
4	Transmission	2,989,108					
5	Regional Market						
6	Distribution	15,417,181					
7	Customer Accounts	9,740,456					
8	Customer Service and Informational	1,585,455					
9	Sales	344,178					
10	Administrative and General	32,014,983					
11	TOTAL Operation (Enter Total of lines 3 thru 10)	141,828,289					
12	Maintenance						
13	Production	23,357,314					
14	Transmission	459,971					
15	Regional Market						
16	Distribution	9,326,323					
17	Administrative and General	223,350					
18	TOTAL Maintenance (Total of lines 13 thru 17)	33,366,958					
19	Total Operation and Maintenance						
20	Production (Enter Total of lines 3 and 13)	103,094,242					
21	Transmission (Enter Total of lines 4 and 14)	3,449,079					
22	Regional Market (Enter Total of Lines 5 and 15)						
23	Distribution (Enter Total of lines 6 and 16)	24,743,504					
24	Customer Accounts (Transcribe from line 7)	9,740,456					
25	Customer Service and Informational (Transcribe from line 8)	1,585,455					
26	Sales (Transcribe from line 9)	344,178					
27	Administrative and General (Enter Total of lines 10 and 17)	32,238,333					
28	TOTAL Oper. and Maint. (Total of lines 20 thru 27)	175,195,247	3,961,924	179,157,171			
29	Gas						
30	Operation						
31	Production-Manufactured Gas						
32	Production-Nat. Gas (Including Expl. and Dev.)						
33	Other Gas Supply						
34	Storage, LNG Terminaling and Processing						
35	Transmission						
36	Distribution						
37	Customer Accounts						
38	Customer Service and Informational						
39	Sales						
40	Administrative and General						
41	TOTAL Operation (Enter Total of lines 31 thru 40)						
42	Maintenance						
43	Production-Manufactured Gas						
44	Production-Natural Gas (Including Exploration and Development)						
45	Other Gas Supply						
46	Storage, LNG Terminaling and Processing						
47	Transmission						

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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)	175,195,247	3,961,924	179,157,171	
66	Utility Plant				
67	Construction (By Utility Departments)				
68	Electric Plant	41,217,975	19,851,884	61,069,859	
69	Gas Plant				
70	Other (provide details in footnote):				
71	TOTAL Construction (Total of lines 68 thru 70)	41,217,975	19,851,884	61,069,859	
72	Plant Removal (By Utility Departments)				
73	Electric Plant	4,961,128	366,840	5,327,968	
74	Gas Plant				
75	Other (provide details in footnote):				
76	TOTAL Plant Removal (Total of lines 73 thru 75)	4,961,128	366,840	5,327,968	
77	Other Accounts (Specify, provide details in footnote):				
78	Misc Income Deductions	2,164,848	5,715	2,170,563	
79	Unit Trains	85,378		85,378	
80	Misc & Billing Work Orders	562,500	47,461	609,961	
81	Deferred Customer Programs	143,386	4,161	147,547	
82					
83					
84					
85					
86					
87					
88					
89					
90					
91					
92					
93					
94					
95	TOTAL Other Accounts	2,956,112	57,337	3,013,449	
96	TOTAL SALARIES AND WAGES	224,330,462	24,237,985	248,568,447	

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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)	1,908,783	5,544,321	21,616,288	20,288,557
3	Net Sales (Account 447)	26,629,100	25,639,386	26,879,605	2,564,774
4	Transmission Rights	2,064,739	6,016,130	8,378,499	5,558,087
5	Ancillary Services	315,397	550,631	805,568	770,297
6	Other Items (list separately)	976,592	176,673	1,344,492	192,023
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46	TOTAL	31,894,611	37,927,141	59,024,452	29,373,738

Name of Respondent Kansas City Power & Light Company					This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017		Year/Period of Report End of 2016/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: Kansas City Power & Light Company										
Line No.	Month (a)	Monthly Peak MW - Total (b)	Day of Monthly Peak (c)	Hour of Monthly Peak (d)	Firm Network Service for Self (e)	Firm Network Service for Others (f)	Long-Term Firm Point-to-point Reservations (g)	Other Long-Term Firm Service (h)	Short-Term Firm Point-to-point Reservation (i)	Other Service (j)
1	January	2,552	18	800	2,403	80		69		
2	February	2,396	9	800	2,258	69		69		
3	March	2,166	2	800	2,033	64		69		
4	Total for Quarter 1				6,694	213		207		
5	April	1,994	25	1800	1,866	59		69		
6	May	2,416	25	1800	2,271	76		69		
7	June	3,574	22	1800	3,386	119		69		
8	Total for Quarter 2				7,523	254		207		
9	July	3,600	21	1700	3,416	115		69		
10	August	3,714	4	1700	3,524	121		69		
11	September	3,263	6	1700	3,088	106		69		
12	Total for Quarter 3				10,028	342		207		
13	October	2,636	17	1700	2,486	82		68		
14	November	2,168	30	1800	2,035	65		68		
15	December	2,750	19	800	2,594	87		69		
16	Total for Quarter 4				7,115	234		205		
17	Total Year to Date/Year				31,360	1,043		826		

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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: Kansas City Power & Light Company

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	2,129,642	742,604	2,403	18	800
30	February	1,783,269	620,877	2,258	9	800
31	March	1,986,919	883,644	2,033	2	800
32	April	1,632,911	593,957	1,866	25	1800
33	May	1,916,152	791,961	2,271	25	1800
34	June	2,160,590	582,808	3,386	22	1800
35	July	2,422,101	768,100	3,416	21	1700
36	August	2,265,792	664,485	3,524	4	1700
37	September	1,645,550	302,426	3,088	6	1700
38	October	1,228,767	108,512	2,486	17	1700
39	November	1,242,005	153,203	2,035	30	1800
40	December	1,753,502	390,218	2,594	19	800
41	TOTAL	22,167,200	6,602,795			

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STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants)							
<p>1. Report data for plant in Service only. 2. Large plants are steam plants with installed capacity (name plate rating) of 25,000 Kw or more. Report in this page gas-turbine and internal combustion plants of 10,000 Kw or more, and nuclear plants. 3. Indicate by a footnote any plant leased or operated as a joint facility. 4. If net peak demand for 60 minutes is not available, give data which is available, specifying period. 5. If any employees attend more than one plant, report on line 11 the approximate average number of employees assignable to each plant. 6. If gas is used and purchased on a therm basis report the Btu content of the gas and the quantity of fuel burned converted to Mct. 7. Quantities of fuel burned (Line 38) and average cost per unit of fuel burned (Line 41) must be consistent with charges to expense accounts 501 and 547 (Line 42) as show on Line 20. 8. If more than one fuel is burned in a plant furnish only the composite heat rate for all fuels burned.</p>							
Line No.	Item (a)	Plant Name: <i>Montrose</i> (b)			Plant Name: <i>Hawthorn 5</i> (c)		
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear)	Steam			Steam		
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Full Outdoor			Full Outdoor		
3	Year Originally Constructed	1958			1969		
4	Year Last Unit was Installed	1964			1969		
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	563.00			594.00		
6	Net Peak Demand on Plant - MW (60 minutes)	333			566		
7	Plant Hours Connected to Load	4350			5468		
8	Net Continuous Plant Capability (Megawatts)	0			0		
9	When Not Limited by Condenser Water	510			476		
10	When Limited by Condenser Water	0			0		
11	Average Number of Employees	101			127		
12	Net Generation, Exclusive of Plant Use - KWh	727915000			2604274000		
13	Cost of Plant: Land and Land Rights	1620842			807281		
14	Structures and Improvements	26337150			47393650		
15	Equipment Costs	208066481			529707082		
16	Asset Retirement Costs	7998421			9290137		
17	Total Cost	244022894			587198150		
18	Cost per KW of Installed Capacity (line 17/5) Including	433.4332			988.5491		
19	Production Expenses: Oper, Supv, & Engr	1088098			1325690		
20	Fuel	20139312			49938324		
21	Coolants and Water (Nuclear Plants Only)	0			0		
22	Steam Expenses	2230940			4450376		
23	Steam From Other Sources	0			0		
24	Steam Transferred (Cr)	0			0		
25	Electric Expenses	1999339			1573177		
26	Misc Steam (or Nuclear) Power Expenses	2815587			3033499		
27	Rents	12248			103913		
28	Allowances	0			-4031553		
29	Maintenance Supervision and Engineering	1538896			1975833		
30	Maintenance of Structures	1123046			1664838		
31	Maintenance of Boiler (or reactor) Plant	3895560			9112468		
32	Maintenance of Electric Plant	698659			1421744		
33	Maintenance of Misc Steam (or Nuclear) Plant	76817			50398		
34	Total Production Expenses	35618502			70618707		
35	Expenses per Net KWh	0.0489			0.0271		
36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Coal	Oil		Coal	Gas	
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Coal-tons	Oil-barrel		Coal-tons	Gas-mcf	
38	Quantity (Units) of Fuel Burned	459774	13323	0	1470362	242410	0
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	8574	137092	0	8805	1000	0
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	33.724	37.868	0.000	26.319	8.937	0.000
41	Average Cost of Fuel per Unit Burned	35.839	61.836	0.000	28.030	8.937	0.000
42	Average Cost of Fuel Burned per Million BTU	2.090	10.739	0.000	1.592	8.937	0.000
43	Average Cost of Fuel Burned per KWh Net Gen	0.024	0.000	0.000	0.015	0.000	0.000
44	Average BTU per KWh Net Generation	10936.336	0.000	0.000	10035.714	0.000	0.000

