

Schedule TBS-3

**UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION**

Berkshire Hathaway Inc.) **Docket No. EC05-_____**
MidAmerican Energy Company)
MidAmerican Energy Holdings Company)

**APPLICATION FOR APPROVAL OF DISPOSITION OF JURISDICTIONAL
FACILITIES UNDER SECTION 203 OF THE FEDERAL POWER ACT**

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July 29, 2005

TABLE OF CONTENTS

	<u>PAGE</u>
I. EXECUTIVE SUMMARY	2
II. DESCRIPTION OF APPLICANTS, RELEVANT AFFILIATES, AND THE PROPOSED TRANSACTION	5
A. Berkshire Hathaway Inc.	5
B. MidAmerican Energy Holdings Company	7
C. MidAmerican Energy Company	9
D. PacifiCorp.....	11
E. Energy Affiliates of MEHC	12
F. Proposed Transaction	22
III. THE PROPOSED TRANSACTION IS CONSISTENT WITH THE PUBLIC INTEREST	24
A. The Proposed Transaction Will Not Adversely Affect Competition	24
1. Effect of the Proposed Transaction upon Horizontal Markets	25
2. Effect of the Proposed Transaction upon Vertical Markets	26
B. The Proposed Transaction Will Not Adversely Affect Rates	26
C. The Proposed Transaction Will Not Adversely Affect Regulation.....	29
IV. LONG-TERM TRANSMISSION PLANS: EXPAND REGIONAL TRANSMISSION COORDINATION	31
V. INFORMATION REQUIRED BY PART 33 OF THE COMMISSION’S RULES	31
A. Applicants’ Names and Principal Business Addresses, Section 33.2(a).....	32
B. Notices, Section 33.2(b)	32
C. Description of the Applicants, Section 33.2(c)	33
D. Description of the Jurisdictional Facilities Owned and Operated or Controlled by Applicants, Their Parents or Affiliates, Section 33.2(d)	33
E. Narrative Description of the Proposed Transaction, Section 33.2(e).....	33
F. Contracts With Respect to the Proposed Transaction, Section 33.2(f)	33
G. The Proposed Transaction is Consistent with the Public Interest, Section 33.2(g).....	33
H. Geographic Scope, Section 33.2(h).....	33
I. Regulatory Approvals, Section 33.2(i).....	33
J. Proposed Accounting Entries, Section 33.5	34
K. Transmission Information, 33.3(d).....	34

TABLE OF CONTENTS

(CONTINUED)

	<u>PAGE</u>
VI. NOTICE AND VERIFICATIONS	34
VII. CONCLUSION	35

**UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION**

Berkshire Hathaway Inc.) **Docket No. EC05-_____**
MidAmerican Energy Company)
MidAmerican Energy Holdings Company)

**APPLICATION FOR APPROVAL OF A TRANSFER OF CONTROL OVER
JURISDICTIONAL FACILITIES AND REQUEST FOR WAIVER OF REGULATIONS**

Pursuant to Section 203 of the Federal Power Act (“FPA”)¹ and Part 33 of the Federal Energy Regulatory Commission’s (“FERC” or “Commission”) regulations,² Berkshire Hathaway Inc. (“Berkshire Hathaway”), MidAmerican Energy Company, an electric utility (“MidAmerican”), and MidAmerican Energy Holdings Company (“MEHC”) (collectively, “Applicants”) hereby request Commission approval of the indirect transfer of control of MidAmerican to Berkshire Hathaway through the exercise of the conversion of Berkshire Hathaway’s preferred, non-voting stock in MEHC (“Proposed Transaction”) to common, voting stock. The Proposed Transaction will result in Berkshire Hathaway owning approximately 80.5% on a diluted basis (83.75% economic basis) of the common stock of MEHC and will thus confer control over MEHC and its subsidiaries, including MidAmerican.³

On July 22, 2005, in Docket No. EC05-110-000, MEHC, Scottish Power plc, PacifiCorp Holdings, Inc., and PacifiCorp, an electric utility, filed an application under Section 203 of the FPA seeking Commission approval of the transfer of PacifiCorp from PacifiCorp Holdings, Inc. to a newly formed subsidiary of MEHC. The application is pending. If approved, PacifiCorp

¹ 16 U.S.C. § 824b.

² 18 C.F.R. Part 33.

³ This figure increases to approximately 87% on a diluted basis (on a pro forma basis) if the conversion were to occur after the proposed acquisition of PacifiCorp.

will become an indirect subsidiary of MEHC. The Proposed Transaction discussed herein may close before or after the proposed acquisition of PacifiCorp. Therefore, this Application provides information regarding PacifiCorp, from information publicly available in Docket No. EC05-110-000, that parallels the information provided regarding MidAmerican.

I. EXECUTIVE SUMMARY

The Proposed Transaction is “consistent with the public interest” as there will be no adverse effects on competition, rates or regulation. MEHC is a privately owned company with publicly traded fixed-income securities.⁴ The private investor group which owns MEHC consists of Berkshire Hathaway Inc. (“Berkshire Hathaway”), Walter Scott, Jr. (including family interests), David Sokol (chairman and chief executive officer of MEHC) and Gregory Abel (president and chief operating officer of MEHC). As discussed more fully below, as a result of the Proposed Transaction, voting control of MEHC and its subsidiaries will be transferred from Mr. Scott to Berkshire Hathaway through the conversion of Berkshire Hathaway’s non-voting, preferred stock to common stock with voting rights. There will be no change in the owners of MEHC as a result of the Proposed Transaction; only the relative voting interests of current owners will change to match the ownership interests. Thus, the Proposed Transaction is similar to a corporate reorganization for purposes of a Section 203 analysis and unlike a merger, acquisition, or asset sale.

As of December 31, 2004, MidAmerican, a public utility headquartered in Iowa and a subsidiary of MEHC, had approximately 700,000 regulated retail electric customers and 675,000 regulated retail and transportation natural gas customers.⁵ A division of MidAmerican also

⁴ See *MidAmerican Energy Co.*, 89 FERC ¶ 62,225 (1999).

⁵ MidAmerican provides regulated electric service to approximately 605,000 customers in Iowa; 84,000 customers in Illinois; and 3,700 customers in South Dakota. Regulated retail gas service is provided to

provides competitive gas and electric service to approximately 3,200 customers.⁶ Additionally, MidAmerican sells power at wholesale and transports natural gas through its distribution system for end-use customers who have independently secured their supply of natural gas.

PacifiCorp provides retail electric service to approximately 1.6 million customers in Utah, Oregon, Wyoming, Washington, Idaho and California, and sells power at wholesale.⁷ PacifiCorp operates in two control areas: (i) PacifiCorp East, which includes areas of the states of Idaho, Utah, Arizona and Wyoming; and (ii) PacifiCorp West, which includes areas of the states of California, Montana, Oregon, Washington, and Wyoming.

The Proposed Transaction will not increase concentration of market power in any market. As further discussed herein, Berkshire Hathaway and its affiliates, other than MEHC, own no transmission, distribution or generation assets, or generation sites. Thus, the Proposed Transaction would not increase concentration of generating capacity in MidAmerican's or PacifiCorp's control areas or in any relevant markets. The transaction also will not give rise to vertical market power concerns because Berkshire Hathaway and its affiliates, other than MEHC, own no interests in facilities or inputs used for electric power production, transmission facilities, or fuel transportation facilities.

The Proposed Transaction also will not adversely affect either wholesale power or transmission rates. With respect to transmission rates, as a condition to consummation of the Proposed Transaction, MEHC, on behalf of MidAmerican, and if the acquisition of PacifiCorp is

approximately 526,000 customers in Iowa; 66,000 customers in Illinois; 75,000 customers in South Dakota; and 4,600 customers in Nebraska.

⁶ Specifically, a division of MidAmerican provides competitive retail electric service in Ohio, Illinois and Michigan to commercial and industrial customers. That division also provides competitive gas service in Nebraska, Ohio, Illinois, Michigan, South Dakota and Iowa.

⁷ As of June 2005, PacifiCorp provided regulated electric service to approximately 775,158 customers in Utah; 529,660 customers in Oregon; 125,613 customers in Wyoming; 122,160 customers in Washington; 63,968 customers in Idaho; and 43,852 customers in California.

consummated, PacifiCorp, commits that MidAmerican and PacifiCorp will not seek to include transaction-related costs in its filed transmission revenue requirements unless it can demonstrate transaction-related savings equal to or in excess of the transaction-related costs so included. The rates of MidAmerican's and PacifiCorp's wholesale power requirements customers will not be adversely affected by the Proposed Transaction because the same hold harmless commitment also will apply to wholesale power sales customers purchasing under cost-based rate contracts. The Commission has approved this type of hold harmless commitment in its Merger Policy Statement⁸ and subsequent orders.⁹ The Applicants anticipate that any transaction-related costs for the Proposed Transaction will be minimal. This is a stock conversion rather than a merger, acquisition, or asset sale.

The Proposed Transaction also will not have any adverse effect on regulation. MEHC is currently an exempt public utility holding company under the Public Utilities Holding Company Act of 1935 ("PUHCA"). However, the Dominici-Barton Energy Policy Act of 2005 ("Energy Act")¹⁰ has been approved by both Houses of Congress, and Applicants assume the President will sign it into law. Sections 1261 *et seq.* of the Energy Act repeal PUHCA six months after its enactment. Due to PUHCA repeal, neither Berkshire Hathaway nor MEHC will be registered public utility holding companies under PUHCA. Thus, no waiver by Berkshire Hathaway or MEHC of any defenses to which they may be entitled under *Ohio Power Co. v. FERC*, 954 F.2d 779 (D.C. Cir.), *cert. denied sub nom. Arcadia v. Ohio Power Co.*, 506 U.S. 981 (1992) ("*Ohio Power*"), is necessary to maintain the Commission's regulation of MidAmerican and PacifiCorp.

⁸ *Inquiry Concerning the Commission's Merger Policy Under the Federal Power Act: Policy Statement*, Order No. 592, FERC Stats & Regs., Regs. Preambles ¶ 31,044 at 30,122-24 (1996) ("Merger Policy Statement"), *order on reconsideration*, Order No. 592-A, 79 FERC ¶ 61,321 (1997).

⁹ *Ameren Corp.*, 108 FERC ¶ 61,094 at P 68 (2004); *Tucson Elec. Co.*, 103 FERC ¶ 61,200 at 64,163 (2003); *Northwest Natural Gas Co.*, 98 FERC ¶ 61,134 at 61,388 (2002); *Consolidated Edison, Inc.*, 91 FERC ¶ 61,225 at 61,825-26 (2000), *reh'g denied*, 94 FERC ¶ 61,079 (2001).

¹⁰ H.R. Rep. No. 109-190 (Conf. Rep.).

However, while PUHCA is in effect, Berkshire Hathaway and MEHC waive such defenses. The Proposed Transaction also does not change state commission jurisdiction over MidAmerican and PacifiCorp.

Both PacifiCorp and MidAmerican have long-term transmission plans that seek to increase transmission coordination in the region west of the Mississippi River. In addition, contingent on MEHC's acquisition of PacifiCorp, both MidAmerican and PacifiCorp plan to adopt Market Monitors.¹¹

In summary, the Proposed Transaction does not raise any of the concerns enunciated by the Commission in prior cases under Section 203 of the FPA.

Applicants intend to consummate the Proposed Transaction as soon as practicable after obtaining all required regulatory approvals. In order to permit timely consummation of the Proposed Transaction, Applicants respectfully request that the Commission authorize the Proposed Transaction no later than November 17, 2005. This is consistent with recent Commission Section 203 orders.¹²

II. DESCRIPTION OF APPLICANTS, RELEVANT AFFILIATES, AND THE PROPOSED TRANSACTION

A. Berkshire Hathaway Inc.

Berkshire Hathaway is a holding company owning subsidiaries engaged in a number of diverse business activities. The most important of these is the property and casualty insurance business conducted on both a direct and reinsurance basis through a number of subsidiaries. Included in this group of subsidiaries is GEICO, one of the five largest auto insurers in the

¹¹ See Application at 27-31 and Attach. 2, *MidAmerican Energy Holdings Co., et al.*, Docket No. EC05-110-000 (July 22, 2005).

¹² See *Exelon Corp. & Pub. Serv. Ent. Corp., Inc.*, 112 FERC ¶ 61,011 (2005); *PNM Res. & Texas-New Mexico Power Co.*, 110 FERC ¶ 61,204 (2005).

United States, General Re, one of the four largest re-insurers in the world, and the Berkshire Hathaway Reinsurance Group.

Numerous business activities are conducted through non-insurance subsidiaries. Included in the non-insurance subsidiaries are several large manufacturing businesses. Shaw Industries is the world's largest manufacturer of tufted broadloom carpet. Benjamin Moore is a formulator, manufacturer and retailer of architectural and industrial coatings. Johns Manville is a leading manufacturer of insulation and building products. Acme Building Brands is a manufacturer of face brick and concrete masonry products. MiTek Inc. produces steel connector products and engineering software for the building components market. Fruit of the Loom, Garan, Fechheimer Brothers Company, H.H. Brown Shoe Group, Lowell, Justin Brands and Dexter manufacture, license and distribute apparel and footwear under a variety of brand names. McLane Company is a wholesale distributor of groceries and nonfood items to convenience stores, wholesale clubs, mass merchandisers, quick service restaurants and others.

FlightSafety International provides training of aircraft and ship operators. NetJets provides fractional ownership programs for general aviation aircraft. Nebraska Furniture Mart, R.C. Willey Home Furnishings, Star Furniture and Jordan's Furniture are retailers of home furnishings. Borsheim's Fine Jewelry, Helzberg Diamond Shops and Ben Bridge Jeweler are retailers of fine jewelry. Berkshire Hathaway's finance and financial products businesses primarily engage in proprietary investing strategies (BH Finance), commercial and consumer lending (Berkshire Hathaway Credit Corporation and Clayton Homes), transportation equipment and furniture leasing (XTRA and CORT) and risk management activities (General Re Securities).

In addition, Berkshire Hathaway's other non-insurance business activities include: Buffalo News, a publisher of a daily and Sunday newspaper; See's Candies, a manufacturer and seller of boxed chocolates and other confectionery products; Scott Fetzer, a diversified manufacturer and distributor of commercial and industrial products, the principal products are sold under the Kirby and Campbell Hausfeld brand names; Albecca, a designer, manufacturer, and distributor of high-quality picture framing products; CTB International, a manufacturer of equipment for the livestock and agricultural industries; International Dairy Queen, a licensor and service provider to about 6,000 stores that offer prepared dairy treats and food; and The Pampered Chef, the premier direct seller of kitchen tools in the U.S.

Other than through its interest in MEHC, Berkshire Hathaway and its affiliates have no interest in electric generation, transmission or distribution facilities. Other than through its interest in MEHC, neither Berkshire Hathaway nor its affiliates own interests in facilities or inputs used for electric power production or transmission or in fuel transportation facilities.

B. MidAmerican Energy Holdings Company

MEHC is a privately held Iowa corporation headquartered in Des Moines, Iowa. MEHC was formed in a transaction in March 1999 whereby CalEnergy Company, Inc. ("CalEnergy Company"), a Delaware corporation, acquired MHC Inc., the former parent of MidAmerican.¹³ As part of the transaction, CalEnergy Company was reincorporated as an Iowa corporation and changed its name to MEHC. As a result of this transaction, all direct and indirect subsidiaries of MHC Inc. became indirect subsidiaries of MEHC. MHC Inc. is now a wholly owned subsidiary of MidAmerican Funding, LLC, whose sole member is MEHC.

In March of 2000, a private investor group completed its acquisition of MEHC. MEHC

¹³ See *MidAmerican Energy Co.*, 85 FERC ¶ 61,354 (1998).

is a privately owned company with publicly traded fixed-income securities.¹⁴ The private investor group consists of Berkshire Hathaway, Walter Scott, Jr. (including family interests), David Sokol (chairman and chief executive officer of MEHC) and Gregory Abel (president and chief operating officer of MEHC).

MEHC is currently an exempt public utility holding company under Section 3(a)(1) of PUHCA. MEHC has one indirect, wholly owned franchised public utility subsidiary: MidAmerican. MEHC also has two indirect wholly owned interstate natural gas pipeline subsidiaries, Northern Natural Gas Company and Kern River Gas Transmission Company, which provide natural gas transportation service to customers.

Through its subsidiaries, MEHC generates, transmits, stores, distributes and supplies energy. Its natural gas pipeline subsidiaries operate interstate natural gas transmission systems with approximately 18,300 miles of pipeline in operation and peak delivery capacity of 6.4 billion cubic feet of natural gas per day. MEHC has interests in 6,777 net owned MW of power generation facilities in operation and under construction, including approximately 6,000 MW of generation capacity in the United States. MidAmerican accounts for approximately 5,100 MW of MEHC's total generation capacity in the United States, with the remainder owned by Cordova Energy Company LLC ("Cordova") (537 MW) and CE Generation, LLC ("CE Generation") (MEHC's 50% ownership interest in CE Generation corresponds to a MEHC ownership interest of an additional 385 MW). Substantially all of the non-utility power generation facilities have long-term contracts for the sale of energy and/or capacity from the facilities.¹⁵

In addition to its energy-related subsidiaries in the United States, primary energy-related subsidiaries with assets located outside the United States include: (1) CE Electric UK, which

¹⁴ See *MidAmerican Energy Co.*, 89 FERC ¶ 62,225 (1999).

¹⁵ In the United States, all but 19.5 MW is under long-term contract.

comprises MEHC's United Kingdom holdings, including Northern Electric Distribution Limited and Yorkshire Electricity Distribution plc, which distribute electricity to more than 3.7 million end users in the United Kingdom; and (2) CE International Investments, Inc., CalEnergy Pacific Holding Corp. and Magma Netherlands B.V., which own three geothermal facilities and one hydroelectric facility in the Philippines.¹⁶

C. MidAmerican Energy Company

MidAmerican is an Iowa corporation with its principal place of business in Des Moines, Iowa. MidAmerican is a combination gas and electric company and a public utility under the FPA. MidAmerican is primarily engaged in the business of generating, transmitting, distributing, and selling electric energy and distributing, selling, and transporting natural gas. It is a wholly owned indirect subsidiary of MEHC. MidAmerican was created in July 1995 through a merger of Midwest Power Systems Inc., its parent Midwest Resources Inc., and Iowa-Illinois Gas and Electric Company. MidAmerican's utility service territory includes Iowa, Illinois, South Dakota, and Nebraska. As of December 31, 2004, MidAmerican had approximately 700,000 regulated retail electric customers in Iowa, Illinois and South Dakota, and 675,000 regulated retail and transportation natural gas customers in Iowa, Illinois, Nebraska and South Dakota. In addition to regulation by this Commission under the FPA, MidAmerican is subject to regulation by the Nuclear Regulatory Commission, and its retail electric service is regulated by the Iowa Utilities Board, the Illinois Commerce Commission and the South Dakota Public Utilities Commission.

MidAmerican distributes electricity at retail in Council Bluffs, Des Moines, Fort Dodge, Iowa City, Sioux City and Waterloo, Iowa; the Quad Cities (Davenport and Bettendorf, Iowa,

¹⁶ In addition to its energy affiliates, MEHC also owns HomeServices of America, Inc., the second largest full service, independent residential real estate brokerage firm in the United States.

Rock Island, Moline and East Moline, Illinois); and in a number of adjacent communities and areas. Through a competitive division MidAmerican provides competitive electric retail service to about 3,200 commercial and industrial customers in Illinois, Michigan and Ohio.

MidAmerican also distributes natural gas at retail in Cedar Rapids, Des Moines, Fort Dodge, Iowa City, Sioux City and Waterloo, Iowa; the Quad Cities; Sioux Falls, South Dakota; and a number of adjacent communities and areas. Through its competitive division MidAmerican provides competitive retail gas services in Iowa, Illinois, Michigan, Nebraska, Ohio and South Dakota to commercial and industrial customers.

In addition to retail sales and natural gas transportation, MidAmerican sells electric energy and natural gas to other utilities, marketers and municipalities.

MidAmerican owns approximately 2,064 circuit miles of 345 kV and 161 kV transmission lines and 389 substations and provides transmission service pursuant to a Commission-approved open access transmission tariff (“OATT”).¹⁷ MidAmerican also provides wholesale requirements service to various municipal electric utilities. MidAmerican owns or controls approximately 5,100 MW,¹⁸ including the majority ownership in four of the five jointly owned coal-fired generating stations in Iowa. MidAmerican jointly dispatches capacity owned by Corn Belt Power Cooperative and the Cedar Falls and Algona municipal utility systems.¹⁹

MidAmerican distributes natural gas through 21,548 miles of distribution mains and services of which 16,820 miles are located in Iowa, 2,111 miles in Illinois, 2,466 miles in South Dakota, and 151 miles in Nebraska. Other natural gas properties owned include three liquefied

¹⁷ *Allegheny Power Sys., Inc.*, 80 FERC ¶ 61,143 (1997), *order on reh’g*, 85 FERC ¶ 61,235 (1998); *MidAmerican Energy Co.*, Letter Order, Docket No. ER00-3634 (Oct. 12, 2000).

¹⁸ Calculated using percentage of ownership for jointly owned projects, where applicable.

¹⁹ While MidAmerican physically dispatches the plants, the co-owners have full operational control over their shares of the units in deciding when to run the units.

natural gas plants located in Bettendorf, Waterloo, and Des Moines, Iowa with 134,200 MMBtu maximum daily delivery capacity. MidAmerican also owns two propane-air gas peak shaving plants located in Sioux City and Des Moines, Iowa, with a total maximum daily delivery capacity of 59,000 MMBtu.

MidAmerican is interconnected with Iowa utilities and utilities in neighboring states. Significant volumes of MidAmerican's purchases and sales of power are traditionally with counterparties located to the West. Also, MidAmerican is a party to an electric generation reserve sharing and regional transmission group administered by the MAPP.²⁰ The MAPP is a voluntary association and includes electric utilities doing business in Iowa, Illinois, Montana, South Dakota, North Dakota, Wisconsin, Minnesota, Nebraska, Kansas, Missouri, and the Canadian provinces of Saskatchewan and Manitoba. Its membership includes investor owned utilities, municipal electric utilities, cooperatives, power marketers, regulatory agencies, public power districts, and independent power producers. The MAPP performs functions including the administration of its short-term regional OATT, coordination of regional planning and operations, and operation of the generation reserve sharing pool.

D. PacifiCorp

PacifiCorp is an Oregon corporation with its principal place of business in Portland, Oregon. PacifiCorp is primarily engaged in the business of providing retail electric service to approximately 1.6 million customers in six western states: Utah, Oregon, Wyoming, Washington, Idaho and California. PacifiCorp is regulated by the following state public utility commissions: the Public Service Commission of Utah, the Oregon Public Utility Commission, the Wyoming Public Service Commission, the Washington Utilities and Transportation

²⁰ MAPP provides a generation reserve sharing power pool which provides efficient and available generation when needed. These functions assure efficient and economical power in the member states.

Commission, the Idaho Public Utilities Commission, and the California Public Utilities Commission.

PacifiCorp owns approximately 15,530 miles of transmission lines ranging from 46 kV to 500 kV and has approximately 9,000 MW of generation capacity from coal, hydro, wind power, natural gas-fired combustion turbines, and geothermal.²¹ Open access to PacifiCorp's transmission lines is provided pursuant to PacifiCorp's OATT on file with the Commission.²² PacifiCorp operates in two control areas, PacifiCorp East and PacifiCorp West. The entire PacifiCorp system, including both control areas, is controlled from the System Power Control Center in Portland, Oregon and operated as a single integrated system. PacifiCorp operates the integrated system in accordance with operating criteria established by the Western Electricity Coordinating Council ("WECC"). WECC has a Reliability Management System ("RMS") and PacifiCorp has committed to abide by the RMS reliability criteria. Following consummation of the Proposed Transaction, PacifiCorp will continue to be a member of the WECC and its RMS. In addition, Grid West is expected to provide enhanced reliability in its footprint.

E. Energy Affiliates of MEHC

1. Northern Electric Distribution Limited and Yorkshire Electricity Distribution plc

Northern Electric Distribution Limited ("Northern Electric") and Yorkshire Electricity Distribution plc ("Yorkshire") are each organized under the laws of Great Britain and a wholly owned indirect subsidiary of MEHC. Northern Electric's and Yorkshire's operations consist primarily of the distribution of electricity to more than 3.7 million end users in the United Kingdom. Northern Electric and Yorkshire receive electricity from the national grid

²¹ This number includes PacifiCorp's new Currant Creek plant, an approximately 280 MW combustion turbine plant that PacifiCorp plans to convert to a 525 MW combined cycle plant in 2006.

²² See *PacifiCorp*, 107 FERC ¶ 61,318 (2004), *on reh'g*, 110 FERC ¶ 61,072 (2005).

transmission system and distribute it to their customers' premises using their network of transformers, switchgear and cables. Northern Electric and Yorkshire charge fees for the use of the distribution system to the suppliers of electricity. On December 31, 2004, Northern Electric's and Yorkshire's electricity distribution network (excluding service connections to consumers) on a combined basis included approximately 33,000 kilometers of overhead lines and approximately 64,000 kilometers of underground cables. In addition to the foregoing circuits, the combined distribution facilities also included approximately 58,000 transformers and approximately 750 primary substations.

2. CE Generation, LLC

CE Generation is a special purpose Delaware limited liability company headquartered in Omaha, Nebraska. CE Generation was created by MEHC on February 8, 1999, for the sole purpose of issuing securities and holding the equity investments in certain subsidiaries.

MEHC and TransAlta (CE GEN) Investments USA Inc., an affiliate of TransAlta Corporation ("TransAlta"), a Canadian corporation, each own a 50% membership interest in CE Generation. CE Generation's limited liability operating agreement provides that MEHC and TransAlta each are entitled to appoint 50% of the directors and are entitled to 50% of the distributions made by CE Generation.

CE Generation owns all of the common stock interests in Magma Power Company, FSRI Holdings, Inc. and California Energy Development Corporation and their subsidiaries. Through its subsidiaries, CE Generation is primarily engaged in the development, ownership, and operation of environmentally responsible independent power production facilities in the United States utilizing geothermal and natural gas resources. CE Generation has an ownership interest in power plants in the United States which have an aggregate nominal net generating capability of 829 MW. The following information pertains to these facilities:

a. CE Turbo, L.L.C.

CE Turbo, L.L.C. owns a turbo-expander geothermal power project with a nominal net generating capability of 10 MW in Imperial Valley, California. The facility is a qualifying facility (“QF”) under the Public Utility Regulatory Policies Act of 1978, with all of its capacity under contract with an affiliate of TransAlta.

b. Del Ranch, L.P.

Del Ranch, L.P. owns a geothermal power project with a nominal net generating capability of 38 MW in Imperial Valley, California. The facility is a QF with all of its capacity under long-term contract with Southern California Edison Company (“Edison”) that expires in 2019.

c. Elmore, L.P.

Elmore, L.P. owns a geothermal power project with a nominal net generating capability of 38 MW in Imperial Valley, California. The facility is a QF with all of its capacity under long-term contract with Edison that expires in 2018.

d. Fish Lake Power, L.L.C.

Fish Lake Power, L.L.C. owns a 1% interest in a geothermal power project (Salton Sea IV) with a nominal net generating capability of 40 MW in Imperial Valley, California. The facility is a QF with all of its capacity under long-term contract with Edison that expires in 2026.²³

²³ The remaining 99% of the Salton Sea IV facility is owned by Salton Sea Power Generation, L.P., discussed below.

e. Leathers, L.P.

Leathers, L.P. owns a geothermal power project with a nominal net generating capability of 38 MW in Imperial Valley, California. The facility is a QF with all of its capacity under long-term contract with Edison that expires in 2019.

f. Power Resources, Ltd.

Power Resources, Ltd. (“PRL”) owns a gas-fired power plant with a nominal net generating capability of 212 MW in Big Spring, Texas. PRL is an exempt wholesale generator with all of the Big Spring capacity under a long-term contract with ONEOK Energy, Marketing and Trading Company, L.P. that expires on December 31, 2005. PRL is located within the Electric Reliability Council of Texas and conducts all of its business within that reliability council.

g. Salton Sea Power Generation, L.P.

Salton Sea Power Generation, L.P. owns (a) 100% of (i) a geothermal power project (Salton Sea I) with a nominal net generating capability of 10 MW in Imperial Valley, California, which is a QF with all of its capacity under long-term contract with Edison that expires in 2017, (ii) a geothermal power project (Salton Sea II) with a nominal net generating capability of 20 MW in Imperial Valley, California, which is a QF with all of its capacity under long-term contract with Edison that expires in 2020, and (iii) a geothermal power project (Salton Sea III) with a nominal net generating capability of 50 MW in Imperial Valley, California, which is a QF with all of its capacity under long-term contract with Edison that expires in 2019; and (b) 99% of a geothermal power project (Salton Sea IV) with a nominal net generating capability of 40 MW in Imperial Valley, California, which is a QF with all of its capacity under long-term contract with Edison that expires in 2026.

h. Salton Sea Power, L.L.C.

Salton Sea Power, L.L.C. owns a geothermal power project (Salton Sea V) with a nominal net generating capability of 49 MW in Imperial Valley, California. The facility is a QF with 20 MW of its nominal net generating capability under long-term contract with the City of Riverside, California that expires in 2013 and the balance of its nominal net generating capability under contract with an affiliate of TransAlta. The contract with TransAlta may be cancelled by either party with 30 days' notice.

i. Saranac Power Partners, L.P.

Saranac Power Partners, L.P., of which CE Generation indirectly holds a 75% interest, owns a gas-fired cogeneration power plant with a nominal net generating capability of 240 MW in Plattsburgh, New York. The facility is a QF with all of its capacity under long-term contract with New York State Electric & Gas Corporation that expires in 2009.

j. Vulcan/BN Geothermal Power Company

Vulcan/BN Geothermal Power Company owns a geothermal power project with a nominal net generating capability of 34 MW in Imperial Valley, California. The facility is a QF with all of its capacity under long-term contract with Edison that expires in 2016.

k. Yuma Cogeneration Associates

Yuma Cogeneration Associates owns a gas-fired cogeneration power plant with a nominal net generating capability of 50 MW in Yuma, Arizona. The facility is a QF with all of its capacity under long-term contract with San Diego Gas & Electric Company that expires in 2024.

3. Northern Natural Gas Company

Northern Natural Gas Company ("Northern Natural") is a Delaware corporation and an indirect wholly owned subsidiary of MEHC and owns one of the largest interstate natural gas

pipeline systems in the United States. It reaches from Texas to Michigan's Upper Peninsula and is engaged in the transmission and storage of natural gas for utilities, municipalities, other pipeline companies, gas marketers, industrial and commercial users and other end uses. Northern Natural operates approximately 16,600 miles of natural gas pipelines with a design capacity of 4.4 billion cubic feet per day. Northern Natural's revenue is derived from the interstate transportation and storage of natural gas for third parties. Except for small quantities of natural gas owned for system operations, Northern Natural does not own the natural gas that is transported through its system.

Northern Natural's system consists of two distinct but operationally integrated markets. Its traditional end use and distribution market area is at the northern end of the system, including delivery points in Michigan, Illinois, Iowa, Minnesota, Nebraska, Wisconsin and South Dakota and the natural gas supply and service area is at the southern end of the system, including Kansas, Oklahoma, Texas and New Mexico.

Northern Natural's storage services are provided through the operation of one underground storage field in Iowa, two underground storage facilities in Kansas and one liquefied natural gas storage peaking unit each at Garner, Iowa and Wrenshall, Minnesota. The three underground natural gas storage facilities and the two liquefied natural gas storage peaking units have total working storage capacity of approximately 59 billion cubic feet and over 1.3 billion cubic feet of peak day deliverability.

4. Kern River Gas Transmission Company

Kern River Gas Transmission Company ("Kern River") is a Texas general partnership and an indirect wholly owned subsidiary of MEHC. Kern River owns an interstate natural gas transportation pipeline system comprising 1,679 miles of pipeline, with an approximate design capacity of 1,755,575 Dths per day, extending from supply areas in the Rocky Mountains to

consuming markets in Utah, Nevada and California. In 2003, a 717 mile expansion project, which was placed in service on May 1, 2003, increased the design capacity of Kern River's pipeline system by 885,575 Dths per day to its current 1,755,575 Dths per day.

Kern River's pipeline consists of two sections: the mainline section and the common facilities. Kern River owns the entire mainline section, which extends from the pipeline's point of origination near Opal, Wyoming through the Central Rocky Mountains area into Daggett, California. The mainline section consists of the original 682 miles of 36-inch pipeline, 628 miles of 36-inch loop pipeline related to the 2003 expansion and 68 miles of various laterals that connect to the mainline.

The common facilities consist of a 219-mile section of original pipeline that extends from the point of interconnection with the mainline in Daggett to Bakersfield, California and an additional 82 miles related to the 2003 expansion. The common facilities are jointly owned by Kern River (approximately 76.8% at December 31, 2004) and Mojave Pipeline Company (approximately 23.2% at December 31, 2004) as tenants-in-common. Kern River's ownership percentage in the common facilities will increase or decrease pursuant to subsequently completed expansions by the respective joint owners. Kern River has exclusive rights to approximately 1,570,500 Dths per day of the common facilities' capacity. Operation and maintenance of the common facilities are the responsibility of Mojave Pipeline Company.

As of December 21, 2004, Kern River had under contract 1,661,575 Dth per day of capacity under long-term firm gas transportation service agreements under which the pipeline receives natural gas on behalf of shippers at designated receipt points, transports the gas on a firm basis up to each shipper's maximum daily quantity and delivers thermally equivalent quantities of gas at designated delivery points.

Each shipper pays Kern River the aggregate amount specified in its long-term firm gas transportation service agreement and Kern River's tariff, with such amount consisting primarily of a fixed monthly reservation fee based on each shipper's maximum daily quantity and a commodity charge based on the actual amount of gas transported.

5. Cordova Energy Company LLC

Cordova Energy Company LLC ("Cordova") is a Delaware limited liability company and indirect wholly owned subsidiary of MEHC. Cordova owns a gas-fired power plant with a nominal net generating capability of 537 MW in the Quad Cities, Illinois area ("Cordova Project"). FERC issued an order confirming Cordova's exempt wholesale generator status on May 7, 1999 in Docket No. EG99-93-000. *See Cordova Energy Co. LLC*, 87 FERC ¶ 62,157 (1999). The Commission accepted Cordova's market-based rate tariff in Docket No. ER99-2156-000. *See Geysers Power Co., LLC*, 87 FERC ¶ 61,108, *reh'g denied*, 87 FERC ¶ 61,214 (1999). The Cordova project commenced commercial operations in June 2001.

Cordova entered into a power purchase agreement with a unit of El Paso Corporation ("El Paso") under which El Paso will purchase all of the capacity and energy from the Cordova Project until December 31, 2019. *See Cordova Energy Co. LLC*, 96 FERC ¶ 61,257 (2001). The contract year under the power purchase agreement extends from May 15th in a year to May 14th in the subsequent year. For each contract year, Cordova has an option to recall from El Paso 50% of the output of the Cordova Project, reducing El Paso's purchase obligation to 50% of the output during such contract year. Cordova did not exercise the recall option for the contract year which commenced May 15, 2005, and El Paso is required to purchase 100% of the capacity and energy from the Cordova Project for the current contract year and, subject to future exercises of the recall option, for the remainder of the term of the power purchase agreement.

6. InterCoast Power Marketing Company

InterCoast Power Marketing Company (“InterCoast”) is an inactive power marketer and a wholly owned indirect subsidiary of MEHC. InterCoast has no generation or transmission assets and its only FERC jurisdictional asset is its market-based rate schedule, accepted by the Commission in Docket No. ER94-6-000,²⁴ and related books and records. On July 18, 2005, InterCoast filed to terminate its market-based rate schedule.²⁵

7. Intermountain Geothermal Company

Intermountain Geothermal Company is an indirect wholly owned subsidiary of MEHC that owns an interest in a geothermal steam field located at Roosevelt Hot Springs, Utah, which supplies geothermal steam to a 23 MW power plant owned by PacifiCorp.²⁶

8. CE Obsidian Energy LLC

In development in southern California is a geothermal plant to be owned by CE Obsidian Energy LLC, an indirect wholly owned subsidiary of MEHC. Upon completion, this plant will be the 11th generating plant owned and operated by affiliates of MEHC in California and will be the largest geothermal energy-production facility in the United States. It is licensed by the California Energy Commission to have a nominal net generating capability of 215 MW.

9. CE International Investment, Inc., CalEnergy Pacific Holding Corp. and Magma Netherlands B.V.

CE International Investments, Inc., CalEnergy Pacific Holding Corp. and Magma Netherlands B.V. are direct and indirect wholly owned subsidiaries of MEHC that own the

²⁴ *InterCoast Power Mktg., Co.*, 68 FERC ¶ 61,248, *clarified*, 68 FERC ¶ 61,324 (1994).

²⁵ On May 31, 2005, the Commission issued an order requiring approximately 200 entities with market-based rate authority, including InterCoast, to file updated market power analyses not later than August 1, 2005. *3E Technologies, Inc.*, 111 FERC ¶ 61,295 (2005). Since a number of the entities included in the order are not presently engaged in market-based rate transactions, including InterCoast, the Commission is providing such entities the option to file a cancellation of market-based rate authority instead of the updated market power analysis. InterCoast made such a termination filing with the Commission on July 18, 2005.

²⁶ Seventeen of the 23 MW are generated from steam supplied by MEHC’s share of the relevant steam field.

Upper Mahiao project, a 119 MW facility net capacity geothermal power facility, the Mahanagdong project, a 155 MW facility net capacity geothermal power facility (of which 5 MW is owned by an unaffiliated third party), the Malitbog project, a 216 MW facility net capacity geothermal power facility, and the Casecnan project, a 150 MW facility net capacity hydroelectric power facility, each of which is in the Philippines.

10. Other MEHC Subsidiaries

a. MidAmerican Funding, LLC

MidAmerican Funding, LLC (“MidAmerican Funding”) is an Iowa limited liability company that was formed in March 1999. Its sole member is MEHC. MidAmerican Funding owns all of the outstanding common stock of MHC Inc. MidAmerican Funding conducts no business other than activities related to the issuance of its debt securities and the ownership of MHC Inc.

b. MHC Inc. and Subsidiaries

MHC Inc. is an Iowa corporation that conducts no business other than the ownership of its subsidiaries. MHC Inc. owns all of the common stock of MidAmerican, InterCoast Capital Company, Midwest Capital Group, Inc., MidAmerican Services Company (“MidAmerican Services”), and MEC Construction Services Co.

- (i) InterCoast Capital Company is a South Dakota corporation and wholly owned unregulated subsidiary of MHC Inc. It manages equipment leases and other passive investment activities through its unregulated subsidiaries.
- (ii) Midwest Capital Group, Inc. is an Iowa corporation and wholly owned unregulated subsidiary of MHC Inc. It manages economic development activities in MidAmerican’s service territory.
- (iii) MidAmerican Services is an Iowa corporation and wholly owned unregulated subsidiary of MHC Inc. It provides comprehensive energy services to commercial and industrial companies. The company is no

longer soliciting new business. It is honoring commitments under three existing contracts.

- (iv) MEC Construction Services Co. is an Iowa corporation and wholly owned unregulated subsidiary of MHC Inc. It provides unregulated utility construction services.

F. Proposed Transaction

Berkshire Hathaway currently holds 9.9% of the common shares of MEHC and 41,263,395 shares of MEHC's zero coupon convertible preferred stock, as described in Article IV of the Amended and Restated Articles of Incorporation of MidAmerican Energy Holdings Company. Berkshire Hathaway's rights as a holder of MEHC zero coupon convertible preferred stock can be summarized as follows. The securities:

- € are not mandatorily redeemable by MEHC or at the option of Berkshire Hathaway;
- € participate in dividends and other distributions to common shareholders as if they were common shares but otherwise possess no dividend rights;
- € have no voting rights;
- € are convertible into common shares on a 1 for 1 basis, as adjusted for splits, combinations, reclassifications and other capital changes by MEHC;
- € upon liquidation, would have a prior right to available proceeds up to \$1 per share, after which the common stock would have a right to available proceeds up to \$1 per share (subject to certain adjustments), after which the preferred stock and common stock would share ratably in any remaining proceeds; and
- € the dividend and distribution arrangements previously described cannot be modified without the positive consent of Berkshire Hathaway.

While the convertible preferred stock does not vote with the common stock in the election of

directors, the convertible preferred stock gives Berkshire Hathaway the right to elect 20 percent of MEHC's Board of Directors (currently two of the ten members of the MEHC Board of Directors). Additionally, the prior approval of Berkshire Hathaway, as the holder of convertible preferred stock, is required for MEHC to undertake certain fundamental transactions. The prior approval of Berkshire Hathaway is not required for transactions undertaken directly by MEHC subsidiaries.

The zero coupon convertible preferred stock of MEHC is convertible into MEHC common shares at the option of Berkshire Hathaway if, among other things, the conversion would not cause Berkshire Hathaway (or any affiliate of Berkshire Hathaway) to become regulated as a registered holding company or as a subsidiary of a registered holding company under PUHCA. PUHCA will be repealed if the Energy Act is enacted.

In summary, Berkshire Hathaway currently has a voting interest in MEHC of approximately 9.9%, and a diluted interest of approximately 80.5%. Voting control of MEHC currently rests with Mr. Scott. Under the Proposed Transaction, Berkshire Hathaway's preferred, non-voting stock would be converted to common stock on a share-for-share basis pursuant to Article IV of Amended and Restated Articles of Incorporation of MidAmerican Energy Holdings Company. If consummated, the Proposed Transaction would result in Berkshire Hathaway having a voting interest in MEHC and its subsidiaries, including MidAmerican, and, if approved, PacifiCorp, equal to its diluted interest. Upon conversion, Berkshire Hathaway would have the rights of a common stockholder and the ability to elect nine of the ten members of MEHC's board of directors. Thus, control over MidAmerican and PacifiCorp would be transferred to Berkshire Hathaway.

Exhibit C hereto includes corporate organizational charts before and after the Proposed Transaction. The Amended and Restated Articles of Incorporation of MidAmerican Energy Holdings Company, attached hereto as Exhibit I, sets forth the details regarding the conversion of Berkshire Hathaway’s preferred stock to common stock.

Other than as described in this Application, the Proposed Transaction will not have any additional effects on the jurisdictional facilities or securities of the Applicants.