Name of Respondent Kansas City Power & Light Company			This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission			Date of Report (Mo, Da, Yr) 04/18/2017			Year/Period of Report End of 2016/Q4		
STEAM-ELECTRIC GENERATING PLANT STATISTICS (Large Plants) (Continued)											
<p>9. Items under Cost of Plant are based on U. S. of A. Accounts. Production expenses do not include Purchased Power, System Control and Load Dispatching, and Other Expenses Classified as Other Power Supply Expenses. 10. For IC and GT plants, report Operating Expenses, Account Nos. 547 and 549 on Line 25 "Electric Expenses," and Maintenance Account Nos. 553 and 554 on Line 32, "Maintenance of Electric Plant." Indicate plants designed for peak load service. Designate automatically operated plants. 11. For a plant equipped with combinations of fossil fuel steam, nuclear steam, hydro, internal combustion or gas-turbine equipment, report each as a separate plant. However, if a gas-turbine unit functions in a combined cycle operation with a conventional steam unit, include the gas-turbine with the steam plant. 12. If a nuclear power generating plant, briefly explain by footnote (a) accounting method for cost of power generated including any excess costs attributed to research and development; (b) types of cost units used for the various components of fuel cost; and (c) any other informative data concerning plant type fuel used, fuel enrichment type and quantity for the report period and other physical and operating characteristics of plant.</p>											
Plant Name: Hawthorn 6 & 9 (d)			Plant Name: Hawthorn 7 & 8 (e)			Plant Name: Osawatomie (f)			Line No.		
Combined Cycle			Gas Turbine			Gas Turbine			1		
Full Outdoor			Full Outdoor			Full Outdoor			2		
2000			2000			2003			3		
2000			2000			2003			4		
301.00			164.00			102.00			5		
232			141			79			6		
584			475			40			7		
0			0			0			8		
281			0			0			9		
0			0			0			10		
0			0			0			11		
57825000			41833000			1375000			12		
0			0			694545			13		
2565697			788537			1697470			14		
128221302			54206056			30319955			15		
64655			0			0			16		
130851654			54994593			32711970			17		
434.7231			335.3329			320.7056			18		
138378			0			509			19		
2816110			2740412			15049			20		
0			0			0			21		
80701			0			0			22		
0			0			0			23		
0			0			0			24		
1251776			54392			101401			25		
108933			0			0			26		
0			0			0			27		
0			0			0			28		
20371			7957			730			29		
141383			2966			10382			30		
495236			0			0			31		
253290			102537			88227			32		
0			0			0			33		
5306178			2908264			216298			34		
0.0918			0.0695			0.1573			35		
Gas			Gas			Gas					36
Gas-mcf			Gas-mcf			Gas-mcf					37
577684	0	0	552772	0	0	23366	0	0			38
1000	0	0	1000	0	0	1000	0	0			39
4.720	0.000	0.000	4.896	0.000	0.000	0.436	0.000	0.000			40
4.720	0.000	0.000	4.896	0.000	0.000	0.436	0.000	0.000			41
4.720	0.000	0.000	4.896	0.000	0.000	0.436	0.000	0.000			42
0.047	0.000	0.000	0.065	0.000	0.000	0.007	0.000	0.000			43
9990.212	0.000	0.000	13213.779	0.000	0.000	16993.455	0.000	0.000			44

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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 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.</p>							
Line No.	Item (a)	Plant Name: <i>latan 1 (100%)</i> (b)			Plant Name: <i>latan 1 (70%)</i> (c)		
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear)	Steam			Steam		
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Outdoor Boiler			Outdoor Boiler		
3	Year Originally Constructed	1980			1980		
4	Year Last Unit was Installed	1980			1980		
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	726.00			508.00		
6	Net Peak Demand on Plant - MW (60 minutes)	0			499		
7	Plant Hours Connected to Load	0			8296		
8	Net Continuous Plant Capability (Megawatts)	0			0		
9	When Not Limited by Condenser Water	670			469		
10	When Limited by Condenser Water	0			0		
11	Average Number of Employees	173			0		
12	Net Generation, Exclusive of Plant Use - KWh	5058774000			3551147000		
13	Cost of Plant: Land and Land Rights	0			3973987		
14	Structures and Improvements	0			51035781		
15	Equipment Costs	0			617934356		
16	Asset Retirement Costs	0			14805147		
17	Total Cost	0			687749271		
18	Cost per KW of Installed Capacity (line 17/5) Including	0.0000			1353.8371		
19	Production Expenses: Oper, Supv, & Engr	0			940932		
20	Fuel	0			57042903		
21	Coolants and Water (Nuclear Plants Only)	0			0		
22	Steam Expenses	0			4479420		
23	Steam From Other Sources	0			0		
24	Steam Transferred (Cr)	0			0		
25	Electric Expenses	0			1120935		
26	Misc Steam (or Nuclear) Power Expenses	0			1452913		
27	Rents	0			93526		
28	Allowances	0			0		
29	Maintenance Supervision and Engineering	0			377694		
30	Maintenance of Structures	0			1274189		
31	Maintenance of Boiler (or reactor) Plant	0			4359603		
32	Maintenance of Electric Plant	0			805743		
33	Maintenance of Misc Steam (or Nuclear) Plant	0			16193		
34	Total Production Expenses	0			71964051		
35	Expenses per Net KWh	0.0000			0.0203		
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	0	0	0	2059807	11214	0
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	0	0	0	8632	136981	0
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	0.000	0.000	0.000	24.920	60.804	0.000
41	Average Cost of Fuel per Unit Burned	0.000	0.000	0.000	26.000	56.777	0.000
42	Average Cost of Fuel Burned per Million BTU	0.000	0.000	0.000	1.506	9.869	0.000
43	Average Cost of Fuel Burned per KWh Net Gen	0.000	0.000	0.000	0.015	0.000	0.000
44	Average BTU per KWh Net Generation	0.000	0.000	0.000	10032.256	0.000	0.000

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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: <i>Iatan 2 (100%)</i> (d)			Plant Name: <i>Iatan 2 (54.71%)</i> (e)			Plant Name: <i>West Gardner</i> (f)			Line No.
Steam			Steam			Gas Turbine			1
Outdoor Boiler			Outdoor Boiler			Full Outdoor			2
2010			2010			2003			3
2010			2010			2003			4
999.00			547.00			408.00			5
0			488			310			6
0			5927			110			7
0			0			0			8
850			465			0			9
0			0			0			10
40			0			5			11
4703570000			2590668000			12166000			12
0			388083			271106			13
0			152208199			4283115			14
0			1070382065			121281037			15
0			20339219			0			16
0			1243317566			125835258			17
0.0000			2272.9754			308.4198			18
0			958474			1412			19
0			38081399			1192837			20
0			0			0			21
0			4127983			0			22
0			0			0			23
0			0			0			24
0			902187			251217			25
0			1852183			0			26
0			134099			0			27
0			0			0			28
0			507288			16842			29
0			1597068			43835			30
0			9011333			0			31
0			1288972			487411			32
0			19016			0			33
0			58480002			1993554			34
0.0000			0.0226			0.1639			35
			Coal	Oil		Gas			36
			tons	Oil-barrel		Gas-mcf			37
0	0	0	1346257	11675	0	178281	0	0	38
0	0	0	8634	137028	0	1000	0	0	39
0.000	0.000	0.000	24.920	60.804	0.000	6.469	0.000	0.000	40
0.000	0.000	0.000	26.077	56.035	0.000	6.469	0.000	0.000	41
0.000	0.000	0.000	1.510	9.736	0.000	6.469	0.000	0.000	42
0.000	0.000	0.000	0.014	0.000	0.000	0.095	0.000	0.000	43
0.000	0.000	0.000	8997.545	0.000	0.000	14654.036	0.000	0.000	44

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: <i>Northeast</i> (b)	Plant Name: <i>Wolf Creek (47%)</i> (c)
1	Kind of Plant (Internal Comb, Gas Turb, Nuclear	Internal Combustion	Nuclear
2	Type of Constr (Conventional, Outdoor, Boiler, etc)	Full Outdoor	Full Indoor
3	Year Originally Constructed	1972	1985
4	Year Last Unit was Installed	1977	1985
5	Total Installed Cap (Max Gen Name Plate Ratings-MW)	491.00	581.00
6	Net Peak Demand on Plant - MW (60 minutes)	137	579
7	Plant Hours Connected to Load	133	6865
8	Net Continuous Plant Capability (Megawatts)	0	0
9	When Not Limited by Condenser Water	0	550
10	When Limited by Condenser Water	0	0
11	Average Number of Employees	6	1054
12	Net Generation, Exclusive of Plant Use - KWh	1317000	3875635000
13	Cost of Plant: Land and Land Rights	285450	3619298
14	Structures and Improvements	2620624	439827307
15	Equipment Costs	72031689	1327336145
16	Asset Retirement Costs	229609	23127805
17	Total Cost	75167372	1793910555
18	Cost per KW of Installed Capacity (line 17/5) Including	153.0904	3087.6257
19	Production Expenses: Oper, Supv, & Engr	19855	7506623
20	Fuel	1377307	26620644
21	Coolants and Water (Nuclear Plants Only)	0	3337568
22	Steam Expenses	0	16355353
23	Steam From Other Sources	0	0
24	Steam Transferred (Cr)	0	0
25	Electric Expenses	216690	1443948
26	Misc Steam (or Nuclear) Power Expenses	0	29401540
27	Rents	0	0
28	Allowances	0	0
29	Maintenance Supervision and Engineering	11985	5984074
30	Maintenance of Structures	66113	2610699
31	Maintenance of Boiler (or reactor) Plant	0	11865279
32	Maintenance of Electric Plant	433834	5296999
33	Maintenance of Misc Steam (or Nuclear) Plant	0	3081000
34	Total Production Expenses	2125784	113503727
35	Expenses per Net KWh	1.6141	0.0293
36	Fuel: Kind (Coal, Gas, Oil, or Nuclear)	Oil	Nuclear
37	Unit (Coal-tons/Oil-barrel/Gas-mcf/Nuclear-indicate)	Oil-barrel	mmbtu
38	Quantity (Units) of Fuel Burned	12976	39054588
39	Avg Heat Cont - Fuel Burned (btu/indicate if nuclear)	136863	138031
40	Avg Cost of Fuel/unit, as Delvd f.o.b. during year	67.038	66.063
41	Average Cost of Fuel per Unit Burned	104.080	101.875
42	Average Cost of Fuel Burned per Million BTU	18.107	17.573
43	Average Cost of Fuel Burned per KWh Net Gen	1.025	0.007
44	Average BTU per KWh Net Generation	56635.535	10077.901

Name of Respondent Kansas City Power & Light Company			This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission			Date of Report (Mo, Da, Yr) 04/18/2017		Year/Period of Report End of 2016/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: LaCygne 1 (50%) (d)			Plant Name: LaCygne 2 (50%) (e)			Plant Name: LaCygne (100%) (f)			Line No.
Steam			Steam			Steam			1
Full Outdoor			Full Outdoor			Full Outdoor			2
1973			1973			1973			3
1977			1977			1977			4
436.50			362.93			1598.86			5
369			346			0			6
7704			7994			0			7
0			0			0			8
681			681			1362			9
0			0			0			10
0			0			217			11
2345485000			2024478000			8369775000			12
2321637			383925			0			13
64707025			48004408			0			14
477219246			439288907			0			15
30678205			26982081			0			16
574926113			514659321			0			17
1317.1274			1418.0677			0.0000			18
2350101			2183708			0			19
49362654			42744788			0			20
0			0			0			21
1216478			1114445			0			22
0			0			0			23
0			0			0			24
271728			287159			0			25
791474			800656			0			26
729			775			0			27
0			0			0			28
1086713			1069821			0			29
714388			631446			0			30
4914955			2447804			0			31
441963			223480			0			32
68972			77318			0			33
61220155			51581400			0			34
0.0261			0.0255			0.0000			35
Coal	Oil		Coal	Oil					36
tons	Oil-barrel		tons	Oil-barrel					37
1380217	2570	0	1293675	5589	0	0	0	0	38
8822	136733	0	8622	136999	0	0	0	0	39
30.255	63.020	0.000	30.255	63.020	0.000	0.000	0.000	0.000	40
33.000	63.485	0.000	30.177	62.859	0.000	0.000	0.000	0.000	41
1.870	11.055	0.000	1.750	10.924	0.000	0.000	0.000	0.000	42
0.019	0.000	0.000	0.019	0.000	0.000	0.000	0.000	0.000	43
10388.980	0.000	0.000	11034.620	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) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 403 Line No.: 1 Column: f

Osawatomie is designed for peak load service.

Schedule Page: 403 Line No.: 6 Column: d

Hawthorn 6&9 is comprised of two units that cannot operate independently of one another. Net peak demand on plant reported is for both units combined.

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

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

Schedule Page: 403 Line No.: 7 Column: d

Hawthorn 6&9 is comprised of two units that cannot operate independently of one another. Plant hours connected to load reported is for both units combined.

Schedule Page: 403 Line No.: 7 Column: e

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

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

Kansas City Power & Light owns 70% of Iatan 1 Station.

Schedule Page: 403.1 Line No.: -1 Column: e

Kansas City Power & Light owns 54.71% of Iatan 2 Station.

Schedule Page: 403.1 Line No.: 1 Column: f

West Gardner is designed for peak load service.

Schedule Page: 402.1 Line No.: 11 Column: b

There are 213 employees at the Iatan plant. There are 34 operators, 5 shift foremen and one shift supervisor for Iatan Unit 2. There are 31 operators, 5 shift foremen and one shift supervisor for Iatan Unit 1. 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.

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

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

Schedule Page: 403.2 Line No.: -1 Column: d

Kansas City Power & Light owns 50% of LaCygne 1 Station.

Schedule Page: 403.2 Line No.: -1 Column: e

Kansas City Power & Light owns 50% of LaCygne 2 Station.

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GENERATING PLANT STATISTICS (Small Plants)

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

Line No.	Name of Plant (a)	Year Orig. Const. (b)	Installed Capacity Name Plate Rating (In MW) (c)	Net Peak Demand MW (60 min.) (d)	Net Generation Excluding Plant Use (e)	Cost of Plant (f)
1	Spearville Wind Energy Facility		151.70	138.0	418,557,000	270,546,542
2	(67 Units @ 1.5 MW each)	2006				
3	(32 Units @ 1.6 MW each)	2010				
4						
5						
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Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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)			
1,783,431	723,987		1,191,666	wind		1
						2
						3
						4
						5
						6
						7
						8
						9
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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) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

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

Net generation, cost of plant, operation expense and maintenance expense are not tracked separately for each set of wind turbine units; therefore, totals have been included in Line No. 1.

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

Amounts reported for net generation are in kWh.

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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	Missouri (Overhead Lines):							
2	Stilwell	Sibley	345.00	345.00	Wd-H-Frame	5.22		1
3	Sibley	Overton	345.00	345.00	Wd-H-Frame	73.02		1
4	Hawthorn	Nashua-St. Joe	345.00	345.00	Wd-H-Frame	31.33		1
5	River X Iatan	Stranger Creek Jct	345.00	345.00	Tower	0.51		1
6	Iatan	Stranger Creek Jct	345.00	345.00	Wd-H-Frame	1.38		1
7	Hawthorn	Sibley	345.00	345.00	Wd-H-Frame	17.76		1
8	DC River X Hawthorn	Nashua/Sibley	345.00	345.00	Tower	0.57		2
9	River X Hawthorn	Sibley	345.00	345.00	Tower	0.44		1
10	Total 345 Kv					130.23		9
11	Common R/W	Hawthorn Plant	161.00	161.00				
12	Hawthorn	Blue Valley Tower	161.00	161.00	Tower	1.82		1
13	Hawthorn	Leeds Tower	161.00	161.00	Wd-H-Frame	1.37		1
14	Blue Valley Tower	Blue Valley	161.00	161.00	Tower	0.51		3
15	Hawthorn	Randolph-Avon	161.00	161.00	Wd-H-Frame	5.08		1
16	TC River X	Hawthorn	161.00	161.00	Tower	0.54		3
17	DC River X	Northeast	161.00	161.00	Tower	0.36		2
18	Blue Valley	Winchester Jct	161.00	161.00	Wd-H-Frame	7.90		1
19	Leeds Tower	Loma Vista	161.00	161.00	Wd-H-Frame	11.25		1
20	Southtown	Bunker Ridge	161.00	161.00	Wd-H-Frame	3.08		1
21	Northeast	Grand Ave	161.00	161.00	Wd-H-Frame	0.13		1
22	Blue Mills Jct	Blue Mills #2	161.00	161.00	Wood Pole	0.23		1
23	Leeds	Roeland Park	161.00	161.00	Wd-H-Frame	2.31		1
24	DC Southtown	Hickman/Grandview	161.00	161.00	Wd-H-Frame	0.11		2
25	DC Montrose	Loma Vista	161.00	161.00	Tower	0.97		2
26	Grand Ave	Navy-Terrace	161.00	161.00	Wd-H-Frame	1.95		1
27	Common R/W	Hawthorn-Southtown	161.00	161.00				
28	Northeast	Crosstown	161.00	161.00	Stl Pl / Tower	0.19		1
29	Maywood	Weatherby	161.00	161.00	Stl Pl/Wd-H-Fr	5.19		1
30	DC NE-Grand Ave	Hawthorn-Crosstown	161.00	161.00	Tower	0.21		2
31	Henry	Rw Montrose-Stilwell	161.00	161.00	Wd-Pole			1
32	Montrose	Loma Vista #9	161.00	161.00	Wd-H-Frame	57.26		1
33	Montrose	Loma Vista #11	161.00	161.00	Wd-H-Frame	57.29		1
34	Montrose	Stilwell #13	161.00	161.00	Wd-H-Frame	50.00		1
35	Montrose	Archie-Stilwell	161.00	161.00	Wd-H-Frame	48.15		1
36					TOTAL	1,813.24		194

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
TRANSMISSION LINE STATISTICS (Continued)			
<p>7. Do not report the same transmission line structure twice. Report Lower voltage Lines and higher voltage lines as one line. Designate in a footnote if you do not include Lower voltage lines with higher voltage lines. If two or more transmission line structures support lines of the same voltage, report the pole miles of the primary structure in column (f) and the pole miles of the other line(s) in column (g)</p> <p>8. Designate any transmission line or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and terms of Lease, and amount of rent for year. For any transmission line other than a leased line, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars (details) of such matters as percent ownership by respondent in the line, name of co-owner, basis of sharing expenses of the Line, and how the expenses borne by the respondent are accounted for, and accounts affected. Specify whether lessor, co-owner, or other party is an associated company.</p> <p>9. Designate any transmission line leased to another company and give name of Lessee, date and terms of lease, annual rent for year, and how determined. Specify whether lessee is an associated company.</p> <p>10. Base the plant cost figures called for in columns (j) to (l) on the book cost at end of year.</p>			

Size of Conductor and Material (i)	COST OF LINE (Include in Column (j) Land, Land rights, and clearing right-of-way)			EXPENSES, EXCEPT DEPRECIATION AND TAXES				Line No.
	Land (j)	Construction and Other Costs (k)	Total Cost (l)	Operation Expenses (m)	Maintenance Expenses (n)	Rents (o)	Total Expenses (p)	
								1
795M-AL	76,506	506,682	583,188					2
795M-AL	445,796	6,126,905	6,572,701					3
795M-AL	771,067	6,271,566	7,042,633					4
954M-AL		3,269,095	3,269,095					5
954M-AL		554,941	554,941					6
795M-AL	456,349	2,844,778	3,301,127					7
795M-AL	3,592	580,777	584,369					8
795M-AL	27,465	396,367	423,832					9
	1,780,775	20,551,111	22,331,886					10
	52,652		52,652					11
1192M-AL	1,348	326,387	327,735					12
1192M-AL	48,173	560,559	608,732					13
1192M-AL	82,960	291,126	374,086					14
1192M-AL	52,016	1,665,564	1,717,580					15
1192M-AL	2,533	548,053	550,586					16
1192M-AL		171,236	171,236					17
1192M-AL	228,268	1,279,514	1,507,782					18
1192M-AL	208,401	923,413	1,131,814					19
1192M-AL	44,167	365,322	409,489					20
1192M-AL	31,656	668,852	700,508					21
795M-AL		53,208	53,208					22
1192M-AL	76,527	379,468	455,995					23
1192M-AL		77,369	77,369					24
1192M-AL		430,933	430,933					25
1192M-AL	85,667	849,433	935,100					26
	79,514		79,514					27
1192M-AL		204,924	204,924					28
1192M-AL	188,104	451,991	640,095					29
1192M-AL		60,727	60,727					30
								31
1192M-AL	305,069	2,806,537	3,111,606					32
1192M-AL	313,956	3,773,581	4,087,537					33
1192M-AL	144,576	3,387,391	3,531,967					34
1192M-AL	140,512	2,897,970	3,038,482					35
	25,623,471	253,446,664	279,070,135	266,515	2,363,008	2,403,265	5,032,788	36