III. THE PROPOSED TRANSACTION IS CONSISTENT WITH THE PUBLIC INTEREST

Under Section 203 of the FPA, the Commission will approve a proposed transaction if it determines that the transaction is “consistent with the public interest.”²⁷ The Commission applies a three-part test set forth in Order No. 642²⁸ to determine whether a proposed transaction is consistent with the public interest under Section 203 of the FPA. Specifically, in approving transactions subject to Section 203, the Commission will generally consider: (1) the effect on competition; (2) the effect on rates; and (3) the effect on regulation.²⁹ Consideration of these factors supports the conclusion that the Proposed Transaction is consistent with the public interest.

A. The Proposed Transaction Will Not Adversely Affect Competition

In Order No. 642, the Commission stated that its objective in analyzing a proposed transaction’s effect on competition is to determine whether the transaction “will result in higher prices or reduced output in electricity markets.”³⁰ The Commission has ruled that higher prices and/or reduced output in electricity markets may occur if applicants under Section 203 are able

²⁷ 16 U.S.C. § 824b(a).

²⁸ Order No. 642 at 31,874-78; 18 C.F.R. § 33.2(g).

²⁹ 18 C.F.R. § 2.26(b).

³⁰ Order No. 642 at 31,879.

to exercise market power, either alone or in coordination with other firms.³¹ As demonstrated below, the Proposed Transaction will have no adverse effect on competition and, accordingly, should be approved.

The Proposed Transaction will combine (1) an approximately 81% interest in the jurisdictional assets of MidAmerican, and, if approved, PacifiCorp, with (2) another company (Berkshire Hathaway), with no direct or indirect control over any transmission or generation capacity or any other assets which affect market power, in MidAmerican's or PacifiCorp's control areas or in any market. The increase in market concentration in both committed and uncommitted capacity will be zero in MidAmerican's and PacifiCorp's control areas and in any other market. As stated above, other than through its interest in MEHC, Berkshire Hathaway and its affiliates own no electric generation, transmission or distribution facilities. Other than through its interest in MEHC, Berkshire Hathaway and its affiliates also do not have any ownership interest in fuel inputs or fuel transportation facilities which may create vertical market power or barriers to entry. Thus, the Proposed Transaction should not raise competitive concerns. Each market is discussed below.

1. Effect of the Proposed Transaction upon Horizontal Markets

The Commission's regulations state that a competitive screen analysis is not required when the applicants demonstrate that "merging entities do not currently conduct business in the same geographic markets or that the extent of business transactions in the same markets is *de minimis*."³² Neither Berkshire Hathaway nor its affiliates, other than MEHC, own or control any generation, transmission, or distribution. Thus, the Proposed Transaction does not require a full horizontal competitive analysis. A zero percent "increase" is clearly *de minimis*. Therefore,

³¹ *Id.*

³² 18 C.F.R. § 33.3 (a)(2)(i) (2003).

there will be no increase in market power or concentration in any market as a result of the Proposed Transaction.

2. Effect of the Proposed Transaction upon Vertical Markets

With respect to vertical market effects, the Commission has stated: “Vertical mergers raise three types of general competitive concerns: (1) denying rival firms access to inputs or raising their input costs; (2) increased anticompetitive coordination; and (3) regulatory evasion. These potential actions can affect competition through higher prices or reduced output in the downstream output market.”³³

Other than through its interest in MEHC, Berkshire Hathaway and its affiliates have no interest in electric generation, transmission or distribution facilities. Other than through its interest in MEHC, neither Berkshire Hathaway nor its affiliates own interests in facilities or inputs used for electric power production or transmission or in fuel transportation facilities that would raise vertical market power concerns in this Application.

B. The Proposed Transaction Will Not Adversely Affect Rates

In the Merger Policy Statement, the Commission also stated that it “will focus on ratepayer protection.”³⁴ The Commission explained that it “has accepted a variety of hold harmless provisions, and parties may consider these as well as other mechanisms if they appropriately address ratepayer concerns.”³⁵ The Merger Policy Statement describes various types of protections that can be proposed, including a general hold harmless provision, “a commitment from the applicant that it will protect wholesale customers from any adverse rate

³³ *PG&E Corp. & Valero Energy Corp.*, 80 FERC ¶ 61,041 at 61,132 (1997) (footnote omitted).

³⁴ Merger Policy Statement at 30,123.

³⁵ *Id.* at 30,124.

effects resulting from the merger for a significant period of time following the merger.”³⁶ The Commission requires applicants to make clear which protections will be extended to which customers and the specific time periods for which the protections would apply. Ratepayer protections must extend to transmission customers as well as wholesale requirements customers.

The Proposed Transaction is similar to a corporate reorganization and there are expected to be very few transaction-related costs. However, as a precaution, the following “hold harmless” commitment is proposed: as a condition to consummation of the Proposed Transaction, MEHC, on behalf of MidAmerican and, if the acquisition of PacifiCorp is consummated, PacifiCorp, commits that MidAmerican and PacifiCorp will not seek to include transaction-related costs in their filed transmission revenue requirements or in rates for cost-based wholesale customers.

Many of MidAmerican’s and PacifiCorp’s wholesale power sales and transmission contracts, including the current OATT rates for both utilities, are fixed-rate contracts, thus providing an additional level of protection for those ratepayers. The fixed rates for MidAmerican’s and PacifiCorp’s wholesale power requirements and transmission services under these agreements may be changed only by making a Section 205 filing with the Commission. Accordingly, these rates cannot be modified simply for the purpose of increasing revenues in order to recover the costs of the Proposed Transaction. This offers additional protection to these ratepayers from increased rates due to transaction-related activities.

MidAmerican has four partial wholesale power requirements customers³⁷ and two full wholesale power requirements customers.³⁸ All of these customers are located in Iowa. Three of

³⁶ *Id.*

³⁷ These customers are the Cities of Breda, Wall Lake, Lake View, and Fonda.

MidAmerican's four partial wholesale power requirements customers and one of its two full wholesale power requirements customers have rates based on pricing formulae. The inputs to these pricing formulae vary annually and are based on data from MidAmerican's utility accounts. The hold harmless commitment will apply to and protect these customers. The other customers receive service pursuant to fixed-rate contracts and MidAmerican is unable to modify its transmission service rates for these customers in order to increase revenues to recover costs of the Proposed Transaction without making a Section 205 filing.

In addition to the wholesale power requirements agreement customers discussed above and its OATT customers (served under fixed rates), MidAmerican has pre-Order No. 888³⁹ transmission agreements with eight transmission service customers.⁴⁰ With respect to the eight MidAmerican transmission customers that receive transmission services under thirteen separate fixed-rate agreements, MidAmerican is unable to modify its rates for transmission service to these customers in order to increase revenues to recover the costs of the Proposed Transaction without making a Section 205 filing. Also, MidAmerican provides transmission service to the City of Cedar Falls under three separate agreements, two based on cost-based rates, costs that

³⁸ MidAmerican provides full capacity and energy requirements to the City of Carlisle, under formula rates with fixed inputs. MidAmerican also provides fully capacity and energy requirements to the City of Pocahontas.

³⁹ *Promoting Wholesale Competition Through Open Access Non-Discriminatory Transmission Services by Public Utilities; Recovery of Stranded Costs by Public Utilities and Transmitting Utilities*, Order No. 888, 1991-1996 FERC Stats. & Regs., Regs. Preambles ¶ 31,036 (1996), *order on reh'g*, Order No. 888-A, 1996-2000 FERC Stats. & Regs., Regs. Preambles ¶ 31,048, *order on reh'g*, Order No. 888-B, 81 FERC ¶ 61,248 (1997), *reh'g denied*, Order No. 888-C, 82 FERC ¶ 61,046 (1998), *aff'd in part and remanded in part sub nom. Transmission Access Policy Study Group v. FERC*, 225 F.3d 667 (D.C. Cir. 2000), *aff'd sub nom. New York v. FERC*, 535 U.S. 1 (2002).

⁴⁰ Cedar Falls Utilities; Corn Belt Power Cooperative; WAPA; Harlan Municipal Utilities; Atlantic Municipal; Central Iowa Power Cooperative; Tipton Municipal Utilities; and Alliant Energy Corporation. MidAmerican also acts as operator for transmission facilities jointly owned with municipal utilities under several operating agreements. Under these agreements, costs for operation, maintenance, capacity losses, and energy losses are allocated in proportion to ownership interests. MidAmerican does not believe that the Proposed Transaction would have any effect on such costs.

vary annually and a third based on a fixed rate. The hold harmless commitment will apply to these cost-based rate agreements and protect the City of Cedar Falls.

PacifiCorp has six fixed-rate requirements customers⁴¹ and ten fixed-rate transmission customers.⁴² Because these contracts are fixed-rate contracts, PacifiCorp is unable to modify its rates for sales to these customers in order to increase revenues to recover the costs of the Proposed Transaction without making a Section 205 filing.

C. The Proposed Transaction Will Not Adversely Affect Regulation

Pursuant to Order No. 642, the Commission requires applicants to evaluate the effect of a merger or other proposed transaction on regulation both at federal and state levels. The Commission has indicated that it may set a Section 203 application for hearing if: (i) the combined entity would be part of a registered holding company under PUHCA and the applicants do not commit to abide by the Commission's policies on the pricing of non-power goods and services between affiliates; or (ii) the affected state commission does not have authority to act on the proposed transaction and raises concerns about the effect on regulation.⁴³ Neither of these concerns is raised by the Proposed Transaction, which will have no adverse impact on regulation.

The Commission explained in the Merger Policy Statement that with the formation of a registered public utility holding company as a result of merger, the attendant jurisdiction of the

⁴¹ These customers include Brigham City, Town of Deaver, Helper City, Navajo Tribal Utility Authority, Portland General Electric Company ("PGE"), and Price City. These customers represent a total average monthly demand of approximately 30 MW.

⁴² PacifiCorp has ten fixed-rate transmission customers under sixteen agreements: Bonneville Power Administration ("BPA"), Public Utility District No. 1 of Cowlitz County, Fall River Rural Electric Cooperative, Idaho Power Company, Moon Lake Electric Association, Pacific Gas and Electric Company, PGE, Tri-State Generation and Transmission Association, Inc., USBR, and WAPA. Of the sixteen contracts, eleven contain *Mobile-Sierra (United Gas Pipe Line Co. v. Mobile Gas Serv. Corp., 350 U.S. 332 (1956) ("Mobile")*, and *FPC v. Sierra Pac. Co., 350 U.S. 348 (1956) ("Sierra")*) protection and the remainder explicitly require a Section 205 filing for modification.

⁴³ Order No. 642 at 31,914-15.

Securities and Exchange Commission (“SEC”) may affect the Commission’s regulatory authority under the FPA.⁴⁴ However, due to PUHCA repeal, neither Berkshire Hathaway nor MEHC will become a registered public utility holding company under PUHCA. The Proposed Transaction will not close until the PUHCA repeal is effective. Thus, the issues raised by the Commission in the Merger Policy Statement are not a concern here. MidAmerican and PacifiCorp will follow the Commission’s policy regarding the pricing of affiliate transactions for non-power goods and services, and MidAmerican, PacifiCorp and their affiliates will remain subject to the Commission’s regulation regarding wholesale ratemaking impacts of affiliate non-power transactions. There exists no potential concern regarding the preemptive effect of SEC jurisdiction under the holding in *Ohio Power*. However, while PUHCA is in effect, Berkshire Hathaway and MEHC waive any defenses to which they may be entitled under *Ohio Power*.

As noted above, MidAmerican’s rates and terms and conditions of retail electric service are regulated by the Iowa Utilities Board, the Illinois Commerce Commission, and the South Dakota Public Utilities Commission, and PacifiCorp’s retail electric service is regulated by the Public Service Commission of Utah, the Oregon Public Utility Commission, the Wyoming Public Service Commission, the Washington Utilities and Transportation Commission, the Idaho Public Utilities Commission and the California Public Utilities Commission. The Proposed Transaction will not result in the loss of jurisdiction over such matters by any state regulatory authority. Thus, each of the state commissions that currently regulate the retail rates of MidAmerican and PacifiCorp will continue to regulate those rates after the Proposed Transaction to the same extent as before. These state commissions have authority to protect retail customers.

⁴⁴ Merger Policy Statement at 30,124-25.

Given the discussion above, it is clear that the Proposed Transaction will have no adverse effects on federal or state regulation.

IV. LONG-TERM TRANSMISSION PLANS: EXPAND REGIONAL TRANSMISSION COORDINATION

Separate and apart from the Proposed Transaction, on July 22, 2005 in Docket No. ER05-1235-000, MidAmerican made a Section 205 filing with the Commission that included a Transmission Services Coordinator (“TSC”) proposal, similar to the Entergy Services, Inc. (“Entergy”) Independent Coordinator of Transmission (“ICT”) proposal, applicable to the MidAmerican system. MidAmerican’s TSC proposal has a westward focus and is an effort to coordinate MidAmerican’s transmission with the transmission of other transmission owners (primarily public power entities) in the western region of the Mid-Continent Area Power Pool (“MAPP”) footprint. The TSC proposal is expected to enhance coordination of transmission systems and thereby help promote development of a robust transmission grid to support reliable, competitive electric power markets in the region. PacifiCorp’s long-term transmission plans include its continued active support for the development of Grid West, a proposed regional transmission entity and independent transmission provider in British Columbia, California, Idaho, Montana, Oregon, Nevada, Utah, Washington and Wyoming. In addition, contingent on MEHC’s acquisition of PacifiCorp, both MidAmerican and PacifiCorp plan to adopt Market Monitors.⁴⁵

V. INFORMATION REQUIRED BY PART 33 OF THE COMMISSION’S RULES

The following portion of this Application responds to the Commission’s requirements in Part 33 of the Commission’s Regulations. Applicants have provided all information necessary to

⁴⁵ See Application at 27-31 and Attach. 2, *MidAmerican Energy Holdings Co., et al.*, Docket No. EC05-110-000 (July 22, 2005).

determine that the Proposed Transaction is consistent with the public interest, as required under Section 203 of the FPA. To the extent this Application omits any information required under Part 33 of the Commission's regulations, Applicants respectfully request waiver of such regulations.

A. Applicants' Names and Principal Business Addresses, Section 33.2(a)

The exact names and addresses of the Applicants are:

Berkshire Hathaway Inc.
1440 Kiewit Plaza
Omaha, NE 68131

MidAmerican Energy Holdings Company
666 Grand Avenue
Des Moines, Iowa 50309

MidAmerican Energy Company
666 Grand Avenue
Des Moines, Iowa 50309

B. Notices, Section 33.2(b)

Applicants request that all notices and communications regarding this Application be sent to:

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Counsel for MidAmerican Energy Company

C. Description of the Applicants, Section 33.2(c)

See Parts II.A–II.C, above, and Exhibit A through G, attached.

D. Description of the Jurisdictional Facilities Owned and Operated or Controlled by Applicants, Their Parents or Affiliates, Section 33.2(d)

See Part II, above, and Exhibit G.

E. Narrative Description of the Proposed Transaction, Section 33.2(e)

A narrative description of the Proposed Transaction is provided in Part II.F, above.

F. Contracts With Respect to the Proposed Transaction, Section 33.2(f)

See Exhibit I.

G. The Proposed Transaction is Consistent with the Public Interest, Section 33.2(g)

See Part III, above.

H. Geographic Scope, Section 33.2(h)

See Part II, above, and Exhibit K, attached.

I. Regulatory Approvals, Section 33.2(i)

Exhibit L contains a description and copies of all licenses, orders and approvals from governmental regulatory bodies that Applicants must obtain to consummate the Proposed Transaction.

J. Proposed Accounting Entries, Section 33.5

The Proposed Transaction is a conversion of the stock of MEHC. It is expected that any accounting entries will be recorded at Berkshire Hathaway. Neither Berkshire Hathaway nor MEHC are subject to FERC jurisdiction, and neither is required to use the Commission's Uniform System of Accounts. Accordingly, no modification to the books and records of the FERC-jurisdictional entities, MidAmerican and PacifiCorp, is anticipated.

K. Transmission Information, 33.3(d)

Section 33.3(d) of the Commission's regulations requires applicants to support a delivered price test with data and information used in calculating the economic capacity and available economic capacity that a potential supplier could deliver to a destination market. Because no delivered price test is required, this section is inapplicable.

VI. NOTICE AND VERIFICATIONS

Attachment 1 contains a draft notice suitable for publication in the *Federal Register*. An electronic version of the draft notice is also being submitted on a 3.5 inch diskette in Microsoft Word.

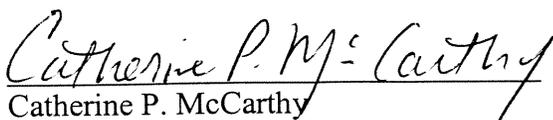
Verifications required by Section 33.7 are attached as Attachment 2.

A copy of this Application will be sent to the transmission and wholesale power requirements customers of MidAmerican and PacifiCorp and to the state public utility commissions that regulate MidAmerican and PacifiCorp for delivery on Monday, August 1, 2005.⁴⁶ In addition, MidAmerican and PacifiCorp plan to post a copy of this Application, including the Attachments and Exhibits thereto, on each of their Internet websites.

⁴⁶ The package being sent to these entities includes a hard copy of the application only and a CD with a pdf version of the entire package – the application as well as the attachments and exhibits thereto.

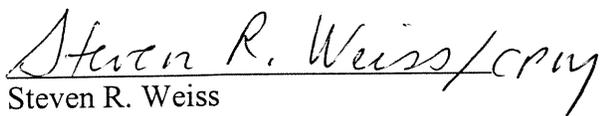
VII. CONCLUSION

WHEREFORE, for the foregoing reasons, the Applicants respectfully request that the Commission approve by November 17, 2005, without modification, condition or hearing, the indirect transfer of control of MidAmerican, and, if approved in Docket No. EC05-110-000, PacifiCorp, through the Proposed Transaction pursuant to Section 203 of the FPA, and grant the requested waivers and confirmations.



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Respectfully submitted,



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*Counsel for MidAmerican Energy Holdings
Company*

Dated: July 29, 2005

LIST OF EXHIBITS AND ATTACHMENTS

Attachment 1	Notice of Filing
Attachment 2	Verifications
Exhibit A	Description of the Applicants' business activities
Exhibit B	List of Applicants' energy affiliates and subsidiaries
Exhibit C	Organizational charts depicting pre- and post-transaction structure of the Applicants
Exhibit D	Description of joint ventures, strategic alliances, tolling arrangements and similar business arrangements
Exhibit E	A list of common officers and directors of Applicants and their affiliates
Exhibit F	Description and location of wholesale power sales customers and unbundled transmission services
Exhibit G	Description of jurisdictional facilities owned, operated or controlled by Applicants and associate companies
Exhibit H	Jurisdictional facilities affected by the Proposed Transaction
Exhibit I	Documents governing the Proposed Transaction
Exhibit J	Consistency with Public Interest
Exhibit K	Map of Applicants' jurisdictional facilities
Exhibit L	Necessary regulatory approvals

ATTACHMENT 1
DRAFT NOTICE OF FILING

**UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION**

Berkshire Hathaway Inc.) **Docket No. EC05-_____**
MidAmerican Energy Company)
MidAmerican Energy Holdings Company)

NOTICE OF FILING

Take notice that on July 29, 2005, Berkshire Hathaway Inc. (“Berkshire Hathaway”), MidAmerican Energy Company (“MidAmerican”), and MidAmerican Energy Holdings Company filed with the Federal Energy Regulatory Commission an application pursuant to Section 203 of the Federal Power Act for approval of an indirect transfer of control of MidAmerican, and possibly PacifiCorp, to Berkshire Hathaway. Applicants respectfully request that the Commission approve the proposed transaction by no later than November 17, 2005.

Any person desiring to intervene or to protest this filing should file with the Federal Energy Regulatory Commission, 888 First Street, N.E., Washington, D.C. 20426, in accordance with Rules 211 and 214 of the Commission’s Rules of Practice and Procedure (18 C.F.R. § 385.211 and § 385.214) (2003). Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. All such motions or protests should be filed on or before the comment date, and, to the extent applicable, must be served on the applicant and on any other person designated on the official service list. This filing is available for review at the Commission or may be viewed on the Commission’s web site at <http://www.ferc.gov> using the eLibrary (FERRIS) link. Enter the docket number excluding the last three digits in the docket number filed to access the document. For assistance, contact FERC Online Support at FERCOnlineSupport@ferc.gov or toll free at (866)208-3676, or for TTY, contact (202)502-8659. Protests and interventions may be filed electronically via the Internet in lieu of paper; see 18 C.F.R. § 385.2001(a)(1)(iii) (2003) and the instructions on the Commission’s web site under the “e-Filing” link. The Commission strongly encourages electronic filings.

Comment Date: _____, 2005

Magalie R. Salas

Secretary

ATTACHMENT 2

VERIFICATIONS PURSUANT TO 18 CFR § 33.7

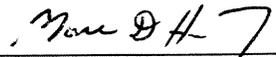
**UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION**

Berkshire Hathaway Inc.) **Docket No. EC05-_____**
MidAmerican Energy Company)
MidAmerican Energy Holdings Company)

VERIFICATION PURSUANT TO 18 C.F.R. § 33.7

STATE OF NEBRASKA)
)
COUNTY OF DOUGLAS)

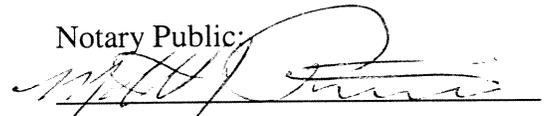
Marc D. Hamburg, being duly sworn upon oath, states that he is the Chief Financial Officer of Berkshire Hathaway Inc., an applicant in this proceeding; that he has read the foregoing Application, attachments and exhibits; that he knows the contents thereof; that the statements made therein with respect to Berkshire Hathaway Inc. and its affiliates are true and correct to the best of his knowledge; and that he has full power and authority to sign this document on behalf of Berkshire Hathaway Inc.



Name: Marc D. Hamburg
Title: Chief Financial Officer

Subscribed and sworn to before me on this 28th day of July 2005.

Notary Public:



Commission Expires:
April 21, 2009



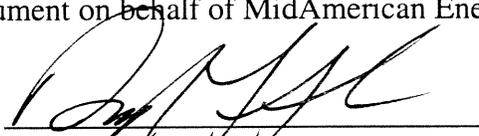
**UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION**

Berkshire Hathaway Inc.) **Docket No. EC05-_____**
MidAmerican Energy Company)
MidAmerican Energy Holdings Company)

VERIFICATION PURSUANT TO 18 C.F.R. § 33.7

STATE OF NEBRASKA)
)
COUNTY OF DOUGLA)

Douglas L. Anderson, being duly sworn upon oath, states that he is the Senior Vice President and General Counsel of MidAmerican Energy Holdings Company, an applicant in this proceeding; that he has read the foregoing Application, attachments and exhibits; that he knows the contents thereof; that the statements made therein with respect to MidAmerican Energy Holdings Company and its affiliates are true and correct to the best of his knowledge; and that he has full power and authority to sign this document on behalf of MidAmerican Energy Holdings Company.



Name: Douglas L. Anderson
Title: Senior Vice President and General Counsel

Subscribed and sworn to before me on this 23rd day of July 2005.

Notary Public: 

Commission Expires: April 21, 2009

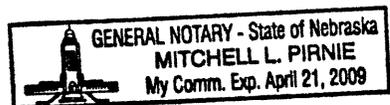


EXHIBIT A

All business activities of the Applicants, including authorizations by charter or regulatory approval.

The business activities of the Applicants are described in Parts II.A–II.C of this Application.

EXHIBIT B

A list of all energy subsidiaries and energy affiliates, percentage ownership interest in such subsidiaries and affiliates, and a description of the primary business in which each energy subsidiary and affiliate is engaged.

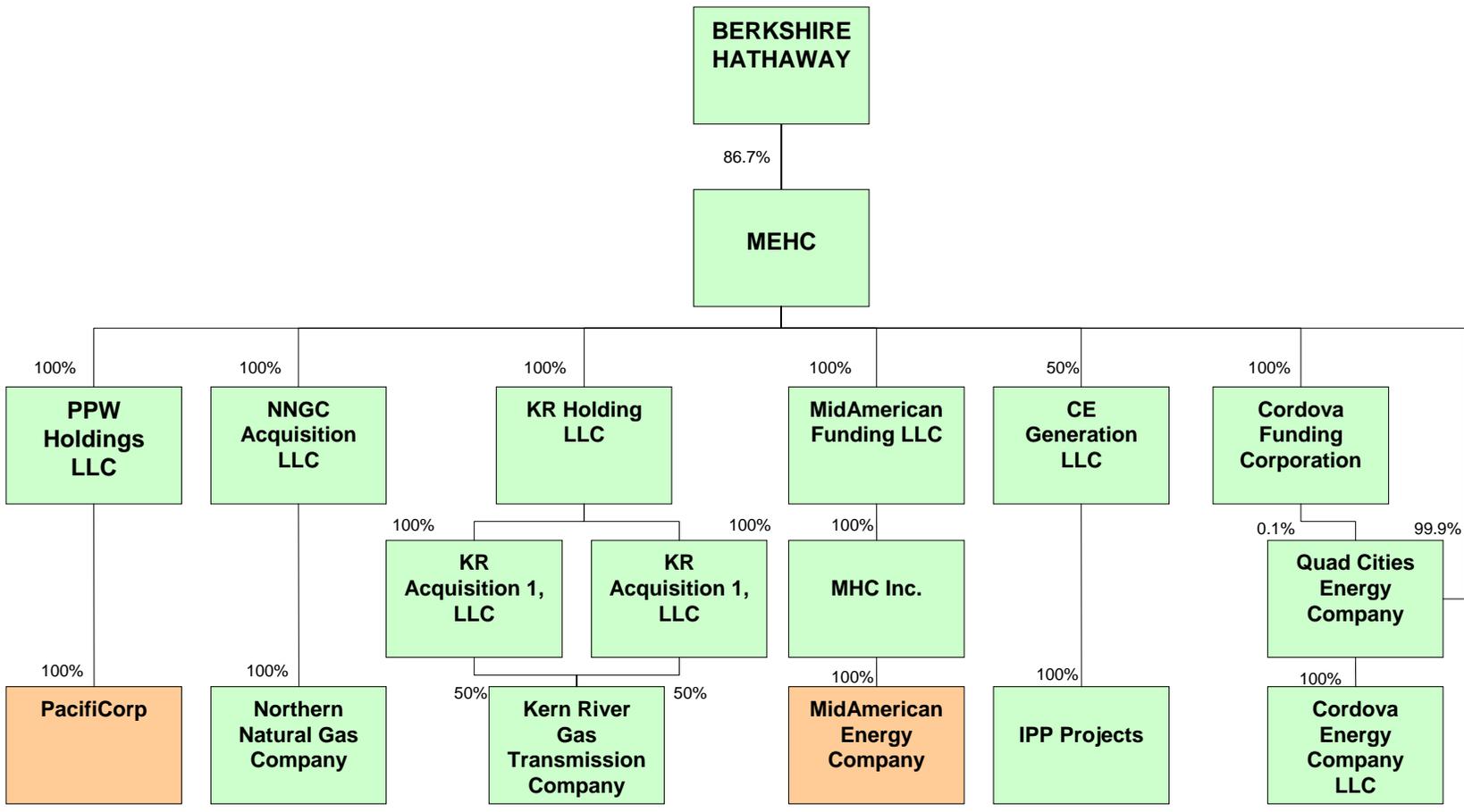
The Applicants's energy subsidiaries are described in Part II.E of this Application.

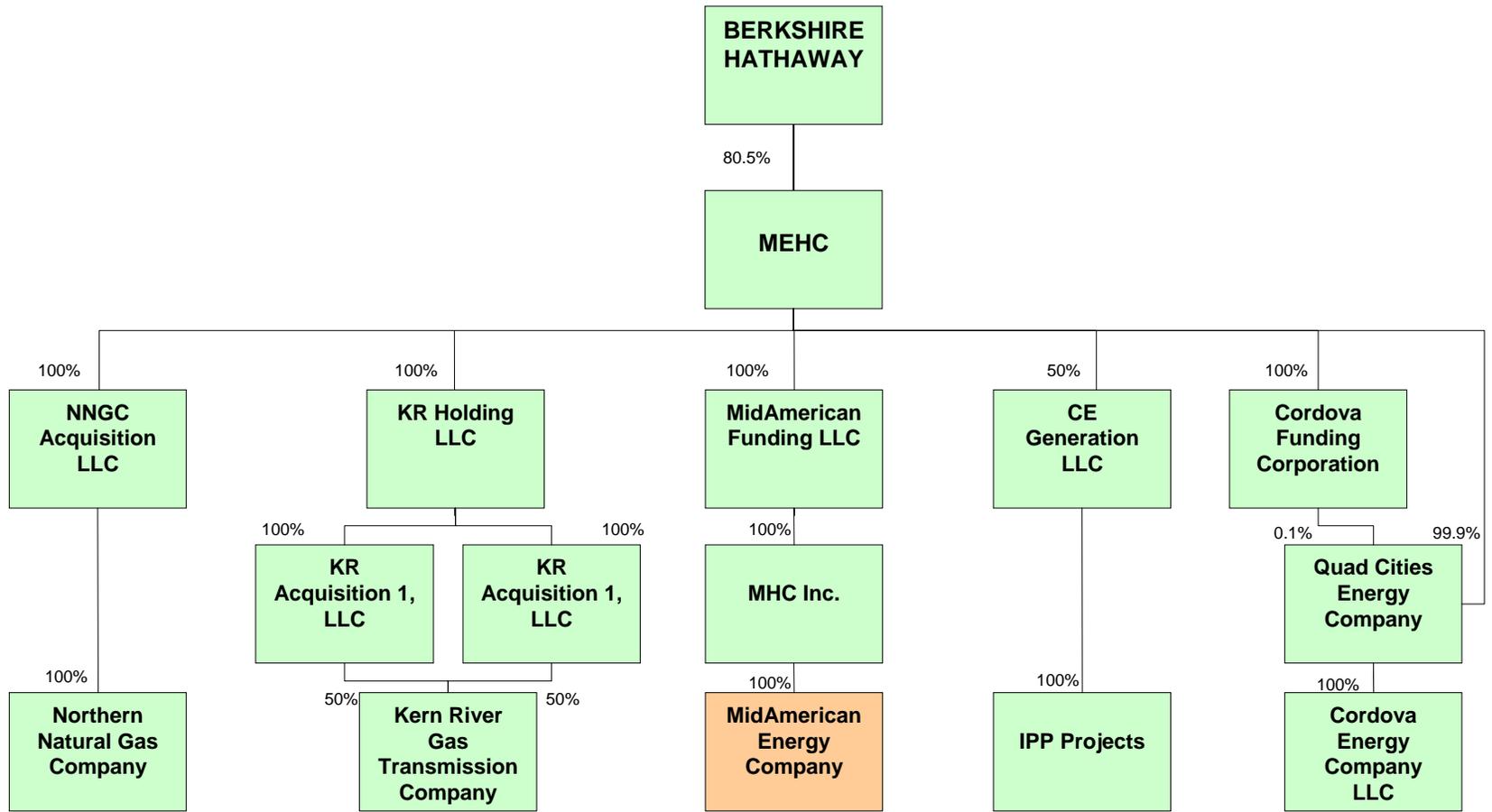
EXHIBIT C

Organizational charts depicting the Applicants' current and proposed post-transaction corporate structures (including any pending authorized but not implemented changes) indicating all parent companies, energy subsidiaries and energy affiliates unless the Applicants demonstrate that the Proposed Transaction does not affect the corporate structure of any party to the transaction.

Attached are one chart showing the pre-transaction organization of the Applicants and two charts showing the post-transaction organization of the Applicants. The two post-transaction charts show the corporate organization without and with the proposed PacifiCorp acquisition described in Docket No. EC05-110-000.

Except as depicted in these organizational charts, the Proposed Transaction does not affect the ownership of any other affiliated company and Section 33.2(c)(3) permits Applicants to omit further detail for such entities.





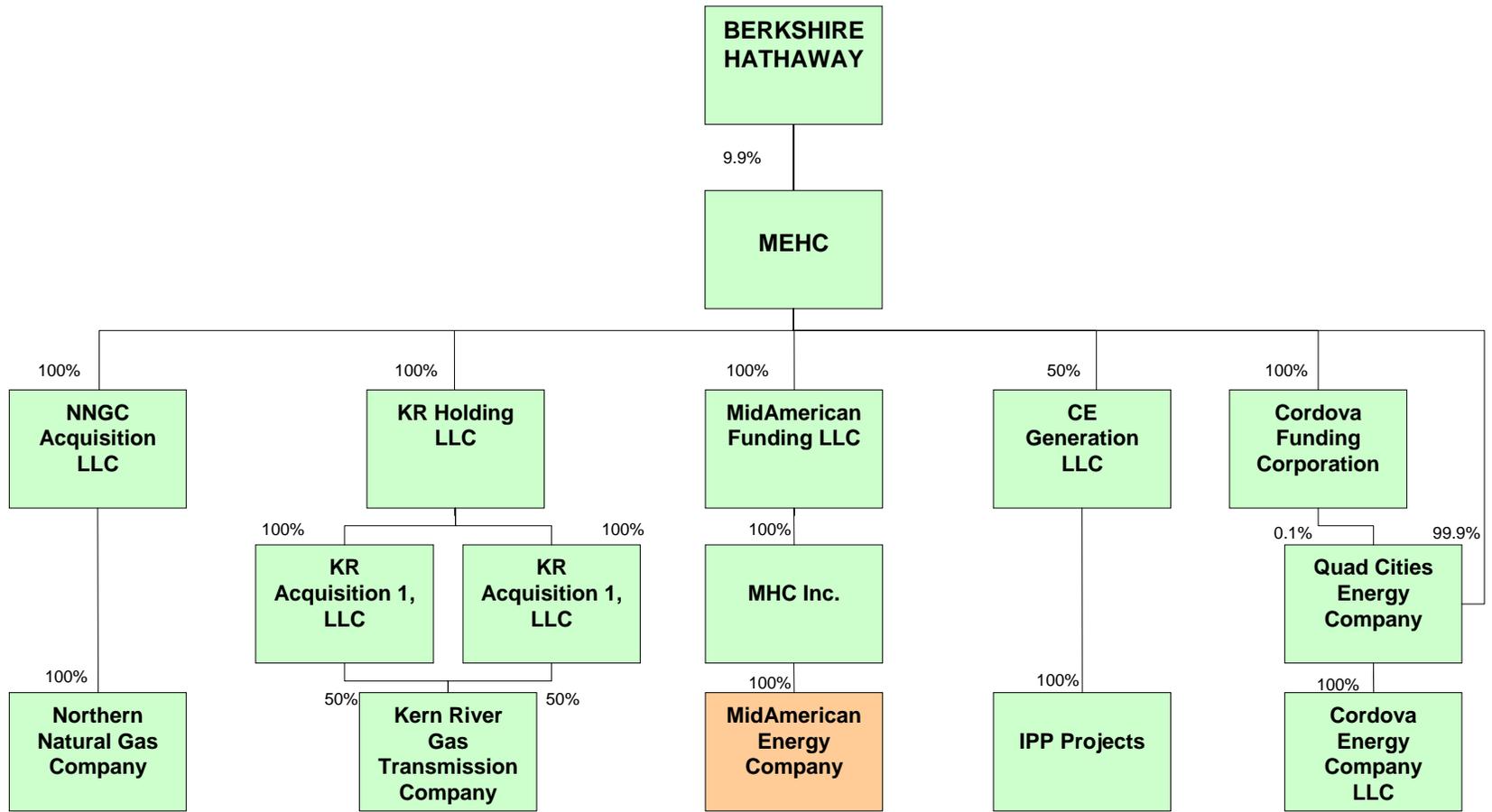


EXHIBIT D

A description of all joint ventures, strategic alliances, tolling arrangements or other business arrangements, including transfers of operational control of transmission facilities to Commission approved RTOs, both current, and planned to occur within a year from the date of the filing, to which the Applicants or their parent companies, energy subsidiaries, and energy affiliates are parties, unless the Applicants demonstrate that the Proposed Transaction does not affect any of its business interests.

Part II of the Application describes Applicants' businesses in detail. Also, MidAmerican's and PacifiCorp's long-term transmission plans to expand regional transmission coordination are discussed in Part IV of the Application. Because the Proposed Transaction will not alter any business interest, other than as described elsewhere in the application, Section 33.2(c)(4) does not require Applicants to provide information in response to Exhibit D.¹ Nevertheless, in order to ensure full disclosure, below is a list of certain relevant Exhibit D information pertaining to MidAmerican Energy Company ("MidAmerican"), PacifiCorp, and CE Generation, LLC. In addition, Applicants request a waiver of the requirements to provide Exhibit D information as to Berkshire Hathaway and MidAmerican Energy Holdings Company ("MEHC") to the extent that the exhibit requirement applies to information unrelated to the energy industry. Such information would be immaterial to the Application.

The ownership interest of MEHC in generation for MidAmerican and CE Generation, LLC as well as the ownership interest of PacifiCorp in generation appears below.

¹ See *PNM Res., Inc.*, 110 FERC ¶ 61,204 (2005).

MidAmerican Energy Company

	Control Area	Fuel	Share	Net MW
Council Bluffs 3	MEC	Coal	79%	546
Council Bluffs 4	MEC	Coal-Plan	60%	471
Louisa	MEC	Coal	88%	616
Neal 3	MEC	Coal	72%	371
Neal 4	MEC	Coal	41%	261
Ottumwa	ALTW	Coal	52%	349

CE Generation, LLC

	Control Area	Fuel	Share	Net MW
CE Turbo-Imperial Valley	IID	GEO	50%	5
Del Ranch-Imperial Valley	IID	GEO	50%	19
Elmore-Imperial Valley	IID	GEO	50%	19
Leathers-Imperial Valley	IID	GEO	50%	19
Salton Sea I	IID	GEO	50%	5
Salton Sea II	IID	GEO	50%	10
Salton Sea III	IID	GEO	50%	25
Salton Sea IV	IID	GEO	50%	20
Salton Sea V	IID	GEO	50%	25
Vulcan/BN Geothermal	IID	GEO	50%	17
Yuma Cogeneration Associates	APS	Gas	50%	25
Power Resources-Big Spring	ERCOT	Gas	50%	106
Saranac Power Partners	NYISO	Gas	37.5%	90

PacifiCorp

	Control Area	Fuel	Share	Net MW
Foote Creek 1	PACE	Wind	79%	33
Hunter 1	PACE	Coal	94%	403
Hunter 2	PACE	Coal	60%	259
Wyodak 1	PACE	Coal	80%	268
Colstrip 3-4	PACW	Coal	10%	148
Hermiston CC	PACW	Gas	50%	472 ²
Jim Bridger 1-4	PACW	Coal	67%	1,413
Hayden 1	PSCO	Coal	25%	45
Hayden 2	PSCO	Coal	13%	33
Craig 1-2	WACM	Coal	19%	163

² PacifiCorp controls the dispatch of this unit, so 100% of the unit's capacity is reflected in this table.

With respect to joint ventures, through its affiliates, TransAlta Corporation, a Canadian corporation, (“TransAlta”) holds a 50% ownership interest in CE Generation, LLC and MEHC holds the remaining 50% ownership interest. TransAlta also has certain rights to participate with MEHC in the development of new geothermal power project opportunities in the “Salton Sea Known Geothermal Resource Area” which is generally located in Imperial County, California. TransAlta and MEHC have also agreed to discuss development of power generation projects in Canada, United States and Mexico. Certain affiliates of MEHC are involved in power generation projects located in the Philippines, some of which have minority equity participants. In addition, affiliates of MEHC are involved in international material gas exploration and production and participate in joint ventures and other similar business arrangements in this regard. Affiliates of MEHC may have other investments and business arrangements with third parties which are not material to MEHC’s business.

PacifiCorp has two joint ventures, Trapper Mining Inc. and Bridger Coal Company. Trapper Mining Inc. is a Delaware corporation in which PacifiCorp holds a 21.40% interest and operates a surface coal mine near Craig, Colorado. PacifiCorp also has an indirect 66.66% interest in Bridger Coal Company. Bridger Coal Company is a Wyoming corporation and operates the Jim Bridger coal mine near Rock Springs, Wyoming.

Because the Proposed Transaction will not alter any of the arrangements described in this exhibit or other arrangements of the Applicants' affiliates or subsidiaries, Section 33.2(c)(4)³

³ 18 C.F.R. 33.2(c)(4) (2002).

permits Applicants to omit any further description. The Commission has approved analogous applications under Section 203 based on similar facts.⁴

⁴ See *Am. Ref-Fuel Co. of Essex County, et al.*, 103 FERC ¶ 62,078 (2003); *Caledonia Generating, LLC, et al.*, 100 FERC ¶ 62,032 (2002); *Pedricktown Cogeneration L.P.*, 98 FERC ¶ 62,217 (2002); *Cogentrix/Batesville, LLC*, 94 FERC ¶ 62,208 (2001).

EXHIBIT E

The identity of common officers or directors of parties to the Proposed Transaction.

Berkshire Hathaway Inc.

Warren Buffet	Chairman; Chief Executive Officer
Marc D. Hamburg	Vice President and Treasurer
Walter Scott, Jr.	Director

MidAmerican Energy Company

Keith D. Hartje	Senior Vice President
Brian K. Hankel	Director; Vice President and Treasurer
Steven R. Evans	Vice President
Russell H. White	Vice President
Cathy S. Woollums	Vice President

MidAmerican Energy Holdings Company

Warren Buffet	Director
Marc D. Hamburg	Director
Walter Scott, Jr.	Director
Keith D. Hartje	Senior Vice President and Chief Administrative Officer
Brian K. Hankel	Vice President and Treasurer
Steven R. Evans	Vice President, Taxation
Russell H. White	Vice President, General Services
Cathy S. Woollums	Vice President, Environmental Services

There are currently no common officers or directors between (i) Berkshire Hathaway, MidAmerican, and MEHC, and (ii) PacifiCorp.

EXHIBIT F

A description and location of wholesale power sales customers and unbundled transmission services customers served by the Applicants or their parent companies, subsidiaries, affiliates and associate companies.

The wholesale power sales requirements customers (full and partial) and unbundled transmission services customers of MidAmerican Energy Company (“MidAmerican”) and PacifiCorp and the rates pursuant to which those customers receive service are described in Part III.B of the Application.