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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	Southtown	Grandview	161.00	161.00	Wd-H-Frame	7.71		1
2	Stilwell	Hickman	161.00	161.00	Wd-H-Frame	6.64		1
3	Hawthorn	Blue Valley	161.00	161.00	Wd-H-Frame	1.71		1
4	Hawthorn	Missouri City	161.00	161.00	Wd-H-Frame	14.35		1
5	Missouri City	Moberly	161.00	161.00	Wd-H-Frame	90.23		1
6	Salisbury	Norton	161.00	161.00	Wd-H-Frame	22.28		1
7	Norton	Malta Bend-South Waverly	161.00	161.00	Wd-H-Frame	14.18		1
8	Nashua	St Joseph	161.00	161.00	Wd-H-Frame			
9	Montrose	Clinton	161.00	161.00	Wd-H-Frame	12.22		1
10	Midtown	Forest	161.00	161.00	Steel Pole	1.62		1
11	Forest	Southtown	161.00	161.00	Steel Pole	3.24		1
12	Blue Mills Jct	Blue Mills #1	161.00	161.00	Wd-H-Frame	0.21		1
13	Midtown	Crosstown	161.00	161.00	Steel Pole	7.88		1
14	Terrace	State Line	161.00	161.00	Wd-H-Frame	0.78		1
15	Barry	Line Creek	161.00	161.00	Wood Pole	4.19		1
16	Winchester Jct	Southtown	161.00	161.00	Wd-H-Frame	7.47		1
17	Winchester Jct	Swope #1	161.00	161.00	Wd-H-Frame	0.39		1
18	DC NKC	NE / Avondale	161.00	161.00	Steel Pole	1.16		2
19	Northeast	NKC	161.00	161.00	Steel Pole	0.16		1
20	DC Martin City	Redel / Grandview	161.00	161.00	Steel Pole	0.36		2
21	Southtown	Hickman	161.00	161.00	Wd-H-Frame	5.71		1
22	Martin City	Grandview	161.00	161.00	Wd-H-Frame	1.34		1
23	Line Creek	Riverside	161.00	161.00	Wd-Stl-Pole	4.20		1
24	Hawthorn	Independence	161.00	161.00	Steel Pole	1.75		1
25	Birmingham	Claycomo	161.00	161.00	Wd-H-Frame	4.39		1
26	Avondale	NKC	161.00	161.00	Wd-H-Frame	2.14		1
27	Northeast	Avondale	161.00	161.00	Wd-H-Frame	2.10		1
28	Avondale Jct	Riverside	161.00	161.00	Wd-St PI/H Fr	4.47		1
29	Northeast	Grand West	161.00	161.00	Steel Pole	1.51		1
30	Bunker Ridge	Loma Vista	161.00	161.00	Wd-H-Frame	0.78		1
31	DC Bunker Ridge	Southtown/Loma Vista	161.00	161.00	Steel Pole	1.31		2
32	Weatherby	Tiffany	161.00	161.00	Stl PI/Wd-H-Fr	3.95		1
33	Tiffany	Roanridge	161.00	161.00	Steel Pole	1.64		1
34	Roanridge	Barry	161.00	161.00	Steel Pole	2.35		1
35	Roanridge	Nashua	161.00	161.00	Stl PI/Wd-H-Fr	4.99		1
36					TOTAL	1,813.24		194

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
TRANSMISSION LINE STATISTICS (Continued)			
<p>7. Do not report the same transmission line structure twice. Report Lower voltage Lines and higher voltage lines as one line. Designate in a footnote if you do not include Lower voltage lines with higher voltage lines. If two or more transmission line structures support lines of the same voltage, report the pole miles of the primary structure in column (f) and the pole miles of the other line(s) in column (g)</p> <p>8. Designate any transmission line or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and terms of Lease, and amount of rent for year. For any transmission line other than a leased line, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars (details) of such matters as percent ownership by respondent in the line, name of co-owner, basis of sharing expenses of the Line, and how the expenses borne by the respondent are accounted for, and accounts affected. Specify whether lessor, co-owner, or other party is an associated company.</p> <p>9. Designate any transmission line leased to another company and give name of Lessee, date and terms of lease, annual rent for year, and how determined. Specify whether lessee is an associated company.</p> <p>10. Base the plant cost figures called for in columns (j) to (l) on the book cost at end of year.</p>			

Size of Conductor and Material (i)	COST OF LINE (Include in Column (j) Land, Land rights, and clearing right-of-way)			EXPENSES, EXCEPT DEPRECIATION AND TAXES				Line No.
	Land (j)	Construction and Other Costs (k)	Total Cost (l)	Operation Expenses (m)	Maintenance Expenses (n)	Rents (o)	Total Expenses (p)	
1192M-AL	26,674	952,886	979,560					1
1192M-AL	202,848	885,932	1,088,780					2
1192M-AL		143,189	143,189					3
556M-AL	54,414	1,682,189	1,736,603					4
556M-AL	111,599	4,348,302	4,459,901					5
795M-AL	69,438	1,501,258	1,570,696					6
795M-AL	68,625	895,612	964,237					7
								8
795M-AL	70,936	1,864,418	1,935,354					9
1192M-AL		462,310	462,310					10
1192M-AL		817,929	817,929					11
795M-AL	2,839	25,805	28,644					12
1192M-AL	1,910,102	6,436,424	8,346,526					13
1192M-AL		273,908	273,908					14
1192M-AL	356,681	538,125	894,806					15
1192M-AL	26,316	1,258,704	1,285,020					16
1192M-AL	20,400	165,304	185,704					17
1192M-AL	85,589	905,470	991,059					18
1192M-AL		151,542	151,542					19
1192M-AL		219,013	219,013					20
1192M-AL	73,499	887,791	961,290					21
1192M-AL		112,884	112,884					22
1192M-AL	1,195,041	1,204,296	2,399,337					23
1192M-AL	6	15	21					24
1192M-AL	122,386	1,463,521	1,585,907					25
1192M-AL		244,264	244,264					26
1192M-AL		112,511	112,511					27
1192M-AL	76,838	1,089,378	1,166,216					28
1192M-AL	37,215	1,140,396	1,177,611					29
1192M-AL	77,428	84,905	162,333					30
1192M-AL		428,525	428,525					31
1192M-AL	112,393	450,485	562,878					32
1192M-AL	44,957	360,450	405,407					33
1192M-AL	95,111	574,894	670,005					34
1192M-AL	188,750	411,620	600,370					35
	25,623,471	253,446,664	279,070,135	266,515	2,363,008	2,403,265	5,032,788	36

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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	DC Roanridge	Barry/Nashua	161.00	161.00	Steel Pole	0.95		2
2	Hawthorn	Leeds #27	161.00	161.00	StlPI/Stl-H-Fr	6.19		1
3	Gladstone	Shoal Creek	161.00	161.00	Wd/Stl Pole	3.70		1
4	Shoal Creek	Nashua	161.00	161.00	Wd-H-Frame	6.85		1
5	Shoal Creek	Claycomo	161.00	161.00	Wd/Stl Pole	4.33		1
6	Hawthorn	Levee	161.00	161.00	Steel Pole	0.36		1
7	Levee	Northeast #17	161.00	161.00	Stl PIWd-H-Fr	5.32		1
8	Hawthorn	Chouteau	161.00	161.00	Stl/Wd-H-Fr	2.85		1
9	Chouteau	Northeast #5	161.00	161.00	Wd-H-Frame	2.37		1
10	DC Hawthorn	Leeds/Chouteau	161.00	161.00	Steel Pole	0.39		2
11	Malta Bend	S Waverly	161.00	161.00		7.63		1
12	Martin City	Redel	161.00	161.00	Wd-H-Fr	0.62		1
13	Leeds	Independence	161.00	161.00	Steel Pole	1.15		1
14	DC Leeds	Hawthorn/Independence	161.00	161.00	Steel Pole	1.03		2
15	Winchester Jct	Swope #2	161.00	161.00	Wd-H-Fr	0.48		1
16	Avondale	Gladstone	161.00	161.00	Wd Pole/H-Fr	5.74		1
17	Southtown	Bendix	161.00	161.00	Wd-H-Fr	1.35		1
18	Bendix	Tomahawk	161.00	161.00	Wd-H-Frame	4.15		1
19	Tomahawk	Mission Jct	161.00	161.00	Wd-H-Frame	3.14		1
20	Total 161 Kv					553.91		90
21	Various 66 Kv					68.80		
22	Total 66 Kv					68.80		
23	Various 33 Kv					166.17		
24	Total 33 Kv					166.17		
25	Underground Lines:							
26	Grand Ave	Guinotte Ts	161.00	161.00	Ug Const	4.04		1
27	Midtown	Brush Creek Ts	161.00	161.00	Ug Const	6.25		1
28	Midtown	Roe Ts	161.00	161.00	Ug Const	6.00		1
29	Grand Ave	Crosstown	161.00	161.00	Ug Const	5.83		1
30	Crosstown	Guinotte TS	161.00	161.00	Ug Const	7.84		1
31	Grand Ave	Navy/Terrace	161.00	161.00	Ug Const	0.56		1
32	Total 161 Kv Underground					30.52		6
33								
34								
35	Kansas (Overhead Lines)							
36					TOTAL	1,813.24		194

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
TRANSMISSION LINE STATISTICS (Continued)			
<p>7. Do not report the same transmission line structure twice. Report Lower voltage Lines and higher voltage lines as one line. Designate in a footnote if you do not include Lower voltage lines with higher voltage lines. If two or more transmission line structures support lines of the same voltage, report the pole miles of the primary structure in column (f) and the pole miles of the other line(s) in column (g)</p> <p>8. Designate any transmission line or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and terms of Lease, and amount of rent for year. For any transmission line other than a leased line, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars (details) of such matters as percent ownership by respondent in the line, name of co-owner, basis of sharing expenses of the Line, and how the expenses borne by the respondent are accounted for, and accounts affected. Specify whether lessor, co-owner, or other party is an associated company.</p> <p>9. Designate any transmission line leased to another company and give name of Lessee, date and terms of lease, annual rent for year, and how determined. Specify whether lessee is an associated company.</p> <p>10. Base the plant cost figures called for in columns (j) to (l) on the book cost at end of year.</p>			

Size of Conductor and Material (i)	COST OF LINE (Include in Column (j) Land, Land rights, and clearing right-of-way)			EXPENSES, EXCEPT DEPRECIATION AND TAXES				Line No.
	Land (j)	Construction and Other Costs (k)	Total Cost (l)	Operation Expenses (m)	Maintenance Expenses (n)	Rents (o)	Total Expenses (p)	
1192M-AL		514,888	514,888					1
1192M-AL	822,714	3,539,571	4,362,285					2
1192M-AL	134,856	811,837	946,693					3
1192M-AL	845,342	1,300,546	2,145,888					4
1192M-AL	197,910	581,293	779,203					5
1192M-AL		204,426	204,426					6
1192M-AL	12,198	1,446,958	1,459,156					7
1192M-AL	31,708	1,200,858	1,232,566					8
1192M-AL	19,393	992,620	1,012,013					9
1192M-AL		490,453	490,453					10
	29,156	248,484	277,640					11
1192M-AL		48,266	48,266					12
1192M-AL	9	4	13					13
1192M-AL		122,935	122,935					14
1192M-AL		229,104	229,104					15
1192M-AL	5,970	1,113,462	1,119,432					16
1192M-AL	51,926	443,901	495,827					17
1192M-AL	80,782	694,157	774,939					18
1192M-AL	24,504	424,905	449,409					19
	9,372,652	68,676,481	78,049,133					20
	458,508	15,081,546	15,540,054					21
	458,508	15,081,546	15,540,054					22
	300,726	14,064,089	14,364,815					23
	300,726	14,064,089	14,364,815					24
								25
2500M-CO		535,502	535,502					26
2500M-CO		995,631	995,631					27
2500M-CO		1,218,806	1,218,806					28
2500M-CO		1,063,478	1,063,478					29
2500M-CO		1,350,708	1,350,708					30
2500M-CO		148,974	148,974					31
		5,313,099	5,313,099					32
								33
								34
								35
	25,623,471	253,446,664	279,070,135	266,515	2,363,008	2,403,265	5,032,788	36

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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	Swissvale	Stilwell	345.00	345.00	Wd-H-Frame	34.51		1
2	Stilwell	Sibley	345.00	345.00	Wd-H-Frame	3.05		1
3	LaCygne	Stilwell	345.00	345.00	Wd-H-Frame	30.78		1
4	LaCygne	W. Gardner	345.00	345.00	Wd-H-Frame	40.38		1
5	DC Craig	Gardner/Cedar Ck	345.00	345.00	Steel Pole	2.06		2
6	River X latan	Stranger Creek Jct	345.00	345.00	Tower	0.40		1
7	latan	Stranger Creek Jct	345.00	345.00	Wd-H-Frame	11.90		1
8	Stranger Creek Jct	Craig	345.00	345.00	Wd-H-Frame	28.14		1
9	Craig	W. Gardner	345.00	345.00	Wd-H-Frame	16.19		1
10	DC W Gardner	LaCygne/Craig	345.00	345.00	Steel Pole	0.05		2
11	DC W Gardner	LaCygne/Ottawa	345.00	345.00	St Pole/H-Fr	0.49		2
12	Wolf Creek		345.00	345.00				
13	Total 345 Kv					167.95		14
14	Leeds	Roeland Pk	161.00	161.00	Wd-H-Frame	0.17		1
15	Greenwood	Shawnee	161.00	161.00	Wd-H-Frame	3.12		1
16	Oxford	Olathe	161.00	161.00	Steel Pole	3.08		1
17	Mission Jct	Kenilworth	161.00	161.00	Wd-H-Frame	4.79		1
18	Overland Pk	Roeland Pk	161.00	161.00	Wd-H-Frame	9.43		1
19	Common R/W	Shawnee-Fisher Jct	161.00	161.00				
20	Maywood	Weatherby	161.00	161.00	Wd-H-Frame	5.77		1
21	Montrose	Stilwell #13	161.00	161.00	Wd-H-Frame	3.26		1
22	Montrose	Archie-Stilwell	161.00	161.00	Wd-H-Frame	3.14		1
23	Stilwell	Hickman	161.00	161.00	Wd-H-Frame	6.94		1
24	Brookridge	Overland Pk	161.00	161.00	Wd-H-Frame	2.04		1
25	Stilwell	Antioch	161.00	161.00	Wd-H-Frame	8.45		1
26	Wagstaff	Centennial	161.00	161.00	Wd-H-Frame	11.33		1
27	Paola	Marmaton	161.00	161.00	Wd-H-Frame	51.53		1
28	Paola	S. Ottawa	161.00	161.00	Wd-H-Frame	21.81		1
29	Merriam	Greenwood	161.00	161.00	Wd-H-Frame	4.73		1
30	Greenwood	Midland	161.00	161.00	Wd-H-Frame	2.23		1
31	Greenwood	Metropolitan	161.00	161.00	Wd-H-Frame	4.98		1
32	Kenilworth	Lenexa	161.00	161.00	Wood Pole	11.43		1
33	College	Olathe	161.00	161.00	Wood Pole	3.72		1
34	Craig	Lenexa	161.00	161.00	Steel Pole	0.22		1
35	Craig	College	161.00	161.00	Wd-H-Frame	0.47		1
36					TOTAL	1,813.24		194

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
TRANSMISSION LINE STATISTICS (Continued)			
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Size of Conductor and Material (i)	COST OF LINE (Include in Column (j) Land, Land rights, and clearing right-of-way)			EXPENSES, EXCEPT DEPRECIATION AND TAXES				Line No.
	Land (j)	Construction and Other Costs (k)	Total Cost (l)	Operation Expenses (m)	Maintenance Expenses (n)	Rents (o)	Total Expenses (p)	
795M-AL	207,326	3,174,408	3,381,734					1
795M-AL	37,478	294,818	332,296					2
795M-AL	369,948	9,786,441	10,156,389					3
954M-AL	681,536	13,261,894	13,943,430					4
954M-AL		803,493	803,493					5
954M-AL		559,252	559,252					6
954M-AL	447,286	3,340,245	3,787,531					7
954M-AL	1,313,316	4,324,929	5,638,245					8
954M-AL	1,135,735	1,302,665	2,438,400					9
954M-AL		75,237	75,237					10
954M-AL		369,569	369,569					11
	355	103,731	104,086					12
	4,192,980	37,396,682	41,589,662					13
1192M-AL	1,783	24,020	25,803					14
1192M-AL	7,793	306,456	314,249					15
1192M-AL	43,596	234,725	278,321					16
1192M-AL	113,727	466,594	580,321					17
556M-AL	280,583	3,809,055	4,089,638					18
	17,541		17,541					19
1192M-AL	159,387	787,316	946,703					20
1192M-AL	10,350	233,736	244,086					21
1192M-AL	9,967	94,796	104,763					22
1192M-AL	58,747	868,861	927,608					23
1192M-AL	39,850	898,636	938,486					24
1192M-AL	70,033	2,104,293	2,174,326					25
397M-AL	27,346	1,658,719	1,686,065					26
336M-AL	50,149	7,011,114	7,061,263					27
397M-AL	32,288	1,530,306	1,562,594					28
477M-AL	341,849	581,281	923,130					29
795M-AL	130,229	316,318	446,547					30
1192M-AL	362,037	699,200	1,061,237					31
1192M-AL	178,955	1,169,247	1,348,202					32
1192M-AL		284,381	284,381					33
954M-AL		26,461	26,461					34
1192M-AL	82,697	534,891	617,588					35
	25,623,471	253,446,664	279,070,135	266,515	2,363,008	2,403,265	5,032,788	36

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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TRANSMISSION LINE STATISTICS

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Line No.	DESIGNATION		VOLTAGE (KV) (Indicate where other than 60 cycle, 3 phase)		Type of Supporting Structure (e)	LENGTH (Pole miles) (In the case of underground lines report circuit miles)		Number Of Circuits (h)
	From (a)	To (b)	Operating (c)	Designed (d)		On Structure of Line Designated (f)	On Structures of Another Line (g)	
1	Craig	Greenwood #3	161.00	161.00	Wd-H-Frame	3.98		1
2	DC Craig-Greenwood	Lenexa-Kenilworth	161.00	161.00	Steel Pole	0.11		2
3	DC Craig	Lenexa/Greenwood	161.00	161.00	Steel Pole	2.73		2
4	DC Moonlight	Murlen/Gardner	161.00	161.00	Stl-Wd-Pole	0.39		2
5	Moonlight	W. Gardner	161.00	161.00	Steel Pole	6.34		1
6	Switzer	Riley	161.00	161.00	Steel Pole	1.82		1
7	Switzer	Olathe	161.00	161.00	Steel Pole	4.59		1
8	DC Switzer	Riley/Olathe	161.00	161.00	Steel Pole	0.22		2
9	DC Oxford	Antioch/Olathe	161.00	161.00	Wood Pole	1.30		2
10	Olathe	Murlen	161.00	161.00	Stl-Wd-Pole	4.58		1
11	Kenilworth	Overland Pk	161.00	161.00	Wd-H-Frame	3.28		1
12	DC Overland Pk	Brookrdg/Kenilworth	161.00	161.00	Wd-H-Frame	0.12		2
13	Centennial	Paola	161.00	161.00	Wood Pole	2.86		1
14	Gardner	Ottawa	161.00	161.00	Wd-H-Frame	24.34		1
15	Stilwell	Spring Hill	161.00	161.00	Wd-H-Frame	9.35		1
16	DC Stilwell	Redel/Spring Hill	161.00	161.00	Wd-H-Frame	1.31		2
17	Antioch	Oxford	161.00	161.00	Wd-H-Frame	4.90		1
18	W Gardner	Cedar Creek	161.00	161.00	Stl Pl/Stl-H-F	14.46		1
19	Martin City	Redel	161.00	161.00	Wd-H-Frame	2.74		1
20	Redel	Stilwell	161.00	161.00	Wd-H-Frame	4.21		1
21	Craig	Pflumm	161.00	161.00	Steel Pole	4.99		1
22	Pflumm	Overland Park	161.00	161.00	Steel Pole	1.83		1
23	Metropolitan	Maywood	161.00	161.00	Stl-Wd-H-Fr	5.60		1
24	Cedar Creek	Greenwood	161.00	161.00	Stl-Wd-Pole	9.89		1
25	DC Craig	Overland Park/College	161.00	161.00	Steel Pole	1.77		2
26	Lenexa Tap	Craig-Greenwood	161.00	161.00	Steel Pole	0.06		1
27	DC Riley	Brookridge/Switzer	161.00	161.00	Steel Pole	1.53		2
28	Brookridge	Riley	161.00	161.00	Steel Pole	2.56		1
29	Craig	Cedar Creek	161.00	161.00	Stl-Wd-H-Fr	1.30		1
30	Tomahawk	Mission Jct	161.00	161.00	Wd-H-Frame	1.73		1
31	Riley	Sprint	161.00	161.00	Steel Pole	0.90		1
32	Sprint	Mission Jct	161.00	161.00	Steel Pole	2.63		1
33	Bucyrus	Wagstaff	161.00	161.00	Wd-H-Frame	4.22		1
34	Stilwell	Bucyrus	161.00	161.00	Wd-H-Frame	3.05		1
35	Bucyrus	N Louisburg	161.00	161.00	Steel Pole	7.85		1
36					TOTAL	1,813.24		194