In addition, attached hereto are documents identifying the unbundled transmission customers for each of PacifiCorp and MidAmerican. The customer lists include each customer’s address. Also attached hereto are customer lists, with addresses, for wholesale power sales customers of each of PacifiCorp and MidAmerican. Information about sales to wholesale power sales customers and unbundled transmission customers is also included in the Electric Quarterly Reports for both MidAmerican and PacifiCorp.

As noted in Part II.E.2, an affiliate of MidAmerican Energy Holdings Company (“MEHC”), CE Generation, LLC (“CE Generation”), has an ownership interest in qualifying facilities (“QFs”) and an exempt wholesale generator (“EWG”). Other than certain limited interconnection facilities necessary to interconnect the generators to the transmission grid, CE Generation has no interest in any transmission facilities. Part II.E.2 identifies each of the wholesale power sales customers of the QFs and the EWG owned by CE Generation and provides details relating to the corresponding contracts. Part II.E.5 provides information about the customer of Cordova Energy Company LLC (“Cordova”). Cordova, an indirect wholly owned subsidiary of MEHC, is an EWG with a market-based rate schedule on file with the Commission. Further information regarding Cordova’s sales can be found in its Electronic

Quarterly Reports. MEHC also is affiliated with InterCoast Power Marketing Company (“InterCoast”), an inactive power marketer. InterCoast has no customers and filed with the Commission on July 18, 2005 to terminate its market-based rate schedule.

MidAmerican Energy Company
Unbundled Transmission Service Customers

1. Ames Municipal Electric System
502 Carroll Avenue, P.O. Box 811
Ames, IA 50010
Firm Point-to-Point Customer
Contract demand: 22,000 kW
Contract expired April 30, 2005
Energy Supplier: Self-Supply

2. City of Breda, Iowa
108 North Street
Breda, IA 51436
Network Integration Transmission Service Customer
Annual peak demand: 978 kW
Contract continues year-to-year subject to 6 months written notice
Energy Supplier: Western Area Power Administrator

3. City of Buffalo, Iowa
409 3rd Street
Buffalo, IA 52728
Network Integration Transmission Service Customer
Annual peak demand: 1,303 kW
Contract extends through December 31, 2014
Energy Supplier: Municipal Energy Agency of Nebraska

4. City of Carlisle, Iowa
195 N. First Street, P.O. Box 430
Carlisle, IA 50047
Network Integration Transmission Service Customer
Annual peak demand: 5,381 kW
Contract extends through March 1, 2008
Energy Supplier: MidAmerican Energy Company, Electric Trading

5. Cedar Falls Utilities
Utility Parkway, P.O. Box 769
Cedar Falls, IA 50613
Firm Point-to-Point Customer
Contract demand: 6,000 kW
Contract extends through December 31, 2005
Energy Supplier: Self-Supply

6. Corn Belt Power Cooperative
1300 13th Street North
Humboldt, IA 50548
Network Integration Transmission Service Customer, as agent for City of Auburn, Iowa
Annual peak demand: 527 kW
Contract extends through January 1, 2014
Energy Supplier: Corn Belt
7. Corn Belt Power Cooperative
1300 13th Street North
Humboldt, IA 50548
Firm Point-to-Point Customer, as agent for City of Callender, Iowa
Annual peak demand: 571 kW
Contract extends through January 1, 2015
Energy Supplier: Corn Belt
8. City of Denver, Iowa
P.O. Box 394
Denver, IA 50622
Network Integration Transmission Service Customer
Annual peak demand: 2,690 kW
Contract extends through April 30, 2007
Energy Supplier: MidAmerican Energy Company, Electric Trading
9. Eldridge Municipal Utilities
305 North Street
Eldridge, IA 52748
Network Integration Transmission Service Customer
Annual peak demand: 8.786 kW
Contract extends through April 30, 2015
Energy Supplier: MidAmerican Energy Company, Electric Trading
10. City of Fonda, Iowa
P.O. Box 367
Fonda, IA 50540
Network Integration Transmission Service Customer
Annual peak demand: 1,160 kW
Contract extends through December 31, 2010
Energy Supplier: Western Area Power Administration

11. Geneseo Municipal Utilities
433 East North
Geneseo, IL 61254-1461
Network Integration Transmission Service Customer
Annual peak demand: 14,600 kW
Contract continues subject to one year's written notice
Energy Supplier: Utilities Plus
12. Harlan Municipal Utilities
405 Chatburn Avenue
Harlan, IA 51537
Firm Point-to-Point Customer
Umbrella agreement
Contract continues subject to two years' written notice
Energy Supplier: Self-Supply
13. Indianola Municipal Utilities
111 South Buxton, P.O. Box 445
Indianola, IA 50125
Network Integration Transmission Service Customer
Annual peak demand: 29,995 kW
Contract extends through December 31, 2006
Energy Supplier: MidAmerican Energy Company, Electric Trading
14. City of Lake View, Iowa
305 Main Street
Lake View, IA 51450
Network Integration Transmission Service Customer
Annual peak demand: 4,405 kW
Contract extends through December 31, 2020
Energy Supplier: Western Area Power Administration
15. Montezuma Municipal Light and Power
501 East Main, P.O. Box 340
Montezuma, IA 50171
Network Integration Transmission Service Customer
Annual peak demand: 6, 209 kW
Contract extends through April 30, 2007
Energy Supplier: MidAmerican Energy Company, Electric Trading

16. City of Pella, Iowa
519 Oskaloosa Street
Pella, IA 50219
Firm Point-to-Point Customer
Contract demand: 30,000 kW
Contract extends through December 31, 2025
Energy Supplier: Self-Supply
17. Resale Power Group of Iowa
C/O Traer Municipal Utilities
649 Second Street
Traer, IA 50675
Network Integration Transmission Service Customer, as agent for the City of Hudson, Iowa
Annual peak demand: 3,188 kW
Contract extends through December 31, 2008
Energy Supplier: Cedar Falls Utilities
18. City of Sergeant Bluff, Iowa
401 4th Street
Sergeant Bluff, IA 51054
Network Integration Transmission Service Customer
Annual peak demand: 7,720 kW
Contract extends through December 31, 2014
Energy Suppliers: Western Area Power Administration and Municipal Energy Agency of Nebraska
19. City of Wall Lake, Iowa
P.O. Box 27
Wall Lake, IA 51466
Network Integration Transmission Service Customer
Annual peak demand: 2,310 kW
Contract continues from year-to-year subject to one year's written notice, not to exceed December 31, 2020
Energy Supplier: Western Area Power Administration
20. Waverly Light and Power
1002 Adams Parkway, P.O. Box 329
Waverly, IA 50677
Network Integration Transmission Service Customer
Annual peak demand: 24,744 kW
Contract extends through January 31, 2010
Energy Supplier: Self-Supply and MidAmerican Energy Company, Electric Trading

PacifiCorp Unbundled Transmission Customers

Basin Electric Power Cooperative	1717 East Interstate Avenue, Bismarck ND 58503-0564
Black Hills Power & Light Company	409 Deadwood Avenue, P.O. Box 1400, Rapid City, SD 57701
Bonneville Power Administration	905 NE 11th Ave, Portland OR 97232
	7600 NE 41st Street, Suite 201 (98662), P.O. Box 61409, Vancouver, WA 98666-1409
Bonneville Power Administration	
Bridger Valley Rural Elec. Assoc.	US Hwy 30 S, P.O. Box 399, Mountain View, WY 82939
Cargill-Alliant, LLC	12700 Whitewater Dr. Mail Stop #53, Minnetonka, MN 55343-9439
Conoco	600 N Dairy Ashford CH1081, Houston, TX 77079-6651
Coral Power	909 Fannin, Suite 700, Houston, TX 77010
Deseret Generation & Transmission	10714 S. Jordan Gateway, Suite 300, South Jordan, UT 84095
Eugene Water & Electric Board	500 East 4th Avenue, P.O. Box 10148, Eugene, OR 97440
Fall River Rural Electric Coop.	714 Main Street, P.O. Box 830, Ashton, ID 83420
Flathead Electric Cooperative Inc.	2510 Highway 2 East, Kalispell, MT 59901
Idaho Power Company	1221 W Idaho St, Boise, ID 83720, PO Box 70, Boise, ID 83707
J. Aron & Company	85 Broad Street, New York, NY 10004
Moon Lake Electric Association	P.O. Box 278, Roosevelt, UT 84066, 188 West 2nd North
Morgan Stanley Capital Group, Inc.	1585 Broadway, 4th Floor Commodities, New York, NY 10036
Pacific Gas & Electric Company	945 Cottonwood Rd., Oroville CA 95965
Portland General Electric Company	121 SW Salmon Street, Portland Oregon 97204
Powder River Energy Corporation	221 Main Street, SUNDANCE WY 82729
Powerex	666 Burrard Street, Vancouver BC V6C2X8, CANADA
PPL Montana, LLC	45 Basin Creek Road, Butte MT 59701-9704
PPM Energy	1125 NW Couch St, PORTLAND OR 97209-4129
Public Service Company of Colorado	1099 18th St, DENVER CO 80202-1930
Rainbow Energy Marketing	919 S. 7th Street, Bismarck ND 58504
San Diego Gas & Electric Company	8306 Century Park Ct, CP41D, SAN DIEGO CA 92123-1530
Seawest Windpower, Inc.	1455 Frazee Road, STE 900, San Diego, CA 92108-4310
Sempra Energy	101 Ash Street, HQ09, SAN DIEGO CA 92101-3017
Sierra Pacific Power Company	6100 Neil Road, Reno NV 89520
Southern California Edison Co.	2244 Walnut Grove Avenue, Quad 1C, G01, Rosemead CA 91770-0800
State of South Dakota	523 E Capitol Avenue, PIERRE SD 57501-3130
TransAlta Energy Marketing Inc.	T2-3E 110 12th Ave. SW, Calgary AB T2P2M1, CANADA
Tri-State Gen & Trans	12076 Grant Street, DENVER CO 80241-3102
United States Bureau of Reclamation	1150 North Curtis Road, Suite 100, Boise, ID 83706-1234
Utah Associated Municipal Power	2825 E. Cottonwood Parkway, Suite 200, Salt Lake City UT 84121
Utah Municipal Power Agency	75 West 300 North, Spanish Fork UT 84660
Warm Springs Power Enterprises	P. O. Box 90, Warm Springs, OR 97761
Western Area Power Administration (Loveland)	5555 East Crossroads Blvd, Loveland CO 80539
Western Area Power Administration (Salt Lake)	P.O. Box 11606, Salt Lake City, UT 84147-0606

MidAmerican Energy Company Wholesale Power Sales Customer List

Full Name	Mailing Address				
	Address1	Address2	City	State	Postal Code
Auburn Municipal Utilities	Box 238		Auburn	IA	51433
Buffalo Municipal Utilities	409 Third St.		Buffalo	IA	52728
Callender Municipal Utilities	730 Thomas St		Callender	IA	50523
Sergeant Bluff Municipal Utilities	Box 703		Sergeant Bluff	IA	51054
Associated Electric Cooperative	2814 S Golder		Springfield	MO	65801
Aquila Energy Marketing Corporation	10700 East 350 Highway	P O Box 11739	Kansas City	MO	64138
AEP	1 Riverside Plaza		Columbus	OH	43215
AEP Marketing	1 Riverside Plaza		Columbus	OH	43215
Allegheny Energy Supply Company, LLC	800 Cabin Hill Dr		Greensburg	PA	15601
Algona Municipal Utilities	104 W. Call St.		Algona	IA	50511
Alliant Energy	P.O. Box 878		Dubuque	IA	52004-0878
Ames Municipal Electric Services	502 Carroll Avenue		Ames	IA	50010
Ameren Services Company	One Ameren Plaza	PO Box 66149 MC 1400	St. Louis	MO	63166-6149
Associated Electric Coop. Inc.-Power	2814 South Golden	P.O. Box 754	Springfield	MO	65801-0754
J. Aron & Company	85 Broad Street		New York	NY	10004
Atlantic Municipal Utilities	P.O. Box 517	15 West 3rd	Atlantic	IA	50022
Avista Energy Inc.	Three Riverway	Suite 300	Houston	TX	77056
Basin Electric Power Cooperative	1717 East Interstate Avenue		Bismarck	ND	58501
Black Hills Power & Light	Generation Department	409 Deadwood Avenue	Rapid City	SD	57709
BP Energy Company	501 Westlake Park Blvd		Houston	TX	77079
Breda Municipal Utilities	108 N 2nd St.		Breda	IA	51436
Carlisle Municipal Utilities	195 1st ST.		Carlisle	IA	50047
Corn Belt Power Cooperative	1300 13th Street North		Humboldt	IA	50548
Cordova Energy Company, LLC	24712 192nd Ave. N		Cordova	IL	61242
Calpine Energy Management L.P.	717 Texas Ave	Suite 1000	Houston	TX	77002
Cedar Falls Utilities	Utility Parkway		Cedar Falls	IA	50613
Central Illinois Light Co. Marketing	300 Liberty Street		Peoria	IL	61602-1404
Central Iowa Power Cooperative	1400 Highway 13 SE		Cedar Rapids	IA	52406
Central Minnesota Muni Power Agency	125 E 7th Street		Blue Earth	MN	56013
CMS Marketing, Services and Trading	1021 Main Street	Suite 2800	Houston	TX	77002-6606
Conectiv Energy Supply, Inc	800 King St		Wilmington	DE	19899
Conoco, Inc.	600 N Dairy Ashford		Houston	TX	77079
Coral Power, LLC	909 Fannin	Suite 700	Houston	TX	77010
Cinergy Services Inc.	139 East Fourth Street		Cincinnati	OH	45202

MidAmerican Energy Company Wholesale Power Sales Customer List

Full Name	Mailing Address				
	Address1	Address2	City	State	Postal Code
Constellation Power Source, Inc.	39 West Lexington Street	11th Floor	Baltimore	MD	21201
Cargill Power Markets, LLC	6000 Clearwater Drive	P.O. Box 5653	Minnetonka	MN	55343-9497
Cleco Corp. Trading & Marketing	Attn Tim Holloway	2005 Vandeveld Ave	Alexandria	LA	71303
Dominion Energy Marketing, Inc	120 Tedegar Street		Richmond	VA	23219
Duke Energy Trading & Marketing	526 S Church		Charlotte	NC	28202
Denver Municipal Electric Utility	107 N. State St.		Denver	IA	50622
DTE Energy Trading, Inc.	2000 2nd Ave		Detroit	MI	48226
Dynegy Power Marketing, Inc.	1000 Louisiana St.	Suite 5800	Houston	TX	77002
Eagle Energy Partners I, LP.	4201 FM 1960 West	Suite 100	Houston	TX	77068
Eldridge Municipal Light Dept.	305 N. 3rd St.		Eldridge	IA	52748
Brascan Energy Marketing Inc.	2, Montreal Road West	Suite 200	Mason-Angers, Quebec		J8M 2E1
Edison Mission Marketing & Trading	400 S. LaSalle St	Suite 3500	Chicago	IL	60605
Entergy-Koch Trading, LP	20 E. Greenway Plaza Suite 700		Houston	TX	77046
Entergy Services	10055 Grogans Mill Rd.	Parkwood II Bldg Suite 300	The Woodlands	TX	77380
El Paso Merchant Energy, LP	1001 Louisiana St.	P O BOX 2511	HOUSTON	TX	77252-2511
Exelon Generation	300 Exelon Way		Kennett Square	PA	19348
Fonda Municipal Utilities	PO Box 367		Fonda	IA	50540
Geneseo Municipal Utilities	101 South State Street		Geneseo	IL	61254
GEN-SYS Energy	14615 Lone Oak Road		Eden Prairie	MN	55344-2287
Harlan Municipal Utilities	405 Chatburn ave	P O Box 71	Harlan	IA	51537
Hastings Utilities	1228 North Denver Ave	PO Box 289	Hastings	Ne	68902
Heartland Consumers Power District	203 West Center		Madison	SD	57040
Hutchinson Utilities	225 Michigan Street		Hutchinson	MN	55350
Indianola Municipal Utilities	111 South Buxton	P.O. Box 445	Indianola	IA	50125
City of Independence P&L Dept.	P.O.Box 1019	21500 E. Truman Road	Independence	MO	64051.0519
Idaho Power Company Marketing	1220 W Idaho St		Boise	ID	83707
Kansas City Power & Light Co.	1201 Walnut	PO Box 418679	Kansas City	MO	64141-9679
Lake View Electric Dept	305 Main St		Lake View	IA	51450
Lincoln Electric System Marketing	1040 O St		Lincoln	NE	68508-3609
Lighthouse Energy Trading Co., Inc.	PO Box 81	12714 Fremont Ave.	Zimmerman	MN	55398
Mirant Americas Energy Marketing, LP	P.O.Box 2625		Birmingham	AL	35202
Mid-Continent Area Power Pool	1111 3rd Avenue South	Suite 430	Minneapolis	MN	55404-1008
MDU Power Marketing	400 North 4th Street		Bismarck	ND	58501
Municipal Energy Agency of Nebraska	P.O. Box 95124	1111 O St. Suite 200	Lincoln	NE	68509
Merchant Energy Group of theAmericas	275 West Street	Suite # 320	Annapolis	MD	21401

MidAmerican Energy Company Wholesale Power Sales Customer List

Full Name	Mailing Address				
	Address1	Address2	City	State	Postal Code
Missouri Joint Muni Elec Utl Com	2407 West Ash		Columbia	MO	65203
Madison Gas and Electric Company	133 S. Blair Street	P. O. Box 1231	Madison	WI	53701
Manitoba Hydro Marketing	820 Taylor Avenue	P.O. Box 815	Winnipeg	Manitoba	R3C 2P4
Midwest ISO	701 City Center Drive		Carmel	IN	46032
Merrill Lynch Commodities Inc.	20 EGreenway Plaza Suite 700		Houston	TX	77046
Minnesota Municipal Power Agency	Suite 2150	60 S. 6th Street	Minneapolis	MN	55402
Montezuma Muni. Light & Power	501 E. Main		Montezuma	IA	50171
Minnkota Power Cooperative	1822 Mill Road	P.O. Box 13200	Grand Forks	ND	58208-3200
Minnesota Power Marketing	30 West Superior Street		Duluth	MN	55802
Muscatine Power and Water	3205 Cedar Street		Muscatine	IA	52761-0899
Missouri River Energy Services	3005 West Russell	P.O. Box 84610	Sioux Falls	SD	57118-4610
Morgan Stanley Capital Group Inc.	1985 Broadway		New York	NY	10036
Constellation NewEnergy, Inc.	535 Boylston St	Top Floor	BOSTON	MA	2116
NIPSCO Energy Management	5265 Hohman Ave.		Hammond	IN	46320-1175
Northwest Iowa Power Cooperative	31002 C-38	P. O. Box 240	Le Mars	IA	51031-0240
Nebraska Public Power District	1414 15th Street		Columbus	MO	68601
Nebraska Public Power Marketing	1414 15th Street	P.O. Box 499	Columbus	MO	68601
NRG Power Marketing Inc.	Suite 700	1221 Nicollet Mall	Minneapolis	MN	55403
NSP Energy Marketing	414 Nicollet Mall		Minneapolis	MN	55401
Northwestern Public Service	33 Third Street SE.		Huron	SD	57350
OGE Energy Resources Inc.	408 Central Park Two	P.O. Box 24300	Oklahoma City	OK	73124-0300
OGE Power Supply	408 Central Park Two	P.O. Box 24300	Oklahoma City	OK	73124-0300
Omaha Public Power District	444 S. 16th Street Mall		Omaha	NE	68102-2247
OPPD Energy Marketing	444 S. 16th Street Mall		Omaha	NE	68102-2247
OTP Wholesale Marketing	215 South Cascade Street		Fergus Falls	MN	56538-0496
PacifiCorp	825 N.E. Multnomah	Ste 540 LCT	Portland	OR	97232
Exelon Energy Power Team	2004 Renaissance Boulevard		King of Prussia	PA	19406
Pella Municipal Light & Power	717 Main Street		Pella	IA	50219
Peoples Energy Services	205 North Michigan Ave Suite 421		Chicago	IL	60601
PG&E Energy Trading, Power - LP	77 Beale St		San Francisco	CA	94177
Pocahontas Municipal Utilities	23 W Elm St		Pocahontas	IA	50574
PJM	955 Jefferson Ave	Valley Forge Corporate Center	Norristown	PA	19403
Principal Generation Plant LLC	616010th St.		Des Moines	IA	50309
Public Service of Colorado	New Century Energies	1099 18th St. 30th Floor	DENVER	CO	80202
Progress Ventures, Inc.	410 South Wilmington Street	PEB 19A	Raleigh	NC	27601

MidAmerican Energy Company Wholesale Power Sales Customer List

Full Name	Mailing Address				
	Address1	Address2	City	State	Postal Code
Powerex Corp.	Suite 1400 - 666 Buffard Street		Vancouver	BC	V6C 2XB
Rainbow Energy Marketing Corp.	Kirkwood Office Tower	919 South 7th Street Suite 40	Bismarck	ND	58504
Reliant Energy Services, Inc.	PO Box 4567		Houston	TX	77210
Resale Power Group of Iowa	C/O Iowa Association of Municipals	6900 NE 14th St Suite 27	Ankeny	IA	50021
Select Energy, Inc.	107 Selden Street		Berlin	CT	6037
Sunflower Electric Power Corporation	PO Box 980	301 West 13th Street	Hays	KS	67601
Sempra Energy Trading Corp.	58 Commerce Road		Stamford	CT	6902
Southern Indiana Gas & Electric Co	PO Box 569	20 NW Fourth Street	Evansville	IN	47741
Southern MN Municipal Power Agency	500 S.W. First Avenue		Rochester	MN	55902
Southern Company Services, Inc	600 North 18th street	GS - 8259	Birmingham	AL	35203
Northpoint Energy Solutions	2025 Victoria Avenue		Regina	Saskatchewan	
Southwestern Public Service Company	415 N McKinley	800 Plaza West	Little Rock	AR	72205
Split Rock Energy, LLC	301 4th Ave. S	Suite 860 N	Minneapolis	MN	55415
The Energy Authority	76 South Laura Street		Jacksonville	FL	32202
Tractebel Energy Marketing Inc.	1177 West Loop South	Suite 800	Houston	TX	77027
TransAlta Energy Marketing U.S.	Box 1900 Station M	110 - 12th ave SW	Calgary	Alberta	T2P 2M1
Tipton Municipal Utilities	407 Lynn St.		Tipton	IA	52772
Tenaska Power Service Co.	1044 N. 115th St.	Suite 400	Omaha	NE	68154
EnergyUSA-TPC Corp.	1500 165th Street	CISC Building	Hammond	IN	46324
Tennessee Valley Authority Bulk Power	1101 Market Street	MR6B	Chattanooga	TN	37402-2801
TXU Energy Trading	1301 Fannin st		Houston	TX	77002
Aquila Inc. dba Aquila Networks	Attn. Ben Freeny	10700 E 350 Highway PO Box 1	Kansas City	MO	64138
Western Area Power Administration	P.O. Box 790		Watertown	SD	57201-0790
Virginia Electric and Power Company	5000 Dominion Blvd.		Glen Allen	VA	23060
Wall Lake Utility Dept	PO Box 37		Wall Lake	IA	51466
Waverly Light & Power	1002 Adams Parkway	P.O. Box 329	Waverly	IA	50677
Wisconsin Electric Power Marketing	231 W. Michigan St.		Milwaukee	WI	53203
Williams Energy Services Company	One Williams Center	P.O. Box 2648	Tulsa	OK	74101-9567
Western Farmers Electric Cooperative, Inc	701 NE 7th street		Anadarko	OK	73005
Wisconsin Public Power Inc.	System	1425 Corporate Center Drive	Sun Prairie	WI	53590
WPS Energy Services	1088 Springhurst Drive		Green Bay	WI	54304
Wisconsin Public Service	700 N. Adams St.		Green Bay	WI	54307
Westar Energy Generation & Marketing	818 South Kansas Avenue	P.O. Box 889	Topeka	KS	66601

PacifiCorp Wholesale Power Sales Customers
Entities with Wholesales for the Period of January 2005 through May 2005

NAME	ADDRESS	CITY	STATE	ZIP CODE	COUNTRY	INTERNATIONAL ZIP	NOTE
ACN Power, Inc	32991 Hamilton Court	Farmington Hills	MI	48334			
AES POWER INC	3340 Peachtree Rd	Atlanta	GA	30326			
AIG Trading Corporation	One Greenwich Plaza	Greenwich	CT				
Alcoa Power Generating, Inc.	300 N Hall Rd	Alcoa	TN	37701			
Allegheny Energy Supply Company, LLC	4350 Northern Pike	Monroeville	PA	15146-2841			
American Electric Power	One Riverside Plaza	Columbus	OH	43215			
Aquila Merchant Services	1100 Walnut, Ste 3300	Kansas City	MO	64106			
Arizona Electric Power Cooperative	PO Box 670	Benson	AZ	85602			
ARIZONA POWER POOLING ASSOCIATION	PO Box 1389	Benson	AZ	85602			
Arizona Public Service Co.	400 North 5Th Street, Ms 9860	Phoenix	AZ	85004			
Avista Corp.	East 1411 Mission Avenue	Spokane	WA	99202			
Avista Energy, Inc.	201 W North River Drive, Suite 610	Spokane	WA	99201			
Basin Electric Power Cooperative	1717 East Interstate Avenue	Bismarck	ND	58503-0564			
Benton County Public Utility District No. 1	P.O. Box 6270	Kennewick	WA	99336-0270			
Black Hills Power, Inc.	409 Deadwood Avenue	Rapid City	SD	57702			
Black Hills Power, Inc.	625 Ninth Street, 3Rd Floor	Rapid City	SD	57701			
Blanding City	50 West 100 South	Blanding	UT	84511			
Bonneville Power Administration	905 N.E. 11Th Avenue	Portland	OR	97232			
Bonneville Power Administration	P.O. Box 2784	Portland	OR	97208-2784			
Bonneville Power Administration	P.O. Box 3621	Portland	OR	97208			
Bonneville Power Administration	P.O. Box 6070	Portland	OR	97228-6070			
BP Energy Company	501 Westlake Park Blvd	Houston	TX	77079			
Brigham City	20 N. Main Street, P.O. Box A	Brigham City	UT	84302			
British Columbia Hydro & Power Authority	333 Dunsmuir St	Vancouver	BC	V6B 5R3			
Burbank, City of	164 West Magnolia Blvd.	Burbank	CA	91503			
California Department Of Water Resources	PO Box 942836	Sacramento	CA	94236			
California Independent System Operator	151 Blue Ravine Road	Folsom	CA	95630-7051			
Calpine Energy Services, L.P.	Calpine Center; 717 Texas Avenue; Suite 1000	Houston	TX	77002			This was only for transmission loss sales
Cargill Power Markets, LLC	12700 Whitewater Drive	Minnetonka	MN	55343-9497			
Catex Vitol Electric Inc.	470 Atlantic Ave.	Boston	MA				
CENERGY INC.	One Main Street SE; Suite 600	Minneapolis	MN	55414			
Chelan County Public Utility District No. 1	P.O. Box 1231	Wenatchee	WA	98807			
Cinergy Services	PO Box 960	Cincinnati	OH	45291-0960			
City of Anaheim	201 South Anaheim Blvd., Suite 802	Anaheim	CA	92805			
City of Azusa	PO Box 9500	Azusa	CA	91702			
City of Eagle Mountain	1680 E Heritage Dr	Eagle Mountain	UT	84043			
City of Farmington, NE	PO Box 900	Farmington	NM	87401			
City of Glendale Public Service Department	141 N. Glendale Ave.	Glendale	CA	91206-4374			
City of Mesa, AZ	P.O. Box 1466	Mesa	AZ	85211			
City of Pasadena	45 E. Glenarm Street	Pasadena	CA	91105			
City of Port Angeles	PO Box 1150	Port Angeles	WA	98362			
City of Riverside	2911 Adams Street	Riverside	CA	92504			
Clallam Co. PUD No. 1	PO Box 1090	Port Angeles	WA	98362			
Clark Public Utilities	1200 Fort Vancouver Way	Vancouver	WA	98668			
Clatskanie People's Utility District	469 N. Nehalem Street	Clatskanie	OR	97016			
Colockum Transmission Company, Inc.	PO 221	Wenatchee	WA	98801			
Colorado River Commission - Nevada	555 E Washington, Suite 3100	Las Vegas	NV	89101			
Colorado Springs Utilities	215 Nichols	Colorado Springs	CO	80907			
Colorado Springs Utilities	PO Box 1103	Colorado Springs	CO	80947-0615			
Commonwealth Energy Corporation	15901 Red Hill Avenue, Suite 100	Tustin	CA	92780			

PacifiCorp Wholesale Power Sales Customers
Entities with Wholesales for the Period of January 2005 through May 2005

NAME	ADDRESS	CITY	STATE	ZIP CODE	COUNTRY	INTERNATIONAL ZIP	NOTE
ConAgra Trade Group, Inc.	One ConAgra Drive	Omaha	NE	68102			
Conoco Inc.	600 North Dairy Ashford - Ch 1081	Houston	TX	77079			
ConocoPhillips Company	600 North Dairy Ashford	Houston	TX	77079			
Constellation Energy Commodities Group, Inc.	111 Market Place , Suite 500	Baltimore	MD	21202			
Constellation Power Source, Inc.	111 Market Place, Suite 500	Baltimore	MD	21202			
Coral Power	909 Fannin Street , Suite 700	Houston	TX	77010			
Coral Power, LLC	909 Fannin - Ste 700	Houston	TX	77010			
Cowlitz County Public Utility District No. 1	961 12Th Avenue , Box 3007	Longview	WA	98632-0307			
CRSP Western Area Power Admin, Upper Colorado	1800 S. Rio Grande Avenue	Montrose	CO	81401			
Deaver, Town of	P.O. Box 207	Deaver	WY	82421			
Deseret Generation & Transmission	10714 S. Jordan Gateway, STE 300	South Jordan	UT	84095			This was only for transmission loss sales
Douglas County Public Utility District No. 1	1151 Valley Mall Pkwy	East Wenatchee	WA	98801			
Duke Energy Trading & Marketing, LLC	5400 Westheimer Court	Houston	TX	77056			
Dynegy Power Marketing, Inc.	1000 Louisiana St.; Suite 5800	Houston	TX	77002			
E Prime	1331 17th Street, Suite 601	Denver	CO	80202			
El Paso Electric Company	123 W. Mills	El Paso	TX	79901			
Electric Clearinghouse, Inc.	13430 Northwest Freeway	Houston	TX	77040			
Emerald People's Utility District	33733 Seavey Loop Rd.	Eugene	OR	97405			
Energy Services Inc.	101 East Eighth; Suite 240	Va	WA	98660			
ENMAX Energy Marketing Inc.	2808 Spiller Road Se	Calgary Alberta			Canada	T2G 4H3	
Enron Power Marketing	PO Box 1188	Houston	TX	77251			
Entergy-Koch Trading, LP	20 E. Greenway Plaza Suite 700	Houston	TX	77046			
EPCOR Merchant and Capital Inc.	505 2nd Street Sw , 8th Floor	Alberta			Canada	T2P 1N8	
Eugene Water & Electric Board	500 East 4Th Avenue	Eugene	OR	97440			
Federal Energy Sales, Inc.	3222 Northridge Rd.	Elyria	OH	44035			
Flathead Electric Cooperative	2510 Highway 2 East	Kalispell	MT	59901			
FPL Energy Power Marketing, Inc.	700 Universe Blvd	Juno Beach	FL	33408			
FPL Energy Power Marketing, Inc.	700 Universe Blvd	Juno Beach	FL	33408-2657			
Franklin County Public Utilities District No. 1	1411 W Clark	Pasco	WA	99302-2407			
Grant County Public Utility District No. 2	P.O. Box 878	Ephrata	WA	98823			
Grays Harbor Public Utility District	2720 Summer Avenue	Aberdeen	WA	98520-0109			
Gulfstream Energy, LLC	2930 Revere St.; Suite 202	Houston	TX	77098			
Heartland Energy Services, Inc.	820 West Broadway	Madison	WI	53713			
Helper City	South 73 Main Street	Helper City	UT	84526			
Helper City Annex	South 73 Main Street	Helper City	UT	84526			
Hinson Power Company, Inc.	40 Lake Bellevue; Suite 100	Bellevue	WA	98005			
Howell Power Systems, Inc.	1111 Fannin; Suite 1500	Houston	TX	77002-6923			
Hurricane, City of	58 North 200 East	Hurricane	UT	84737			
Idaho Falls, City of	140 S. Capital	Idaho Falls	ID	83405			
Idaho Power Company	1221 West Idaho Street	Boise	ID	83702			
IGI Resources	135 Lake St South Ste 115	Mission Viejo	CA	92692			
Imperial Irrigation District	PO Box 937	Imperial	CA	92251			
Industrial Energy Application Inc.	PO Box 351	Cedar Rapids	Iowa	52406			
InterCoast Power Marketing Company	206 East Second St.	Davenport	Iowa				
J. Aron & Company	85 Broad Street, 5Th Floor	New York	NY	10004			
Koch Power Services Inc.	PO Box 2626	Houston	TX	77002			
Lassen Municipal Utility District	PO Box 361	Susanville	CA	96130			
Lewis Co. PUD No. 1	PO Box	Chehalis	WA				
Los Alamos Co.	9012 Trinity	Los Alamos	NM	98532			

PacifiCorp Wholesale Power Sales Customers
Entities with Wholesales for the Period of January 2005 through May 2005

NAME	ADDRESS	CITY	STATE	ZIP CODE	COUNTRY	INTERNATIONAL ZIP	NOTE
Los Angeles Dept. of Water & Power	111 North Hope Street, Room 424	Los Angeles	CA	90012			
Los Angeles Dept. of Water & Power	111 North Hope Street, Room 424 , P.O. Box 51211	Los Angeles	CA	90051-5511			
Los Angeles Dept. of Water & Power	Room 424, P.O. Box 51211	Los Angeles	CA	90051-5511			
Mason Co. PUD No. 3	PO Box 2148	Shelton,	WA	98584			
Merrill Lynch Commodities, Inc.	20 E Greenway Plaza 7Th Floor	Houston	TX	77046			
Metropolitan Water District	700 North Alameda Street	Los Angeles	CA	90012			
MIECO, Inc.	301 East Ocean Blvd., Suite 1100	Long Beach	CA	90802-4828			
Mirant Americas Energy Marketing, L.P.	1155 Perimeter Ctr W	Atlanta	GA	30338			
Modesto Irrigation District	P. O. Box 4060	Modesto	CA	95352			
Montana Power	PO Box 1338	Butte	MT	59701			
Morenci Water & Electric Company	PO Box 68	Morenci	AZ	85540			
Morgan Stanley Capital Group, Inc.	4Th Floor Commodities , 1585 Broadway	New York	NY	10036			
Municipal Energy Agency of Nebraska	1111 O Street, P.O. Box 95214	Lincoln	NE	68509			
Navajo Tribal Utility Authority	P.O. Box 1520	Fort Defiance	AZ	86504			
Nebraska Public Power District	P.O. Box 1000	Doniphan	NE	68832-1000			
Nevada Power Company	6226 West Sahara Avenue	Las Vegas	NV	89146			Since Nevada Power must prepay all sales no invoice is actually sent
Noresco	One Research Center	Westborough	MA				
Northern California Power Agency	180 Cirby Way	Roseville	CA	95678			
NorthWestern Energy	16 East Granite Street	Butte	MT	59701			
Overton Power District No. 5	601 North Moapa Valley Blvd	Overton	Nevada	89040			
Pacific County PUD No. 2	PO Box 472	Raymond	WA	98577			
Pacific Gas and Electric	77 Beale St.	San Francisco	CA	94106			
Pacific Northwest Generating Cooperative	711 N.E. Halsey, Suite 200	Portland	OR	97232			
Panda Gila River	702 North Franklin Street, Plaza 8	Tampa	FL	33602			
Panda Gila River, L.P.; c/o Panda Energy International, Inc.	4100 Spring Valley Road, suite 1001	Dallas	TX	75244			
Peninsula Light Company	PO Box 78	Gig Harbor	WA	98335			
Pinnacle West Capital Corporation	400 North Fifth Street, Ms 9860	Phoenix	AZ	85004			
Plains Electric Generation & Transmission Cooperative, Inc.	PO Box 6551	Albuquerque	NM	87197			
Platte River Power Authority	2000 E Horsetooth Rd	Fort Collins	CO	80525			
PNGC Power	711 NE Halsey -- Ste 200	Portland	OR	97232			
Port Angeles City Light Department	PO Box 1150	Port Angeles	WA	98362			
Portland General Electric Co.	121 S. W. Salmon	Portland	OR	97204			
Portland General Electric Co.	7895 S.W. Mohawk	Tualatin	OR	97062			
Powerex	Suite 2210, 666 Burrard Street	Vancouver, Bc			Canada	V6C 2X8	
Powerex	Suite 2210, 666 Burrard Street	Vancouver, Bc			Canada	V6C 2X8	
PowerNet G.P.	5301 Federal Highway	Boca Raton	FL	37484			
PPL Energy Plus, LLC	C/O Energy Plus , 45 Basin Creek Road	Butte	MT	59701			
PPL EnergyPlus, LLC	45 Basin Creek Road	Butte	MT	59701			
PPL Montana, LLC	45 Basin Creek Road	Butte	MT	59701			
PPL Montana, LLC	C/O Energy Plus , 45 Basin Creek Road	Butte	MT	59701			
Price City	Price City Hall	Price	UT	84501			
Public Service Company of Colorado	1099-18Th St. 30Th Floor	Denver	CO	80202			
Public Service Company of New Mexico	PO Box 2267	Albuquerque	NM	87102			
Public Utility District No.1 Of Chelan County	P.O. Box 1231	Wenatchee	WA	98807			
Public Utility District No.1 Of Clark Co	P.O. Box 8900	Vancouver	WA	98668			

PacifiCorp Wholesale Power Sales Customers
Entities with Wholesales for the Period of January 2005 through May 2005

NAME	ADDRESS	CITY	STATE	ZIP CODE	COUNTRY	INTERNATIONAL ZIP	NOTE
Public Utility District No.1 Of Grays Harbor Co.	2100 112th Avenue N.E., Suite 100	Bellevue	WA	98004			
Puget Sound Energy	411 108Th Avenue, N.E. - Obc-14N	Bellevue	WA	98004			
Questar Energy Trading Company	P.O. Box 45601	Salt Lake City	UT	84145-0601			
Rainbow Energy Marketing	919 South Seventh Street, Ste. 405	Bismark	ND	58504			
Redding, City of	777 Cypress Avenue	Redding	CA	96001-3396			
Reliant Energy Service, Inc.	PO Box 4567	Houston	TX	77210-4567			
Rocky Mountain Generation Cooperative	5555 E Crosroads Blvd	Loveland	CO	80538			
RWE Trading Americas, Inc.	1221 Lamar	Houston	TX	77010			
Sacramento Municipal Utility District	6301 S Street	Sacramento	CA	95817-1899			
Salt River Project	Isb 253 , P.O. Box 52025	Phoenix	AZ	85072-2025			
San Diego Gas & Electric	8306 Century Park Ct.	San Diego	CA	92123			
Santa Clara, City of	1500 Warburton Avenue	Santa Clara	CA	95050			
Seattle City Light	700 Fifth Avenue, Suite 3220	Seattle	WA	98104-5031			
Seattle City Light	700 Fifth Avenue, Suite 3300	Seattle	WA	98104-5031			
Sempra Energy Resources	101 Ash St., Hq01D	San Diego	CA	92101-3017			
Sempra Energy Solutions	101 Ash Street	San Diego	CA	92101			
Sempra Energy Trading Corp.	58 Commerce Road	Stamford	CT	6902			
Sierra Pacific Power Company	C/O Nevada Power Company , 6226 West Sahara Avenue	Las Vegas	NV	89146			
Snohomish Public Utility District No. 1	General Accounting , 2320 California Street	Everett	WA	98206			
Southern California Edison Company	2244 Walnut Grove Avenue	Rosemead	CA	91770			
Southwestern Public Service Company	1099 18Th Street, Suite 3000	Denver	CO	80202			
Springfield Utility Board	PO Box 300	Springfield	OR	97477			
Suez Energy Marketing NA, Inc.	1177 West Loop South, Suite 800	Houston	TX	77027			
Tacoma, City of	3628 S. 35Th St.	Tacoma	WA	98409			
Tenneco Energy Marketing Company	PO Box 2511	Houston	TX	77252			
The Energy Authority	76 S Laura Pl	Jacksonville	FL	32202			
TransAlta Energy Marketing Inc.	T2-3E, 110 12Th Ave. Sw	Calgary, Alberta			Canada	T2P2M1	
TRANSCANADA NORTHRIDGE POWER LIMITED	1400 421 7th Ave. SW	Calgary, Alberta			Canada	T2P4K9	
Tri-State Generation & Transmission	1100 West 116Th Avenue	Westminster	CO	80234-2814			
Tri-State Generation & Transmission	1100 West 116Th Avenue , P.O. Box 33695	Denver	CO	80233			
Tucson Electric Power	P.O. Box 711	Tucson	AZ	85702			
UBS Warburg Energy LLC	1500 Louisiana, 5Th Floor	Houston	TX	77002			
Utah Associated Municipal Power Systems	2825 E. Cottonwood Parkway, Suite 200	Salt Lake City	UT	84121			
Utah Municipal Power Agency	75 West 300 North , P.O. Box 818	Spanish Fork	UT	84660			
Valero Power Services Co.	PO Box 53720	Houston	TX	77052			
Western Area Power Administration	Department Of Energy , 615 South 43Rd Avenue	Phoenix	AZ	85009			
Western Area Power Administration	Department Of Energy, Loveland District Office, P.O. Box 3700	Loveland	CO	80539			
Western Area Power Administration	Department Of Energy, Montrose District Office	Montrose	CO	81401			
Western Power Services, Inc.	12200 North Pecos	Denver	CO	80234			
Williams Energy Market & Trading Co.	1 Williams Center, 18Th Floor	Tulsa	OK	74172			
Wyoming Municipal Power Agency	PO Box 900	Lusk	WY	82225			

EXHIBIT G**A description of jurisdictional facilities owned, operated, or controlled by the Applicants or their parent companies, subsidiaries, affiliates, and associate companies.**

Parts II, III and IV of this Application provide information on the jurisdictional facilities owned, operated or controlled by Applicants or their parent companies, subsidiaries, affiliates and associate companies. In addition, attached are relevant pages from MidAmerican Energy Company's ("MidAmerican") and PacifiCorp's most recent FERC Form No. 1 that identify jurisdictional facilities for MidAmerican and PacifiCorp. MidAmerican and PacifiCorp also have agreements for the provision of wholesale power and transmission service, rate schedules on file with the Commission, and related accounts, books and records.

In addition, the following affiliates of MidAmerican Energy Holdings Company ("MEHC") also have jurisdictional assets:

Cordova Energy Company LLC's ("Cordova's") jurisdictional assets are its rate schedule, interconnection facilities, contracts, and books and records.¹

InterCoast Power Marketing Company's ("InterCoast's") jurisdictional assets are its rate schedule and books and records.² As stated above, InterCoast currently has no customers and on July 18, 2005, it filed with the Commission to terminate its rate schedule.

¹ The Commission accepted Cordova's market-based rate tariff in Docket No. ER99-2156-000. *See Geysers Power Co., LLC*, 87 FERC ¶ 61,108, *reh'g denied*, 87 FERC ¶ 61,214 (1999); *see also* Letter Order, Docket No. ER99-2156-002 (March 29, 2004) (approving incorporation of market behavior rules into Cordova tariff). The Commission also approved a long-term power purchase service agreement with El Paso Power Services Company under Cordova's market-based rate tariff in Docket No. ER01-2595-000; *see Cordova Energy Co. LLC*, 96 FERC ¶ 61,257 (2001).

² The Commission accepted InterCoast's market-based rate tariff in Docket No. ER94-6-000. *See InterCoast Power Mktg. Co.*, 68 FERC ¶ 61,248, *clarified*, 68 FERC ¶ 61,324 (1994). On July 18, 2005, InterCoast filed to terminate its market-based rate schedule.

THIS FILING IS

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

Form 1 Approved
OMB No. 1902-0021
(Expires 6/30/2007)
Form 1-F Approved
OMB No. 1902-0029
(Expires 6/30/2007)
Form 3-Q Approved
OMB No. 1902-0205
(Expires 6/30/2007)



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)

PacifiCorp

Year/Period of Report

End of 2004/Q4

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	Malin, Oregon	Indian Springs., CA	500.00	500.00	Steel Tower	47.00		1
2	Midpoint, Idaho	Malin, Oregon	500.00	500.00	Steel Tower	446.00		1
3	Malin, Oregon	Medford, Oregon	500.00	500.00	Steel Tower	84.00		1
4	Alvey Sub, Oregon	Dixonville Sub, Oregon	500.00	500.00	Steel Tower	58.00		1
5	Malin, Oregon	Captain Jack, OR	500.00	500.00	Steel Tower	7.00		1
6	Dixonville, Oregon	Meridian, OR	500.00	500.00	Steel Tower	74.00		1
7								
8	Subtotal 500 kV					716.00		6
9								
10	Ben Lomond Sub., Utah	Borah Substation, Idaho	345.00	345.00	Steel - H	135.00		1
11	Ben Lomond Sub., Utah	Terminal Substation, UT	345.00	345.00	Steel - D	47.00		2
12	Spanish Fork Sub., Utah	Camp Williams Sub., Utah	345.00	345.00	Steel - SP	35.00		2
13	Huntington Plant, Utah	Sigurd Substation, Utah	345.00	345.00	Steel - H	95.00		1
14	Huntington Plt. Sub., UT	Spanish Fork Sub., Utah	345.00	345.00	Steel - H	78.00		1
15	Terminal Substation, UT	Ninety South Sub., Utah	345.00	345.00	Steel - SP	16.00		2
16	Emery Substation, Utah	Sigurd Substation, Utah	345.00	345.00	Steel - H	75.00		1
17	Sigurd Substation, Utah	Camp Williams Sub., Utah	345.00	345.00	Steel - H-P	116.00		1
18	Camp Williams Sub., Utah	Ninety South Sub., Utah	345.00	345.00	Steel - SP	9.00		2
19	Terminal Substation, UT	Camp Williams Sub., Utah	345.00	345.00	Steel - D	25.00		1
20	Emery Substation, Utah	Camp Williams Sub., Utah	345.00	345.00	Steel - H	121.00		1
21	Newcastle, Utah	Utah - Nevada Border	345.00	345.00	Steel - D	54.00		1
22	Sigurd Substation, Utah	Newcastle, Utah	345.00	345.00	Steel - D	137.00		1
23	Goshen Substation, Idaho	Kinport Substation, ID	345.00	345.00	Steel - H	41.00		1
24	Huntington Plant, Utah	Four Corners Sub., NM	345.00	345.00	Wood - U	101.00		1
25	Camp Williams Sub., Utah	Huntington Plant, Utah	345.00	345.00	Wood - U	107.00		1
26	Huntington Plant, Utah	Pinto Substation, Utah	345.00	345.00	Wood - U	158.00		1
27	Camp Williams Sub., Utah	Sigurd Substation, Utah	345.00	345.00	Wood - U	70.00		1
28	Jim Bridger Plant #3, WY	Borah Substation, Idaho	345.00	345.00	Steel Tower	240.00		1
29	Jim Bridger Plant #2, WY	Kinport Substation, ID	345.00	345.00	Steel Tower	234.00		1
30								
31	Subtotal 345 kV					1,894.00		24
32								
33	Fairview, Oregon	Isthmus, Oregon	230.00	230.00	H Frame Wood	12.00		1
34	Antelope Sub., Idaho	Lost River 230kV Line, ID	230.00	230.00	Wood - H	20.00		1
35	Walla Walla, Washington	Hells Canyon, ID	230.00	230.00	H Frame Wood	78.00		1
36					TOTAL	15,535.00	100.00	189

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	Bethel, Oregon	Fry, Oregon	230.00	230.00	H Frame Wood	26.00		1
2	Fry, Oregon	Dixonville, Oregon	230.00	230.00	H Frame Wood	45.00		1
3	Alvey, Oregon	Dixonville, Oregon	230.00	230.00	H Frame Wood	59.00		1
4	Troutdale, Oregon	Linneman, Oregon	230.00	230.00	Steel Tower	6.00		1
5	Troutdale, Oregon	Gresham, Oregon	230.00	230.00	Steel Tower	6.00		1
6	McNary, Washington	Walla Walla, Washington	230.00	230.00	H Frame Wood	56.00		1
7	BPA Heppner, Oregon	Dalred Substation, Orego	230.00	230.00	H Frame Wood	1.00		1
8	Sigurd Substation, Utah	Garfield, Utah	230.00	230.00	Wood - U	117.00		1
9	Dixonville, Oregon	Reston, Oregon	230.00	230.00	H Frame Wood	17.00		1
10	Yamsey, Oregon	Klamath Falls, Oregon	230.00	230.00	H Frame Wood	56.00		1
11	Yamsey, Oregon	Klamath Falls, Oregon	230.00	230.00	Steel Tower	6.00		1
12	Dixonville, Oregon	Lone Pine, Oregon	230.00	230.00	H Frame Wood	5.00		1
13	Klamath Falls, Oregon	Medford, Oregon	230.00	230.00	H Frame Wood	76.00		1
14	Klamath Falls, Oregon	Malin, Oregon	230.00	230.00	H Frame Wood	35.00		1
15	Table Rock, SW Station, OR	Grants Pass, Oregon	230.00	230.00	H Frame Wood	35.00		1
16	Grants Pass, Oregon	Days Creek, Oregon	230.00	230.00	H Frame Wood	71.00		1
17	Dixonville, Oregon	Dixonville, Oregon	230.00	230.00	Wood	1.00		
18	Sigurd Substation, Utah	Pavant Substation, Utah	230.00	230.00	Wood - U	43.00		1
19	Pavant Substation, Utah	Nevada - Utah State line	230.00	230.00	Wood - U	98.00		1
20	Bannock Pass, Idaho	Antelope Sub., Idaho	230.00	230.00	Wood - U	76.00		1
21	Brady Substation, Idaho	Treasureton Sub., Idaho	230.00	230.00	Wood - U	66.00		1
22	Ben Lomond Sub., Utah	Naughton Plt. #1, WY	230.00	230.00	Wood - U	88.00		1
23	Sigurd Substation, Utah	Arizona - Utah State line	230.00	230.00	Wood - U	149.00		1
24	Birch Creek Sub., WY	Railroad Substation, WY	230.00	230.00	Wood - HSW	12.00		1
25	Birch Creek Sub., WY	Railroad Substation, WY	230.00	230.00	Wood - HSW	7.00		1
26	Ben Lomond Sub., Utah	Naughton Plt. #2, WY	230.00	230.00	Wood - U	59.00		1
27	Ben Lomond Sub., Utah	Naughton Plt. #2, WY	230.00	230.00	Wood - U	29.00		1
28	Chappel Creek, WY	Naughton Plant, WY	230.00	230.00	Wood Tower	46.00		1
29	Ben Lomond Sub., Utah	Terminal Substation, UT	230.00	230.00	Steel - D-P	74.00		1
30	Naughton Plant, Wyoming	Treasureton Sub., Idaho	230.00	230.00	Wood - U	79.00		1
31	Naughton Plant, Wyoming	Treasureton Sub., Idaho	230.00	230.00	Wood - U	1.00		1
32	Swift Plant #1, WA	Cowlitz Co. Line, WA	230.00	230.00	H Frame Wood	3.00		1
33	Swift Plant #2, WA	BPA Woodland, WA	230.00	230.00	H Frame Wood	23.00		1
34	Union Gap, Washington	BPA Midway, WA	230.00	230.00	H Frame Wood	39.00		1
35	Walla Walla, Washington	Lewiston, ID	230.00	230.00	H Frame Wood	45.00		1
36					TOTAL	15,535.00	100.00	189

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	From (a)	To (b)	Operating (c)	Designed (d)		On Structure of Line Designated (f)	On Structures of Another Line (g)	
1	Walla Walla, Washington	Wanapum, Washington	230.00	230.00	H Frame Wood	33.00		1
2	Pomona, Washington	Wanapum, Washington	230.00	230.00	H Frame Wood	37.00		1
3	Centralia, Washington	BPA Tap, Washington	230.00	230.00	H Frame Wood	3.00		1
4	Pomona, Washington	Wanapum, Washington	230.00	230.00	H Frame Wood	8.00		1
5	Meridian Sub, OR	Lone Pine Sub, OR	230.00	230.00		5.00		
6	Billings, Montana	Yellowtail, Montana	230.00	230.00	H Frame Wood	59.00		1
7	Yellowtail, Montana	Muddy Ridge, Wyoming	230.00	230.00	H Frame Wood	176.00		1
8	Sheridan, Wyoming	Decker, Montana	230.00	230.00	H Frame Wood	13.00		1
9	Dave Johnston Plant, WY	Casper, Wyoming	230.00	230.00	H Frame Wood	31.00		1
10	Yellowtail, Montana	Casper, Wyoming	230.00	230.00	H Frame Wood	147.00		1
11	Rock Springs, Wyoming	Kemmerer, Wyoming	230.00	230.00	H Frame Wood	71.00		1
12	Rock Springs, Wyoming	Atlantic City, Wyoming	230.00	230.00	H Frame Wood	69.00		1
13	Thermopolis, Wyoming	Riverton, Wyoming	230.00	230.00	H Frame Wood	51.00		1
14	Casper, Wyoming	Riverton, Wyoming	230.00	230.00	H Frame Wood	110.00		1
15	Dave Johnston Plant, WY	Rock Springs, Wyoming	230.00	230.00	H Frame Wood	206.00		1
16	Dave Johnston Plant, WY	Spence, Wyoming	230.00	230.00	H Frame Wood	31.00		1
17	Riverton, Wyoming	Atlantic City, Wyoming	230.00	230.00	H Frame Wood	50.00		1
18	Rock Springs, Wyoming	Flaming Gorge, Utah	230.00	230.00	H Frame Wood	48.00		1
19	Palisades, Wyoming	Green River, Wyoming	230.00	230.00	H Frame Wood	5.00		1
20	Buffalo, Wyoming	Gillette, Wyoming	230.00	230.00	H Frame Wood	69.00		1
21	Jim Bridger Plant, WY	Point of Rocks, Wyoming	230.00	230.00	H Frame Wood	4.00		1
22	Jim Bridger Plant, WY	Point of Rocks, Wyoming	230.00	230.00	H Frame Wood	5.00		
23	Dave Johnston Plant, WY	Yellowcake, Wyoming	230.00	230.00	H Frame Wood	69.00		1
24	Wyodak, WY	Sub. Tie Line, WY	230.00	230.00	H Frame Wood	1.00		1
25	Jim Bridger Plant, WY	Point of Rocks Ln 2, WY	230.00	230.00	H Frame Wood	35.00		1
26	Blue Rim, Wyoming	South Trona, Wyoming	230.00	230.00	H Frame Wood	13.00		1
27	Monument, Wyoming	Exxon Plant, Wyoming	230.00	230.00	H Frame Wood	13.00		1
28	Firehole, Wyoming	Mansface, Wyoming	230.00	230.00	Steel Pole	2.00		1
29	Firehole, Wyoming	Mansface, Wyoming	230.00	230.00	H Frame Wood	10.00		1
30	Monuments, Wyoming	South Trona, Wyoming	230.00	230.00	H Frame Wood	24.00		1
31	Spence Sub., WY	Jim Bridger Plant, WY		230.00	H Frame Wood	47.00		
32	Jim Bridger Plant, WY	Mustang Sub., Wyoming	230.00	230.00	H Frame Wood	73.00		1
33	Spence Sub., Wyoming	Mustang Sub., Wyoming	230.00	230.00	H Frame Wood	77.00		1
34	Rock Springs, Wyoming	Flaming Gorge, Utah	230.00	230.00	Steel Tower	7.00		1
35	Line 59, CA	Copco II, CA	230.00	230.00	H Frame Wood	5.00		1
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	From (a)	To (b)	Operating (c)	Designed (d)		On Structure of Line Designated (f)	On Structures of Another Line (g)	
1	Arizona/Utah State Line	Glen Canyon Sub., Arizona	230.00	230.00	H Frame Wood	10.00		1
2	Miners Sub, Wyoming	Footecreek Sub., Wyoming	230.00	230.00		29.00		
3								
4	Subtotal 230 kV					3,311.00		70
5								
6	Montana-Idaho State line	Grace Plant, Idaho	161.00	161.00	Wood - H	57.00	90.00	1
7	Goshen Substation, Idaho	Rigby Substation, Idaho	161.00	161.00	Wood - H	61.00		1
8	Goshen Substation, Idaho	Antelope Substation, ID	161.00	161.00	Wood - H	45.00		1
9	Goshen Substation, Idaho	Sugar Mill Substation, ID	161.00	161.00	Wood - SP	17.00		1
10	Sugar Mill Sub., Idaho	Rigby Substation, Idaho	161.00	161.00	Wood - SP	17.00		1
11	Goshen Substation, Idaho	Bonneville Sub., Idaho	161.00	161.00	Wood - SP-H	20.00		1
12	Billings, Montana	Yellowtail, Montana	161.00	161.00	H Frame Wood	46.00		1
13	Big Grassy Sub., ID	Idaho Power Line, ID	161.00	161.00	Wood - H	1.00		1
14	Rigby Sub., Idaho	Jefferson Roberts, Idaho	161.00	161.00	Wood - SP	18.00		1
15	Thermopolis, Wyoming	Wapa Tie Line #2, Wyoming	161.00	161.00		1.00		
16								
17	Subtotal 161 kV					283.00	90.00	9
18								
19	Naughton Plant, Wyoming	Evanston Substation, WY	138.00	138.00	Wood - H	67.00		1
20	Evanston Substation, WY	Anschutz Substation, WY	138.00	138.00	Wood - H	6.00		1
21	Evanston Substation, WY	Anschutz Substation, WY	138.00	138.00	Wood - H	15.00		1
22	Naughton Plant, Wyoming	Carter Creek Sub., WY	138.00	138.00	Wood - H	36.00		1
23	Railroad Sub., Wyoming	Carter Creek Sub., WY	138.00	138.00	Wood - H	17.00		1
24	Painter Substation, WY	Natural Gas Sub., WY	138.00	138.00	Wood - H	5.00		1
25	Grace Plant, Idaho	Terminal Sub., UT(103-104)	138.00	138.00	Steel - S	42.00		2
26	Grace Point, ID	Terminal Sub, UT (103-10)	138.00	138.00	Wood - H	212.00		2
27	Grace Plant, Idaho	Terminal Sub., UT (105)	138.00	138.00	Wood - H	144.00		2
28	Grace Plant, Idaho	Soda Plant, Idaho	138.00	138.00	Wood - H	8.00	4.00	2
29	Oneida Plant, Idaho	Ovid Substation, Idaho	138.00	138.00	Wood - H	23.00		1
30	Antelope Substation, ID	Scoville Sub., Idaho	138.00	138.00	Wood - H	1.00		1
31	Soda Plant, Idaho	Monsanto Sub., Idaho	138.00	138.00	Wood - H	8.00		1
32	Caribou Substation, ID	Grace Plant, Idaho	138.00	138.00	Wood - H	16.00		1
33	Caribou Substation, ID	Becker Substation, Idaho	138.00	138.00	Wood - H	5.00		1
34	Treasureton Sub., ID	Franklin Sub., Idaho	138.00	138.00	Wood - H & S	10.00		1
35	Franklin Substation, ID	Smithfield Sub., Utah	138.00	138.00	Wood - H	25.00		1
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	From (a)	To (b)	Operating (c)	Designed (d)		On Structure of Line Designated (f)	On Structures of Another Line (g)	
1	Midvalley Substation, UT	Thirty South Sub., UT	138.00	138.00	Wood - H	1.00		1
2	Angel Substation, UT	Smith's UT	138.00	138.00	Wood - H	1.00		1
3	Terminal Substation, UT	Kennecott Sub., Utah	138.00	138.00	Steel - S	7.00		2
4	Terminal Substation, UT	30 South Switch Rack, UT	138.00	138.00	Steel - S	7.00		1
5	Jordan, UT	Terminal Substation, UT	138.00	138.00	Wood - H	6.00		1
6	Wheelon Substation, Utah	American Falls Sub., UT	138.00	138.00	Wood - H	82.00		1
7	Cutler Plant, UT	Wheelon Substation, UT	138.00	138.00	Wood - H	1.00		1
8	Terminal Substation, UT	Helper Substation, Utah	138.00	138.00	Wood - H	121.00		1
9	Hale Plant, Utah	Nebo Substation, Utah	138.00	138.00	Wood - H	54.00		1
10	Carbon Plant, Utah	Helper Substation, Utah	138.00	138.00	Wood - H	2.00		1
11	Terminal Substation, UT	Tooele Substation, Utah	138.00	138.00	Wood - H	29.00		1
12	Wheelon Substation, Utah	Smithfield Sub., Utah	138.00	138.00	Wood - H	20.00	1.00	2
13	Helper Substation, Utah	Moab Substation, Utah	138.00	138.00	Wood - H	118.00		1
14	Ninetieth South Sub, Utah	Carbon Plant, Utah	138.00	138.00	Wood - H	75.00		2
15	Terminal Substation, UT	Ninetieth South Sub, UT	138.00	138.00	Wood - H	16.00		2
16	30 South Switch Rack, UT	McClelland Sub., Utah	138.00	138.00	Wood - SP	6.00		1
17	Moab Substation, Utah	Pinto Substation, Utah	138.00	138.00	Wood - H	58.00		1
18	Pinto Substation, Utah	Abajo, UT	138.00	138.00	Wood - H	45.00		1
19	Carbon Plant, Utah	Ashley Substation, Utah	138.00	138.00	Wood - H	92.00		1
20	McClelland Sub., Utah	Cottonwood Sub., Utah	138.00	138.00	Wood - SP	6.00		1
21	Ashley Substation, Utah	Vernal Substation, Utah	138.00	138.00	Wood - H	12.00		1
22	Sigurd Substation, Utah	West Cedar Substation, UT	138.00	138.00	Wood - H	120.00		1
23	Ben Lomond Sub., Utah	El Monte Substation, UT	138.00	138.00	Wood - H Sub	19.00		1
24	Cottonwood Sub., Utah	Ninetieth South Sub, Uta	138.00	138.00	Wood - SP	11.00		1
25	Terminal Substation, UT	Rowley Substation, Utah	138.00	138.00	Wood - H	56.00		1
26	Huntington Plant, Utah	McFadden Substation, UT	138.00	138.00	Wood - H	7.00		1
27	Ben Lomond Sub., Utah	El Monte Substation, UT	138.00	138.00	Wood - H	13.00		1
28	Cottonwood Sub., Utah	Silvercreek Sub., Utah	138.00	138.00	Wood - SP	37.00		1
29	Ninetieth South Sub, Utah	Taylorville Sub., Utah	138.00	138.00	Wood - SP	7.00		1
30	Gadsby Plant, Utah	McClelland Sub., Utah	138.00	138.00	Wood - SP	4.00		1
31	Ninetieth South Sub, Utah	Oquirrh Substation, Utah	138.00	138.00	Wood - SP	9.00		2
32	Nebo, UT	Jerusalem, UT	138.00	138.00	Wood Tower	26.00		1
33	Ben Lomond Sub., Utah	Western Zircon Sub., UT	138.00	138.00	Wood - H	14.00		1
34	Tooele Substation, Utah	Oquirrh Substation, Utah	138.00	138.00	Wood - SP	21.00		1
35	Wheelon Substation, Utah	Nucor Steel Sub., Utah	138.00	138.00	Wood - H	14.00	4.00	1
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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	Nebo Substation, Utah	Martin-Marietta Sub., UT	138.00	138.00	Wood - H	30.00		1
2	West Cedar Sub., Utah	Middleton Substation., UT	138.00	138.00	Wood - H	69.00		1
3	Gadsby Plant, Utah	Terminal Substation, UT	138.00	138.00	Wood - H	6.00		1
4	Oquirrh Substation, Utah	Kennecott Sub., Utah	138.00	138.00	Wood - H	4.00		1
5	Oquirrh Substation, Utah	Barney Substation, Utah	138.00	138.00	Wood - HS	5.00		2
6	West Cedar Sub., Utah	Pepcon Substation, Utah	138.00	138.00	Wood - SP	13.00		1
7	Taylorville Substation, UT	Mid-Valley Substation, UT	138.00	138.00	Steel - SP	5.00		1
8	Warren Substation, Utah	Kimberly Clark Sub., UT	138.00	138.00	Wood - HP	14.00		1
9	Honeyville, Utah	Promontory, Utah	138.00	138.00	Wood Tower	24.00		1
10	Ninetieth South Sub, Utah	Hale Plant, Utah	138.00	138.00	Wood Tower	45.00		1
11	Dumas, UT	Bimple, UT	138.00	138.00	Wood Tower	4.00		
12	Columbia Sub, Utah	Sunnyside Co. Gen., Utah	138.00	138.00	Wood Tower	2.00		1
13	Syracuse Sub, Utah	Ben Lomond Sub, Utah	138.00	138.00	Steel- D-P	18.00		1
14	Hale Plant, Utah	Midway Sub, Utah	138.00	138.00	Wood - H	19.00		1
15	Jordan 138 kV, UT	Fifth West 138 kV, UT	138.00	138.00	Steel Tower	1.00		1
16	Gadsby 138 kV, UT	Jordan 138 kV, UT	138.00	138.00	Steel Tower	1.00		1
17	2-138 kV Riverdale Sub, UT	2-138 kV Riverdale Sub, U	138.00	138.00	Steel Tower	1.00		2
18	Panther, UT	Willow Creek, UT	138.00	138.00	Wood Tower	1.00		1
19	Hammer Substation, UT	Butlerville Substation, U	138.00	138.00	Wood Tower	5.00		
20	Midway Substation, UT	Silver Creek Sub, UT	138.00	138.00	Wood Tower	4.00		
21	Midway Substation, UT	Cottonwood Sub, UT	138.00	138.00	Wood Tower	10.00		
22	McFadden Substation, UT	Blackhawk Substation, Uta	138.00	138.00		11.00		
23								
24	Subtotal 138 kV					2,049.00	9.00	80
25								
26								
27	All 115 kV lines		115.00	115.00	Wood & Steel	1,544.00		
28	All 69 kV lines		69.00	69.00	Wood & Steel	2,972.00	1.00	
29	All 57 kV lines		57.00	57.00	Wood & Steel	113.00		
30	All 46 kV lines		46.00	46.00	Wood & Steel	2,653.00		
31								
32								
33								
34								
35								
36					TOTAL	15,535.00	100.00	189

TRANSMISSION LINE STATISTICS (Continued)

7. Do not report the same transmission line structure twice. Report Lower voltage Lines and higher voltage lines as one line. Designate in a footnote if you do not include Lower voltage lines with higher voltage lines. If two or more transmission line structures support lines of the same voltage, report the pole miles of the primary structure in column (f) and the pole miles of the other line(s) in column (g)
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9. Designate any transmission line leased to another company and give name of Lessee, date and terms of lease, annual rent for year, and how determined. Specify whether lessee is an associated company.
10. Base the plant cost figures called for in columns (j) to (l) on the book cost at end of year.

Size of Conductor and Material (i)	COST OF LINE (Include in Column (j) Land, Land rights, and clearing right-of-way)			EXPENSES, EXCEPT DEPRECIATION AND TAXES				Line No.
	Land (j)	Construction and Other Costs (k)	Total Cost (l)	Operation Expenses (m)	Maintenance Expenses (n)	Rents (o)	Total Expenses (p)	
2-1852	134,356	4,452,327	4,586,683					1
1272.0	3,086,400	151,355,378	154,441,778					2
1272.0	2,907,175	38,008,844	40,916,019					3
1272.0	1,468,204	19,737,322	21,205,526					4
1272.0	9,230	1,460,186	1,469,416					5
1272.0	4,769,435	26,247,891	31,017,326					6
								7
	12,374,800	241,261,948	253,636,748					8
								9
954.0	5,229,653	35,112,853	40,342,506					10
1272.0	9,867,092	21,879,816	31,746,908					11
1272.0	5,978,617	10,158,595	16,137,212					12
954.0	343,174	20,080,786	20,423,960					13
954.0	791,811	17,670,321	18,462,132					14
1272.0	2,563,038	7,457,557	10,020,595					15
954.0	296,578	13,619,157	13,915,735					16
954.0	510,490	19,757,078	20,267,568					17
1272.0	483,117	3,895,713	4,378,830					18
1272.0	4,313,885	7,970,336	12,284,221					19
954.0	926,251	27,916,136	28,842,387					20
954.0	2,320,872	50,650,316	52,971,188					21
954.0	56,050	13,573,405	13,629,455					22
795.0	313,477	2,571,824	2,885,301					23
954.0	117,662	2,893,904	3,011,566					24
795.0	893,965	19,131,146	20,025,111					25
795.0								26
795.0	36,693	11,515,969	11,552,662					27
1272.0	1,129,032	26,209,708	27,338,740					28
1272.0	1,099,796	27,997,165	29,096,961					29
								30
	37,271,253	340,061,785	377,333,038					31
								32
954.0	285,322	1,565,837	1,851,159					33
795.0	12,929	1,200,282	1,213,211					34
1272.0	64,394	8,907,830	8,972,224					35
	80,025,700	1,452,761,331	1,532,787,031					36

TRANSMISSION LINE STATISTICS (Continued)

7. Do not report the same transmission line structure twice. Report Lower voltage Lines and higher voltage lines as one line. Designate in a footnote if you do not include Lower voltage lines with higher voltage lines. If two or more transmission line structures support lines of the same voltage, report the pole miles of the primary structure in column (f) and the pole miles of the other line(s) in column (g)

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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)	
1272.0	351,982	1,298,770	1,650,752					1
1272.0	485,896	4,310,960	4,796,856					2
954.0	1,428,247	14,506,632	15,934,879					3
954.0		423,037	423,037					4
954.0	363,717	574,074	937,791					5
1272.0	220,967	3,041,516	3,262,483					6
795.0		108,274	108,274					7
795.0	390,878	7,651,768	8,042,646					8
	39,971	1,558,410	1,598,381					9
795.0								10
795.0	247,093	4,113,815	4,360,908					11
795.0	439,563	3,319,036	3,758,599					12
795.0	173,608	5,786,225	5,959,833					13
1272.0	115,448	1,597,600	1,713,048					14
954.0	191,124	5,194,926	5,386,050					15
1272.0	379,961	11,725,824	12,105,785					16
1272.0		492,100	492,100					17
795.0	41,499	4,372,021	4,413,520					18
795.0								19
1272.0	5,103	2,439,598	2,444,701					20
795.0	72,118	2,002,140	2,074,258					21
795.0	426,126	4,518,653	4,944,779					22
954.0	22,604	4,503,147	4,525,751					23
954.0	165,054	1,277,573	1,442,627					24
954.0	181,047	1,520,220	1,701,267					25
1272.0	736,031	5,202,936	5,938,967					26
1272.0		1,715,127	1,715,127					27
954.0	170,967	5,900,151	6,071,118					28
1272.0	572,459	9,818,190	10,390,649					29
954.0	56,498	2,967,418	3,023,916					30
954.0	569	27,749	28,318					31
954.0	1,293	296,405	297,698					32
954.0	103,532	2,096,689	2,200,221					33
1272.0	172,451	1,652,319	1,824,770					34
1272.0	366,291	6,108,495	6,474,786					35
	80,025,700	1,452,761,331	1,532,787,031					36

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)	
954.0	235,532	1,942,914	2,178,446					1
1780.0	207,123	2,650,601	2,857,724					2
954.0	33,885	165,771	199,656					3
556.5	169	1,489,287	1,489,456					4
		2,003,740	2,003,740					5
1272.0	32,998	1,479,867	1,512,865					6
1272.0	120,949	5,438,473	5,559,422					7
1272.0	26,093	630,118	656,211					8
795.0	14,928	1,067,064	1,081,992					9
1271.0	130,197	8,159,034	8,289,231					10
1271.0	52,906	2,591,104	2,644,010					11
954.0	31,859	2,404,832	2,436,691					12
1272.0	57,112	1,903,860	1,960,972					13
954.0	67,857	4,282,517	4,350,374					14
1272.0	58,102	9,212,947	9,271,049					15
1272	33,008	2,658,898	2,691,906					16
1271.0	48,281	2,908,764	2,957,045					17
1272.0	30,769	1,973,537	2,004,306					18
1272.0	12	635,263	635,275					19
1272.0	361,351	4,195,868	4,557,219					20
1272.0	4,800	134,061	138,861					21
1272.0		130,166	130,166					22
1272.0	294,290	6,189,197	6,483,487					23
1272.0		15,463	15,463					24
1272.0	3,967	6,455,716	6,459,683					25
1272.0		872,422	872,422					26
1272.0		160,129	160,129					27
1272.0								28
1272.0		2,674,008	2,674,008					29
1272.0		7,268,245	7,268,245					30
1272.0		170,295	170,295					31
1272.0		9,760,523	9,760,523					32
1272.0		9,542,996	9,542,996					33
1272.0	4,482	396,815	401,297					34
	4,339	820,071	824,410					35
	80,025,700	1,452,761,331	1,532,787,031					36

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)	
		430,671	430,671					1
		4,968,612	4,968,612					2
								3
	10,139,751	241,579,596	251,719,347					4
								5
397.5	18,978	1,268,267	1,287,245					6
397.5	27,520	689,591	717,111					7
397.5	8,857	2,407,191	2,416,048					8
397.5	48,227	1,118,668	1,166,895					9
397.5	27,536	926,456	953,992					10
954.0	362,279	2,811,683	3,173,962					11
556.5	23,368	1,386,146	1,409,514					12
556.5		26,208	26,208					13
556.5	76,306	1,242,793	1,319,099					14
		12,306	12,306					15
								16
	593,071	11,889,309	12,482,380					17
								18
795.0	146,645	3,882,305	4,028,950					19
795.0	129,130	473,050	602,180					20
795.0	3,381	290,803	294,184					21
795.0	41,411	3,577,595	3,619,006					22
795.0	72,622	3,822,615	3,895,237					23
795.0	-12,424	-278,836	-291,260					24
795.0	765,185	8,621,364	9,386,549					25
795.0								26
250.0	132,960	13,907,535	14,040,495					27
795.0	3,290	157,293	160,583					28
336.0	4,817	450,080	454,897					29
397.5	148	390	538					30
397.5	2,555	109,052	111,607					31
795.0	18,284	421,186	439,470					32
397.5	14,424	145,941	160,365					33
795.0	39,101	518,899	558,000					34
397.5	47,613	1,052,130	1,099,743					35
	80,025,700	1,452,761,331	1,532,787,031					36

TRANSMISSION LINE STATISTICS (Continued)

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	Land (j)	Construction and Other Costs (k)	Total Cost (l)	Operation Expenses (m)	Maintenance Expenses (n)	Rents (o)	Total Expenses (p)	
		193,583	193,583					1
		20,229	20,229					2
250.0	4,658	475,562	480,220					3
500.0	1,837	1,197,446	1,199,283					4
	661,447	1,773,167	2,434,614					5
250.0	118,180	6,149,881	6,268,061					6
250.0		69,072	69,072					7
250.0	458,799	11,568,421	12,027,220					8
397.5	27,545	4,486,529	4,514,074					9
954.0	786	98,978	99,764					10
397.5	4,801	2,290,530	2,295,331					11
397.5	188,018	896,472	1,084,490					12
397.5	33,968	2,663,931	2,697,899					13
795.0	345,835	5,123,870	5,469,705					14
1272.0	427,552	1,053,575	1,481,127					15
795.0	62,113	1,564,970	1,627,083					16
397.5	40,115	996,661	1,036,776					17
397.5	43,002	2,089,679	2,132,681					18
397.5	47,374	1,725,080	1,772,454					19
795.0	13,733	244,816	258,549					20
397.5	5,546	272,179	277,725					21
397.5	52,280	3,081,473	3,133,753					22
795.0	18,845	729,676	748,521					23
795.0	549,064	1,785,356	2,334,420					24
795.0	222,286	2,254,369	2,476,655					25
397.5	264	234,826	235,090					26
795.0	24,901	916,563	941,464					27
397.5	177,824	2,872,020	3,049,844					28
795.0	5,178	435,845	441,023					29
795.0	56,759	925,859	982,618					30
795.0	243,445	1,314,079	1,557,524					31
397.5	253,539	2,159,364	2,412,903					32
250.0	96,457	968,211	1,064,668					33
795.0	252,891	3,034,761	3,287,652					34
795.0	46,947	909,120	956,067					35
	80,025,700	1,452,761,331	1,532,787,031					36

Name of Respondent

PacifiCorp

This Report Is:

(1) An Original(2) A Resubmission

Date of Report

(Mo, Da, Yr)

04/25/2005

Year/Period of Report

End of 2004/Q4

TRANSMISSION LINE STATISTICS (Continued)

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10. Base the plant cost figures called for in columns (j) to (l) on the book cost at end of year.

Size of Conductor and Material (i)	COST OF LINE (Include in Column (j) Land, Land rights, and clearing right-of-way)			EXPENSES, EXCEPT DEPRECIATION AND TAXES				Line No.
	Land (j)	Construction and Other Costs (k)	Total Cost (l)	Operation Expenses (m)	Maintenance Expenses (n)	Rents (o)	Total Expenses (p)	
397.5	66,452	1,762,997	1,829,449					1
397.5	25,148	1,593,425	1,618,573					2
1272.0	668,771	810,473	1,479,244					3
795.0		201,459	201,459					4
795.0	16,668	455,106	471,774					5
795.0	43,590	1,088,222	1,131,812					6
1272.0	33,466	2,492,894	2,526,360					7
297.5	14,722	141,422	156,144					8
397.5	475,682	2,874,162	3,349,844					9
397.5	146,425	6,216,165	6,362,590					10
397.5		3,136,585	3,136,585					11
397.5	-41	2	-39					12
1272.0		353,104	353,104					13
397.5	246,503	3,938,520	4,185,023					14
1272.0	16	1,078,958	1,078,974					15
1272.0	755	381,900	382,655					16
795.0		90,674	90,674					17
397.5		40,890	40,890					18
	188,391	3,364,795	3,553,186					19
		2,755,012	2,755,012					20
	690,025	11,514,849	12,204,874					21
		1,747,470	1,747,470					22
								23
	8,511,704	149,766,639	158,278,343					24
								25
								26
	3,510,355	109,397,560	112,907,915					27
	3,257,343	187,692,332	190,949,675					28
	41,234	7,063,275	7,104,509					29
	4,326,189	164,048,887	168,375,076					30
								31
								32
								33
								34
								35
	80,025,700	1,452,761,331	1,532,787,031					36

Name of Respondent PacifiCorp	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/25/2005	Year/Period of Report 2004/Q4
FOOTNOTE DATA			

Schedule Page: 422 Line No.: 4 Column: a

The Alvey - Dixonville 500kV line is jointly owned by the respondent and the Bonneville Power Administration ("the BPA"). Ownership of the line is as follows: PacifiCorp 50.0%, the BPA 50.0%. Cost reported for this line reflects the respondents 50.0% share. Operation and maintenance costs are shared between the two parties and responsibility is as follows: PacifiCorp 58.0% and the BPA 42.0%.

Schedule Page: 422 Line No.: 6 Column: a

The Dixonville - Meridian 500kV line is jointly owned by the respondent and the Bonneville Power Administration ("the BPA"). Ownership of the line is as follows: PacifiCorp 50.0%, the BPA 50.0%. Cost reported for this line reflects the respondents 50.0% share. Operation and maintenance costs are shared between the two parties and responsibility is as follows: PacifiCorp 58.0% and the BPA 42.0%.

Schedule Page: 422 Line No.: 26 Column: I

Costs are included in the Transmission Line listed above.

Schedule Page: 422.1 Line No.: 10 Column: I

Costs are included in the Transmission Line listed below.

Schedule Page: 422.1 Line No.: 19 Column: I

Costs are included in the Transmission Line listed above.

Schedule Page: 422.2 Line No.: 28 Column: I

Costs are included in the Transmission Line listed below.

Schedule Page: 422.3 Line No.: 26 Column: I

Costs are included in the Transmission Line listed above.

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	Silver Creek	Jordanelle	4.66	Steel Dbl Ckt.	15.00	1	2
2	Silver Creek	Jordanelle	4.26	Steel Sngl PI	15.00	1	1
3	Kearns	Taylorville	2.54	Wood Sngl PI	18.00	1	1
4	Manila Tap	Manila	1.26	Wood Sngl PI	21.00	1	1
5	Rocky Point Tap	Rocky Point	5.64	Wood Sngl PI	18.00	1	1
6	Riverdale	Farmington	21.01	Steel Dbl Ckt.	11.00	2	2
7							
8							
9							
10							
11							
12							
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39							
40							
41							
42							
43							
44	TOTAL		39.37		98.00	7	8

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)	
397.5 MCM	ACSR	Vertical/10'	138						1
795 MCM	ACSR	Vertical/1'	138		2,144,978	488,106		2,633,084	2
795 MCM	ACSR	Vertical/10'	138		642,210	842,022		1,484,232	3
1272 MCM	ACSR	Vertical/10'	138		476,643	476,643		953,286	4
397.5 MCM	ACSR	Vertical/10'	138		27,484			27,484	5
795 MCM	ACSR	Vertical/10'	138		154,039	154,039		308,078	6
									7
									8
									9
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									43
					3,445,354	1,960,810		5,406,164	44

Name of Respondent PacifiCorp	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/25/2005	Year/Period of Report 2004/Q4
FOOTNOTE DATA			

Schedule Page: 424 Line No.: 1 Column: o

Cost of line is included in Transmission Line listed below.