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
TRANSMISSION LINE STATISTICS (Continued)			
<p>7. Do not report the same transmission line structure twice. Report Lower voltage Lines and higher voltage lines as one line. Designate in a footnote if you do not include Lower voltage lines with higher voltage lines. If two or more transmission line structures support lines of the same voltage, report the pole miles of the primary structure in column (f) and the pole miles of the other line(s) in column (g)</p> <p>8. Designate any transmission line or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and terms of Lease, and amount of rent for year. For any transmission line other than a leased line, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars (details) of such matters as percent ownership by respondent in the line, name of co-owner, basis of sharing expenses of the Line, and how the expenses borne by the respondent are accounted for, and accounts affected. Specify whether lessor, co-owner, or other party is an associated company.</p> <p>9. Designate any transmission line leased to another company and give name of Lessee, date and terms of lease, annual rent for year, and how determined. Specify whether lessee is an associated company.</p> <p>10. Base the plant cost figures called for in columns (j) to (l) on the book cost at end of year.</p>			

Size of Conductor and Material (i)	COST OF LINE (Include in Column (j) Land, Land rights, and clearing right-of-way)			EXPENSES, EXCEPT DEPRECIATION AND TAXES				Line No.
	Land (j)	Construction and Other Costs (k)	Total Cost (l)	Operation Expenses (m)	Maintenance Expenses (n)	Rents (o)	Total Expenses (p)	
1192M-AL	151,667	226,775	378,442					1
1192M-AL	77,465	105,989	183,454					2
1192M-AL	443,416	808,963	1,252,379					3
1192M-AL	4,753	174,943	179,696					4
1192M-AL	128,482	913,258	1,041,740					5
1192M-AL	19,114	516,447	535,561					6
1192M-AL	33,616	2,591,007	2,624,623					7
1192M-AL	105,478	136,435	241,913					8
1192M-AL	123,083	432,663	555,746					9
1192M-AL	253,076	469,613	722,689					10
1192M-AL	166,187	674,120	840,307					11
556M-AL	8,588	67,273	75,861					12
1192M-AL		405,443	405,443					13
1192M-AL	591,458	3,769,481	4,360,939					14
1192M-AL	353,000	1,924,670	2,277,670					15
1192M-AL		571,565	571,565					16
1192M-AL		1,433,019	1,433,019					17
1192M-AL	301,786	3,644,673	3,946,459					18
1192M-AL	2,838	390,654	393,492					19
1192M-AL	4,647	843,349	847,996					20
954M-AL	430,140	3,464,497	3,894,637					21
954M-AL	175,242	1,358,783	1,534,025					22
1192M-AL		936,225	936,225					23
1192M-AL	368,060	1,753,723	2,121,783					24
1192M-AL	235,117	977,135	1,212,252					25
1192M-AL		31,755	31,755					26
1192M-AL	1,382,519	920,621	2,303,140					27
1192M-AL	26,805	702,929	729,734					28
1192M-AL		310,977	310,977					29
1192M-AL	80,554	439,181	519,735					30
1192M-AL		300,706	300,706					31
1192M-AL		820,623	820,623					32
1192M-AL	11,139	571,623	582,762					33
1192M-AL		562,714	562,714					34
1192M-AL	381,708	2,559,953	2,941,661					35
	25,623,471	253,446,664	279,070,135	266,515	2,363,008	2,403,265	5,032,788	36

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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	Paola	Osawatomie	161.00	161.00	Steel Pole	0.32		1
2	W Gardner	Cedar Niles	161.00	161.00	Steel Pole	8.20		1
3	DC SE Ottawa	Gardner/S Ottawa	161.00	161.00	Stl-H-Frame	1.34		2
4	Moonlight	Quarry	161.00	161.00	Wd-Stl Pole	4.82		1
5	Quarry	Murlen	161.00	161.00	Wd/Stl Pole	5.62		1
6	SE Ottawa	S Ottawa	161.00	161.00	Wd Frm/Stl Pl	1.46		1
7	W Gardner	Bull Creek	161.00	161.00		0.26		1
8	Underground Lines:							
9	Midtown	Roe	161.00	161.00	Ug Const	5.51		1
10	Total 161 Kv					333.71		74
11	Windfarm	Spearville	230.00	230.00	Steel Pole	0.31		1
12	Total 230 Kv					0.31		1
13	Various 66 Kv					3.01		
14	Total 66 Kv					3.01		
15	Various 33 Kv					358.63		
16	Total 33 Kv					358.63		
17	Transmission Line Expenses							
18	Overhead							
19	Underground							
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36					TOTAL	1,813.24		194

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
TRANSMISSION LINE STATISTICS (Continued)			
<p>7. Do not report the same transmission line structure twice. Report Lower voltage Lines and higher voltage lines as one line. Designate in a footnote if you do not include Lower voltage lines with higher voltage lines. If two or more transmission line structures support lines of the same voltage, report the pole miles of the primary structure in column (f) and the pole miles of the other line(s) in column (g)</p> <p>8. Designate any transmission line or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and terms of Lease, and amount of rent for year. For any transmission line other than a leased line, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars (details) of such matters as percent ownership by respondent in the line, name of co-owner, basis of sharing expenses of the Line, and how the expenses borne by the respondent are accounted for, and accounts affected. Specify whether lessor, co-owner, or other party is an associated company.</p> <p>9. Designate any transmission line leased to another company and give name of Lessee, date and terms of lease, annual rent for year, and how determined. Specify whether lessee is an associated company.</p> <p>10. Base the plant cost figures called for in columns (j) to (l) on the book cost at end of year.</p>			

Size of Conductor and Material (i)	COST OF LINE (Include in Column (j) Land, Land rights, and clearing right-of-way)			EXPENSES, EXCEPT DEPRECIATION AND TAXES				Line No.
	Land (j)	Construction and Other Costs (k)	Total Cost (l)	Operation Expenses (m)	Maintenance Expenses (n)	Rents (o)	Total Expenses (p)	
954M-AL		222,129	222,129					1
1192M-AL	629,412	2,929,962	3,559,374					2
1192M-AL		67	67					3
1192M-AL	241,093	628,541	869,634					4
1192M-AL	241,093	3,216,315	3,457,408					5
1192M-AL		444,155	444,155					6
954M-AL		90,512	90,512					7
								8
2500M-CO		721,097	721,097					9
	8,990,443	67,704,969	76,695,412					10
1192M-AL		401,068	401,068					11
		401,068	401,068					12
		415,977	415,977					13
		415,977	415,977					14
	527,387	23,841,642	24,369,029					15
	527,387	23,841,642	24,369,029					16
								17
				260,361	2,287,700	2,403,265	4,951,326	18
				6,154	75,308		81,462	19
								20
								21
								22
								23
								24
								25
								26
								27
								28
								29
								30
								31
								32
								33
								34
								35
	25,623,471	253,446,664	279,070,135	266,515	2,363,008	2,403,265	5,032,788	36

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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 Lines Added for						
2	2016						
3							
4							
5							
6							
7							
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11							
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40							
41							
42							
43							
44	TOTAL						

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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TRANSMISSION LINES ADDED DURING YEAR (Continued)

costs. Designate, however, if estimated amounts are reported. Include costs of Clearing Land and Rights-of-Way, and Roads and Trails, in column (l) with appropriate footnote, and costs of Underground Conduit in column (m).

3. If design voltage differs from operating voltage, indicate such fact by footnote; also where line is other than 60 cycle, 3 phase, indicate such other characteristic.

CONDUCTORS			Voltage KV (Operating) (k)	LINE COST					Line No.
Size (h)	Specification (i)	Configuration and Spacing (j)		Land and Land Rights (l)	Poles, Towers and Fixtures (m)	Conductors and Devices (n)	Asset Retire. Costs (o)	Total (p)	
									1
									2
									3
									4
									5
									6
									7
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									44

SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.
2. Substations which serve only one industrial or street railway customer should not be listed below.
3. Substations with capacities of Less than 10 MVA except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.
4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	10-Birmingham - Northland District	AC Distribution	161.00	13.00	
2					
3	11-Barry - Northland District	AC Distribution	161.00	13.00	
4					
5	12-Brookridge - Johnson County District	AC Distribution	161.00	13.00	
6					
7	13-Shawnee - Johnson County District	AC Distribution	161.00	13.00	
8					
9	15-Grand Avenue - F&M District	AC Distribution	161.00	13.00	
10					
11	15W-Grand Avenue West - F&M District	AC Distribution	161.00	13.00	
12					
13	16-Stilwell - Southland District	AC Transmission	345.00	161.00	13.00
14		AC Distribution	161.00	13.00	
15	17-Navy - F&M District	AC Distribution	161.00	13.00	
16					
17	19-Riley - Southland District	AC Distribution	161.00	13.00	
18					
19	20-Reeder - Johnson County District	AC Distribution	161.00	13.00	
20					
21	22-Switzer - Southland District	AC Distribution	161.00	13.00	
22					
23	23-Southtown - Dodson District	AC Distribution	161.00	13.00	
24					
25	24-Crosstown - F&M District	AC Distribution	161.00	13.00	
26					
27	25-Glasgow - East District	AC Distribution	34.00	13.00	
28					
29	27-Avondale - Northland District	AC Distribution	161.00	13.00	
30					
31	28-Sweet Springs - East District	AC Distribution	34.00	13.00	
32					
33	29-Lenexa - Johnson County District	AC Distribution	161.00	13.00	
34					
35	30-Swope - Dodson District	AC Distribution	161.00	13.00	
36					
37	31-Forest - Dodson District	AC Distribution	161.00	13.00	
38					
39	35-Loma Vista - Dodson District	AC Distribution	161.00	13.00	
40					

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SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
50	2					1
						2
97	3					3
						4
206	4					5
						6
50	2					7
						8
160	2					9
						10
50	1					11
						12
1100	2					13
34	1					14
34	1					15
						16
204	6					17
						18
67	2					19
						20
127	4					21
						22
165	5					23
						24
206	4					25
						26
19	2					27
						28
190	4					29
						30
19	2					31
						32
134	3					33
						34
60	2					35
						36
134	3					37
						38
120	3					39
						40

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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	37-Terrace - F&M District	AC Distribution	161.00	13.00	
2					
3	38-Oxford - Southland District	AC Distribution	161.00	13.00	
4					
5	39-Tiffany - Northland District	AC Distribution	161.00	13.00	
6					
7	41-Olathe - Southland District	AC Distribution	161.00	13.00	
8					
9	42-Brunswick - East District	AC Transmission	161.00	34.00	13.00
10		AC Distribution	34.00	13.00	
11	44-Chouteau - F&M District	AC Distribution	161.00	13.00	
12					
13	46-South Ottawa - South District	AC Transmission	161.00	34.00	
14		AC Distribution	34.00	13.00	
15	47-Overland Park - Johnson County District	AC Distribution	161.00	13.00	
16					
17	48-Tomahawk - Dodson District	AC Distribution	161.00	13.00	
18					
19	49-Weatherby - Northland District	AC Distribution	161.00	13.00	
20					
21	50-Kenilworth - Johnson County District	AC Distribution	161.00	13.00	
22					
23	51-Cedar Creek - Johnson County District	AC Distribution	161.00	13.00	
24					
25	52-Claycomo - Northland District	AC Distribution	161.00	13.00	
26					
27	53-Blue Valley - F&M District	AC Distribution	161.00	13.00	
28					
29	55-Paola - South District	AC Transmission	161.00	34.00	
30					
31	56-Hickman - Dodson District	AC Distribution	161.00	13.00	
32					
33	57-Courtney - F&M District	AC Distribution	69.00	13.00	
34					
35	61-Leeds - Dodson District	AC Distribution	161.00	13.00	
36					
37	63-Line Creek - Northland District	AC Distribution	161.00	13.00	
38					
39	64-Nashua - Northland District	AC Transmission	345.00	161.00	
40					

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SUBSTATIONS (Continued)

5. Show in columns (l), (j), and (k) special equipment such as rotary converters, rectifiers, condensers, etc. and auxiliary equipment for increasing capacity.