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	California				
2	BIG SPRINGS	DISTRIBUTION-UNATTEN	69.00	12.47	
3	CANBY #2	DISTRIBUTION-UNATTEN	69.00	2.40	
4	CASTELLA	DISTRIBUTION-UNATTEN	69.00	2.40	
5	CLEAR LAKE	DISTRIBUTION-UNATTEN	69.00	12.47	
6	CRESCENT CITY	DISTRIBUTION-UNATTEN	12.47	4.16	
7	DOG CREEK	DISTRIBUTION-UNATTEN	69.00	2.40	
8	FORT JONES	DISTRIBUTION-UNATTEN	69.00	12.47	
9	GREENHORN	DISTRIBUTION-UNATTEN	69.00	12.47	
10	HAMBURG	DISTRIBUTION-UNATTEN	69.00	2.40	
11	HAPPY CAMP	DISTRIBUTION-UNATTEN	69.00	12.47	
12	HORNBROOK	DISTRIBUTION-UNATTEN	69.00	12.47	
13	INTERNATIONAL PAPER	DISTRIBUTION-UNATTEN	69.00	2.40	
14	LAKE EARL	DISTRIBUTION-UNATTEN	69.00	12.47	
15	LITTLE SHASTA	DISTRIBUTION-UNATTEN	69.00	7.20	
16	LUCERNE	DISTRIBUTION-UNATTEN	69.00	12.47	
17	MACDOEL	DISTRIBUTION-UNATTEN	69.00	20.80	
18	MCCLOUD	DISTRIBUTION-UNATTEN	69.00	12.47	
19	MONTAGUE	DISTRIBUTION-UNATTEN	69.00	12.47	
20	MOUNT SHASTA	DISTRIBUTION-UNATTEN	69.00	12.47	
21	NORTH DUNSMUIR	DISTRIBUTION-UNATTEN	69.00	12.47	
22	NUTGLADE	DISTRIBUTION-UNATTEN	69.00	2.40	
23	SCOTT BAR	DISTRIBUTION-UNATTEN	69.00	12.47	
24	SEIAD	DISTRIBUTION-UNATTEN	69.00	12.47	
25	SHASTINA	DISTRIBUTION-UNATTEN	69.00	20.80	
26	SHOTGUN CREEK	DISTRIBUTION-UNATTEN	69.00	12.47	
27	SNOW BRUSH	DISTRIBUTION-UNATTEN	69.00	7.20	
28	SOUTH DUNSMUIR	DISTRIBUTION-UNATTEN	69.00	4.16	
29	TULELAKE	DISTRIBUTION-UNATTEN	69.00	12.47	
30	TUNNEL	DISTRIBUTION-UNATTEN	69.00	12.47	
31	TURKEY HILL	DISTRIBUTION-UNATTEN	69.00	12.47	
32	WALKER BRYAN	DISTRIBUTION-UNATTEN	69.00	12.47	
33	WEED	DISTRIBUTION-UNATTEN	69.00	12.47	
34	YUBA	DISTRIBUTION-UNATTEN	69.00	12.47	
35	YUOK	DISTRIBUTION-UNATTEN	69.00	12.47	
36	Total		2289.47	353.06	
37	NUMBER OF SUBSTATIONS DIST UNATTENDED - 34				
38					
39	ALTURAS	T/D-UNATTENDED	115.00	12.47	69.00
40	FALL CREEK HYDRO/	T/D-UNATTENDED	69.00	2.30	

SUBSTATIONS

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 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	YREKA	T/D-UNATTENDED	115.00	12.47	69.00
2	Total		299.00	27.24	138.00
3	NUMBER OF SUBSTATIONS T/D UNATTENDED - 3				
4					
5	AGER	TRANSMISSION-ATTEND	115.00	69.00	
6	COPCO #1 HYDRO PLANT	TRANSMISSION-ATTEND	69.00	2.30	
7	COPCO #2 HYDRO PLANT	TRANSMISSION-ATTEND	69.00	6.60	
8	COPCO #2	TRANSMISSION-ATTEND	69.00	12.47	
9	COPCO #2	TRANSMISSION-ATTEND	230.00	115.00	
10	Total		552.00	205.37	
11	NUMBER OF SUBSTATIONS TRANS ATTENDED - 5				
12					
13	CRAG VIEW	TRANSMISSION-UNATTEN	115.00	69.00	
14	DEL NORTE	TRANSMISSION-UNATTEN	115.00	69.00	
15	IRON GATE HYDRO PLANT	TRANSMISSION-UNATTEN	69.00	6.60	
16	WEED JUNCTION	TRANSMISSION-UNATTEN	115.00	69.00	
17	Total		414.00	213.60	
18	NUMBER OF SUBSTATIONS TRANS UNATTENDED - 4				
19					
20	Idaho				
21	ALEXANDER	DISTRIBUTION-UNATTEN	46.00	12.47	
22	AMALGA	DISTRIBUTION-UNATTEN	46.00	12.47	
23	AMMON	DISTRIBUTION-UNATTEN	69.00	12.47	
24	ARCO	DISTRIBUTION-UNATTEN	69.00	12.47	
25	ARIMO	DISTRIBUTION-UNATTEN	46.00	12.47	
26	BANCROFT	DISTRIBUTION-UNATTEN	46.00	12.47	
27	BELSON	DISTRIBUTION-UNATTEN	69.00	12.47	
28	BERENICE	DISTRIBUTION-UNATTEN	69.00	12.47	
29	CAMAS	DISTRIBUTION-UNATTEN	69.00	12.47	
30	CANYON CREEK	DISTRIBUTION-UNATTEN	69.00	24.90	
31	CHESTERFIELD	DISTRIBUTION-UNATTEN	46.00	12.47	
32	CLEAR CREEK	DISTRIBUTION-UNATTEN	46.00	12.47	
33	CLEMENT	DISTRIBUTION-UNATTEN	69.00	12.47	
34	CLIFTON	DISTRIBUTION-UNATTEN	46.00	12.47	
35	DOWNEY	DISTRIBUTION-UNATTEN	46.00	12.47	
36	DUBOIS	DISTRIBUTION-UNATTEN	69.00	12.47	
37	EASTMONT	DISTRIBUTION-UNATTEN	69.00	12.47	
38	EGIN	DISTRIBUTION-UNATTEN	69.00	12.47	
39	EIGHT MILE	DISTRIBUTION-UNATTEN	46.00	12.47	
40	FOOL CREEK	DISTRIBUTION-UNATTEN	46.00	12.47	

SUBSTATIONS

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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	GEORGETOWN	DISTRIBUTION-UNATTEN	69.00	12.47	
2	GRACE CITY STATION	DISTRIBUTION-UNATTEN	46.00	12.47	
3	HAMER	DISTRIBUTION-UNATTEN	69.00	12.47	
4	HAYES	DISTRIBUTION-UNATTEN	69.00	12.47	
5	HENRY	DISTRIBUTION-UNATTEN	46.00	12.47	
6	HOLBROOD	DISTRIBUTION-UNATTEN	69.00	12.47	
7	HOOPES	DISTRIBUTION-UNATTEN	69.00	12.47	
8	HORSLEY	DISTRIBUTION-UNATTEN	46.00	12.47	
9	IDAHO FALLS	DISTRIBUTION-UNATTEN	46.00	12.47	
10	INDIAN CREEK	DISTRIBUTION-UNATTEN	69.00	12.47	
11	JEFFCO	DISTRIBUTION-UNATTEN	69.00	24.90	
12	KETTLE	DISTRIBUTION-UNATTEN	69.00	24.90	
13	LAVA	DISTRIBUTION-UNATTEN	46.00	12.47	
14	LEWISTON	DISTRIBUTION-UNATTEN	46.00	12.47	
15	LOGAN CANYON	DISTRIBUTION-UNATTEN	46.00	7.20	
16	LUND	DISTRIBUTION-UNATTEN	46.00	12.47	
17	MCCAMMON	DISTRIBUTION-UNATTEN	46.00	12.47	
18	MENAN	DISTRIBUTION-UNATTEN	69.00	12.47	
19	MILLER	DISTRIBUTION-UNATTEN	69.00	12.47	
20	MILLVILLE	DISTRIBUTION-UNATTEN	46.00	12.47	
21	MONTPELIER	DISTRIBUTION-UNATTEN	69.00	12.47	
22	MOODY	DISTRIBUTION-UNATTEN	69.00	24.90	
23	NEWDALE	DISTRIBUTION-UNATTEN	69.00	12.47	
24	NEWTON	DISTRIBUTION-UNATTEN	46.00	12.47	
25	NIBLEY	DISTRIBUTION-UNATTEN	46.00	24.90	
26	NORTH LOGAN	DISTRIBUTION-UNATTEN	46.00	12.47	
27	OSGOOD	DISTRIBUTION-UNATTEN	69.00	12.47	
28	PRESTON	DISTRIBUTION-UNATTEN	46.00	12.47	
29	RANDOLPH	DISTRIBUTION-UNATTEN	46.00	12.47	
30	RAYMOND	DISTRIBUTION-UNATTEN	69.00	12.47	
31	RENO	DISTRIBUTION-UNATTEN	69.00	12.47	
32	REXBURG	DISTRIBUTION-UNATTEN	69.00	12.47	
33	RICH	DISTRIBUTION-UNATTEN	69.00	12.47	
34	RICHMOND	DISTRIBUTION-UNATTEN	46.00	12.47	
35	RIRIE	DISTRIBUTION-UNATTEN	69.00	12.47	
36	ROBERTS	DISTRIBUTION-UNATTEN	69.00	12.47	
37	RUDY	DISTRIBUTION-UNATTEN	69.00	12.47	
38	SAND CREEK	DISTRIBUTION-UNATTEN	69.00	12.47	
39	SANDUNE	DISTRIBUTION-UNATTEN	69.00	24.90	
40	SHELLEY	DISTRIBUTION-UNATTEN	46.00	12.47	

SUBSTATIONS

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2. Substations which serve only one industrial or street railway customer should not be listed below.
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Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVa)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	SMITH	DISTRIBUTION-UNATTEN	69.00	12.47	
2	SODA	DISTRIBUTION-UNATTEN	138.00	7.20	
3	SOUTH FORK	DISTRIBUTION-UNATTEN	69.00	12.47	
4	SPUD	DISTRIBUTION-UNATTEN	46.00	12.47	
5	ST. CHARLES	DISTRIBUTION-UNATTEN	69.00	12.47	
6	SUGAR CITY	DISTRIBUTION-UNATTEN	69.00	12.47	
7	SUNNYDELL	DISTRIBUTION-UNATTEN	69.00	12.47	
8	TANNER	DISTRIBUTION-UNATTEN	46.00	12.47	
9	TARGHEE	DISTRIBUTION-UNATTEN	46.00	12.47	
10	THORNTON	DISTRIBUTION-UNATTEN	69.00	12.47	
11	UCON	DISTRIBUTION-UNATTEN	69.00	12.47	
12	WATKINS	DISTRIBUTION-UNATTEN	69.00	12.47	
13	WEBSTER	DISTRIBUTION-UNATTEN	69.00	12.47	
14	WESTON	DISTRIBUTION-UNATTEN	46.00	12.47	
15	WINDSPER	DISTRIBUTION-UNATTEN	69.00	24.90	
16	Total		4531.00	1011.72	
17	NUMBER OF SUBSTATIONS DIST UNATTENDED - 75				
18					
19	MALAD	T/D-UNATTENDED	138.00	46.00	12.47
20	MUD LAKE	T/D-UNATTENDED	69.00	12.47	
21	RIGBY	T/D-UNATTENDED	161.00	12.47	69.00
22	SAINT ANTHONY	T/D-UNATTENDED	69.00	46.00	12.47
23	Total		437.00	116.94	93.94
24	NUMBER OF SUBSTATIONS T/D UNATTENDED - 4				
25					
26	GRACE HYDRO	TRANSMISSION-ATTEND	138.00	46.00	6.60
27	Total		138.00	46.00	6.60
28	NUMBER OF SUBSTATIONS TRANS ATTENDED - 1				
29					
30	AMPS	TRANSMISSION-UNATTEN	230.00	69.00	
31	ANTELOPE	TRANSMISSION-UNATTEN	230.00	161.00	
32	ASHTON PLANT	TRANSMISSION-UNATTEN	46.00	2.40	
33	BIG GRASSY	TRANSMISSION-UNATTEN	161.00	69.00	
34	BONNEVILLE	TRANSMISSION-UNATTEN	161.00	69.00	
35	CARIBOU	TRANSMISSION-UNATTEN	138.00	46.00	
36	CONDA	TRANSMISSION-UNATTEN	138.00	46.00	
37	COVE PLANT/	TRANSMISSION-UNATTEN	46.00	6.60	
38	FISH CREEK	TRANSMISSION-UNATTEN	161.00	46.00	
39	FRANKLIN	TRANSMISSION-UNATTEN	138.00	69.00	
40	GOSHEN	TRANSMISSION-UNATTEN	345.00	161.00	46.00

SUBSTATIONS

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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	GREEN CANYON	TRANSMISSION-UNATTEN	138.00	46.00	
2	JEFFERSON	TRANSMISSION-UNATTEN	161.00	69.00	
3	LIFTON HYDRO	TRANSMISSION-UNATTEN	69.00	2.30	
4	ONEIDA	TRANSMISSION-UNATTEN	138.00	12.50	
5	OVID	TRANSMISSION-UNATTEN	138.00	69.00	
6	SMITHFIELD	TRANSMISSION-UNATTEN	136.00	46.00	12.47
7	SUGARMILL	TRANSMISSION-UNATTEN	161.00	46.00	69.00
8	TREASURETON	TRANSMISSION-UNATTEN	230.00	138.00	
9	Total		2965.00	1173.80	127.47
10	NUMBER OF SUBSTATIONS TRANS UNATTENDED - 19				
11					
12	Oregon				
13	BLOSS	DISTRIBUTION-UNATTEN	115.00	12.47	
14	CANNON BEACH	DISTRIBUTION-UNATTEN	115.00	12.47	
15	COLUMBIA	DISTRIBUTION-UNATTEN	115.00	12.47	57.00
16	CULLY	DISTRIBUTION-UNATTEN	115.00	12.47	
17	FERN HILL	DISTRIBUTION-UNATTEN	115.00	12.47	
18	26TH STREET	DISTRIBUTION-UNATTEN	20.80	4.16	
19	35TH STREET	DISTRIBUTION-UNATTEN	20.80	2.40	
20	AGNESS AVE	DISTRIBUTION-UNATTEN	115.00	12.47	
21	ALDERWOOD	DISTRIBUTION-UNATTEN	69.00	12.47	
22	ARLINGTON	DISTRIBUTION-UNATTEN	69.00	12.47	
23	ATHENA	DISTRIBUTION-UNATTEN	69.00	12.47	
24	BALD MT MAGAMA-FII	DISTRIBUTION-UNATTEN	20.80	0.24	
25	BANDON TIE	DISTRIBUTION-UNATTEN	20.80	12.47	
26	BAUMAN FII	DISTRIBUTION-UNATTEN	20.80	0.48	
27	BEACON	DISTRIBUTION-UNATTEN	69.00	12.47	
28	BEATTY	DISTRIBUTION-UNATTEN	69.00	12.47	
29	BELKNAP	DISTRIBUTION-UNATTEN	69.00	12.47	
30	BELMONT	DISTRIBUTION-UNATTEN	69.00	12.47	
31	BLALOCK	DISTRIBUTION-UNATTEN	69.00	12.47	
32	BLY	DISTRIBUTION-UNATTEN	69.00	12.47	
33	BOISE CASCADE	DISTRIBUTION-UNATTEN	69.00	11.00	
34	BONANZA	DISTRIBUTION-UNATTEN	69.00	12.47	
35	BROOKHURST	DISTRIBUTION-UNATTEN	115.00	12.47	
36	BROOKS-SCANLON	DISTRIBUTION-UNATTEN	69.00	12.47	
37	BROWNSVILLE	DISTRIBUTION-UNATTEN	69.00	20.80	
38	BRYANT	DISTRIBUTION-UNATTEN	69.00	12.47	
39	BUCHANAN	DISTRIBUTION-UNATTEN	115.00	20.80	
40	BUCKAROO	DISTRIBUTION-UNATTEN	69.00	12.47	

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Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVa)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	CAMPBELL	DISTRIBUTION-UNATTEN	115.00	12.47	
2	CARNES	DISTRIBUTION-UNATTEN	69.00	12.47	
3	CASEBEER	DISTRIBUTION-UNATTEN	69.00	20.80	
4	CAVEMAN	DISTRIBUTION-UNATTEN	115.00	12.47	
5	CHERRY LANE	DISTRIBUTION-UNATTEN	69.00	12.47	
6	CHILOQUIN MARKET	DISTRIBUTION-UNATTEN	69.00	12.47	
7	CHINA HAT	DISTRIBUTION-UNATTEN	69.00	12.47	
8	CIRCLE BLVD	DISTRIBUTION-UNATTEN	115.00	20.80	
9	CLEVELAND AVE	DISTRIBUTION-UNATTEN	69.00	12.47	
10	CLINE FALLS HYDRO	DISTRIBUTION-UNATTEN	12.47	2.40	
11	CLOAKE	DISTRIBUTION-UNATTEN	69.00	20.80	
12	COBURG	DISTRIBUTION-UNATTEN	69.00	20.80	
13	COLISEUM	DISTRIBUTION-UNATTEN	20.80	4.16	
14	COOS RIVER	DISTRIBUTION-UNATTEN	115.00	20.80	
15	COQUILLE	DISTRIBUTION-UNATTEN	115.00	20.80	
16	CROOKED RIVER RANCH	DISTRIBUTION-UNATTEN	69.00	20.80	
17	CROWFOOT	DISTRIBUTION-UNATTEN	115.00	12.47	
18	CULVER	DISTRIBUTION-UNATTEN	69.00	12.47	
19	CUTLER CITY	DISTRIBUTION-UNATTEN	20.80	4.16	
20	DAIRY	DISTRIBUTION-UNATTEN	69.00	12.47	
21	DALLAS	DISTRIBUTION-UNATTEN	115.00	20.80	
22	DALREED	DISTRIBUTION-UNATTEN	230.00	34.50	
23	DESCHUTES	DISTRIBUTION-UNATTEN	69.00	12.47	
24	DEVILS LAKE	DISTRIBUTION-UNATTEN	115.00	20.80	
25	DIXON	DISTRIBUTION-UNATTEN	115.00	4.16	
26	DODGE BRIDGE	DISTRIBUTION-UNATTEN	69.00	20.80	
27	DORRIS	DISTRIBUTION-UNATTEN	69.00	12.47	
28	DOUGLAS LUMBER #1	DISTRIBUTION-UNATTEN	12.47	0.48	
29	DOUGLAS LUMBER #1	DISTRIBUTION-UNATTEN	20.80	0.48	
30	DOUGLAS LUMBER #1	DISTRIBUTION-UNATTEN	20.80	0.48	
31	DOUGLAS LUMBER #1	DISTRIBUTION-UNATTEN	20.80	12.47	
32	EAGLE VENEER FII	DISTRIBUTION-UNATTEN	20.80	0.48	
33	EAST VALLEY	DISTRIBUTION-UNATTEN	115.00	12.47	
34	EMPIRE	DISTRIBUTION-UNATTEN	115.00	20.80	
35	ENTEK NORTH FII	DISTRIBUTION-UNATTEN	20.80	0.48	
36	ENTEK SOUTH FII	DISTRIBUTION-UNATTEN	20.80	0.48	
37	ENTERPRISE	DISTRIBUTION-UNATTEN	69.00	12.47	
38	FIELDER CREEK	DISTRIBUTION-UNATTEN	115.00	20.80	
39	FOOTHILLS	DISTRIBUTION-UNATTEN	69.00	12.47	
40	FRALEY	DISTRIBUTION-UNATTEN	69.00	12.47	

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			Primary (c)	Secondary (d)	Tertiary (e)
1	GARDEN VALLEY	DISTRIBUTION-UNATTEN	69.00	20.80	
2	GASQUET	DISTRIBUTION-UNATTEN	115.00	12.47	
3	GAZLEY	DISTRIBUTION-UNATTEN	69.00	12.47	
4	GEARHART	DISTRIBUTION-UNATTEN	12.47	4.16	
5	GLENDALE	DISTRIBUTION-UNATTEN	230.00	12.47	
6	GLENEDEN	DISTRIBUTION-UNATTEN	20.80	4.16	
7	GLIDE	DISTRIBUTION-UNATTEN	115.00	12.47	
8	GOLD HILL	DISTRIBUTION-UNATTEN	69.00	12.47	
9	GORDON HOLLOW	DISTRIBUTION-UNATTEN	69.00	12.47	
10	GOSHEN	DISTRIBUTION-UNATTEN	115.00	20.80	
11	GRANT STREET	DISTRIBUTION-UNATTEN	115.00	20.80	
12	GRASS VALLEY	DISTRIBUTION-UNATTEN	20.80	4.16	
13	GREEN	DISTRIBUTION-UNATTEN	69.00	12.47	
14	GRIFFIN CREEK	DISTRIBUTION-UNATTEN	115.00	12.47	
15	HAMAKER	DISTRIBUTION-UNATTEN	69.00	12.47	
16	HARRISBURG	DISTRIBUTION-UNATTEN	69.00	20.80	
17	HENLEY	DISTRIBUTION-UNATTEN	69.00	12.47	
18	HERMISTON	DISTRIBUTION-UNATTEN	69.00	12.47	
19	HILLVIEW	DISTRIBUTION-UNATTEN	115.00	20.80	
20	HINKLE	DISTRIBUTION-UNATTEN	69.00	12.47	
21	HOLLADAY	DISTRIBUTION-UNATTEN	115.00	12.47	
22	HOLLYWOOD	DISTRIBUTION-UNATTEN	115.00	12.47	
23	HOOD RIVER	DISTRIBUTION-UNATTEN	69.00	12.47	
24	HORNET	DISTRIBUTION-UNATTEN	69.00	12.47	
25	INDEPENDENCE	DISTRIBUTION-UNATTEN	69.00	20.80	
26	JACKSONVILLE	DISTRIBUTION-UNATTEN	115.00	12.47	69.00
27	JEFFERSON	DISTRIBUTION-UNATTEN	69.00	20.80	
28	JEROME PRAIRIE	DISTRIBUTION-UNATTEN	115.00	12.47	
29	JORDAN POINT	DISTRIBUTION-UNATTEN	115.00	12.47	
30	JOSEPH	DISTRIBUTION-UNATTEN	20.80	12.47	
31	JUNCTION CITY	DISTRIBUTION-UNATTEN	69.00	20.80	
32	KENWOOD	DISTRIBUTION-UNATTEN	69.00	12.47	
33	KILLINGWORTH	DISTRIBUTION-UNATTEN	69.00	12.47	
34	KNAPPA SVENSEN	DISTRIBUTION-UNATTEN	115.00	12.47	
35	LAKEPORT	DISTRIBUTION-UNATTEN	69.00	12.47	
36	LAKEVIEW	DISTRIBUTION-UNATTEN	69.00	12.47	
37	LANCASTER	DISTRIBUTION-UNATTEN	69.00	20.80	
38	LEBANON LUMBER	DISTRIBUTION-UNATTEN	20.80	0.48	
39	LEBANON	DISTRIBUTION-UNATTEN	115.00	20.80	
40	LINCOLN	DISTRIBUTION-UNATTEN	115.00	12.47	

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1	LOCKHART	DISTRIBUTION-UNATTEN	115.00	20.80	
2	LYONS	DISTRIBUTION-UNATTEN	69.00	20.80	
3	MADRAS	DISTRIBUTION-UNATTEN	69.00	12.47	
4	MALLORY	DISTRIBUTION-UNATTEN	115.00	12.47	
5	MARYS RIVER	DISTRIBUTION-UNATTEN	115.00	20.80	
6	MEDCO	DISTRIBUTION-UNATTEN	115.00	12.47	
7	MEDFORD	DISTRIBUTION-UNATTEN	69.00	12.47	
8	MERLIN	DISTRIBUTION-UNATTEN	115.00	12.47	
9	MERRILL	DISTRIBUTION-UNATTEN	69.00	12.47	
10	MILLER REDWOOD	DISTRIBUTION-UNATTEN	69.00	12.47	
11	MILTON #10 FII	DISTRIBUTION-UNATTEN	20.80	0.48	
12	MILTON #9 FII	DISTRIBUTION-UNATTEN	20.80	0.48	
13	MINAM	DISTRIBUTION-UNATTEN	69.00	12.47	
14	MODOC	DISTRIBUTION-UNATTEN	69.00	12.47	
15	MORO	DISTRIBUTION-UNATTEN	20.80	2.40	
16	MURDER CREEK	DISTRIBUTION-UNATTEN	115.00	20.80	
17	MURPHY	DISTRIBUTION-UNATTEN	20.80	12.47	
18	MURPHY	DISTRIBUTION-UNATTEN	7.20	0.48	
19	MYRTLE CREEK	DISTRIBUTION-UNATTEN	69.00	12.47	
20	MYRTLE POINT	DISTRIBUTION-UNATTEN	115.00	20.80	
21	NATIONAL FROZEN-FII	DISTRIBUTION-UNATTEN	20.80	0.48	
22	NELSCOTT	DISTRIBUTION-UNATTEN	20.80	4.16	
23	NEW O'BRIEN	DISTRIBUTION-UNATTEN	115.00	12.47	
24	NEWELL	DISTRIBUTION-UNATTEN	69.00	12.47	
25	NORDIC PLYWOOD	DISTRIBUTION-UNATTEN	20.80	0.48	
26	NORTHCREST	DISTRIBUTION-UNATTEN	69.00	12.47	
27	OAK KNOLL	DISTRIBUTION-UNATTEN	115.00	12.47	
28	OAKLAND	DISTRIBUTION-UNATTEN	115.00	12.47	
29	ORCHARD STREET	DISTRIBUTION-UNATTEN	12.47	4.16	
30	OREMET FORGE -FII	DISTRIBUTION-UNATTEN	20.80	4.16	
31	OVERPASS	DISTRIBUTION-UNATTEN	69.00	12.47	
32	PACIFIC CAST -FII	DISTRIBUTION-UNATTEN	20.80	4.16	
33	PACIFIC PLY	DISTRIBUTION-UNATTEN	69.00	4.16	
34	PALLETTE	DISTRIBUTION-UNATTEN	69.00	20.80	
35	PARK STREET	DISTRIBUTION-UNATTEN	115.00	12.47	
36	PARKROSE	DISTRIBUTION-UNATTEN	57.00	12.47	
37	PATRICKS CREEK	DISTRIBUTION-UNATTEN	115.00	7.20	
38	PELLET MILL	DISTRIBUTION-UNATTEN	20.80	0.48	
39	PENDLETON	DISTRIBUTION-UNATTEN	69.00	12.47	
40	PEREZ	DISTRIBUTION-UNATTEN	69.00	12.47	

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			Primary (c)	Secondary (d)	Tertiary (e)
1	PILOT ROCK	DISTRIBUTION-UNATTEN	69.00	12.47	
2	POWELL BUTTE	DISTRIBUTION-UNATTEN	115.00	12.47	
3	PRINEVILLE	DISTRIBUTION-UNATTEN	115.00	12.47	
4	PROVOLT	DISTRIBUTION-UNATTEN	69.00	12.47	
5	QUEEN AVE	DISTRIBUTION-UNATTEN	69.00	20.80	
6	RED BLANKET	DISTRIBUTION-UNATTEN	69.00	4.16	
7	REDMOND	DISTRIBUTION-UNATTEN	115.00	12.47	
8	REDWOOD	DISTRIBUTION-UNATTEN	69.00	12.47	
9	RICH MANUFACTURING	DISTRIBUTION-UNATTEN	57.00	12.47	
10	RIDDLE	DISTRIBUTION-UNATTEN	69.00	12.47	
11	RIDDLE VENEER	DISTRIBUTION-UNATTEN	69.00	12.47	
12	ROGUE RIVER	DISTRIBUTION-UNATTEN	69.00	12.47	
13	ROSEBURG	DISTRIBUTION-UNATTEN	115.00	20.80	
14	ROSS AVE	DISTRIBUTION-UNATTEN	69.00	12.47	
15	RUCH	DISTRIBUTION-UNATTEN	69.00	12.47	
16	RUNNING Y	DISTRIBUTION-UNATTEN	69.00	20.80	
17	RUSSELLVILLE	DISTRIBUTION-UNATTEN	115.00	12.47	
18	SAGE ROAD	DISTRIBUTION-UNATTEN	115.00	12.47	
19	SCENIC	DISTRIBUTION-UNATTEN	115.00	12.47	69.00
20	SCIO	DISTRIBUTION-UNATTEN	69.00	12.47	
21	SEASIDE	DISTRIBUTION-UNATTEN	115.00	12.47	
22	SELMA	DISTRIBUTION-UNATTEN	115.00	12.47	
23	SHASTA WAY	DISTRIBUTION-UNATTEN	12.47	4.16	
24	SIMONSON	DISTRIBUTION-UNATTEN	69.00	12.47	
25	SIMTAG BOOSTER PUMP	DISTRIBUTION-UNATTEN	34.50	4.16	
26	SMITH RIVER	DISTRIBUTION-UNATTEN	69.00	12.47	
27	SOUTH DUNES	DISTRIBUTION-UNATTEN	115.00	12.47	
28	SOUTHGATE	DISTRIBUTION-UNATTEN	69.00	20.80	
29	SPRAGUE RIVER	DISTRIBUTION-UNATTEN	69.00	12.47	
30	STARFIRE LUMBER FII	DISTRIBUTION-UNATTEN	20.80	0.48	
31	STATE STREET	DISTRIBUTION-UNATTEN	115.00	20.80	
32	STAYTON CITY	DISTRIBUTION-UNATTEN	12.47	2.40	
33	STAYTON	DISTRIBUTION-UNATTEN	69.00	12.47	
34	STEAMBOAT	DISTRIBUTION-UNATTEN	115.00	7.20	
35	STEVENS ROAD	DISTRIBUTION-UNATTEN	115.00	20.80	
36	STONE FOREST FII	DISTRIBUTION-UNATTEN	20.80	0.48	
37	STRAND BOARD FII	DISTRIBUTION-UNATTEN	20.80	0.48	
38	SUTHERLIN	DISTRIBUTION-UNATTEN	115.00	12.47	
39	SWEET HOME	DISTRIBUTION-UNATTEN	115.00	20.80	
40	TAKELMA	DISTRIBUTION-UNATTEN	115.00	20.80	

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			Primary (c)	Secondary (d)	Tertiary (e)
1	TALENT	DISTRIBUTION-UNATTEN	69.00	12.47	
2	TEXUM	DISTRIBUTION-UNATTEN	69.00	12.47	
3	TILLER	DISTRIBUTION-UNATTEN	115.00	12.47	
4	TOLO	DISTRIBUTION-UNATTEN	69.00	12.47	
5	TWCA RESEARCH FII	DISTRIBUTION-UNATTEN	20.80	4.16	
6	TWENTY FOURTH STREET FII	DISTRIBUTION-UNATTEN	20.80	0.48	
7	UMAPINE	DISTRIBUTION-UNATTEN	69.00	12.47	
8	UMATILLA	DISTRIBUTION-UNATTEN	69.00	12.47	
9	US PLYWOOD	DISTRIBUTION-UNATTEN	20.80	4.16	
10	USBR PUMP FII	DISTRIBUTION-UNATTEN	12.47	2.40	
11	VERNON	DISTRIBUTION-UNATTEN	69.00	12.47	
12	VILAS	DISTRIBUTION-UNATTEN	115.00	12.47	
13	VILLAGE GREEN	DISTRIBUTION-UNATTEN	115.00	20.80	
14	VINE STREET	DISTRIBUTION-UNATTEN	46.00	20.80	
15	WALLOWA	DISTRIBUTION-UNATTEN	69.00	12.47	
16	WARM SPRINGS	DISTRIBUTION-UNATTEN	69.00	20.80	
17	WARRENTON	DISTRIBUTION-UNATTEN	115.00	12.47	
18	WASCO	DISTRIBUTION-UNATTEN	20.80	4.16	
19	WECOMA BEACH	DISTRIBUTION-UNATTEN	20.80	4.16	
20	WESTERN KRAFT	DISTRIBUTION-UNATTEN	115.00	12.47	
21	WESTERN WOOD FII	DISTRIBUTION-UNATTEN	20.80	0.48	
22	WESTON	DISTRIBUTION-UNATTEN	69.00	12.47	
23	WESTSIDE HYDRO/	DISTRIBUTION-UNATTEN	69.00	12.47	
24	WEYERHAUSER	DISTRIBUTION-UNATTEN	69.00	12.47	
25	WHITE CITY	DISTRIBUTION-UNATTEN	115.00	12.47	
26	WILLAMETTE NATIONAL FII	DISTRIBUTION-UNATTEN	20.80	4.16	
27	WILLOW COVE	DISTRIBUTION-UNATTEN	34.50	4.16	
28	WILLOW CREEK	DISTRIBUTION-UNATTEN	69.00	34.50	
29	WINSTON	DISTRIBUTION-UNATTEN	69.00	12.47	
30	YOUNGS BAY	DISTRIBUTION-UNATTEN	115.00	12.47	
31	Total		16181.09	2627.14	195.00
32	NUMBER OF SUBSTATIONS DIST UNATTENDED - 218				
33					
34	ALBINA	T/D-UNATTENDED	115.00	12.47	69.00
35	APPLEGATE	T/D-UNATTENDED	115.00	69.00	12.47
36	ASHLAND	T/D-UNATTENDED	115.00	69.00	12.47
37	BEND PLANT	T/D-UNATTENDED	69.00	4.16	12.47
38	CAVE JUNCTION	T/D-UNATTENDED	115.00	12.47	69.00
39	HAZELWOOD	T/D-UNATTENDED	115.00	69.00	12.47
40	KNOTT	T/D- UNATTENDED	115.00	12.47	57.00

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1	MILE HI	T/D-UNATTENDED	115.00	69.00	12.47
2	PILOT BUTTE	T/D-UNATTENDED	230.00	69.00	12.47
3	WINCHESTER	T/D-UNATTENDED	115.00	12.47	69.00
4	Total		1219.00	399.04	338.82
5	NUMBER OF SUBSTATIONS T/D UNATTENDED - 10				
6					
7	CLEARWATER #1 HYDRO PLANT	TRANSMISSION-ATTEND	138.00	6.90	
8	CLEARWATER #2 HYDRO PLANT	TRANSMISSION-ATTEND	138.00	12.00	
9	FISH CREEK HYDRO	TRANSMISSION-ATTEND	115.00	6.90	
10	JC BOYLE HYDRO	TRANSMISSION-ATTEND	230.00	11.00	
11	LEMOLO #1 HYDRO	TRANSMISSION-ATTEND	115.00	12.47	
12	LEMOLO #2 HYDRO	TRANSMISSION-ATTEND	115.00	12.00	
13	PROSPECT 1 HYDRO	TRANSMISSION-ATTEND	69.00	2.30	
14	PROSPECT 2 HYDRO	TRANSMISSION-ATTEND	69.00	6.60	
15	PROSPECT 3 HYDRO	TRANSMISSION-ATTEND	69.00	12.47	
16	TOKETEE HYDRO	TRANSMISSION-ATTEND	115.00	6.90	
17	Total		1173.00	89.54	
18	NUMBER OF SUBSTATIONS TRANS ATTENDED - 10				
19					
20	BEND PLANT	TRANSMISSION-UNATTEN	4.16	2.40	
21	CALAPOOYA	TRANSMISSION-UNATTEN	230.00	69.00	
22	CHILOQUIN	TRANSMISSION-UNATTEN	230.00	115.00	69.00
23	COLD SPRINGS	TRANSMISSION-UNATTEN	230.00	69.00	
24	COVE	TRANSMISSION-UNATTEN	230.00	69.00	
25	DAYS CREEK	TRANSMISSION-UNATTEN	115.00	69.00	
26	DIAMOND HILL	TRANSMISSION-UNATTEN	230.00	69.00	
27	DIXONVILLE 115/230	TRANSMISSION-UNATTEN	230.00	115.00	69.00
28	DIXONVILLE 500	TRANSMISSION-UNATTEN	500.00	230.00	
29	EAGLE POINT HYDRO	TRANSMISSION-UNATTEN	115.00	2.40	
30	EAST SIDE HYDRO	TRANSMISSION-UNATTEN	46.00	12.47	
31	FISH HOLE	TRANSMISSION-UNATTEN	115.00	69.00	
32	FRY	TRANSMISSION-UNATTEN	230.00	115.00	
33	GRANTS PASS	TRANSMISSION-UNATTEN	230.00	115.00	69.00
34	GREEN SPRINGS PLANT/	TRANSMISSION-UNATTEN	115.00	69.00	
35	HURRICANE	TRANSMISSION-UNATTEN	230.00	69.00	2.40
36	ISTHMUS	TRANSMISSION-UNATTEN	230.00	115.00	
37	KENNEDY	TRANSMISSION-UNATTEN	69.00	57.00	
38	KLAMATH FALLS	TRANSMISSION-UNATTEN	230.00	69.00	
39	LONE PINE	TRANSMISSION-UNATTEN	230.00	115.00	69.00
40	MALIN	TRANSMISSION-UNATTEN	500.00	230.00	69.00

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1	MERIDIAN	TRANSMISSION-UNATTEN	500.00	230.00	
2	MONPAC	TRANSMISSION-UNATTEN	115.00	69.00	
3	PONDEROSA	TRANSMISSION-UNATTEN	230.00	115.00	
4	POWERDALE PLANT	TRANSMISSION-UNATTEN	69.00	7.20	
5	PROSPECT CENTRAL	TRANSMISSION-UNATTEN	115.00	69.00	
6	ROBERTS CREEK	TRANSMISSION-UNATTEN	115.00	69.00	
7	SLIDE CREEK HYDRO	TRANSMISSION-UNATTEN	115.00	7.00	
8	SODA SPRINGS HYDRO	TRANSMISSION-UNATTEN	115.00	7.00	
9	TROUTDALE	TRANSMISSION-UNATTEN	230.00	115.00	69.00
10	TUCKER	TRANSMISSION-UNATTEN	115.00	69.00	
11	WALLOWA FALLS HYDRO	TRANSMISSION-UNATTEN	20.80		
12	Total		6078.96	2602.47	416.40
13	NUMBER OF SUBSTATIONS TRANS UNATTEND - 32				
14					
15	Utah				
16	118TH SOUTH	DISTRIBUTION-UNATTEN	138.00	12.47	
17	ALTAVIEW	DISTRIBUTION-UNATTEN	46.00	12.47	
18	AMERICAN FORK	DISTRIBUTION-UNATTEN	138.00	12.47	
19	ANDERSON	DISTRIBUTION-UNATTEN	69.00	12.47	
20	APEX MINE	DISTRIBUTION-UNATTEN	34.50	4.16	
21	ARAGONITE	DISTRIBUTION-UNATTEN	46.00	7.20	
22	AURORA	DISTRIBUTION-UNATTEN	46.00	12.47	
23	BANGERTER	DISTRIBUTION-UNATTEN	138.00	12.47	
24	BEAR RIVER	DISTRIBUTION-UNATTEN	46.00	12.47	
25	BENJAMIN	DISTRIBUTION-UNATTEN	46.00	12.47	
26	BINGHAM	DISTRIBUTION-UNATTEN	46.00	12.47	
27	BLUE CREEK	DISTRIBUTION-UNATTEN	46.00	12.47	
28	BLUFF	DISTRIBUTION-UNATTEN	69.00	12.47	
29	BLUFFDALE	DISTRIBUTION-UNATTEN	46.00	12.47	
30	BOTHWELL	DISTRIBUTION-UNATTEN	46.00	12.47	
31	BOX ELDER	DISTRIBUTION-UNATTEN	46.00	12.47	
32	BRIAN HEAD	DISTRIBUTION-UNATTEN	46.00	12.47	
33	BRICKYARD	DISTRIBUTION-UNATTEN	46.00	12.47	
34	BRIGHTON	DISTRIBUTION-UNATTEN	46.00	24.90	
35	BROOKLAWN	DISTRIBUTION-UNATTEN	46.00	12.47	
36	BRUNSWICK	DISTRIBUTION-UNATTEN	46.00	12.47	
37	BURTON	DISTRIBUTION-UNATTEN	34.50	12.47	
38	BUSH	DISTRIBUTION-UNATTEN	46.00	12.47	
39	CANNON	DISTRIBUTION-UNATTEN	46.00	12.47	
40	CANYONLANDS	DISTRIBUTION-UNATTEN	69.00	12.47	

SUBSTATIONS

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Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVa)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	CAPITOL	DISTRIBUTION-UNATTEN	46.00	12.47	
2	CARBIDE	DISTRIBUTION-UNATTEN	46.00	7.20	
3	CARBONVILLE	DISTRIBUTION-UNATTEN	46.00	12.47	
4	CASTO STATION	DISTRIBUTION-UNATTEN	46.00	12.47	
5	CENTENNIAL	DISTRIBUTION-UNATTEN	138.00	12.47	
6	CENTERVILLE	DISTRIBUTION-UNATTEN	46.00	12.47	
7	CENTRAL	DISTRIBUTION-UNATTEN	46.00	12.47	
8	CHERRYWOOD	DISTRIBUTION-UNATTEN	138.00	12.47	
9	CIRCLEVILLE	DISTRIBUTION-UNATTEN	69.00	12.47	
10	CLEAR LAKE	DISTRIBUTION-UNATTEN	46.00	12.47	
11	CLEARFIELD	DISTRIBUTION-UNATTEN	46.00	12.47	
12	CLINTON	DISTRIBUTION-UNATTEN	138.00	12.47	
13	CLIVE	DISTRIBUTION-UNATTEN	46.00	12.47	
14	COALVILLE	DISTRIBUTION-UNATTEN	46.00	12.47	
15	COLD WATER CANYON	DISTRIBUTION-UNATTEN	138.00	12.47	
16	COLEMAN	DISTRIBUTION-UNATTEN	138.00	69.00	12.47
17	COLTON WELL	DISTRIBUTION-UNATTEN	46.00	12.47	
18	CORINNE	DISTRIBUTION-UNATTEN	46.00	12.47	
19	COVE FORT	DISTRIBUTION-UNATTEN	46.00	12.47	
20	CRESCENT JUNCTION	DISTRIBUTION-UNATTEN	46.00	7.20	
21	CROSS HOLLOW	DISTRIBUTION-UNATTEN	138.00	12.47	
22	CUDAHY	DISTRIBUTION-UNATTEN	138.00	12.47	
23	DAMMERON VALLEY	DISTRIBUTION-UNATTEN	34.50	12.47	
24	DECKER LAKE	DISTRIBUTION-UNATTEN	138.00	12.47	
25	DELLE	DISTRIBUTION-UNATTEN	46.00	12.47	
26	DELTA	DISTRIBUTION-UNATTEN	46.00	12.47	
27	DESERET	DISTRIBUTION-UNATTEN	46.00	4.16	
28	DEWEYVILLE	DISTRIBUTION-UNATTEN	46.00	12.47	
29	DIMPLE DELL	DISTRIBUTION-UNATTEN	138.00	12.47	
30	DIXIE DEER	DISTRIBUTION-UNATTEN	34.50	12.47	
31	DRAGERTON	DISTRIBUTION-UNATTEN	46.00	12.47	
32	DRAPER	DISTRIBUTION-UNATTEN	46.00	12.47	
33	DUMAS	DISTRIBUTION-UNATTEN	138.00	12.47	
34	EAST BENCH	DISTRIBUTION-UNATTEN	138.00	12.47	
35	EAST HYRUM	DISTRIBUTION-UNATTEN	46.00	12.47	
36	EAST LAYTON	DISTRIBUTION-UNATTEN	138.00	12.47	
37	EAST MILLCREEK	DISTRIBUTION-UNATTEN	46.00	12.47	
38	EDEN	DISTRIBUTION-UNATTEN	46.00	12.47	
39	ELBERTA	DISTRIBUTION-UNATTEN	46.00	12.47	
40	ELK MEADOWS	DISTRIBUTION-UNATTEN	46.00	12.47	