6. Designate substations or major items of equipment leased from others, jointly owned with others, or operated otherwise than by reason of sole ownership by the respondent. For any substation or equipment operated under lease, give name of lessor, date and period of lease, and annual rent. For any substation or equipment operated other than by reason of sole ownership or lease, give name of co-owner or other party, explain basis of sharing expenses or other accounting between the parties, and state amounts and accounts affected in respondent's books of account. Specify in each case whether lessor, co-owner, or other party is an associated company.

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
101	3					1
						2
131	4					3
						4
92	3					5
						6
201	5					7
						8
17	1					9
9	1					10
63	2					11
						12
97	3	1				13
14	2					14
88	3					15
						16
117	3					17
						18
134	3					19
						20
206	4					21
						22
97	3					23
						24
180	4					25
						26
240	4	1				27
						28
67	2					29
						30
117	3					31
						32
17	3					33
						34
156	3					35
						36
97	3					37
						38
650	1					39
						40

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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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	65-Antioch - Southland District	AC Distribution	161.00	13.00	
2					
3	66-Martin City - Dodson District	AC Distribution	161.00	13.00	
4					
5	67-Lakeview - South District	AC Distribution	34.00	13.00	
6					
7	68-Roeland Park - Johnson County District	AC Distribution	161.00	13.00	
8					
9	69-Moonlight - Southland District	AC Distribution	161.00	13.00	
10					
11	70-Shoal Creek - Northland District	AC Distribution	161.00	13.00	
12					
13	71-Randolph - Northland District	AC Distribution	161.00	13.00	
14					
15	72-Craig - Johnson County District	AC Transmission	345.00	161.00	13.00
16					
17	73-Centennial - South District	AC Distribution	161.00	13.00	
18					
19	74-Northeast GSU - Units 11-18	AC Transmission	13.00	161.00	
20	- F&M District	AC Distribution	161.00	13.00	
21	75-Midtown - Dodson District	AC Distribution	161.00	13.00	
22					
23	78-Gladstone - Northland District	AC Distribution	161.00	13.00	
24		AC Transmission	161.00	69.00	
25	79-Blue Mills - F&M District	AC Distribution	161.00	69.00	13.00
26		AC Distribution	161.00	13.00	
27	81-West Gardner - Southland District	AC Transmission	345.00	161.00	13.00
28		AC Transmission	161.00	34.00	
29	82-Murlen - Southland District	AC Distribution	161.00	13.00	
30					
31	83-Salisbury - East District	AC Transmission	161.00	34.00	13.00
32		AC Transmission	161.00	34.00	
33	84-Bunker Ridge - Dodson District	AC Distribution	161.00	13.00	
34					
35	86-Blue Springs - F&M District	AC Distribution	69.00	13.00	
36					
37	90-College - Johnson County District	AC Distribution	161.00	13.00	
38					
39	91-Merriam - Johnson County District	AC Distribution	161.00	13.00	
40					

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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)	
67	2					1
						2
97	3					3
						4
19	2					5
						6
134	3					7
						8
60	2					9
						10
67	2					11
						12
64	2					13
						14
1500	3					15
						16
64	2					17
						18
507	4					19
207	5					20
198	4					21
						22
150	3					23
		1				24
80	1					25
20	1					26
600	1	1				27
25	1					28
131	4					29
						30
30	1					31
50	2					32
45	2					33
						34
10	3	1				35
						36
134	4					37
						38
156	3					39
						40

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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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	93-Shawnee Mission - Johnson County District	AC Distribution	161.00	13.00	
2					
3	94-North Kansas City - Northland District	AC Distribution	161.00	13.00	
4					
5	95-Norton - East District	AC Transmission	161.00	34.00	
6					
7	96-Hawthorn - F&M District	AC Transmission			
8					
9	Hawthorn GSU - Unit 5	AC Transmission	21.00	161.00	
10	Hawthorn GSU - Unit 6	AC Transmission	16.00	161.00	
11	Hawthorn GSU - Unit 9	AC Transmission	13.00	161.00	
12	Hawthorn Bank 1	AC Transmission	66.00	13.00	
13	Hawthorn Bank 2 & 32	AC Distribution	161.00	13.00	
14	Hawthorn Bank 11 & 12	AC Transmission	159.00	66.00	
15	Hawthorn Bank 20	AC Transmission	161.00	345.00	21.00
16	Hawthorn Bank 22	AC Transmission	161.00	345.00	13.00
17	98-Riverside - Northland District	AC Distribution	161.00	13.00	
18		AC Distribution	69.00	13.00	
19	104-Carrollton - East District	AC Transmission	161.00	34.00	
20		AC Distribution	34.00	13.00	
21	108-Centerville - South District	AC Transmission	161.00	34.00	
22					
23	112-Montrose Station	AC Transmission			
24	- East District				
25	Montrose Station GSU - Unit 1	AC Transmission	22.00	161.00	
26	Montrose Station GSU - Unit 2	AC Transmission	22.00	161.00	
27	Montrose Station GSU - Unit 3	AC Transmission	22.00	161.00	
28	113-Wagstaff - South District	AC Transmission	161.00	34.00	
29					
30	114-Lackman - Southland District	AC Distribution	161.00	13.00	
31					
32	115-Redel - Southland District	AC Distribution	161.00	13.00	
33					
34	117-Bucyrus - South District	AC Distribution	161.00	13.00	
35					
36	118-Duncan - F&M District	AC Transmission	161.00	69.00	
37		AC Distribution	161.00	13.00	
38	121-North Louisburg - South District	AC Distribution	161.00	13.00	
39					
40	125-Pflumm - Johnson County District	AC Distribution	161.00	13.00	

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)	
97	3					1
						2
113	3					3
						4
17	1					5
						6
						7
						8
650	1	1				9
200	1					10
147	1					11
		1				12
160	2					13
60	2					14
500	1					15
550	1					16
58	2					17
		1				18
67	2	1				19
4	1					20
50	2					21
						22
						23
						24
210	1	1				25
195	1					26
220	1					27
25	1					28
						29
34	1					30
						31
64	2					32
						33
67	2					34
						35
60	1					36
33	1					37
34	1					38
						39
67	2					40

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
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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					
2	127-South Waverly - East District	AC Transmission	161.00	69.00	
3		AC Transmission	161.00	34.00	
4	128-Quarry - Southland District	AC Distribution	161.00	13.00	
5					
6	132-Cedar Niles - South District	AC Distribution	161.00	13.00	
7					
8	136-Malta Bend - East District	AC Distribution	161.00	13.00	
9					
10	137-Pleasant Valley - South District	AC Transmission	161.00	34.00	
11					
12	139-Troost - F&M District	AC Distribution	161.00	13.00	
13					
14	161-BNSF - Southland District	AC Distribution	161.00	13.00	
15					
16	472-Baldwin - South District	AC Distribution	34.00	13.00	
17					
18	474-Linn Valley - South District	AC Distribution	34.00	13.00	
19					
20	478-Michigan Valley - South District	AC Distribution	34.00	13.00	
21					
22	482-Chiles - South District	AC Distribution	34.00	13.00	
23					
24	484-Walmart - South District	AC Distribution	34.00	13.00	
25					
26	498-Plummer - Northland District	AC Distribution	69.00	13.00	
27					
28	650-Tina Pipeline - East District	AC Distribution	34.00	4.00	
29					
30	651-Salisbury Pipeline - East District	AC Distribution	34.00	4.00	
31					
32	652-LaCygne Lake - South District	AC Transmission	69.00	34.00	
33					
34	704-La Cygne GSU - Unit 1 & 2	AC Transmission			
35	- South District				
36	La Cygne Station GSU - Unit 1	AC Transmission	22.00	345.00	
37	La Cygne Station GSU - Unit 2	AC Transmission	22.00	345.00	
38	La Cygne Station Switch Yard	AC Transmission	345.00	69.00	
39	705-Iatan - Northland District	AC Transmission			
40					

Name of Respondent Kansas City Power & Light Company	This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/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)	
						1
20	1					2
25	1					3
67	2					4
						5
67	2					6
						7
80	1					8
						9
30	1					10
						11
30	1					12
						13
34	1					14
						15
14	2	1				16
						17
19	2					18
						19
17	2					20
						21
19	2					22
						23
19	2					24
						25
15	1					26
						27
22	1					28
						29
22	1	1				30
						31
30	1					32
						33
						34
						35
970	1	1				36
850	1					37
30	3	1				38
						39
						40

SUBSTATIONS

1. Report below the information called for concerning substations of the respondent as of the end of the year.
2. Substations which serve only one industrial or street railway customer should not be listed below.
3. Substations with capacities of Less than 10 MVA except those serving customers with energy for resale, may be grouped according to functional character, but the number of such substations must be shown.
4. Indicate in column (b) the functional character of each substation, designating whether transmission or distribution and whether attended or unattended. At the end of the page, summarize according to function the capacities reported for the individual stations in column (f).

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	Iatan GSU - Unit 1	AC Transmission	22.00	345.00	
2	Iatan GSU - Unit 2	AC Transmission	24.50	345.00	
3	Iatan North Switch Yard	AC Transmission	345.00	161.00	
4	Iatan South Switch Yard U2	AC Transmission	345.00		
5	Iatan Station Switch Yard Addition	AC Transmission	22.00	345.00	
6	706-Wolf Creek GSU - South District	AC Transmission	25.00	345.00	
7					
8	707-Levee GSU - Units 7 & 8 - F&M District	AC Transmission	13.00	161.00	
9					
10	708-Bull Creek GSU - Units 1, 2, 3 & 4	AC Transmission	13.00	161.00	
11	- Southland District				
12	709-Osawatomie GSU - Unit 1	AC Transmission	13.00	161.00	
13	- South District				
14	716-Spearville Windfarm	AC Transmission			
15	- Spearville District				
16	Spearville WT GSU 1-67	AC Transmission	0.60	34.00	
17	(Windfarm Sw-Yard 2006)	AC Transmission	34.00	230.00	
18	Spearville WT GSU 68-99	AC Transmission	0.60	34.00	
19	(Expand WF Sw-Yard 2010)	AC Transmission	34.00	230.00	
20	2148-Liberty South - Northland District	AC Transmission	161.00	69.00	
21	(MOPUB owned Sub)				
22	42-Small Company-Owned Substations	AC Distribution			
23	with less than 10 MVA capacity.				
24					
25	139 -Total Company-Owned Substations		17003.70	7660.00	112.00
26	26 Transmission Substations	AC Transmission			
27	113 Distribution Substations	AC Distribution			
28					
29					
30					
31					
32	Notes:				
33	1. All Substations are unattended unless				
34	otherwise specified by an * in column (i)				
35	2. Voltage is in KV (Kilo-Volts)				
36	3. Capacity is in MVA (Mega-Volt-Amps)				
37	4. Ten Transmission Substations include				
38	Generator Step-Up Transformers = GSU				
39	5. Company Owned (CO) Single Customer				
40	Substations are not included.				

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)	
724	1					1
1110	3	1				2
650	1					3
						4
						5
1245	3					6
						7
200	2					8
						9
400	4					10
						11
100	1					12
						13
						14
						15
117	67	1				16
125	1					17
56	32					18
180	1					19
60	1					20
						21
229	88	12				22
						23
						24
21790	452	28				25
14516						26
7274						27
						28
						29
						30
						31
						32
						33
						34
						35
						36
						37
						38
						39
						40

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 426.2 Line No.: 19 Column: a

This line item includes GSU transformers.

Schedule Page: 426.3 Line No.: 9 Column: a

This line item includes GSU transformers.

Schedule Page: 426.3 Line No.: 10 Column: a

This line item includes GSU transformers.

Schedule Page: 426.3 Line No.: 11 Column: a

This line item includes GSU transformers.

Schedule Page: 426.3 Line No.: 25 Column: a

This line item includes GSU transformers.

Schedule Page: 426.3 Line No.: 26 Column: a

This line item includes GSU transformers.

Schedule Page: 426.3 Line No.: 27 Column: a

This line item includes GSU transformers.

Schedule Page: 426.4 Line No.: 36 Column: a

This line item includes GSU transformers.

Schedule Page: 426.4 Line No.: 37 Column: a

This line item includes GSU transformers.

Schedule Page: 426.5 Line No.: 1 Column: a

This line item includes GSU transformers.

Schedule Page: 426.5 Line No.: 2 Column: a

This line item includes GSU transformers.

Schedule Page: 426.5 Line No.: 6 Column: a

This line item includes GSU transformers.

Schedule Page: 426.5 Line No.: 6 Column: f

This line item includes GSU transformers.

Schedule Page: 426.5 Line No.: 8 Column: a

This line item includes GSU transformers.

Schedule Page: 426.5 Line No.: 10 Column: a

This line item includes GSU transformers.

Schedule Page: 426.5 Line No.: 12 Column: a

This line item includes GSU transformers.

Schedule Page: 426.5 Line No.: 16 Column: a

This line item includes GSU transformers.

Schedule Page: 426.5 Line No.: 18 Column: a

This line item includes GSU transformers.

Schedule Page: 426.5 Line No.: 26 Column: a

Transmission Substations with Generator Step-Up Transformers have "GSU" indicated on the individual line items.

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017		Year/Period of Report End of 2016/Q4	
TRANSACTIONS WITH ASSOCIATED (AFFILIATED) COMPANIES							
<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>							
Line No.	Description of the Non-Power Good or Service (a)	Name of Associated/Affiliated Company (b)	Account Charged or Credited (c)	Amount Charged or Credited (d)			
1	Non-power Goods or Services Provided by Affiliated						
2	Common use facilities	GMO	922	2,675,761			
3	Integration costs	HLDCO	426.5	14,262,937			
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20	Non-power Goods or Services Provided for Affiliate						
21	Construction work in progress	GMO	107	20,407,027			
22	Retirements	GMO	108	3,741,112			
23	Undistributed stores expense	GMO	163	2,739,425			
24	Fleet, overhead and tool clearing	GMO	184	12,197,833			
25	Payroll taxes	GMO	408	4,560,168			
26	Community services and donations	GMO	426.1	1,123,549			
27	Civic and political expenses	GMO	426.4	326,880			
28	Generation supervision and engineering	GMO	500	807,496			
29	Fuel	GMO	501	2,662,174			
30	Steam expenses	GMO	502	5,042,095			
31	Electric expenses	GMO	505	2,290,377			
32	Miscellaneous steam power	GMO	506	1,497,644			
33	Generation maintenance supervision & engineering	GMO	510	1,653,944			
34	Maintenance of structures	GMO	511	961,482			
35	Maintenance of boiler plant	GMO	512	3,077,546			
36	Maintenance of electric plant	GMO	513	1,018,028			
37	Generation expense	GMO	548	892,851			
38	Other generation mtc. supervision & engineering	GMO	551	312,649			
39	Maintenance of generating & electric equipment	GMO	553	777,670			
40	System control & load dispatching	GMO	556	605,000			
41	Other power supply expenses	GMO	557	281,991			
42	Transmision operating supervision & engineering	GMO	560	696,178			
1	Non-power Goods or Services Provided by Affiliated						
2							

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017		Year/Period of Report End of 2016/Q4	
TRANSACTIONS WITH ASSOCIATED (AFFILIATED) COMPANIES							
1. Report below the information called for concerning all non-power goods or services received from or provided to associated (affiliated) companies. 2. The reporting threshold for reporting purposes is \$250,000. The threshold applies to the annual amount billed to the respondent or billed to an associated/affiliated company for non-power goods and services. The good or service must be specific in nature. Respondents should not attempt to include or aggregate amounts in a nonspecific category such as "general". 3. Where amounts billed to or received from the associated (affiliated) company are based on an allocation process, explain in a footnote.							
Line No.	Description of the Non-Power Good or Service (a)	Name of Associated/Affiliated Company (b)	Account Charged or Credited (c)	Amount Charged or Credited (d)			
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20	Non-power Goods or Services Provided for Affiliate						
21	Transmission load dispatching	GMO	561	722,343			
22	Transmission station expenses	GMO	562	282,429			
23	Miscellaneous transmission expense	GMO	566	781,858			
24	Maintenance of station equipment	GMO	570	317,154			
25	Distribution operations supervision & engineering	GMO	580	2,785,417			
26	Overhead line expense	GMO	583	1,611,630			
27	Underground line expense	GMO	584	464,873			
28	Meter expense	GMO	586	2,192,322			
29	Miscellaneous distribution expense	GMO	588	5,296,890			
30	Maintenance of station equipment	GMO	592	318,604			
31	Maintenance of overhead lines	GMO	593	1,883,478			
32	Maintenance of underground lines	GMO	594	732,623			
33	Maintenance of line transformers	GMO	595	251,681			
34	Maintenance of street lighting & signal systems	GMO	596	276,661			
35	Maintenance of misc. distribution plant	GMO	598	819,780			
36	Meter reading	GMO	902	1,874,281			
37	Customer records and collections	GMO	903	5,449,920			
38	Miscellaneous customer accounts	GMO	905	317,720			
39	Customer assistance	GMO	908	851,229			
40	Miscellaneous customer service & informational exp	GMO	910	672,327			
41	Selling expense	GMO	912	265,807			
42	Adminstrative and general salaries	GMO	920	16,520,872			
1	Non-power Goods or Services Provided by Affiliated						
2							
3							
4							

Name of Respondent Kansas City Power & Light Company		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/18/2017	Year/Period of Report End of 2016/Q4
TRANSACTIONS WITH ASSOCIATED (AFFILIATED) COMPANIES					
1. Report below the information called for concerning all non-power goods or services received from or provided to associated (affiliated) companies. 2. The reporting threshold for reporting purposes is \$250,000. The threshold applies to the annual amount billed to the respondent or billed to an associated/affiliated company for non-power goods and services. The good or service must be specific in nature. Respondents should not attempt to include or aggregate amounts in a nonspecific category such as "general". 3. Where amounts billed to or received from the associated (affiliated) company are based on an allocation process, explain in a footnote.					
Line No.	Description of the Non-Power Good or Service (a)	Name of Associated/Affiliated Company (b)	Account Charged or Credited (c)	Amount Charged or Credited (d)	
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20	Non-power Goods or Services Provided for Affiliate				
21	Office supplies and expense	GMO	921	2,194,211	
22	Common use facilities	GMO	922	15,011,497	
23	Outside services	GMO	923	3,784,528	
24	Employee benefits	GMO	926	10,655,075	
25	Regulatory expense	GMO	928	1,388,408	
26	Miscellaneous general expense	GMO	930	1,176,625	
27	Rent	GMO	931	1,839,676	
28	General maintenance	GMO	935	3,079,974	
29	Non-utility operations	KCREC	417.1	3,093,385	
30	Construction work in progress	Transource Missouri, LLC	107	4,866,318	
31	Administrative & general salaries	HLDCO	920	4,100,533	
32	Payroll taxes	HLDCO	408	304,481	
33	Employee benefits	HLDCO	926	2,140,117	
34	Administrative & general salaries	KLT	920	465,772	
35					
36					
37					
38					
39					
40					
41					
42					

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) 04/18/2017	Year/Period of Report 2016/Q4
Kansas City Power & Light Company			
FOOTNOTE DATA			

Schedule Page: 429 Line No.: 2 Column: a

Applies to lines 1-42:

Assets belonging to one affiliate may be used by another affiliate. The billing for common use property is based on the depreciation of 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.

Affiliate transactions for good and services are captured and billed based on the operating unit of the account code. Goods and services related to one affiliate are direct billed to the benefiting affiliate. Goods and services related to more than one affiliate are allocated on a relevant cost driver determined by the type of cost and the benefiting affiliate or if costs were general in nature on a general allocator.

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