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			Primary (c)	Secondary (d)	Tertiary (e)
1	ELSINORE	DISTRIBUTION-UNATTEN	46.00	12.47	
2	EMERY CITY	DISTRIBUTION-UNATTEN	69.00	12.47	
3	EMIGRATION	DISTRIBUTION-UNATTEN	46.00	12.47	
4	ENOCH	DISTRIBUTION-UNATTEN	138.00	12.47	
5	ENTERPRISE VALLEY	DISTRIBUTION-UNATTEN	138.00	12.47	
6	EUREKA	DISTRIBUTION-UNATTEN	46.00	12.47	
7	FARMINGTON	DISTRIBUTION-UNATTEN	46.00	12.47	
8	FAYETTE	DISTRIBUTION-UNATTEN	46.00	12.47	
9	FERRON	DISTRIBUTION-UNATTEN	46.00	12.47	
10	FIELDING	DISTRIBUTION-UNATTEN	46.00	12.00	
11	FIFTH WEST	DISTRIBUTION-UNATTEN	138.00	12.47	
12	FLUX	DISTRIBUTION-UNATTEN	46.00	12.47	
13	FOUNTAIN GREEN	DISTRIBUTION-UNATTEN	46.00	12.47	
14	FREEDOM STATION	DISTRIBUTION-UNATTEN	46.00	7.20	
15	FRUIT HEIGHTS	DISTRIBUTION-UNATTEN	46.00	12.47	
16	GATEWAY	DISTRIBUTION-UNATTEN	69.00	12.47	
17	GOSHEN	DISTRIBUTION-UNATTEN	46.00	12.47	
18	GRANGER	DISTRIBUTION-UNATTEN	46.00	12.47	
19	GRANTSVILLE	DISTRIBUTION-UNATTEN	46.00	12.47	
20	GRAVEL PIT FII	DISTRIBUTION-UNATTEN	46.00	12.47	
21	GREEN RIVER	DISTRIBUTION-UNATTEN	46.00	12.47	
22	GROW	DISTRIBUTION-UNATTEN	138.00	12.47	46.00
23	GUNNISON	DISTRIBUTION-UNATTEN	46.00	12.47	
24	HAMILTON	DISTRIBUTION-UNATTEN	34.50	12.47	
25	HAMMER	DISTRIBUTION-UNATTEN	138.00	12.47	
26	HAVASU	DISTRIBUTION-UNATTEN	69.00	12.47	
27	HELPER CITY	DISTRIBUTION-UNATTEN	46.00	4.16	
28	HENEFER	DISTRIBUTION-UNATTEN	46.00	12.47	
29	HIAWATHA	DISTRIBUTION-UNATTEN	46.00	4.16	
30	HIGHLAND DIST	DISTRIBUTION-UNATTEN	46.00	12.47	
31	HOGGARD	DISTRIBUTION-UNATTEN	138.00	12.47	
32	HOGLE	DISTRIBUTION-UNATTEN	46.00	12.47	
33	HOLDEN	DISTRIBUTION-UNATTEN	46.00	12.47	
34	HOLLADAY	DISTRIBUTION-UNATTEN	46.00	12.47	
35	HUNTER	DISTRIBUTION-UNATTEN	46.00	12.47	
36	HUNTINGTON CITY	DISTRIBUTION-UNATTEN	69.00	12.47	
37	HURRICANE FIELDS	DISTRIBUTION-UNATTEN	34.50	12.47	
38	IRON MOUNTAIN	DISTRIBUTION-UNATTEN	34.50	7.20	
39	IRON SPRINGS	DISTRIBUTION-UNATTEN	34.50	12.47	
40	IRONTON	DISTRIBUTION-UNATTEN	46.00	12.47	

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Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVa)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	IVINS	DISTRIBUTION-UNATTEN	34.50	12.47	
2	JORDAN NARROWS	DISTRIBUTION-UNATTEN	46.00	2.40	
3	JORDAN PARK	DISTRIBUTION-UNATTEN	138.00	12.47	
4	JORDANELLE	DISTRIBUTION-UNATTEN	138.00	12.47	
5	JUAB	DISTRIBUTION-UNATTEN	46.00	12.47	
6	JUNCTION	DISTRIBUTION-UNATTEN	69.00	12.47	
7	KAIBAB	DISTRIBUTION-UNATTEN	69.00	12.47	
8	KAMAS	DISTRIBUTION-UNATTEN	46.00	12.47	
9	KANARRAVILLE	DISTRIBUTION-UNATTEN	34.50	12.47	
10	KEARNS	DISTRIBUTION-UNATTEN	138.00	12.47	
11	KENSINGTON	DISTRIBUTION-UNATTEN	46.00	4.16	
12	LAKEPARK	DISTRIBUTION-UNATTEN	138.00	12.47	
13	LARK	DISTRIBUTION-UNATTEN	46.00	12.47	
14	LASAL	DISTRIBUTION-UNATTEN	69.00	12.47	
15	LAYTON	DISTRIBUTION-UNATTEN	46.00	12.47	
16	LEGRANDE	DISTRIBUTION-UNATTEN	46.00	12.47	
17	LINCOLN	DISTRIBUTION-UNATTEN	46.00	12.47	
18	LINDON	DISTRIBUTION-UNATTEN	46.00	12.47	
19	LISBON	DISTRIBUTION-UNATTEN	69.00	12.47	
20	LITTLE MOUNTAIN	DISTRIBUTION-UNATTEN	46.00	12.47	
21	LOAFER	DISTRIBUTION-UNATTEN	46.00	12.47	
22	LONE TREE	DISTRIBUTION-UNATTEN	34.50	12.47	
23	LOWER BEAVER	DISTRIBUTION-UNATTEN	46.00	6.60	
24	LYNNDYL	DISTRIBUTION-UNATTEN	46.00	12.47	
25	MAESER	DISTRIBUTION-UNATTEN	69.00	12.47	
26	MAGNA	DISTRIBUTION-UNATTEN	138.00	12.47	
27	MANILA	DISTRIBUTION-UNATTEN	46.00	12.47	
28	MANTUA	DISTRIBUTION-UNATTEN	46.00	12.47	
29	MAPLETON	DISTRIBUTION-UNATTEN	46.00	12.47	
30	MARRIOTT	DISTRIBUTION-UNATTEN	46.00	12.47	
31	MARYSVALE	DISTRIBUTION-UNATTEN	46.00	12.47	
32	MATHIS	DISTRIBUTION-UNATTEN	46.00	12.47	
33	MCCORNICK	DISTRIBUTION-UNATTEN	46.00	12.47	
34	MCKAY	DISTRIBUTION-UNATTEN	46.00	12.47	
35	MEADOWBROOK	DISTRIBUTION-UNATTEN	138.00	12.47	46.00
36	MEDICAL	DISTRIBUTION-UNATTEN	46.00	12.47	
37	MELLING	DISTRIBUTION-UNATTEN	34.50	4.16	
38	MERRILL	DISTRIBUTION-UNATTEN	69.00	12.47	
39	MIDLAND	DISTRIBUTION-UNATTEN	138.00	12.47	
40	MIDVALE	DISTRIBUTION-UNATTEN	46.00	12.47	

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			Primary (c)	Secondary (d)	Tertiary (e)
1	MILFORD	DISTRIBUTION-UNATTEN	46.00	12.47	
2	MILFORD TV	DISTRIBUTION-UNATTEN	46.00	7.20	
3	MINERSVILLE	DISTRIBUTION-UNATTEN	46.00	12.47	
4	MOAB CITY	DISTRIBUTION-UNATTEN	69.00	12.47	
5	MONTEZUMA	DISTRIBUTION-UNATTEN	69.00	12.47	
6	MOORE	DISTRIBUTION-UNATTEN	69.00	12.47	
7	MORGAN	DISTRIBUTION-UNATTEN	46.00	4.16	
8	MORONI	DISTRIBUTION-UNATTEN	46.00	12.47	
9	MORTON COURT	DISTRIBUTION-UNATTEN	138.00	12.47	
10	MOUNTAIN DELL	DISTRIBUTION-UNATTEN	46.00	12.47	
11	MOUNTAIN GREEN	DISTRIBUTION-UNATTEN	46.00	12.47	
12	MYTON	DISTRIBUTION-UNATTEN	69.00	12.47	
13	NEW HARMONY	DISTRIBUTION-UNATTEN	69.00	12.47	
14	NEWGATE	DISTRIBUTION-UNATTEN	46.00	12.47	
15	NORTH BENCH	DISTRIBUTION-UNATTEN	46.00	12.47	
16	NORTH CEDAR	DISTRIBUTION-UNATTEN	34.50	4.16	
17	NORTH FIELDS	DISTRIBUTION-UNATTEN	46.00	12.47	
18	NORTH OGDEN	DISTRIBUTION-UNATTEN	46.00	12.47	
19	NORTH SALT LAKE	DISTRIBUTION-UNATTEN	46.00	12.47	
20	NORTHEAST	DISTRIBUTION-UNATTEN	46.00	12.47	
21	NORTHRIDGE	DISTRIBUTION-UNATTEN	46.00	12.47	
22	OAKLAND AVE	DISTRIBUTION-UNATTEN	46.00	12.47	
23	OAKLEY	DISTRIBUTION-UNATTEN	46.00	12.47	
24	OGDEN DEFENSE DEPOT	DISTRIBUTION-UNATTEN	46.00	12.47	
25	OLYMPUS	DISTRIBUTION-UNATTEN	46.00	12.47	
26	OPHIR	DISTRIBUTION-UNATTEN	46.00	12.47	
27	ORANGE	DISTRIBUTION-UNATTEN	46.00	12.47	
28	ORANGEVILLE	DISTRIBUTION-UNATTEN	69.00	12.47	
29	OREM	DISTRIBUTION-UNATTEN	46.00	12.47	
30	OREMET	DISTRIBUTION-UNATTEN	115.00	12.47	
31	PACK CREEK RESERVOIR	DISTRIBUTION-UNATTEN	46.00	12.47	
32	PANGUITCH	DISTRIBUTION-UNATTEN	69.00	12.47	
33	PARIETTE STATION	DISTRIBUTION-UNATTEN	69.00	24.90	
34	PARK CITY	DISTRIBUTION-UNATTEN	46.00	12.47	
35	PARKWAY	DISTRIBUTION-UNATTEN	138.00	12.47	
36	PARLEYS	DISTRIBUTION-UNATTEN	46.00	12.47	
37	PARRY (NIS)	DISTRIBUTION-UNATTEN	46.00	4.16	
38	PELICAN POINT	DISTRIBUTION-UNATTEN	46.00	12.47	
39	PINE CANYON	DISTRIBUTION-UNATTEN	132.00	12.47	
40	PINE CREEK	DISTRIBUTION-UNATTEN	46.00	12.47	

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			Primary (c)	Secondary (d)	Tertiary (e)
1	PINNACLE	DISTRIBUTION-UNATTEN	46.00	12.47	
2	PLAIN CITY	DISTRIBUTION-UNATTEN	138.00	12.47	
3	PLEASANT GROVE	DISTRIBUTION-UNATTEN	46.00	12.47	
4	PLEASANT VIEW	DISTRIBUTION-UNATTEN	46.00	12.47	
5	PROMONTORY	DISTRIBUTION-UNATTEN	46.00	12.47	
6	QUAIL CREEK	DISTRIBUTION-UNATTEN	34.50	12.47	
7	QUARRY	DISTRIBUTION-UNATTEN	138.00	12.47	
8	QUITCHAPA	DISTRIBUTION-UNATTEN	34.50	12.47	
9	RAINS	DISTRIBUTION-UNATTEN	46.00	7.20	
10	RASMUSON	DISTRIBUTION-UNATTEN	46.00	12.47	
11	RATTLESNAKE	DISTRIBUTION-UNATTEN	69.00	24.90	
12	RED MOUNTAIN	DISTRIBUTION-UNATTEN	69.00	34.50	
13	RED ROCK	DISTRIBUTION-UNATTEN	69.00	4.16	
14	REDWOOD	DISTRIBUTION-UNATTEN	46.00	12.47	
15	RESEARCH PARK	DISTRIBUTION-UNATTEN	46.00	12.47	
16	RICHFIELD	DISTRIBUTION-UNATTEN	46.00	12.47	
17	RITER	DISTRIBUTION-UNATTEN	46.00	12.47	
18	ROCK CANYON	DISTRIBUTION-UNATTEN	69.00	12.47	
19	ROCKVILLE	DISTRIBUTION-UNATTEN	34.50	12.47	
20	ROCKY POINT	DISTRIBUTION-UNATTEN	138.00	13.20	
21	ROSE PARK	DISTRIBUTION-UNATTEN	46.00	12.47	
22	ROYAL	DISTRIBUTION-UNATTEN	46.00	4.16	
23	SALINA	DISTRIBUTION-UNATTEN	46.00	12.47	
24	SANDY	DISTRIBUTION-UNATTEN	138.00	12.47	
25	SARATOGA	DISTRIBUTION-UNATTEN	138.00	12.47	
26	SCIPIO	DISTRIBUTION-UNATTEN	46.00	12.47	
27	SCOFIELD RESERVOIR	DISTRIBUTION-UNATTEN	46.00	7.20	
28	SCOFIELD	DISTRIBUTION-UNATTEN	46.00	12.47	
29	SECOND STREET	DISTRIBUTION-UNATTEN	46.00	12.47	
30	SEVEN MILE	DISTRIBUTION-UNATTEN	46.00	12.47	
31	SHARON	DISTRIBUTION-UNATTEN	46.00	12.47	
32	SHIVWITS	DISTRIBUTION-UNATTEN	34.50	4.16	
33	SIXTH SOUTH	DISTRIBUTION-UNATTEN	46.00	12.47	
34	SKULL POINT	DISTRIBUTION-UNATTEN	46.00	12.47	
35	SNARR	DISTRIBUTION-UNATTEN	46.00	12.47	
36	SNOWVILLE	DISTRIBUTION-UNATTEN	69.00	12.47	
37	SNYDERVILLE	DISTRIBUTION-UNATTEN	138.00	12.47	
38	SOLDIER SUMMIT	DISTRIBUTION-UNATTEN	69.00	12.47	
39	SOUTH JORDAN	DISTRIBUTION-UNATTEN	138.00	12.47	
40	SOUTH MILFORD	DISTRIBUTION-UNATTEN	46.00	12.47	

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			Primary (c)	Secondary (d)	Tertiary (e)
1	SOUTH MOUNTAIN	DISTRIBUTION-UNATTEN	138.00	12.47	
2	SOUTH OGDEN	DISTRIBUTION-UNATTEN	46.00	12.47	
3	SOUTH PARK	DISTRIBUTION-UNATTEN	46.00	12.47	
4	SOUTH YARD	DISTRIBUTION-UNATTEN	46.00	4.16	
5	SOUTHEAST	DISTRIBUTION-UNATTEN	46.00	4.16	
6	SOUTHWEST	DISTRIBUTION-UNATTEN	46.00	12.47	
7	SPANISH VALLEY	DISTRIBUTION-UNATTEN	69.00	12.47	
8	SPRINGDALE	DISTRIBUTION-UNATTEN	34.50	12.47	
9	ST. JOHNS	DISTRIBUTION-UNATTEN	46.00	12.47	
10	STAIRS	DISTRIBUTION-UNATTEN	12.00	2.40	
11	STANSBURY	DISTRIBUTION-UNATTEN	46.00	12.47	
12	SUMMIT CREEK	DISTRIBUTION-UNATTEN	138.00	12.47	
13	SUMMIT PARK	DISTRIBUTION-UNATTEN	46.00	12.47	
14	SUNRISE	DISTRIBUTION-UNATTEN	138.00	12.47	
15	SUPERIOR	DISTRIBUTION-UNATTEN	69.00	12.47	
16	SUTHERLAND	DISTRIBUTION-UNATTEN	46.00	12.47	
17	SWISS	DISTRIBUTION-UNATTEN	46.00	7.20	
18	TABIONA	DISTRIBUTION-UNATTEN	69.00	12.47	
19	TAYLOR	DISTRIBUTION-UNATTEN	46.00	12.47	
20	THIEF CREEK	DISTRIBUTION-UNATTEN	138.00	24.90	
21	THIRD WEST	DISTRIBUTION-UNATTEN	46.00	12.47	
22	THIRTEENTH SOUTH	DISTRIBUTION-UNATTEN	46.00	12.47	
23	THOMPSON	DISTRIBUTION-UNATTEN	46.00	4.16	
24	TOQUERVILLE	DISTRIBUTION-UNATTEN	69.00	12.47	34.50
25	TRI CITY	DISTRIBUTION-UNATTEN	138.00	12.47	
26	TWENTYTHIRD STREET	DISTRIBUTION-UNATTEN	46.00	12.47	
27	UINTAH	DISTRIBUTION-UNATTEN	46.00	12.47	
28	UNION	DISTRIBUTION-UNATTEN	46.00	12.47	
29	UNIVERSITY	DISTRIBUTION-UNATTEN	46.00	4.16	
30	UTE STATION	DISTRIBUTION-UNATTEN	69.00	7.20	
31	VALLEY CENTER	DISTRIBUTION-UNATTEN	46.00	12.47	
32	VERMILLION	DISTRIBUTION-UNATTEN	46.00	12.47	
33	VERNAL	DISTRIBUTION-UNATTEN	69.00	12.47	
34	VEYO HYDRO	DISTRIBUTION-UNATTEN	34.50	2.40	
35	VICKERS	DISTRIBUTION-UNATTEN	46.00	12.47	
36	VINEYARD	DISTRIBUTION-UNATTEN	46.00	12.47	
37	WALFARE	DISTRIBUTION-UNATTEN	46.00	12.47	
38	WALLSBURG	DISTRIBUTION-UNATTEN	138.00	12.47	
39	WARREN	DISTRIBUTION-UNATTEN	138.00	12.47	
40	WASATCH	DISTRIBUTION-UNATTEN	46.00	12.47	

SUBSTATIONS

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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	WASHAKIE	DISTRIBUTION-UNATTEN	138.00	4.16	
2	WELBY	DISTRIBUTION-UNATTEN	46.00	12.47	
3	WELCH	DISTRIBUTION-UNATTEN	57.00	2.40	
4	WELLINGTON	DISTRIBUTION-UNATTEN	46.00	12.47	
5	WEST COMMERCIAL	DISTRIBUTION-UNATTEN	46.00	12.47	
6	WEST JORDAN	DISTRIBUTION-UNATTEN	138.00	12.47	
7	WEST OGDEN	DISTRIBUTION-UNATTEN	138.00	12.47	
8	WEST ROY	DISTRIBUTION-UNATTEN	46.00	12.47	
9	WEST TEMPLE	DISTRIBUTION-UNATTEN	46.00	4.16	
10	WESTFIELD	DISTRIBUTION-UNATTEN	138.00	12.47	
11	WESTWATER	DISTRIBUTION-UNATTEN	69.00	12.47	
12	WHITE MESA	DISTRIBUTION-UNATTEN	69.00	12.47	
13	WILLOWCREEK	DISTRIBUTION-UNATTEN	46.00	12.47	
14	WILLOWRIDGE	DISTRIBUTION-UNATTEN	46.00	12.47	
15	WINCHESTER HILLS	DISTRIBUTION-UNATTEN	34.50	12.47	
16	WINKLEMAN	DISTRIBUTION-UNATTEN	46.00	7.20	
17	WOLF CREEK	DISTRIBUTION-UNATTEN	69.00	12.47	
18	WOOD CROSS	DISTRIBUTION-UNATTEN	46.00	12.47	
19	WYUTA	DISTRIBUTION-UNATTEN	46.00	12.47	
20	Total		18233.00	3416.32	138.97
21	NUMBER OF SUBSTATIONS DIST UNATTENDED - 284				
22					
23	ANGEL	T/D-UNATTENDED	138.00	12.47	46.00
24	BUTLERVILLE	T/D-UNATTENDED	138.00	46.00	12.47
25	COTTONWOOD	T/D-UNATTENDED	138.00	12.47	46.00
26	HALE	T/D-UNATTENDED	138.00	46.00	12.47
27	HIGHLAND	T/D-UNATTENDED	138.00	12.47	46.00
28	JORDAN	T/D-UNATTENDED	138.00	46.00	12.47
29	JUDGE	T/D-UNATTENDED	46.00	12.47	
30	MCCLELLAND	T/D-UNATTENDED	138.00	46.00	12.47
31	OQUIRRH	T/D-UNATTENDED	138.00	46.00	12.47
32	PARRISH	T/D-UNATTENDED	138.00	12.47	46.00
33	PIONEER PLANT	T/D-UNATTENDED	138.00	2.30	46.00
34	RIVERDALE	T/D-UNATTENDED	138.00	46.00	12.47
35	SEVIER	T/D-UNATTENDED	138.00	46.00	12.47
36	SILVER CREEK	T/D-UNATTENDED	138.00	12.47	46.00
37	SPHINX	T/D-UNATTENDED	46.00	12.47	
38	SYRACUSE	T/D-UNATTENDED	138.00	46.00	12.47
39	TAYLORSVILLE	T/D-UNATTENDED	138.00	46.00	12.47
40	TERMINAL	T/D-UNATTENDED	345.00	12.47	46.00

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Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	TIMP	T/D-UNATTENDED	138.00	46.00	12.47
2	TOOELE	T/D-UNATTENDED	138.00	46.00	12.47
3	WEST VALLEY	T/D-UNATTENDED	138.00	12.47	
4	Total		2921.00	620.53	459.17
5	NUMBER OF SUBSTATIONS T/D UNATTENDED - 21				
6					
7	BLUNDELL PLANT	TRANSMISSION-ATTEND	46.00	12.47	
8	CARBON PLANT	TRANSMISSION-ATTEND	138.00	13.80	
9	EMERY	TRANSMISSION-ATTEND	138.00	6.90	69.00
10	GADSBY PLANT	TRANSMISSION-ATTEND	138.00	13.80	46.00
11	GADSBY	TRANSMISSION-ATTEND	138.00	46.00	
12	HUNTER PLANT	TRANSMISSION-ATTEND	345.00	23.00	
13	HUNTINGTON PLANT	TRANSMISSION-ATTEND	345.00	23.00	
14	Total		1288.00	138.97	115.00
15	NUMBER OF SUBSTATIONS TRANS ATTENDED - 7				
16					
17	90TH SOUTH	TRANSMISSION-UNATTEN	345.00	138.00	
18	ABAJO	TRANSMISSION-UNATTEN	138.00	69.00	
19	ASHLEY	TRANSMISSION-UNATTEN	138.00	46.00	
20	BARNEY	TRANSMISSION-UNATTEN	138.00	46.00	
21	BEN LOMOND	TRANSMISSION-UNATTEN	345.00	230.00	138.00
22	BLACKHAWK	TRANSMISSION-UNATTEN	138.00	69.00	46.00
23	BOOKCLIFFS	TRANSMISSION-UNATTEN	69.00	46.00	
24	CAMERON	TRANSMISSION-UNATTEN	138.00	46.00	
25	CAMP WILLIAMS	TRANSMISSION-UNATTEN	345.00	138.00	12.47
26	CARBON	TRANSMISSION-UNATTEN	46.00	2.40	
27	COLUMBIA	TRANSMISSION-UNATTEN	138.00	46.00	
28	CRICKET MOUNTAIN REG STA	TRANSMISSION-UNATTEN	46.00	46.00	
29	CUTLER	TRANSMISSION-UNATTEN	138.00	46.00	
30	EL MONTE	TRANSMISSION-UNATTEN	138.00	46.00	
31	GARKANE	TRANSMISSION-UNATTEN	69.00	46.00	
32	GRINDING	TRANSMISSION-UNATTEN	138.00	13.80	
33	HELPER	TRANSMISSION-UNATTEN	138.00	46.00	
34	HONEYVILLE	TRANSMISSION-UNATTEN	138.00	46.00	
35	HORSESHOE	TRANSMISSION-UNATTEN	138.00	46.00	12.47
36	HUNTINGTON CANYON	TRANSMISSION-UNATTEN	345.00	138.00	69.00
37	JERUSALEM	TRANSMISSION-UNATTEN	138.00	46.00	
38	LAMPO	TRANSMISSION-UNATTEN	138.00	46.00	
39	MCFADDEN	TRANSMISSION-UNATTEN	138.00	46.00	
40	MIDDLETON	TRANSMISSION-UNATTEN	138.00	69.00	34.50

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Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVa)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	MIDVALLEY	TRANSMISSION-UNATTEN	345.00	138.00	
2	MIDWAY CITY	TRANSMISSION-UNATTEN	138.00	46.00	
3	MINERAL PRODUCTS	TRANSMISSION-UNATTEN	69.00	46.00	
4	MOAB	TRANSMISSION-UNATTEN	138.00	69.00	
5	NEBO	TRANSMISSION-UNATTEN	138.00	46.00	
6	OLMSTED	TRANSMISSION-UNATTEN	46.00	2.40	
7	PAROWAN VALLEY	TRANSMISSION-UNATTEN	230.00	138.00	34.50
8	PAVANT	TRANSMISSION-UNATTEN	230.00	46.00	
9	PINTO	TRANSMISSION-UNATTEN	345.00	138.00	69.00
10	RED BUTTE	TRANSMISSION-UNATTEN	230.00	138.00	
11	SAND COVE HYDRO	TRANSMISSION-UNATTEN	34.50	2.40	
12	SCOVILLE	TRANSMISSION-UNATTEN	138.00	69.00	46.00
13	SIGURD	TRANSMISSION-UNATTEN	345.00	230.00	138.00
14	SPANISH FORK	TRANSMISSION-UNATTEN	345.00	138.00	46.00
15	UPPER BEAVER HYDRO	TRANSMISSION-UNATTEN	46.00	2.30	
16	WEBER PLANT/	TRANSMISSION-UNATTEN	46.00	2.30	
17	WEST CEDAR	TRANSMISSION-UNATTEN	230.00	138.00	34.50
18	Total		6911.50	2946.60	680.44
19	NUMBER OF SUBSTATIONS TRANS UNATTENDED - 41				
20					
21	Washington				
22	ATTALIA	DISTRIBUTION-UNATTEN	69.00	12.47	
23	BOWMAN	DISTRIBUTION-UNATTEN	69.00	12.47	
24	CASCADE KRAFT	DISTRIBUTION-UNATTEN	69.00	12.47	4.16
25	CLINTON	DISTRIBUTION-UNATTEN	115.00	12.47	
26	DAYTON	DISTRIBUTION-UNATTEN	69.00	12.47	
27	DODD ROAD	DISTRIBUTION-UNATTEN	69.00	20.80	
28	GRANDVIEW	DISTRIBUTION-UNATTEN	115.00	12.47	69.00
29	HOPLAND	DISTRIBUTION-UNATTEN	115.00	12.47	
30	MILL CREEK	DISTRIBUTION-UNATTEN	69.00	12.47	
31	NACHES HYDRO	DISTRIBUTION-UNATTEN	115.00	12.47	
32	NOB HILL	DISTRIBUTION-UNATTEN	115.00	12.47	
33	NORTH PARK	DISTRIBUTION-UNATTEN	115.00	12.47	
34	ORCHARD	DISTRIBUTION-UNATTEN	115.00	12.47	
35	PACIFIC	DISTRIBUTION-UNATTEN	115.00	12.47	
36	POMEROY	DISTRIBUTION-UNATTEN	69.00	12.47	
37	PROSPECT POINT	DISTRIBUTION-UNATTEN	69.00	12.47	
38	PUNKIN CENTER	DISTRIBUTION-UNATTEN	115.00	12.47	
39	RIVER ROAD	DISTRIBUTION-UNATTEN	115.00	12.47	
40	SELAH	DISTRIBUTION-UNATTEN	115.00	12.47	

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			Primary (c)	Secondary (d)	Tertiary (e)
1	SULPHUR CREEK	DISTRIBUTION-UNATTEN	115.00	12.47	
2	SUNNYSIDE	DISTRIBUTION-UNATTEN	115.00	12.47	
3	TIETON	DISTRIBUTION-UNATTEN	115.00	12.47	34.50
4	TOPPENISH	DISTRIBUTION-UNATTEN	115.00	12.47	
5	TOUCHET	DISTRIBUTION-UNATTEN	69.00	12.47	
6	VOELKER	DISTRIBUTION-UNATTEN	115.00	12.47	
7	WAITSBURG	DISTRIBUTION-UNATTEN	69.00	12.47	
8	WAPATO	DISTRIBUTION-UNATTEN	115.00	12.47	
9	WENAS	DISTRIBUTION-UNATTEN	115.00	12.47	
10	WHITE SWAN	DISTRIBUTION-UNATTEN	115.00	12.47	
11	WILEY	DISTRIBUTION-UNATTEN	115.00	12.47	
12	Total		2990.00	382.43	107.66
13	NUMBER OF SUBSTATIONS DIST UNATTENDED - 30				
14					
15	CENTRAL	T/D-UNATTENDED	69.00	12.47	
16	UNION GAP	T/D-UNATTENDED	230.00	115.00	12.47
17	Total		299.00	127.47	12.47
18	NUMBER OF SUBSTATIONS T/D UNATTENDED - 2				
19					
20	CONDIT PLANT	TRANSMISSION-ATTEND	69.00	2.30	
21	MERWIN PLANT	TRANSMISSION-ATTEND	115.00	13.20	
22	Total		184.00	15.50	
23	NUMBER OF SUBSTATIONS TRANS ATTENDED - 2				
24					
25	OUTLOOK	TRANSMISSION-UNATTEN	230.00	115.00	
26	PASCO	TRANSMISSION-UNATTEN	115.00	69.00	7.20
27	POMONA HEIGHTS	TRANSMISSION-UNATTEN	230.00	115.00	
28	SWIFT 1 PLANT	TRANSMISSION-UNATTEN	230.00	13.00	
29	WALLA WALLA 230KV	TRANSMISSION-UNATTEN	230.00	69.00	
30	WALLULA	TRANSMISSION-UNATTEN	230.00	69.00	
31	YALE PLANT	TRANSMISSION-UNATTEN	115.00	13.20	
32	Total		1380.00	463.20	7.20
33	NUMBER OF SUBSTATIONS TRANS UNATTENDED - 7				
34					
35	Wyoming				
36	AIR BASE	DISTRIBUTION-UNATTEN	12.47	2.40	
37	AMOCO SERVICE PIPE	DISTRIBUTION-UNATTEN	34.50	2.40	
38	ANTELOPE MINE	DISTRIBUTION-UNATTEN	230.00	34.50	
39	ASTLE STREET	DISTRIBUTION-UNATTEN	34.50	13.20	
40	BAILEY DOME	DISTRIBUTION-UNATTEN	57.00	12.47	

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Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVa)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	BAR X	DISTRIBUTION-UNATTEN	230.00	34.50	
2	BATTLE SPRINGS FII	DISTRIBUTION-UNATTEN	34.50	7.20	
3	BELLAMY	DISTRIBUTION-UNATTEN	57.00	12.47	
4	BID MUDDY	DISTRIBUTION-UNATTEN	69.00	12.47	
5	BIG PINEY	DISTRIBUTION-UNATTEN	69.00	24.90	
6	BLACKS FORK	DISTRIBUTION-UNATTEN	230.00	34.50	
7	BRIDGER PUMP	DISTRIBUTION-UNATTEN	230.00	34.50	13.20
8	BRYAN	DISTRIBUTION-UNATTEN	115.00	12.47	
9	BUFFALO TOWN	DISTRIBUTION-UNATTEN	20.80	4.16	
10	BYRON	DISTRIBUTION-UNATTEN	34.50	4.16	
11	CASSA	DISTRIBUTION-UNATTEN	57.00	20.80	
12	CENTER STREET	DISTRIBUTION-UNATTEN	115.00	4.16	
13	CHAPMAN STATION	DISTRIBUTION-UNATTEN	46.00	12.47	
14	CHATHAM	DISTRIBUTION-UNATTEN	34.50	4.16	
15	CHUKAR	DISTRIBUTION-UNATTEN	12.47	4.16	
16	CHURCH AND DWIGHT	DISTRIBUTION-UNATTEN	34.50	0.48	
17	COKEVILLE	DISTRIBUTION-UNATTEN	46.00	24.90	
18	COLUMBIA-GENEVA	DISTRIBUTION-UNATTEN	230.00	13.80	
19	COMMUNITY PARK	DISTRIBUTION-UNATTEN	69.00	12.47	
20	CONTINENTAL PIPELINE FII	DISTRIBUTION-UNATTEN	12.47	2.40	
21	CROOKS GAP	DISTRIBUTION-UNATTEN	34.50	12.47	
22	DEAVER TOWN	DISTRIBUTION-UNATTEN	34.50	4.16	
23	DEER CREEK	DISTRIBUTION-UNATTEN	69.00	12.47	
24	DJ COAL MINE	DISTRIBUTION-UNATTEN	69.00	34.50	
25	DOUGLAS	DISTRIBUTION-UNATTEN	57.00	2.30	
26	DRY FORK	DISTRIBUTION-UNATTEN	69.00	4.16	
27	ELK BASIN	DISTRIBUTION-UNATTEN	34.50	7.20	
28	EMIGRANT	DISTRIBUTION-UNATTEN	115.00	12.47	
29	EVANS	DISTRIBUTION-UNATTEN	69.00	12.47	
30	EVANSTON	DISTRIBUTION-UNATTEN	138.00	12.47	
31	FARMERS UNION	DISTRIBUTION-UNATTEN	34.50	4.16	
32	FIREHOLE	DISTRIBUTION-UNATTEN	230.00	34.50	
33	FMC PLANT #1-FII	DISTRIBUTION-UNATTEN			
34	FMC PLANT #2-FII	DISTRIBUTION-UNATTEN			
35	FORT CASPER	DISTRIBUTION-UNATTEN	69.00	12.47	
36	FORT SANDERS	DISTRIBUTION-UNATTEN	115.00	13.20	
37	FRANNIE	DISTRIBUTION-UNATTEN	230.00	34.50	
38	FRONTIER	DISTRIBUTION-UNATTEN	69.00	4.16	
39	GARDEN CITY	DISTRIBUTION-UNATTEN	46.00	12.47	
40	GARLAND	DISTRIBUTION-UNATTEN	230.00	34.50	

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			Primary (c)	Secondary (d)	Tertiary (e)
1	GLENDON	DISTRIBUTION-UNATTEN	57.00	4.16	
2	GRASS CREEK	DISTRIBUTION-UNATTEN	230.00	34.50	
3	GREAT DIVIDE	DISTRIBUTION-UNATTEN	115.00	34.50	
4	GREYBULL	DISTRIBUTION-UNATTEN	34.50	4.16	
5	HANNA	DISTRIBUTION-UNATTEN	34.50	12.47	
6	JACKALOPE	DISTRIBUTION-UNATTEN	115.00	12.47	
7	KEMMERER	DISTRIBUTION-UNATTEN	69.00	24.90	
8	KIRBY CREEK PUMPING STATION	DISTRIBUTION-UNATTEN	34.50	2.40	
9	KIRBY CREEK	DISTRIBUTION-UNATTEN	34.50	4.16	
10	LANDER	DISTRIBUTION-UNATTEN	34.50	12.47	
11	LARAMIE	DISTRIBUTION-UNATTEN	115.00	13.20	
12	LINCH	DISTRIBUTION-UNATTEN	69.00	13.80	
13	LITTLE MOUNTAIN	DISTRIBUTION-UNATTEN	230.00	34.50	
14	LOVELL	DISTRIBUTION-UNATTEN	34.50	4.16	
15	MANDERSON	DISTRIBUTION-UNATTEN	34.50	4.16	
16	MIDWEST HEIGHTS FII	DISTRIBUTION-UNATTEN	69.00	2.40	
17	MILL IRON	DISTRIBUTION-UNATTEN	34.50	13.80	
18	MILLS	DISTRIBUTION-UNATTEN	12.47	4.16	
19	MOSS JUNCTION	DISTRIBUTION-UNATTEN	46.00	12.47	
20	MOUNTAIN GAS-FII	DISTRIBUTION-UNATTEN	34.50	2.40	
21	MURPHY DOME	DISTRIBUTION-UNATTEN	34.50	13.20	
22	NORTH BAXTER -FII	DISTRIBUTION-UNATTEN	34.50	2.40	
23	NUGGETT	DISTRIBUTION-UNATTEN	69.00	7.20	
24	OPAL	DISTRIBUTION-UNATTEN	46.00	24.90	
25	ORIN	DISTRIBUTION-UNATTEN	57.00	12.47	
26	ORPHA	DISTRIBUTION-UNATTEN	57.00	7.20	
27	OVERLAND TRAIL -FII	DISTRIBUTION-UNATTEN			
28	OWL CREEK -FII	DISTRIBUTION-UNATTEN	34.50	4.16	
29	PARCO	DISTRIBUTION-UNATTEN	34.50	12.47	
30	PINEDALE	DISTRIBUTION-UNATTEN	69.00	24.90	
31	PITCHFORK	DISTRIBUTION-UNATTEN	69.00	24.90	
32	PLATTE PIPE BRYON FII	DISTRIBUTION-UNATTEN	34.50	4.16	
33	PLATTE PIPE OREGON BASIN-FII	DISTRIBUTION-UNATTEN	34.50	4.16	
34	PLATTE RIVER DJ-FII	DISTRIBUTION-UNATTEN	69.00	12.47	
35	POINT OF ROCKS	DISTRIBUTION-UNATTEN	230.00	34.50	
36	POISON SPIDER	DISTRIBUTION-UNATTEN	69.00	2.40	
37	POLECAT	DISTRIBUTION-UNATTEN	34.50	12.47	
38	RAINBOW	DISTRIBUTION-UNATTEN	34.50	13.20	
39	RAVEN	DISTRIBUTION-UNATTEN	230.00	34.50	
40	RED BUTTE	DISTRIBUTION-UNATTEN	69.00	12.47	

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			Primary (c)	Secondary (d)	Tertiary (e)
1	REFINERY	DISTRIBUTION-UNATTEN	115.00	12.47	
2	ROCK SPRINGS 34.5KV	DISTRIBUTION-UNATTEN	34.50	13.80	
3	SAGE HILL	DISTRIBUTION-UNATTEN	34.50	13.20	
4	SHOSHONI	DISTRIBUTION-UNATTEN	34.50	2.40	
5	SINCLAIR PIPELINE FII	DISTRIBUTION-UNATTEN	34.50	4.16	
6	SLATE CREEK	DISTRIBUTION-UNATTEN	69.00	12.47	
7	SOUTH CODY	DISTRIBUTION-UNATTEN	69.00	24.90	
8	SOUTH ELK BASIN	DISTRIBUTION-UNATTEN	34.50	4.16	
9	SOUTH TRONA	DISTRIBUTION-UNATTEN	230.00	34.50	
10	SPRING CREEK	DISTRIBUTION-UNATTEN	115.00	13.20	
11	SVILAR	DISTRIBUTION-UNATTEN	34.50	4.16	
12	TEAPOT	DISTRIBUTION-UNATTEN	69.00	12.47	
13	TEN MILE	DISTRIBUTION-UNATTEN	69.00	34.50	
14	THERMOPOLIS TOWN	DISTRIBUTION-UNATTEN	34.50	4.16	
15	THUNDER CREEK	DISTRIBUTION-UNATTEN	57.00	12.47	
16	TIPTON FII	DISTRIBUTION-UNATTEN	34.50	4.16	
17	VETERANS	DISTRIBUTION-UNATTEN	34.50	13.20	
18	WARM SPRINGS SPL-FII	DISTRIBUTION-UNATTEN	115.00	4.16	
19	WEST ADAMS	DISTRIBUTION-UNATTEN	34.50	4.16	
20	WESTERN CLAY	DISTRIBUTION-UNATTEN	34.50	0.48	
21	WESTVACO	DISTRIBUTION-UNATTEN	230.00	34.50	
22	WOODRUFF	DISTRIBUTION-UNATTEN	46.00	12.47	
23	WORLAND TOWN	DISTRIBUTION-UNATTEN	34.50	4.16	
24	WYCO PIPELINE FII	DISTRIBUTION-UNATTEN	12.47	2.40	
25	Total		8186.65	1408.81	13.20
26	NUMBER OF SUBSTATIONS DIST UNATTENDED- 109				
27					
28	LABARGE	T/D-UNATTENDED	69.00	24.90	
29	BUFFALO	T/D-UNATTENDED	230.00	20.80	
30	HILLTOP	T/D-UNATTENDED	115.00	34.50	20.80
31	RIVERTON 230	T/D-UNATTENDED	230.00	12.47	34.50
32	YELLOWCAKE	T/D-UNATTENDED	230.00	34.50	
33	Total		874.00	127.17	55.30
34	NUMBER OF SUBSTATIONS T/D UNATTENDED - 5				
35					
36	DAVE JOHNSTON 69KV	TRANSMISSION-ATTEND	115.00	2.40	69.00
37	DAVE JOHNSTON PLANT/	TRANSMISSION-ATTEND	230.00	115.00	69.00
38	JIM BRIDGER 345KV	TRANSMISSION-ATTEND	345.00	230.00	34.50
39	JIM BRIDGER UNITS 1&2	TRANSMISSION-ATTEND	345.00	22.00	
40	JIM BRIDGER UNITS 3&4	TRANSMISSION-ATTEND	345.00	22.00	

SUBSTATIONS

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

Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVa)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	NAUGHTON	TRANSMISSION-ATTEND	230.00	69.00	
2	WYODAK 230KV	TRANSMISSION-ATTEND	230.00	69.00	
3	WYODAK PLANT	TRANSMISSION-ATTEND	230.00	22.00	
4	Total		2070.00	551.40	172.50
5	NUMBER OF SUBSTATIONS TRANS ATTENDED - 8				
6					
7	BAIROIL	TRANSMISSION-UNATTEN	115.00	34.50	57.00
8	CASPER	TRANSMISSION-UNATTEN	230.00	115.00	69.00
9	CHAPPELL CREEK	TRANSMISSION-UNATTEN	230.00	69.00	
10	FOOTE CREEK WIND FARM	TRANSMISSION-UNATTEN	230.00	34.50	
11	GLENDO AUTO	TRANSMISSION-UNATTEN	69.00	57.00	
12	MANSFACE	TRANSMISSION-UNATTEN	230.00	34.50	
13	MIDWEST	TRANSMISSION-UNATTEN	230.00	69.00	34.50
14	MINERS	TRANSMISSION-UNATTEN	230.00	115.00	34.50
15	MUSTANG	TRANSMISSION-UNATTEN	230.00	115.00	
16	OREGON BASIN	TRANSMISSION-UNATTEN	230.00	34.50	69.00
17	PLATTE	TRANSMISSION-UNATTEN	230.00	115.00	34.50
18	RAILROAD	TRANSMISSION-UNATTEN	230.00	138.00	
19	ROCK SPRINGS 230	TRANSMISSION-UNATTEN	230.00	34.50	
20	SAGE	TRANSMISSION-UNATTEN	69.00	46.00	
21	THERMOPOLIS	TRANSMISSION-UNATTEN	230.00	115.00	
22	WYOPO	TRANSMISSION-UNATTEN	230.00	34.50	
23	YELLOWTAIL	TRANSMISSION-UNATTEN	230.00	16.00	
24	Total		3473.00	1177.00	298.50
25	NUMBER OF SUBSTATIONS TRANS UNATTENDED - 17				
26					
27					
28	CALIFORNIA				
29	Distribution - 34				
30	T/D - 3				
31	Transmission - 9				
32					
33	IDAHO				
34	Distribution - 75				
35	T/D - 4				
36	Transmission - 20				
37					
38	OREGON				
39	Distribution - 218				
40	T/D - 10				

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	Transmission - 42				
2					
3	UTAH				
4	Distribution - 284				
5	T/D - 21				
6	Transmission - 48				
7					
8	WASHINGTON				
9	Distribution - 30				
10	T/D - 2				
11	Transmission - 9				
12					
13	WYOMING				
14	Distribution - 109				
15	T/D - 5				
16	Transmission - 25				
17					
18	ALL STATES				
19	Distribution - 750				
20	T/D - 45				
21	Transmission - 153				
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					

SUBSTATIONS (Continued)

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

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

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
						1
6	1					2
1	3					3
2	3					4
4	3					5
3	6					6
	1					7
6	1					8
13	1					9
1	1					10
8	3					11
4	3					12
9	3					13
13	1					14
2	3					15
4	1					16
31	2					17
11	2					18
6	1					19
16	4					20
6	6					21
2	3					22
2	3					23
2	3					24
18	3					25
1	1					26
	3					27
2	3					28
20	1					29
6	6					30
13	3					31
7	1					32
13	1					33
4	3					34
4	3					35
240	86					36
						37
						38
31	4					39
3	3					40

SUBSTATIONS (Continued)

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

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Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
95	2					1
129	9					2
						3
						4
5	3					5
28	6	1				6
60	3	1				7
2	3					8
125	1					9
220	16	2				10
						11
						12
19	3					13
150	2					14
19	1					15
38	3					16
226	9					17
						18
						19
						20
47	1					21
11	1					22
11	1					23
6	1					24
8	1					25
4	1					26
13	1					27
11	1					28
10	1					29
20	1					30
5	1					31
4	1					32
5	1					33
4	1					34
4	1					35
13	1					36
14	1					37
14	1					38
3	1					39
2	1					40

Name of Respondent
PacifiCorp

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(Mo, Da, Yr)
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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.

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

SUBSTATIONS (Continued)

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Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
20	1					1
22	1					2
14	1					3
8	1					4
5	1					5
13	1					6
13	1					7
4	1					8
4	1					9
7	1					10
7	1					11
14	1					12
20	1					13
4	1					14
20	1					15
835	77					16
						17
						18
71	4	1				19
14	1					20
189	4					21
40	2					22
314	11	1				23
						24
						25
115	4					26
115	4					27
						28
						29
75	2	1				30
250	1					31
25	3					32
67	1					33
67	1					34
27	1					35
67	1					36
15	3	1				37
75	3					38
75	1					39
763	8	1				40

SUBSTATIONS (Continued)

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Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
67	2					1
233	3					2
6	2					3
40	2					4
30	1					5
63	2					6
168	3					7
533	2					8
2646	42	3				9
						10
						11
						12
32	2					13
13	1					14
55	2	1				15
25	1					16
13	1					17
5	1					18
30	6					19
25	1					20
25	1					21
5	1					22
9	1					23
3	1					24
8	3	1				25
3	1					26
11	3					27
6	1					28
40	2					29
25	1					30
2	3					31
8	3					32
3	1					33
8	3					34
50	2					35
20	1					36
13	1					37
34	2					38
40	2					39
34	2					40

SUBSTATIONS (Continued)

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			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
20	1					1
9	3					2
20	1					3
45	2					4
25	1					5
5	3					6
25	1					7
80	2					8
45	2					9
1	3					10
20	1					11
1	3					12
9	2					13
20	1					14
40	2					15
13	1					16
20	1					17
13	1					18
2	3					19
25	1					20
50	2					21
75	3					22
13	1					23
50	2					24
7	1					25
13	1					26
8	3					27
3	1					28
1	3					29
1	3					30
9	3					31
2	1					32
45	2					33
20	1					34
6	2					35
3	1					36
19	2					37
25	1					38
21	4					39
5	3					40

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SUBSTATIONS (Continued)

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			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
20	1					1
9	1					2
8	3					3
8	3					4
25	2					5
5	1					6
13	1					7
11	3					8
6	1					9
20	1					10
45	2					11
1	4					12
25	115					13
20	1					14
8	3					15
13	1					16
6	3					17
40	2					18
45	2					19
20	1					20
75	3					21
50	2					22
40	2					23
20	1					24
20	1					25
75	2					26
13	1					27
20	1					28
20	1					29
6	1	1				30
25	2					31
3	3					32
40	2					33
6	1					34
50	2					35
9	3					36
13	3					37
2	3					38
40	2					39
105	3					40

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			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
40	2					1
9	1					2
25	2					3
25	1					4
20	1					5
20	1					6
79	14					7
45	2					8
17	6					9
4	3					10
2	3					11
2	3					12
	1					13
6	3					14
2	3					15
100	4					16
4	1					17
3	1					18
14	1					19
9	1					20
5	2					21
4	1					22
9	1					23
8	3					24
3	1					25
20	4					26
45	2					27
8	1					28
2	3					29
2	3					30
45	2					31
3	3					32
8	3					33
1	1	1				34
40	2					35
39	2					36
1	1					37
2	1					38
46	7	1				39
2	3					40

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			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
22	2					1
6	1					2
50	2					3
11	3					4
50	2					5
2	3					6
50	2					7
9	3					8
8	1					9
14	1					10
25	1					11
25	2					12
50	2					13
9	3					14
9	1					15
9	1					16
45	2					17
40	2					18
70	3					19
8	1					20
40	2					21
9	1					22
2	3					23
5	3					24
19	2					25
6	3					26
9	1					27
20	1					28
7	3					29
3	1					30
40	2					31
1	3					32
55	2					33
	1					34
25	1					35
3	1					36
4	1					37
13	1					38
42	2					39
13	1					40

SUBSTATIONS (Continued)

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

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			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
50	2					1
17	6					2
1	1					3
11	1					4
	2					5
3	1					6
13	1					7
25	2					8
13	2					9
1	3					10
50	2					11
25	1					12
40	2					13
22	4					14
7	1					15
13	3					16
25	2					17
3	3					18
3	1					19
50	2					20
2	3					21
22	2					22
23	9					23
40	2					24
60	3					25
2	3					26
28	3					27
5	1					28
23	3					29
37	2					30
4500	561	5				31
						32
						33
177	9					34
65	2					35
70	2					36
23	3					37
70	2					38
132	4					39
187	8					40

SUBSTATIONS (Continued)

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

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Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
39	4					1
400	4					2
75	5					3
1238	43					4
						5
						6
17	3					7
31	3					8
13	3					9
89	2	1				10
48	7	1				11
40	4					12
5	3					13
40	6	1				14
10	6					15
50	9					16
343	46	3				17
						18
						19
3	3					20
75	1					21
119	4					22
60	1					23
67	3					24
50	1					25
75	1					26
344	6					27
650	3	1				28
3	1					29
3	3					30
7	3					31
500	2					32
458	4					33
19	3					34
29	2					35
250	1					36
33	1					37
251	6	1				38
733	10					39
775	4	1				40

Name of Respondent
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(2) A Resubmission

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End of 2004/Q4

SUBSTATIONS (Continued)

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Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
1300	6	1				1
50	1					2
250	1					3
8	3	1				4
47	4					5
50	1					6
21	3					7
13	3					8
500	3					9
100	2					10
2	3					11
6845	93	5				12
						13
						14
						15
30	1					16
45	2					17
30	1					18
20	1					19
2	3					20
1	1					21
3	1					22
50	1					23
17	2					24
2	1					25
11	1					26
2	3					27
1	3					28
9	1					29
4	1					30
14	1					31
14	1					32
9	1					33
26	2					34
6	1					35
60	3					36
4	1					37
9	1					38
13	1					39
1	1					40

SUBSTATIONS (Continued)

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			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
20	1					1
3	1					2
6	1					3
25	1					4
40	2					5
22	1					6
2	1					7
25	1					8
3	1					9
	3					10
19	2					11
50	2					12
4	1					13
20	2					14
30	1					15
106	4					16
1	3					17
3	1					18
2	3					19
1	1					20
22	1					21
22	1					22
42	1					23
55	2					24
6	1					25
23	2					26
2	1					27
4	1					28
30	1					29
2	1					30
6	1					31
23	2					32
60	2					33
30	1					34
6	1					35
30	1					36
20	1					37
12	2					38
5	1					39
3	1					40

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			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
2	1					1
3	3					2
25	1					3
14	1					4
10	1					5
3	1					6
29	2					7
1	2					8
5	1					9
6	1					10
30	1					11
4	1					12
2	1					13
	1					14
22	1					15
28	2	1				16
2	1					17
43	2					18
10	1					19
3	1					20
5	2					21
72	3					22
11	1					23
1	3					24
60	2					25
3	1					26
3	3					27
11	3					28
1	3					29
25	1					30
50	2					31
22	1					32
4	1					33
32	2					34
22	1					35
13	2					36
1	3					37
1	1					38
5	3					39
2	1					40

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			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
22	1					1
13	2					2
30	1					3
30	1					4
2	3					5
3	1					6
5	1					7
7	1					8
1	3					9
60	2					10
5	1					11
53	2					12
6	1					13
5	1					14
40	2					15
2	1					16
20	1					17
20	1					18
4	1					19
20	1					20
	1					21
20	1					22
1	3					23
4	1					24
13	1					25
30	1					26
22	1					27
2	1					28
14	1					29
20	1					30
2	3					31
9	1					32
6	1					33
20	1					34
42	2					35
58	4					36
5	1					37
20	1					38
30	1					39
25	1					40

SUBSTATIONS (Continued)

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			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
14	1					1
1	1					2
2	1					3
19	2					4
13	1					5
3	1					6
3	1					7
6	1					8
25	1					9
5	1					10
6	1					11
6	1					12
7	1					13
20	1					14
25	1					15
5	1					16
2	1					17
22	1					18
13	1					19
45	10					20
14	1					21
24	2					22
6	1					23
11	5	3				24
22	1					25
3	1					26
20	1					27
14	1					28
48	2					29
55	2					30
4	1					31
5	1					32
4	3					33
35	2					34
50	2					35
16	2					36
8	4					37
6	1					38
20	1					39
2	1					40

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			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
14	1					1
22	1					2
25	1					3
14	1					4
2	1					5
4	1					6
60	2					7
4	1					8
15	1					9
1	3					10
14	1					11
13	1					12
3	1					13
45	2					14
45	2					15
22	2					16
20	1					17
5	1					18
4	1					19
30	1					20
24	3					21
	3					22
11	1					23
60	2					24
30	1					25
1	3					26
	1					27
1	3					28
13	2					29
5	3					30
20	1					31
6	1					32
20	1					33
2	1					34
40	2					35
5	1					36
30	1					37
13	1					38
30	1					39
20	2					40

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			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
60	2					1
25	1					2
14	1					3
2	1					4
39	8					5
22	2					6
6	1					7
4	1					8
4	1					9
2	1					10
20	1					11
14	1					12
7	1					13
30	1					14
8	1					15
6	1					16
	1					17
5	1					18
14	1					19
14	1					20
40	2					21
24	3					22
2	1					23
34	2					24
30	1					25
13	1					26
39	2					27
50	2					28
48	4					29
	1					30
22	1					31
3	1					32
33	2					33
2	3					34
2	1					35
25	1					36
5	1					37
13	1					38
30	1					39
2	3					40

SUBSTATIONS (Continued)

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			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
14	1					1
22	1					2
3	3					3
4	1					4
22	1					5
28	1					6
30	1					7
25	1					8
60	3					9
20	1					10
1	3					11
14	1					12
6	1					13
14	1					14
4	1					15
	1					16
6	1					17
20	1					18
	1					19
4753	428	4				20
						21
						22
135	3					23
175	3					24
289	6	1				25
114	2					26
97	2					27
164	2					28
22	1					29
340	4					30
135	3					31
97	2					32
51	7					33
180	3					34
26	4					35
100	2					36
3	4	3				37
200	4					38
358	4					39
1108	6	2				40

SUBSTATIONS (Continued)

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			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
130	2					1
158	3					2
30	1					3
3912	68	6				4
						5
						6
25	1					7
225	5					8
783	13	1				9
568	17					10
318	2					11
1513	5	1				12
981	4					13
4413	47	2				14
						15
						16
1538	6	1				17
67	1					18
133	2					19
100	1					20
1813	5					21
100	2					22
6	3	1				23
25	3					24
169	2					25
8	1					26
33	1					27
15	1					28
70	2					29
313	3					30
33	1					31
225	3					32
142	2					33
35	1					34
80	2					35
270	4					36
67	1					37
75	1					38
45	1					39
141	4					40

SUBSTATIONS (Continued)

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			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
900	2					1
67	1					2
13	1					3
67	1					4
68	2					5
15	1					6
138	2					7
133	2					8
258	3					9
400	1					10
	1					11
76	2					12
1124	6					13
1017	5					14
5	1					15
7	1					16
131	2					17
9922	87	2				18
						19
						20
						21
25	1					22
45	2					23
117	6					24
25	1					25
23	2					26
25	4					27
56	2					28
34	2					29
45	2					30
20	1					31
42	2					32
45	2					33
50	2					34
28	3					35
9	1					36
40	2					37
20	2					38
51	4					39
45	2					40

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			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
25	1					1
45	2					2
29	2					3
50	2					4
6	1					5
25	1					6
9	1					7
45	2					8
25	2					9
22	2					10
45	2					11
1071	61					12
						13
						14
14	1					15
348	5					16
362	6					17
						18
						19
13	6	1				20
183	9	1				21
196	15	2				22
						23
						24
125	1					25
39	9					26
300	2					27
261	3	1				28
300	2					29
120	2					30
144	5	1				31
1289	24	2				32
						33
						34
						35
1	3					36
2	3					37
25	1					38
13	1					39
2	1					40

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			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
25	1					1
2	1					2
5	1					3
7	1					4
8	1					5
150	2					6
73	4					7
25	1					8
2	3					9
2	3					10
2	6	1				11
13	1					12
4	1					13
	3					14
1	3					15
3	2					16
4	1					17
45	2					18
40	2					19
2	3					20
5	3					21
	3					22
9	1					23
13	1					24
6	3					25
9	1					26
5	1					27
13	1					28
9	1					29
40	2					30
2	3					31
50	2					32
						33
						34
25	1					35
20	1					36
50	2					37
6	1					38
6	1					39
45	2					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)	
3	4					1
25	1					2
20	1					3
3	1					4
6	1					5
25	1					6
10	1					7
3	3					8
2	3					9
25	2					10
50	2					11
13	1					12
20	1					13
4	3					14
1	3					15
4	1					16
13	1	1				17
1	3					18
6	3					19
3	1					20
5	1					21
1	3					22
	1					23
8	1					24
2	3					25
3	3					26
						27
2	3					28
5	1					29
8	1					30
6	9	2				31
2	3					32
3	3					33
2	3					34
25	1					35
3	1					36
2	3					37
13	1					38
200	2					39
20	1					40

SUBSTATIONS (Continued)

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

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

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
45	2					1
11	3					2
6	1					3
2	3					4
5	1					5
1	1					6
14	3	1				7
2	6					8
150	2					9
25	1					10
2	3					11
2	1					12
13	1					13
5	1					14
9	1					15
3	1					16
25	2					17
9	1					18
3	1					19
1	1					20
25	1					21
2	1					22
5	1					23
2	3					24
1683	204	5				25
						26
						27
8	6					28
20	1					29
45	2	1				30
50	3					31
25	1					32
148	13	1				33
						34
						35
214	12					36
1358	18					37
1084	22					38
1122	2					39
1122	2	1				40

SUBSTATIONS (Continued)

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

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

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
1232	15	1				1
60	1					2
503	3	1				3
6695	75	3				4
						5
						6
53	3					7
529	9					8
67	1					9
196	2					10
15	2					11
20	1					12
91	4					13
58	4	1				14
200	2					15
115	4					16
165	4					17
400	1					18
75	3					19
22	1					20
175	2					21
20	1	1				22
100	1					23
2301	45	2				24
						25
						26
						27
						28
240	34					29
129	3					30
446	9					31
						32
						33
835	75					34
314	4					35
2761	20					36
						37
						38
4500	218					39
1238	10					40

SUBSTATIONS (Continued)

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

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Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
7188	42					1
						2
						3
4753	284					4
3912	21					5
14335	48					6
						7
						8
1071	30					9
362	2					10
1485	9					11
						12
						13
1683	106					14
148	5					15
8996	25					16
						17
						18
13082	747					19
6103	45					20
35211	153					21
						22
						23
						24
						25
						26
						27
						28
						29
						30
						31
						32
						33
						34
						35
						36
						37
						38
						39
						40

Name of Respondent PacifiCorp	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/25/2005	Year/Period of Report 2004/Q4
FOOTNOTE DATA			

Schedule Page: 426.10 Line No.: 28 Column: a

The Dixonville 500kV Substation is jointly owned by the respondent and the Bonneville Power Administration ("the BPA"). Ownership of the substation is as follows: PacifiCorp 50.0%, the BPA 50.0%. Operation and maintenance costs are shared between the two parties and responsibility is as follows: PacifiCorp 58.0%, and the BPA 42.0%.

Schedule Page: 426.11 Line No.: 1 Column: a

The Meridian 500kV Substation is jointly owned by the respondent and the Bonneville Power Administration ("the BPA"). Ownership of the substation is as follows: PacifiCorp 50.0%, the BPA 50.0%. Operation and maintenance costs are shared between the two parties and responsibility is as follows: PacifiCorp 58.0%, and the BPA 42.0%.

THIS FILING IS

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

Form 1 Approved
OMB No. 1902-0021
(Expires 6/30/2007)
Form 1-F Approved
OMB No. 1902-0029
(Expires 6/30/2007)
Form 3-Q Approved
OMB No. 1902-0205
(Expires 6/30/2007)



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)

MidAmerican Energy Company

Year/Period of Report

End of 2004/Q4

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	Sycamore	Bondurant	345.00	345.00	Wd H-fr	9.70		1
2	Booneville	MO State Line	345.00	345.00	Wd H-fr	96.00		1
3	Lehigh	Sycamore	345.00	345.00	Stl H-fr	69.00		1
4	Sub K	Hills	345.00	345.00	Tower	12.59		1
5	CBEC	Madison County	345.00	345.00	Stl H-fr	111.39		1
6	Madison County	Booneville	345.00	345.00	Stl H-fr	13.15		1
7	Sub 93	Sub 39	345.00	345.00	Stl H-fr	47.60		1
8	Sub 93	Sub 92	345.00	345.00	Stl H-fr	23.85		1
9	Sub 93	Sub T	345.00	345.00	Stl H-fr	25.62		1
10	CBEC	NE State Line	345.00	345.00	Stl H-fr	6.16		1
11	DAEC	Hazelton	345.00	345.00	Tower	18.12		1
12	Sycamore	Booneville	345.00	345.00	Wd H-fr	23.92	7.50	1
13	Montezuma	Hills	345.00	345.00	Wd H-fr	53.50		1
14	Sub 39	MEC Cordova Sub	345.00	345.00	Tower	15.52		1
15	QCPS	MEC Cordova Sub	345.00	345.00	Tower&Stl H-fr	0.08		1
16	MEC Cordova Sub	Sub 39	345.00	345.00	Stl H-fr	0.08		1
17	Sub K	DAEC	345.00	345.00	Tower	29.38		1
18	Raun	Neal 4	345.00	345.00	Stl SP	2.12		2
19	Sub 56	Walcott	345.00	345.00	Tower	6.40		1
20	Raun	WAPA Sioux City	345.00	345.00	Stl H-fr	23.59		1
21	Raun	NE State Line (OPPD)	345.00	345.00	Tower	1.08		1
22	OGS	Montezuma	345.00	345.00	Stl H-fr	36.40		1
23	Raun	MN State Line	345.00	345.00	Tower	98.68		1
24	Raun	Neal North	345.00	345.00	Tower	0.78		1
25	Sub 56	Sub 91	345.00	345.00	Tower	13.37		1
26	Sub 91	QCPS	345.00	345.00	Tower	13.64		1
27	Raun	Lehigh	345.00	345.00	Stl H-fr	116.19	3.49	1
28	Lehigh	Webster	345.00	345.00	Stl H-fr	14.49		1
29	SE Polk	GDMEC	345.00	345.00	Stl SP	1.28		2
30	GDMEC	Bondurant	345.00	345.00	Stl SP	8.66		2
31	Raun	NE State Line (NPPD)	345.00	345.00	Tower	1.08		1
32	Sub 92	Hills	345.00	345.00	Tower	16.20		1
33	Adams (STR B330)	Hazleton (STR B255)	345.00	345.00	Tower	16.23		1
34	Bondurant	Montezuma	345.00	345.00	Wd H-fr	49.19		1
35	Walcott	Sub 92	345.00	345.00	Tower	21.50		1
36					TOTAL	2,046.21	39.57	135

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	SE Polk	Madison County	345.00	345.00	Stl SP	24.85		2
2	IA State Line	Cooper	345.00	345.00	Wd H-fr	23.18		1
3	Less non-MEC 345kV partial							
4	Ownership miles					-126.23		
5	345 kV Expenses							
6	Blackhawk	Hazleton (Str 95)	161.00	161.00	Wd H-fr	11.83		1
7	Raun	Morningside	161.00	161.00	Wd H-fr	16.53		1
8	Morningside	Plymouth	161.00	161.00	Wd H-fr	11.22		1
9	Sycamore	100th St. and 54th Ave.	161.00	161.00	Twr,StlSP,WdS	4.63		2
10	Creston	Clarinda	161.00	161.00	Wd H-fr	42.15		1
11	Butler	Blackhawk	161.00	161.00	Wd H-fr	23.83		1
12	Earlham	Booneville	161.00	161.00	Wd H-fr	14.20		1
13	Franklin	Butler	161.00	161.00	Wd H-fr	26.24		1
14	Sub 28	Sub 17	161.00	161.00	Wd H-fr	10.73		1
15	Booneville	West Grand	161.00	161.00	Wd H-fr	5.67		1
16	West Grand	60th St.	161.00	161.00	Wd H-fr	2.21		1
17	60th St.	Ashawa	161.00	161.00	Wd H-fr	2.25		1
18	Sub 56	Sub 89	161.00	161.00	Wd H-fr	22.14		1
19	Hastings	Bunge	161.00	161.00	Wd H-fr	19.79		1
20	Bunge	CBEC	161.00	161.00	Wd H-fr	2.17		1
21	Sub 39	Sub 31 Tap	161.00	161.00	Wd H-fr	5.66		1
22	Greenfield Plaza	SE Polk	161.00	161.00	Wd H-fr	7.49	6.59	2
23	DMEC	Altoona	161.00	161.00	Stl SP	6.61		1
24	Sub 702	Sub 701	161.00	161.00	Stl SP, Wd SP	1.89		2
25	Sub 701	NE State Line (OPPD)	161.00	161.00	Stl SP, Wd SP	6.71		2
26	Clarinda	Hastings	161.00	161.00	Wd H-fr	31.30		1
27	Wright	Wall Lake	161.00	161.00	Wd H-fr	11.68		1
28	Wall Lake	Franklin	161.00	161.00	Wd H-fr	17.72		1
29	Newport	Denmark	161.00	161.00	Wd H-fr	11.30		1
30	Sub 17	Sub 49	161.00	161.00	Stl SP, Wd SP	3.53		1
31	Washburn	Hazleton	161.00	161.00	Wd H-fr	28.53		1
32	Sac	Pomeroy	161.00	161.00	Wd H-fr	34.00		1
33	SE Polk	DMEC (West Line)	161.00	161.00	Stl SP	0.94		1
34	DMEC	Reasnor	161.00	161.00	Wd H-fr	23.30		1
35	SE Polk	DMEC (East Line)	161.00	161.00	Stl SP	0.93		1
36					TOTAL	2,046.21	39.57	135

TRANSMISSION LINE STATISTICS

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

Line No.	DESIGNATION		VOLTAGE (KV) (Indicate where other than 60 cycle, 3 phase)		Type of Supporting Structure (e)	LENGTH (Pole miles) (In the case of underground lines report circuit miles)		Number Of Circuits (h)
	From (a)	To (b)	Operating (c)	Designed (d)		On Structure of Line Designated (f)	On Structures of Another Line (g)	
1	100th & Douglas	109th & Clark	161.00	161.00	Stl SP, Wd SP	2.43		1
2	Webster	Wright	161.00	161.00	Wd H-fr	12.00		1
3	Sub 49	IPW Tie (Beaver Chnl.)	161.00	161.00	Wd H-fr, Wd	4.77		1
4	100th St & 54th Ave	100th & Douglas	161.00	161.00	Stl SP, Wd SP	3.89		1
5	Plymouth	LeMars South Tap	161.00	161.00	Wd H-fr	9.03		1
6	LeMars South Tap	Little Sioux	161.00	161.00	Wd H-fr	31.05		1
7	Sub 31 Tap	Sub 28	161.00	161.00	Wd H-fr	0.66		1
8	Hills	Parnell	161.00	161.00	Wd H-fr	27.56		1
9	Neal 4	Monona	161.00	161.00	Wd H-fr	32.18		1
10	Sub 89	Hills	161.00	161.00	Wd H-fr	28.76		1
11	Boone Jct	Sub T (Ft Dodge)	161.00	161.00	Wd H-fr	13.24		1
12	Raun	Neal 4	161.00	161.00	Stl SP	2.12		1
13	Thaw Shed Tap	Thaw Shed (Neal)	161.00	161.00	Wd SP	0.21		1
14	Wisdom	Triboji (Str 93)	161.00	161.00	Wd H-fr	12.56		1
15	Altoona	Bondurant	161.00	161.00	Stl SP	2.13		1
16	Neal North	Salix Jct.	161.00	161.00	Wd SP	4.18		1
17	SE Polk AF Term	SE Polk AB Term	161.00	161.00	Wd SP	0.04		1
18	Sub 18	Sub 43	161.00	161.00	Tower	8.88		1
19	Raun	Neal North (North Tie)	161.00	161.00	Stl H-fr	0.62		2
20	Bondurant	Sycamore	161.00	161.00	Wd H-fr	9.33		1
21	Sub T	Webster	161.00	161.00	Wd H-fr	14.23		1
22	Atlantic Munic Tap E	Earlham	161.00	161.00	Wd H-fr	42.16		1
23	Pomeroy	Sub T Tap	161.00	161.00	Wd H-fr	20.80		1
24	Sub T Tap	Webster	161.00	161.00	Wd H-fr	8.40		1
25	Avoca	Atlantic Munic Tap W	161.00	161.00	Wd H-fr	17.32		1
26	Sub T Tap	Sub T (Ft Dodge)	161.00	161.00	Wd H-fr	9.67		1
27	Raun	Neal North (South Tie)	161.00	161.00	Stl H-fr	0.62	0.62	2
28	109th & Clark	Ashawa	161.00	161.00	Stl SP, Wd SP	3.30		1
29	Monona	Carroll	161.00	161.00	Wd H-fr	50.54		1
30	Little Sioux	Clipper Sub	161.00	161.00	Wd H-fr	20.05	2.62	1
31	Clipper Sub	Sac County	161.00	161.00	Wd H-fr	2.99		
32	Sub 87	Newport	161.00	161.00	Wd H-fr	12.69		1
33	Winterset Jct.	Creston	161.00	161.00	Wd H-fr	24.12		1
34	Sub 18	Galesburg	161.00	161.00	Wd H-fr	35.35		1
35	Plymouth	WAPA Sioux City	161.00	161.00	Wd H-fr	1.20		1
36					TOTAL	2,046.21	39.57	135

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	Raun	NE State Line (OPPD)	161.00	161.00	Wd H-fr	1.55		1
2	CBEC	Avoca	161.00	161.00	Wd H-fr	32.77		1
3	Sub 85	Sub 56	161.00	161.00	Wd H-fr	3.79		1
4	OGS	Wapello	161.00	161.00	Wd H-fr	18.88		1
5	Parnell	Powesheik	161.00	161.00	Wd H-fr	32.95		1
6	Greenfield Plaza	Winterset Jct.	161.00	161.00	Wd H-fr, Stil P	23.79	18.75	2
7	Sub 18	Sub 85	161.00	161.00	Wd H-fr	7.47		1
8	Clarinda	MO State Line (SWPP)	161.00	161.00	Wd H-fr	12.30		1
9	Sub 18	Sub 87	161.00	161.00	Wd H-fr	26.54		1
10	Floyd	Emery	161.00	161.00	Wd H-fr	36.02		1
11	Sub 43	Sub 39	161.00	161.00	Tower, Wd H-fr	10.42		1
12	Ashawa	Army Post	161.00	161.00	Wd H-fr	4.28		1
13	Army Post	Greenfield Plaza	161.00	161.00	Wd H-fr	5.28		1
14	88th St. Sub	Alice's Road Sub	161.00	161.00	Stil SP, Wd SP	3.04		1
15	Alice's Road Sub	100th & 54 Sub	161.00	161.00	Stil SP, Wd SP	8.30		1
16	CBEC	Manawa	161.00	161.00	Stil SP, Wd SP	5.45		2
17	Manawa	Sub 702	161.00	161.00	Stil SP, Wd SP	2.26		2
18	Carroll County	Drager	161.00	161.00	Wd H-fr	5.49		1
19	Drager	Grand Junction	161.00	161.00	Wd H-fr	29.65		1
20	N.E. Ankeny	Alliant Tap (C17)	161.00	161.00	Stil SP	1.22		1
21	N.E. Ankeny	Alliant Tap (F23)	161.00	161.00	Stil SP	1.22		1
22	Less non-MEC 161kV Partial							
23	Ownership miles					-21.06		
24	161kV Epenses							
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36					TOTAL	2,046.21	39.57	135

TRANSMISSION LINE STATISTICS (Continued)

7. Do not report the same transmission line structure twice. Report Lower voltage Lines and higher voltage lines as one line. Designate in a footnote if you do not include Lower voltage lines with higher voltage lines. If two or more transmission line structures support lines of the same voltage, report the pole miles of the primary structure in column (f) and the pole miles of the other line(s) in column (g)

8. Designate any transmission line or portion thereof for which the respondent is not the sole owner. If such property is leased from another company, give name of lessor, date and terms of Lease, and amount of rent for year. For any transmission line other than a leased line, or portion thereof, for which the respondent is not the sole owner but which the respondent operates or shares in the operation of, furnish a succinct statement explaining the arrangement and giving particulars (details) of such matters as percent ownership by respondent in the line, name of co-owner, basis of sharing expenses of the Line, and how the expenses borne by the respondent are accounted for, and accounts affected. Specify whether lessor, co-owner, or other party is an associated company.

9. Designate any transmission line leased to another company and give name of Lessee, date and terms of lease, annual rent for year, and how determined. Specify whether lessee is an associated company.

10. Base the plant cost figures called for in columns (j) to (l) on the book cost at end of year.

Size of Conductor and Material (i)	COST OF LINE (Include in Column (j) Land, Land rights, and clearing right-of-way)			EXPENSES, EXCEPT DEPRECIATION AND TAXES				Line No.
	Land (j)	Construction and Other Costs (k)	Total Cost (l)	Operation Expenses (m)	Maintenance Expenses (n)	Rents (o)	Total Expenses (p)	
853 ACAR 24/13	89,218	548,653	637,871					1
853 ACAR 24/13	904,541	6,789,743	7,694,284					2
795 ACSR 26/7	1,210,472	7,633,618	8,844,090					3
795 ACSR 26/7	51,226	1,472,249	1,523,475					4
795 ACSR 26/7	3,747,103	16,371,697	20,118,800					5
795 ACSR 26/7	442,413	2,062,758	2,505,171					6
954 ACSR 54/7	873,662	5,814,497	6,688,159					7
795 ACSR 26/7	1,467,050	9,101,848	10,568,898					8
795 ACSR 26/7	1,602,754	8,350,723	9,953,477					9
954 ACSR 54/7	115,614	1,050,447	1,166,061					10
795 ACSR 26/7	73,727	1,343,225	1,416,952					11
853 ACAR 24/13	215,367	1,337,541	1,552,908					12
853 ACAR 24/13	492,061	4,903,027	5,395,088					13
954 ACSR 54/7	375,377	1,261,885	1,637,262					14
954 ACSR 45/7								15
954 ACSR 45/7								16
795 ACSR 26/7	119,542	2,177,921	2,297,463					17
795 ACSR 26/7		370,740	370,740					18
954 ACSR 54/7	34,031	600,751	634,782					19
954 ACSR 54/7	89,144	2,901,806	2,990,950					20
795 ACSR 26/7	1,491	182,949	184,440					21
795 ACSR 26/7	585,554	3,249,977	3,835,531					22
795 ACSR 26/7	548,864	5,429,515	5,978,379					23
795 ACSR 26/7		62,647	62,647					24
954 ACSR 54/7	385,998	1,378,316	1,764,314					25
954 ACSR 54/7	393,794	2,165,955	2,559,749					26
795&T2-397 ACSR	2,286,508	12,803,647	15,090,155					27
795 ACSR 26/7	285,276	2,641,094	2,926,370					28
T2-397 ACSR 26/7		437,215	437,215					29
T2-397 ACSR 26/7		2,958,100	2,958,100					30
954 ACSR 54/7	19,269	804,321	823,590					31
954 ACSR 54/7	86,138	1,520,590	1,606,728					32
795 ACSR 26/7	86,689	884,635	971,324					33
853 ACAR 24/13	452,482	3,005,942	3,458,424					34
954 ACSR 54/7	114,318	2,333,461	2,447,779					35
	23,229,998	203,279,222	226,509,220	3,224,028	1,256,759	703,648	5,184,435	36

TRANSMISSION LINE STATISTICS (Continued)

7. Do not report the same transmission line structure twice. Report Lower voltage Lines and higher voltage lines as one line. Designate in a footnote if you do not include Lower voltage lines with higher voltage lines. If two or more transmission line structures support lines of the same voltage, report the pole miles of the primary structure in column (f) and the pole miles of the other line(s) in column (g)

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10. Base the plant cost figures called for in columns (j) to (l) on the book cost at end of year.

Size of Conductor and Material (i)	COST OF LINE (Include in Column (j) Land, Land rights, and clearing right-of-way)			EXPENSES, EXCEPT DEPRECIATION AND TAXES				Line No.
	Land (j)	Construction and Other Costs (k)	Total Cost (l)	Operation Expenses (m)	Maintenance Expenses (n)	Rents (o)	Total Expenses (p)	
T2-397 ACSR		12,304,134	12,304,134					1
853 ACAR 24/13	14,260	183,314	197,574					2
								3
								4
				2,240,411	873,099	488,935	3,602,445	5
477 ACSR 26/7	31,718	248,335	280,053					6
556 ACSR 24/7	41,198	1,042,700	1,083,898					7
556 ACSR 24/7	27,963	707,737	735,700					8
1192 AL 61 STR	102,384	1,413,047	1,515,431					9
397 ACSR 26/7	58,436	2,598,067	2,656,503					10
477 ACSR 26/7	78,842	587,560	666,402					11
556 ACSR 26/7	86,922	415,585	502,507					12
477 ACSR 26/7	84,930	791,673	876,603					13
795 ACSR 26/7	59,016	660,330	719,346					14
2156 ACSR 84/19	34,732	166,058	200,790					15
2156 ACSR 84/19	13,122	158,910	172,032					16
2156 ACSR 84/19	13,359	161,787	175,146					17
397 ACSR 26/7	49,476	695,503	744,979					18
397 ACSR 26/7	53,147	433,810	486,957					19
397 ACSR 26/7	5,833	47,612	53,445					20
795 ACSR 26/7	31,130	348,321	379,451					21
556 ACSR 26/7	144,920	3,498,470	3,643,390					22
T2-556 ACSR 26/7	110,802	3,949,874	4,060,676					23
1192 AL 61 STR	8,810	265,349	274,159					24
1192 AL 61 STR	31,292	942,477	973,769					25
397 ACSR 26/7	84,295	1,674,042	1,758,337					26
477/1192 ACSR	35,688	242,573	278,261					27
477/1192 ACSR	54,143	368,014	422,157					28
556 ACSR 26/7	18,511	150,059	168,570					29
T2-397 ACSR 26/7	33,638	700,811	734,449					30
636 ACSR 26/7	59,190	1,225,857	1,285,047					31
477 ACSR 26/7	105,007	803,166	908,173					32
T2-556 AL 37 STR		149,673	149,673					33
397 ACSR 26/7	32,303	510,648	542,951					34
T2-556 ACSR 26/7	5,693	27,218	32,911					35
	23,229,998	203,279,222	226,509,220	3,224,028	1,256,759	703,648	5,184,435	36

TRANSMISSION LINE STATISTICS (Continued)

7. Do not report the same transmission line structure twice. Report Lower voltage Lines and higher voltage lines as one line. Designate in a footnote if you do not include Lower voltage lines with higher voltage lines. If two or more transmission line structures support lines of the same voltage, report the pole miles of the primary structure in column (f) and the pole miles of the other line(s) in column (g)

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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)	
1192 AL 61 STR	53,206	734,326	787,532					1
477 ACSR 26/7	36,808	452,953	489,761					2
795 ACSR 26/7	35,138	715,943	751,081					3
1192 AL 61 STR	85,305	1,368,081	1,453,386					4
477 ACSR 26/7	33,622	1,060,834	1,094,456					5
477 ACSR 26/7	105,670	824,949	930,619					6
795 ACSR 26/7	3,630	40,617	44,247					7
397 ACSR 26/7	61,588	907,319	968,907					8
636 ACSR 26/7	129,422	1,790,713	1,920,135					9
397 ACSR 26/7	64,269	903,463	967,732					10
397 ACSR 26/7	49,542	346,804	396,346					11
795 ACSR 26/7	8,456	74,957	83,413					12
336 ACSR 18/1		9,948	9,948					13
636 ACSR 26/7	46,271	276,122	322,393					14
T2-556 ACSR 26/7	35,705	1,293,817	1,329,522					15
954 ACSR 45/7	31,021	673,204	704,225					16
T2-556 AL 37 STR		6,370	6,370					17
1192 ACSR 54/19	166,503	1,165,187	1,331,690					18
1192 ACSR 45/7	1,091	9,897	10,988					19
1192 ACSR 45/7	156,547	5,580,616	5,737,163					20
477 ACSR 26/7	31,471	195,246	226,717					21
556 ACSR 26/7	275,458	1,316,997	1,592,455					22
477 ACSR 26/7	77,499	1,240,518	1,318,017					23
477 ACSR 26/7	31,297	500,978	532,275					24
556 ACSR 26/7	133,138	636,548	769,686					25
477 ACSR 26/7	38,571	373,094	411,665					26
1192 ACSR 45/7	1,091	9,897	10,988					27
1192 AL 61 STR	66,125	1,041,426	1,107,551					28
636 ACSR 26/7	198,174	2,349,872	2,548,046					29
477/1192 ACSR	71,190	610,737	681,927					30
477/1192 ACSR	10,617	91,077	101,694					31
556 ACSR 26/7	20,787	168,519	189,306					32
397 ACSR 26/7	33,440	528,621	562,061					33
556 ACSR 26/7	101,057	793,432	894,489					34
477 ACSR 26/7	3,665	21,885	25,550					35
	23,229,998	203,279,222	226,509,220	3,224,028	1,256,759	703,648	5,184,435	36

TRANSMISSION LINE STATISTICS (Continued)

7. Do not report the same transmission line structure twice. Report Lower voltage Lines and higher voltage lines as one line. Designate in a footnote if you do not include Lower voltage lines with higher voltage lines. If two or more transmission line structures support lines of the same voltage, report the pole miles of the primary structure in column (f) and the pole miles of the other line(s) in column (g)

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	Land (j)	Construction and Other Costs (k)	Total Cost (l)	Operation Expenses (m)	Maintenance Expenses (n)	Rents (o)	Total Expenses (p)	
556 ACSR 24/7	9,635	176,094	185,729					1
556 ACSR 26/7	200,594	959,065	1,159,659					2
556 ACSR 26/7	23,101	182,914	206,015					3
954 ACSR 45/7	146,467	1,252,558	1,399,025					4
397 ACSR 26/7	73,633	1,035,092	1,108,725					5
397/T2-556 ACSR	160,896	9,251,285	9,412,181					6
556 ACSR 26/7	45,533	361,690	407,223					7
397 ACSR 26/7	17,053	666,436	683,489					8
556 ACSR 26/7	115,774	940,244	1,056,018					9
636 ACSR 26/7	170,661	1,133,584	1,304,245					10
1192 ACSR 54/19	195,379	1,367,259	1,562,638					11
556 ACSR 26/7	24,787	200,958	225,745					12
556 ACSR 26/7	30,549	247,680	278,229					13
T2-556 AL 37 ST	274,504	840,382	1,114,886					14
T2-556 AL 37 ST	749,764	2,208,303	2,958,067					15
1192 AL 61 STR	24,812	850,317	875,129					16
1192 AL 61 STR	10,289	396,689	406,978					17
636 ACSR 26/7	15,428	172,852	188,280					18
636 ACSR 26/7	83,322	855,996	939,318					19
T2-556 ACSR 26/7		320,325	320,325					20
T2-556 ACSR 26/7		320,325	320,325					21
								22
								23
				983,617	383,660	214,713	1,581,990	24
								25
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								28
								29
								30
								31
								32
								33
								34
								35
	23,229,998	203,279,222	226,509,220	3,224,028	1,256,759	703,648	5,184,435	36

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) 12/31/2004	Year/Period of Report 2004/Q4
MidAmerican Energy Company			
FOOTNOTE DATA			

Schedule Page: 422 Line No.: 1 Column: p

Reconciliation of Operation and Maintenance Expenses:

Total Operations and Maintenance Expenses - Page 321 Line 100	13,080,287
Less costs in accounts 560, 561, 562, 567, 568, and 570 relating to Substations	(1,817,006)
Less cost in account 565 relating facilities owned by others	(6,078,846)
Total Operations and Maintenance Expenses - Page 423	<u>5,184,435</u>

Schedule Page: 422 Line No.: 3 Column: b

Detail for Page 422 Column B:

Line 3	MidAmerican Energy Company	Partial Ownership	- 72%
Lines 5-6	MidAmerican Energy Company	Partial Ownership	- 79.1%
Line 7	MidAmerican Energy Company	Partial Ownership	- 88.7%
Line 3	MidAmerican Energy Company	Partial Ownership	- 89%
Line 9	MidAmerican Energy Company	Partial Ownership	- 89%
Line 18	MidAmerican Energy Company	Partial Ownership	- 40.57%
Line 20	MidAmerican Energy Company	Partial Ownership	- 40.57%
Line 22	MidAmerican Energy Company	Partial Ownership	- 52%
Line 24	MidAmerican Energy Company	Partial Ownership	- 72%
Line 27	MidAmerican Energy Company	Partial Ownership	- 72%
Line 28	MidAmerican Energy Company	Partial Ownership	- 67.13%

Schedule Page: 422.1 Line No.: 29 Column: b

MidAmerican Energy Company Partial Ownership - 50%

Schedule Page: 422.2 Line No.: 32 Column: b

MidAmerican Energy Company Partial Ownership - 50%

Schedule Page: 422.3 Line No.: 4 Column: b

MidAmerican Energy Company Partial Ownership - 52%

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	Wright	Wall Lake (E40)	0.02	Wd SP, Stl SP		1	1
2	Wall Lake	Franklin (C87)	0.02	Wd SP, Stl SP		1	1
3	Little Sioux	Clipper Sub (E96)	0.02	Wd SP, Stl SP		1	1
4	Clipper Sub	Sac County (D60)	0.02	Wd SP, Stl SP		1	1
5	W. Grand	60th St. (C40)	0.08	Stl SP		1	1
6	60th St.	Ashawa (E11)	0.05	Stl SP		1	1
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42							
43							
44	TOTAL		0.21			6	6

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)	
1192	ACSR	Vertical	161		26,437	26,437		52,874	1
1192	ACSR	Vertical	161		26,437	26,437		52,874	2
1192	ACSR	Vertical	161		25,252	25,251		50,503	3
1192	ACSR	Vertical	161		25,252	25,251		50,503	4
2156	ACSR	Vertical	161		60,164	60,163		120,327	5
2156	ACSR	Vertical	161		40,611	40,610		81,221	6
									7
									8
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					204,153	204,149		408,302	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	16th & College, IA	Distribution	69.00	13.80	
2	16th & College, IA		69.00	13.80	
3	16th & Wabash, IA		69.00	13.80	
4	16th & Wabash, IA		161.00	13.80	
5	16th & Wabash, IA		161.00	69.00	13.80
6	16th & Wabash, IA		69.00	4.00	
7	37th & Rock Island, IA		69.00	13.80	
8	38th & Franklin, IA		69.00	13.80	
9	50th & Aurora, IA		69.00	13.80	
10	60th Street, IA		161.00	13.80	
11	63rd & Park, IA		69.00	13.80	
12	73rd & Buffalo, IA		69.00	13.80	
13	76th & Douglas, IA		69.00	13.80	
14	88th St WDM, IA		161.00	13.80	
15	100th & Douglas, IA		161.00	13.80	
16	100th & 54th Avenue, IA		161.00	13.80	
17	109th & Clark, IA		161.00	13.80	
18	Ackley, IA		69.00	4.16	
19	Adel, IA		69.00	13.80	
20	ADM, IA		69.00	13.80	
21	Alcester, SD		69.00	12.47	
22	Alices Road, IA		161.00	13.80	
23	Alleman, IA		69.00	13.80	
24	Allison, IA		34.50	4.16	
25	Altoona, IA		161.00	13.80	
26	Ankeny, IA		69.00	13.80	
27	Army Post Road, IA		161.00	13.80	
28	Auburn, IA		69.00	12.47	
29	Audubon North, IA		69.00	12.47	
30	Avoca, IA		69.00	13.80	
31	Avoca, IA		161.00	69.00	13.80
32	Avoca, IA		161.00	69.00	34.50
33	Avoca, IA		161.00	69.00	
34	Barnum Sub, Barnum, IA		69.00	13.80	
35	Battle Creek, IA		69.00	12.47	
36	Battle Creek MAPCO, IA		69.00	2.40	
37	Beacon, IA		161.00	69.00	
38	Beacon, IA		161.00	69.00	13.80
39	Bedford, IA		34.50	13.80	
40	Bode, IA		69.00	12.47	

SUBSTATIONS

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			Primary (c)	Secondary (d)	Tertiary (e)
1	Boyden, IA	Distribution	69.00	13.80	
2	Buena Vista, IA		161.00	69.00	
3	Bunge, IA		161.00	13.80	
4	Butler, IA		34.50	12.47	
5	Butler, IA		69.00	34.50	
6	Butler, IA		161.00	69.00	
7	Carroll County, IA		161.00	69.00	34.50
8	Carroll County, IA		161.00	13.80	
9	Carroll North, IA		69.00	12.47	
10	Carroll South, IA		69.00	12.47	
11	Charles City North, IA		69.00	12.47	
12	Charles Cith South, IA		69.00	12.47	
13	Charter Oak, IA		69.00	12.47	
14	Cherokee North, IA		69.00	12.47	
15	Cherokee South, IA		69.00	12.47	
16	Clarion, IA		69.00	12.47	
17	Clarksville East, IA		34.50	4.16	
18	Clarksville East, IA		69.00	34.50	
19	Clarksville East, IA		69.00	4.00	
20	Clow, IA		69.00	13.80	
21	Colfax, IA		69.00	13.80	
22	Coral Ridge, IA		161.00	13.80	
23	Correctionville, IA		69.00	13.80	
24	Craig, IA		69.00	12.47	
25	Danbury, IA		69.00	12.47	
26	Deere Components, IA		161.00	13.80	
27	Deere Engine, IA		161.00	13.80	
28	Deere Foundry, IA		161.00	13.80	
29	Deere Northeast, IA		161.00	13.80	
30	Denver, IA		69.00	12.47	
31	Dewar, IA		69.00	12.47	
32	Division, IA		69.00	12.47	
33	Dow City, IA		69.00	12.47	
34	Dumont, IA		34.50	12.47	
35	Dumont, IA		69.00	34.50	
36	Dunlap, IA		69.00	13.80	
37	Eagle Grove North, IA		69.00	12.47	
38	Earlham, IA		69.00	13.80	
39	Earlham, IA		161.00	69.00	13.80
40	Earling, IA		69.00	12.47	

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Line No.	Name and Location of Substation (a)	Character of Substation (b)	VOLTAGE (In MVA)		
			Primary (c)	Secondary (d)	Tertiary (e)
1	Early, IA	Distribution	69.00	13.80	
2	E 17th & Broadway, IA		69.00	13.80	
3	E 17th & Washington, IA		69.00	4.16	
4	E 17th & Washington, IA		69.00	13.80	
5	E 23rd & Dean, IA		69.00	13.80	
6	E 29th & Hubbell, IA		69.00	4.16	
7	E 29th & Hubbell, IA		69.00	13.80	
8	E 46th & Jefferson, IA		69.00	13.80	
9	Easter Lake, IA		161.00	13.80	
10	Electrifarm 161, IA		69.00	13.20	
11	Electrifarm 161, IA		161.00	13.20	
12	Electrifarm 161, IA		161.00	69.00	13.80
13	Elliot Pump Station, IA		69.00	4.16	
14	Emerson, IA		69.00	13.80	
15	Emmetsburg South, IA		69.00	13.80	
16	Enron Pipeline, IA		69.00	4.16	
17	Estherville, IA		69.00	12.47	
18	Exira, IA		69.00	13.20	
19	Floyd, IA		161.00	69.00	13.80
20	Forest & Vermont, IA		161.00	69.00	13.80
21	Forest & Vermont, IA		161.00	13.80	
22	Gilbertville, IA		69.00	12.47	
23	Gilmore City, IA		69.00	12.47	
24	Glenwood, IA		69.00	13.80	
25	Glover & Watrous, IA		161.00	13.80	
26	Griswold, IA		69.00	13.80	
27	Hampton West, IA		69.00	12.47	
28	Hastings, IA		161.00	69.00	13.80
29	Holstein North, IA		69.00	12.47	
30	Honey Creek, IA		69.00	13.20	
31	Hospers, IA		69.00	12.47	
32	Hudson, SD		69.00	12.47	
33	Hull, IA		69.00	12.47	
34	Humboldt Central, IA		69.00	12.47	
35	Humboldt East, IA		69.00	12.47	
36	Ida Grove, IA		69.00	12.47	
37	Indianola, IA		69.00	13.80	
38	Interchange, IA		161.00	12.47	
39	Inwood, IA		69.00	12.47	
40	Ireton, IA		69.00	12.47	

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			Primary (c)	Secondary (d)	Tertiary (e)
1	Irwin, IA	Distribution	69.00	12.47	
2	James, IA		69.00	12.47	
3	Janesville, IA		69.00	12.47	
4	Jesup, IA		69.00	12.47	
5	John Deere, IA		69.00	13.80	
6	Kellogg, IA		69.00	34.50	
7	Kellogg, IA		161.00	12.47	
8	Kellogg, IA		161.00	69.00	
9	Kingsley, IA		69.00	13.80	
10	Knox Gelatin, IA		69.00	12.47	
11	Knoxville, IA		69.00	13.80	
12	Knoxville Industrial, IA		69.00	13.80	
13	Lake City, IA		69.00	12.47	
14	Latimer, IA		69.00	12.47	
15	Lawton, IA		69.00	13.80	
16	Le Mars North, IA		69.00	12.47	
17	Le Mars South, IA		69.00	12.47	
18	Le Mars South, IA		161.00	69.00	
19	Le Mars West, IA		69.00	12.47	
20	Leeds, IA		161.00	12.47	
21	Little Sioux, Sioux City IA		69.00	7.20	
22	Little Sioux, Sioux City IA		69.00	34.50	
23	Little Sioux, Sioux City IA		161.00	69.00	
24	Little Sioux, Council Bluffs IA		69.00	13.20	
25	Logan, IA		69.00	13.80	
26	Logan Park, IA		69.00	12.47	
27	Lundquist, IA		161.00	13.80	
28	Luverne, IA		69.00	12.47	
29	Luverne MAPCO, IA		69.00	2.40	
30	Macedonia, IA		69.00	13.80	
31	Mahaska, IA		69.00	13.80	
32	Malvern, IA		69.00	13.80	
33	Manawa, IA		161.00	13.80	
34	Mapleton, IA		69.00	12.47	
35	Marcus East, IA		69.00	12.47	
36	M L King, IA		161.00	13.80	
37	Massey Ferguson, IA		69.00	13.80	
38	Mccook, SD		69.00	12.47	
39	McCoy, IA		69.00	12.47	
40	Merrill, IA		69.00	12.47	

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			Primary (c)	Secondary (d)	Tertiary (e)
1	Mid America, IA	Distribution	69.00	2.40	
2	Midport, IA		161.00	13.80	
3	Midway, IA		34.50	13.80	
4	Minden, IA		69.00	13.80	
5	Missouri Valley, IA		69.00	13.80	
6	Mondamin, IA		69.00	13.80	
7	Monona, IA		161.00	69.00	13.80
8	Monroe, IA		69.00	13.80	
9	Morningside, IA		161.00	12.47	
10	Morningside, IA		69.00	12.47	
11	Moville, IA		69.00	12.47	
12	Murphy, IA		69.00	13.80	
13	N. Union & Madison, IA		69.00	4.16	
14	Nashua, IA		69.00	12.47	
15	New Hartford, IA		34.50	12.47	
16	New Market, IA		34.50	13.80	
17	New Sharon, IA		69.00	13.80	
18	Newell Jct, IA		69.00	34.50	
19	Newell Jct, IA		69.00	34.50	
20	Newell Township, IA		34.50	13.80	
21	North Oakland, IA		69.00	13.80	
22	Northgate, IA		161.00	13.20	
23	Odebolt, IA		69.00	12.47	
24	Odebolt, IA		69.00	34.50	
25	Orange City Rural, IA		69.00	12.47	
26	Oskaloosa, IA		69.00	13.80	
27	Oskaloosa M Ave West, IA		69.00	13.80	
28	Palmer, IA		34.50	12.47	
29	Patterson, IA		69.00	13.80	
30	Percival, IA		69.00	13.80	
31	Plainfield, IA		69.00	12.47	
32	Pleasantville, IA		69.00	13.80	
33	Pocahontas 69KV, IA		69.00	12.47	
34	Pomeroy, IA		34.50	12.47	
35	Pomeroy 161KV, IA		161.00	69.00	34.50
36	Pomeroy 161KV, IA		69.00	34.50	
37	Pomeroy 161KV, IA		69.00	13.80	2.40
38	Portsmouth, IA		69.00	13.80	
39	Prairie City, IA		69.00	13.80	
40	Red Oak, IA		69.00	13.80	

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			Primary (c)	Secondary (d)	Tertiary (e)
1	Redfield, IA	Distribution	69.00	13.80	
2	Ridgeway, IA		69.00	13.80	
3	RHEC, IA		69.00	13.80	
4	RHEC, IA		69.00	13.20	
5	Rock Valley, IA		69.00	12.47	
6	Rockwell City, IA		69.00	12.47	
7	Ruthven, IA		69.00	13.80	
8	Sac City, IA		69.00	12.47	
9	Salsbury/Solvay, IA		69.00	4.16	
10	Sanborn Corner, IA		69.00	13.80	
11	Schaller, IA		69.00	12.47	
12	Schleswig, IA		69.00	12.47	
13	Second & Broadway, IA		69.00	13.80	
14	Sheffield, IA		69.00	12.47	
15	Sheldon, IA		69.00	13.80	
16	Shell Rock, IA		34.50	12.47	
17	Shenandoah, IA		69.00	13.80	
18	Sidney, IA		69.00	13.80	
19	Sioux City West, IA		69.00	12.47	
20	Sioux River, SD		69.00	12.47	
21	Sloan, IA		69.00	12.47	
22	Smithland, IA		69.00	12.47	
23	S.E. 124th Street, IA		69.00	13.80	
24	S.E. 30th & Vandalia, IA		69.00	13.80	
25	South Page, IA		69.00	13.80	
26	SouthPark, IL		69.00	13.80	
27	State Steel, IA		69.00	4.16	
28	Storm Lake East, IA		69.00	13.80	
29	Storm Lake North, IA		69.00	13.80	
30	Sub 17 Cordova, IL		161.00	69.00	13.80
31	Sub 20 Moline, IL		13.80	4.16	
32	Sub 22 Moline, IL		69.00	13.80	
33	Sub 23 Rock Island, IL		13.80	4.16	
34	Sub 25 Moline, IL		13.80	4.16	
35	Sub 27 Green Rock, IL		69.00	13.80	
36	Sub 28 Joslin, IL		161.00	13.80	
37	Sub 29 Moline, IL		13.80	4.16	
38	Sub 36 Moline, IL		69.00	13.80	
39	Sub 37 East Moline, IL		69.00	13.80	
40	Sub 38 Rock Island, IL		69.00	13.80	

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			Primary (c)	Secondary (d)	Tertiary (e)
1	Sub 40 Moline, IL	Distribution	69.00	13.80	
2	Sub 41 Rock Island, IL		69.00	13.80	
3	Sub 42 Rock Island, IL		69.00	13.80	
4	Sub 43 Coal Valley, IL		161.00	13.80	
5	Sub 46 Silvis, IL		69.00	13.80	
6	Sub 47 Silvis, IL		161.00	13.80	
7	Sub 50 Blue Grass, IA		69.00	13.80	
8	Sub 53 Davenport, IA		161.00	13.80	
9	Sub 54 Camanche, IA		69.00	13.80	
10	Sub 55 Princeton, IA		69.00	13.80	
11	Sub 57 Bettendorf, IA		69.00	13.80	
12	Sub 58 Davenport, IA		161.00	13.80	
13	Sub 59 Davenport, IA		69.00	13.80	
14	Sub 71 Bettendorf, IA		161.00	13.80	
15	Sub 72 Bettendorf, IA		69.00	13.80	
16	Sub 73 Camanche, IA		69.00	13.80	
17	Sub 74 Davenport, IA		161.00	13.80	
18	Sub 75 Davenport, IA		69.00	13.80	
19	Sub 76 Davenport, IA		161.00	13.80	
20	Sub 77 Mount Joy, IA		161.00	13.80	
21	Sub 78 Davenport, IA		161.00	13.80	
22	Sub 84 LeClaire, IA		69.00	13.80	
23	Sub 91 Near Eldridge, IA		345.00	161.00	
24	Sub 101 Orion, IL		69.00	13.80	
25	Sub 102 Stevenson, IL		69.00	13.80	
26	Sub 104 Kain, IL		69.00	13.80	
27	Sub 105 Crawford, IL		69.00	13.80	
28	Sub 107 Reynolds, IL		69.00	13.80	
29	Sub 108 Johnston, IL		69.00	13.80	
30	Sub 111 Cederstrom, IL		69.00	13.80	
31	Sub 112, IL		161.00	13.80	
32	Sub 701, IA		69.00	13.80	
33	Sub 701, IA		161.00	69.00	13.80
34	Sub 701, IA		161.00	13.80	
35	Sub 701, IA		161.00	13.20	
36	Sub 703, IA		69.00	13.80	
37	Sub 704, IA		69.00	13.80	
38	Sub 705, IA		69.00	13.80	
39	Sub 705, IA				
40	Sub A Iowa City, IA		13.80	4.16	

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			Primary (c)	Secondary (d)	Tertiary (e)
1	Sub A Riverside, Bettendorf, IA	Distribution	161.00	69.00	13.80
2	Sub A Riverside, Bettendorf, IA		161.00	13.80	
3	Sub A Riverside, Bettendorf, IA		69.00	13.80	
4	Sub A-1 Bettendorf, IA		69.00	13.80	
5	Sub B Iowa City, IA		69.00	13.80	
6	Sub C Moline, IL		13.80	4.16	
7	Sub D Fort Dodge, IA		13.80	4.16	
8	Sub D Iowa City, IA		13.80	4.16	
9	Sub E East Moline, IL		69.00	13.80	
10	Sub E Fort Dodge, IA		13.80	4.16	
11	Sub E Iowa City, IA		161.00	13.80	
12	Sub F Fort Dodge, IA		13.80	4.16	
13	Sub F Iowa City, IA		13.80	4.16	
14	Sub F Rock Island, IL		13.80	4.16	
15	Sub G Davenport, IA		69.00	13.80	
16	Sub G Davenport, IA		39.84	13.80	
17	Sub G Fort Dodge, IA		69.00	13.80	
18	Sub J Iowa City, IA		161.00	69.00	
19	Sub J Iowa City, IA		161.00	13.80	
20	Sub K Fort Dodge, IA		69.00	13.80	
21	Sub K Near Tiffin, IA		345.00	161.00	
22	Sub M Manson, IA		69.00	13.80	
23	Sub M Moline, IL		13.80	4.16	
24	Sub N Fort Dodge, IA		13.80	4.16	
25	Sub N Iowa City, IA		13.80	4.16	
26	Sub P Coralville, IA		161.00	13.80	
27	Sub P Coralville, IA		161.00	69.00	
28	Sub P Moline, IL		69.00	13.80	
29	Sub Q Fort Dodge, IA		69.00	13.80	
30	Sub R Farnhamville, IA		69.00	13.80	
31	Sub R Rock Island, IL		69.00	13.80	
32	Sub S Rock Island, IL		69.00	13.80	
33	Sub U Iowa City, IA		161.00	13.80	
34	Sub U Moline, IL		13.80	4.16	
35	Sub V Fort Dodge, IA		69.00	13.80	
36	Sub Y Iowa City, IA		161.00	13.80	
37	Sulphur Springs, IA		34.50	4.16	
38	Sutherland Jct, IA		69.00	13.80	
39	Templeton, IA		69.00	12.47	
40	Terra Chemical, IA		69.00	4.16	

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			Primary (c)	Secondary (d)	Tertiary (e)
1	Thor, IA	Distribution	69.00	13.80	
2	Thurman, IA		69.00	13.80	
3	Tracy, IA		69.00	13.80	
4	Ute, IA		69.00	12.47	
5	Walnut, IA		69.00	13.80	
6	Washburn, IA		161.00	69.00	13.80
7	Washburn, IA		161.00	13.80	
8	Washta, IA		34.50	7.20	
9	Waterloo West, IA		161.00	13.80	
10	Waterworks, IA		69.00	4.16	
11	Waukee, IA		69.00	13.80	
12	Waverly Junction, IA		69.00	12.47	
13	West Des Moines, IA		69.00	13.80	
14	West Grand, IA		161.00	13.80	
15	Westside, IA		69.00	12.47	
16	Whiting, IA		69.00	12.47	
17	Wida, IA		69.00	12.47	
18	Wida, IA		69.00	13.80	
19	Williams Pipeline, IA		69.00	2.40	
20	Winterset Pump Station, IA		69.00	4.16	
21	Wright, IA		161.00	69.00	
22	Zeidler, IA		69.00	13.80	
23	Galesburg, IL		161.00	138.00	
24	Hazelton, IA		345.00	161.00	13.80
25	Neal North, IA		161.00	69.00	
26	Raun, IA		345.00	161.00	13.80
27	S.E. Polk, IA		345.00	161.00	13.80
28	Wall Lake, IA		161.00	69.00	13.80
29	Webster, IA		345.00	161.00	13.80
30	Ashawa, IA	Transmission and	161.00	13.80	
31	Ashawa, IA	Distribution	161.00	69.00	13.80
32	Black Hawk, IA		161.00	69.00	13.80
33	Bondurant, IA		161.00	13.80	
34	Booneville, IA		345.00	161.00	13.80
35	Booneville, IA		161.00	13.80	
36	CBEC, IA		161.00	69.00	13.80
37	CBEC, IA		345.00	161.00	13.80
38	CBEC, IA		69.00	13.80	
39	CBEC, IA		161.00	13.80	
40	Clarinda, IA		69.00	13.20	

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	Clarinda, IA	Tansmission and	69.00	34.50	
2	Clarinda, IA	Distribution	161.00	69.00	
3	DPS, IA		69.00	13.80	
4	DPS, IA		161.00	69.00	13.80
5	Greenfield Plaza, IA		161.00	13.80	
6	Hills Sub Hills, IA		345.00	161.00	13.80
7	Hills Sub Hills, IA		161.00	69.00	13.80
8	Neal North, IA		161.00	4.16	
9	Plymouth, IA		161.00	69.00	13.80
10	Plymouth, IA		69.00	34.50	
11	Sac County, IA		161.00	69.00	13.80
12	Sac County, IA		34.50	12.47	
13	Sub 18 Rock Island, IL		161.00	69.00	13.80
14	Sub 18 Rock Island, IL		69.00	13.80	
15	Sub 39 Barstow, IL		345.00	161.00	
16	Sub 39 Barstow, IL		161.00	69.00	13.80
17	Sub 56 Davenport, IA		345.00	161.00	13.80
18	Sub 56 Davenport, IA		161.00	69.00	13.80
19	Sub 56 Davenport, IA		161.00	13.80	
20	Sub 56 Near Walcott, IA		69.00	13.80	
21	Sub T Fort Dodge, IA		161.00	69.00	13.80
22	Sub T Fort Dodge, IA		161.00	13.80	
23	Sycamore EC, IA		345.00	161.00	13.80
24	Sycamore EC, IA		161.00	69.00	13.80
25	Sycamore EC, IA		161.00	13.80	
26	Sycamore EC, IA				
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					

SUBSTATIONS (Continued)

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

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

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
22	1					1
22	1					2
56	2					3
67	2					4
190	2					5
		1				6
22	1					7
45	2					8
45	2					9
33	1					10
22	1					11
45	2					12
45	2					13
33	1					14
67	2					15
67	2					16
67	2					17
5	1					18
22	1					19
18	1					20
4	1					21
33	1					22
5	1					23
4	1	1				24
67	2					25
44	2					26
33	1					27
6	1					28
20	1					29
11	1					30
50	1					31
		1				32
83	1					33
6	1					34
6	1					35
3	1					36
167	1					37
90	1					38
13	1	1				39
4	1					40

SUBSTATIONS (Continued)

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

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

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
6	1	1				1
125	1					2
33	1					3
8	1					4
22	1					5
33	1					6
50	1					7
33	1					8
25	1					9
25	1					10
25	1					11
25	1					12
5	1					13
25	1					14
25	1					15
8	1					16
6	2					17
20	1					18
		2				19
13	1					20
11	1					21
33	1					22
6	1					23
3	1					24
3	1					25
66	2					26
50	2					27
140	5					28
100	2					29
7	1					30
11	1					31
50	2					32
6	1					33
3	1					34
14	1					35
9	1					36
20	1					37
6	1					38
90	1					39
6	1					40

SUBSTATIONS (Continued)

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

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

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
12	2					1
33	2					2
11	1					3
22	1					4
45	2					5
6	1					6
22	1					7
16	1					8
33	1					9
95	1					10
150	2					11
100	1					12
6	1					13
4	1					14
16	1					15
5	1					16
28	1					17
9	1					18
125	1					19
179	2					20
33	1					21
3	1					22
3	1					23
42	2					24
67	2					25
11	1					26
25	2					27
90	1					28
11	1					29
11	1					30
6	1					31
2	1					32
10	1					33
25	1					34
20	1					35
25	1					36
11	1					37
67	2					38
3	1					39
4	1					40

SUBSTATIONS (Continued)

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

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

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
6	1					1
6	1					2
6	1					3
11	1					4
67	3					5
		1				6
100	3					7
150	1					8
6	1					9
11	1					10
22	1					11
22	1					12
13	1					13
2	1					14
6	1	1				15
25	1					16
50	2					17
83	1					18
33	1					19
33	1					20
2	3					21
		1				22
93	1					23
4	1					24
8	1					25
25	1					26
83	3					27
3	1					28
2	1					29
11	1					30
25	1					31
8	1					32
33	1					33
2	3					34
13	1					35
66	2					36
10	1					37
50	2					38
7	1	1				39
3	1					40

SUBSTATIONS (Continued)

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

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

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
2	3					1
33	1					2
1	3					3
5	1					4
18	1					5
2	1					6
42	1					7
11	1					8
33	1					9
		1				10
6	1	2				11
57	3					12
5	1					13
5	1					14
3	1					15
4	1	1				16
11	1					17
13	1					18
20		1				19
11	1					20
7	1	1				21
33	1					22
5	1					23
		1				24
3	1	1				25
38	2					26
22	1					27
2	1					28
11	1					29
3	1					30
3	1					31
16	1					32
8	1					33
3	1					34
50	1	1				35
		1				36
		1				37
3	1					38
13	1					39
45	2					40

SUBSTATIONS (Continued)

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

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

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
13	1					1
40	2					2
145	5					3
136	2					4
17	1					5
20	1					6
3	1					7
13	1	1				8
11	1					9
4	1					10
6	1					11
3	1					12
45	2					13
5	1					14
50	2	1				15
9	1					16
45	2					17
2	1					18
50	2					19
10	1					20
6	1					21
3	1					22
11	1					23
21	2					24
3	1					25
33	1	1				26
4	1					27
25	1					28
25	1					29
53	1					30
6	1					31
57	2					32
3	1					33
6	1					34
13	1					35
13	1					36
3	1					37
33	1					38
53	2					39
60	2					40

SUBSTATIONS (Continued)

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

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)	
53	2					1
13	1					2
13	1					3
22	1					4
13	1					5
33	1					6
13	1					7
53	2					8
13	1					9
13	1					10
53	2					11
67	2					12
67	2					13
33	1					14
67	2					15
13	1					16
53	2					17
58	2					18
67	2					19
33	1					20
67	2					21
13	1					22
500	1					23
13	1					24
5	3					25
9	1					26
10	3					27
5	3					28
5	3					29
7	1					30
13						31
45	2					32
90	1					33
33	1					34
66	2					35
45	2					36
32	2					37
45	2					38
						39
7	1					40

SUBSTATIONS (Continued)

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

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

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
86	2					1
33	1					2
147	4					3
		1				4
67	2					5
6	1					6
6	1					7
6	1					8
60	2					9
4	1					10
67	2					11
4	1					12
7	1					13
6	1					14
60	2					15
25	3	2				16
13	1					17
67	1					18
55	2					19
27	1					20
336	1	1				21
6	1					22
6	1					23
4	1					24
4	1					25
67	2					26
67	1					27
67	2					28
60	2					29
12	1	1				30
57	2					31
60	2					32
67	2					33
6	1					34
12	1					35
53	2					36
	2					37
6	1					38
3	1					39
50	3					40

SUBSTATIONS (Continued)

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

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)	
6	1					1
11	1					2
6	1					3
3	1					4
9	1					5
50	1					6
33	1					7
3	3					8
33	1					9
4	1					10
22	1					11
2	1					12
45	2					13
33	1					14
6	1					15
6	1					16
4	1					17
22	1					18
3	1					19
4	1					20
83	1					21
16	1					22
200						23
336	1					24
83	1	1				25
600	2					26
550	1					27
83						28
500	1					29
67	2					30
170	2					31
50	1					32
33	1					33
560	1					34
22	1					35
179	2					36
560	1					37
50	1					38
140	1					39
42	2					40

SUBSTATIONS (Continued)

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

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

Capacity of Substation (In Service) (In MVA) (f)	Number of Transformers In Service (g)	Number of Spare Transformers (h)	CONVERSION APPARATUS AND SPECIAL EQUIPMENT			Line No.
			Type of Equipment (i)	Number of Units (j)	Total Capacity (In MVA) (k)	
13	2	1				1
167	2	2				2
40	2					3
170	2					4
67	2					5
500	1					6
224	2					7
12	1	1				8
150	1					9
		1				10
125	1					11
		2				12
232	3	8				13
13	1					14
500	1	1				15
125	1					16
500	1					17
250	2	1				18
		1				19
		2				20
150	3					21
83	3					22
1060	2					23
300	2					24
75	2	1				25
		3				26
						27
						28
						29
						30
						31
						32
						33
						34
						35
						36
						37
						38
						39
						40

EXHIBIT H

All jurisdictional facilities and securities associated with or affected by the transaction.

The Proposed Transaction is the indirect transfer of control of MidAmerican Energy Company (“MidAmerican”) to Berkshire Hathaway, Inc. Part II.F of the Application describes the Proposed Transaction and identifies the securities that will be affected by the Proposed Transaction. Parts II.A–II.D of the Application, as well as Exhibits D and G, provide information on the jurisdictional facilities owned, operated or controlled by MidAmerican and PacifiCorp. Attached to Exhibit G are relevant pages from MidAmerican’s and PacifiCorp’s most recent FERC Form No. 1 identifying jurisdictional facilities. In addition to the facilities identified in the FERC Form No. 1 excerpts, MidAmerican and PacifiCorp have agreements for the provision of wholesale power and transmission service, rate schedules on file with the Federal Energy Regulatory Commission, and related accounts, books and records.

EXHIBIT I

All contracts related to the Proposed Transaction together with copies of all other written instruments entered into or proposed to be entered into by the parties to the transaction.

Attached is a copy of the Amended and Restated Articles of Incorporation of
MidAmerican Energy Holdings Company.

1.01.01 - Amended Restated Articles 030602.txt

AMENDED AND RESTATED ARTICLES OF INCORPORATION
OF
MIDAMERICAN ENERGY HOLDINGS COMPANY

TO THE SECRETARY OF STATE
OF THE STATE OF IOWA:

Pursuant to the provisions of Division X of the Iowa Business Corporation Act (the "Act"), the undersigned corporation hereby adopts the following Amended and Restated Articles of Incorporation ("Articles of Incorporation"). Certain capitalized terms used herein are defined in Article X hereof.

ARTICLE I.

The name of the corporation is "MidAmerican Energy Holdings Company" (hereinafter sometimes called the "Corporation") and its registered office shall be located at 666 Grand Avenue, Des Moines, Iowa 50309 with the right to establish and maintain branch offices at such other points within and without the State of Iowa as the Board of Directors of the Corporation (the "Board of Directors") may, from time to time, determine. The name of the Corporation's registered agent at such registered office is Peg Roy.

ARTICLE II.

The nature of the business or purposes to be conducted or promoted is to engage in any or all lawful act or activity for which a corporation may be incorporated under the Act.

ARTICLE III.

A. The aggregate number of shares which the Corporation shall have authority to issue is 60,000,000 shares of Common Stock, no par value ("Common Stock"), and 50,000,000 shares of Preferred Stock, no par value ("Preferred Stock").

B. The shares of authorized Common Stock shall be identical in all respects and shall have equal rights and privileges. For all purposes, each registered holder of Common Stock shall, at each meeting of shareholders, be entitled to one vote for each share of Common Stock held, either in person or by proxy duly authorized in writing. Except to the extent required by law or as permitted by these Articles of Incorporation, as amended from time to time, the registered holders of the shares of Common Stock shall have exclusive voting rights.

C. The Board of Directors, at any time or from time to time, may, and is hereby authorized to, issue and dispose of any of the authorized and unissued shares of Common Stock and any issued but not outstanding shares for such kind and amount of consideration and to such persons, firms or corporations, as may be determined by the Board of Directors, subject to any provisions of law then applicable. The holders of Common Stock shall have no preemptive rights to acquire or subscribe to any shares, or securities convertible into shares, of Common Stock.

D. A first series of the Preferred Stock has been created pursuant to Article IV hereof. The Board of Directors, at any time or from time to time may, and is hereby authorized to, further divide the authorized and unissued shares of Preferred Stock into one or more classes or series and in connection with the creation of any class or series to determine, in whole or in part, to the full extent now or hereafter permitted by law, by adopting one or more articles of amendment to the Articles of Incorporation providing for the creation thereof, the designation, preferences, limitations and relative rights of such class or series, which may provide for special, conditional or limited voting rights, or no rights to vote at all, and to issue and dispose of any of such shares and any

1.01.01 - Amended Restated Articles 030602.txt

issued but not outstanding shares for such kind and amount of consideration and to such persons, firms or corporations, as may be determined by the Board of Directors, subject to any provisions of law then applicable.

E. The Board of Directors, at any time or from time to time may, and is hereby authorized to, create and issue, whether or not in connection with the issue and sale of any shares of its Common Stock, Preferred Stock or other securities of the Corporation, warrants, rights and/or options entitling the holders thereof to purchase from the Corporation any shares of its Common Stock, Preferred Stock or other securities of the Corporation. Such warrants, rights, or options shall be evidenced by such instrument or instruments as shall be approved by the Board of Directors. The terms upon which, the time or times (which may be limited or unlimited in duration) at or within which, and the price or prices (which shall be not less than the minimum amount prescribed by law, if any) at which any such shares or other securities may be purchased from the Corporation upon the exercise of any such warrant, right or option shall be fixed and stated in the resolution or resolutions of the Board of Directors providing for the creation and issue of such warrants, rights or options. The Board of Directors is hereby authorized to create and issue any such warrants, rights or options from time to time for such consideration, if any, and to such persons, firms or corporations, as the Board of Directors may determine.

F. The Corporation may authorize the issue of some or all of the shares of any or all of the classes of its capital stock without certificates.

G. The Corporation shall not be required to issue certificates representing any fraction or fractions of a share of stock of any class but may issue in lieu thereof one or more non-dividend bearing and non-voting scrip certificates in such form or forms as shall be approved by the Board of Directors, each scrip certificate representing a fractional interest in one share of stock of any class. Such scrip certificates upon presentation together with similar scrip certificates representing in the aggregate an interest in one or more full shares of stock of any class shall entitle the holders thereof to receive one or more full shares of stock of such class. Such scrip certificates may contain such terms and conditions as shall be fixed by the Board of Directors and may become void and of no effect after a period to be determined by the Board of Directors and to be specified in such scrip certificates.

H. The Corporation shall be entitled to treat the person in whose name any share of Common Stock or Preferred Stock is registered as the owner thereof for all purposes and shall not be bound to recognize any equitable or other claim to, or interest in, such share on the part of any person, whether or not the Corporation shall have notice thereof except as may be expressly provided otherwise by the laws of the State of Iowa.

ARTICLE IV.

A. Creation, Designation and Amount of First Series of Preferred Stock. A first series of the Preferred Stock is created as follows: The shares of such series (the "Preferred Shares") shall be designated as "Zero Coupon Convertible Preferred Stock," and the number of shares constituting such Preferred Stock shall be 47,000,000.

B. Dividends and Distributions. In case the Corporation shall at any time or from time to time declare, order, pay or make a dividend or other distribution (including, without limitation, any distribution of stock or other securities or property or rights or warrants to subscribe for securities of the Corporation or any of its subsidiaries by way of a dividend, distribution or spin-off) on its Common Stock, other than (i) a distribution made in compliance with the provisions of Section F of this Article IV or (ii) a dividend or distribution made in Common Stock, the holders of the Preferred Shares shall be entitled (unless such right shall be waived by the affirmative vote or consent of the holders of at least two-thirds of the number of the then outstanding Preferred

Shares) to receive from the Corporation with respect to each Preferred Share held, any dividend or distribution that would be received by a holder of the number of shares (including fractional shares) of Common Stock into which such Preferred Share is convertible on the record date for such dividend or distribution, with fractional shares of Common Stock deemed to be entitled to the corresponding fraction of any dividend or distribution that would be received by a whole share. Any such dividend or distribution shall be declared, ordered, paid or made at the same time such dividend or distribution is declared, ordered, paid or made on the Common Stock.

C. Conversion Rights. Each Preferred Share is convertible at the option of the holder thereof into one Conversion Unit at any time upon the occurrence of a Conversion Event. A Conversion Unit will initially be one share of Common Stock of the Corporation adjusted as follows:

- (i) Stock splits, Combinations, Reclassifications, etc. In case the Corporation shall at any time or from time to time declare a dividend or make a distribution on the outstanding shares of Common Stock payable in Common Stock or subdivide or reclassify the outstanding shares of Common Stock into a greater number of shares or combine or reclassify the outstanding shares of Common Stock into a smaller number of shares of Common Stock, then, and in each such event, the number of shares of Common Stock into which each Preferred Share is convertible shall be adjusted so that the holder thereof shall be entitled to receive, upon conversion thereof, the number of shares of Common Stock which such holder would have been entitled to receive after the happening of any of the events described above had such share been converted immediately prior to the happening of such event or the record date therefor, whichever is the earlier. Any adjustment made pursuant to this clause (i) shall become effective (I) in the case of any such dividend or distribution on the record date for the determination of holders of shares of Common Stock entitled to receive such dividend or distribution, or (II) in the case of any such subdivision, reclassification or combination, on the day upon which such corporate action becomes effective.
- (ii) Issuances of Additional Shares Below Fair Value Price. In case the Corporation shall issue shares of Common Stock (or rights or warrants or other securities exercisable or convertible into or exchangeable (collectively, a "conversion") for shares of Common Stock) (collectively, "convertible securities") (other than in Permitted Transactions) at a price per share (or having a conversion price per share) less than the Fair Value Price as of the date of issuance of such shares (or of such convertible securities), then, and in each such event, the number of shares of Common Stock into which each Preferred Share is convertible shall be adjusted so that the holder thereof shall be entitled to receive, upon conversion thereof, the number of shares of Common Stock determined by multiplying the number of shares of Common Stock into which such share was convertible immediately prior to such date of issuance by a fraction, (I) the numerator of which is the sum of (1) the number of shares of Common Stock outstanding on such date and (2) the number of additional shares of Common Stock issued (or into which the convertible securities may convert), and (II) the denominator of which is the sum of (1) the number of shares of Common Stock outstanding on such date and (2) the number of shares of Common Stock which the aggregate consideration receivable (including any amounts payable upon conversion of convertible securities) by the Corporation for the total number of additional shares of Common Stock so issued (or into which the convertible securities may convert) would purchase at the Fair Value Price on such date. For purposes of the foregoing, "Permitted Transactions" shall include issuances (i) as consideration for the acquisition of businesses and/or related assets, and (ii) in connection with employee benefit plans and any other transaction approved by the Board of Directors (including the approval of the directors elected by the holders of the Preferred Shares), and "Fair Value Price"

1.01.01 - Amended Restated Articles 030602.txt

shall mean the average of the closing prices on the principal stock exchange or over-the-counter quotation system on which the Common Stock is then listed or quoted, or if not then listed or quoted, the fair value of the Corporation's Common Stock as determined in good faith by the Board of Directors. Although Permitted Transactions do not require adjustment of a Conversion Unit, the issuance of equity and equity-linked securities in a Permitted Transaction remains subject to the vote of the Preferred Shares as provided in Section D of this Article IV. Any adjustment made pursuant to this clause (ii) shall become effective immediately upon the date of such issuance.

(iii) Mergers, Consolidations, Sales of Assets, etc. In case the Corporation shall be a party to any transaction (including a merger, consolidation, sale of all or substantially all of the Corporation's assets, liquidation or recapitalization of the Corporation, but excluding any transaction described in clause (i) or (ii) above) in which the previously outstanding Common Stock shall be changed into or, pursuant to the operation of law or the terms of the transaction to which the Corporation is a party, exchanged for different securities of the Corporation or common stock or other securities or interests in another Person or other property (including cash) or any combination of the foregoing, then, as a condition of the consummation of such transaction, lawful and adequate provision shall be made so that each holder of Preferred Shares shall be entitled, upon conversion, to an amount per share equal to (A) the aggregate amount of stock, securities, cash and/or any other property (payable in kind), as the case may be, into which or for which each share of Common Stock is changed or exchanged times (B) the number of shares of Common Stock into which such share was convertible immediately prior to the consummation of such transaction. Any adjustment made pursuant to this clause (iii) shall become effective immediately upon the consummation of such transaction.

In calculating the adjustments provided in clauses (i), (ii) and (iii) above, a Conversion Unit shall include any fractional share resulting from the calculation.

A "Conversion Event" includes (i) any conversion of Preferred Shares that would not cause the holder of the shares of Common Stock issued upon conversion (or any affiliate of such holder) or the Corporation to become subject to regulation as a registered holding company, or as a subsidiary of a registered holding company, under the Public Utility Holding Company Act of 1935, as amended from time to time and any successor legislation ("PUHCA") either as a result of the repeal or amendment of PUHCA, the number of shares involved or the identity of the holder of such shares and (ii) a Company Sale. A "Company Sale" includes any involuntary or voluntary liquidation, dissolution, recapitalization, winding-up or termination of the Corporation and any merger, consolidation or sale of all or substantially all of the assets of the Corporation.

The holder of any Preferred Shares may exercise such holder's right to convert each such share into a Conversion Unit by surrendering for such purpose to the Corporation, at its principal office or at such other office or agency maintained by the Corporation for that purpose, a certificate or certificates representing the Preferred Shares to be converted accompanied by a written notice stating that such holder elects to convert all or a specified whole number of such shares in accordance with the provisions of this Section C of this Article IV and specifying the name or names in which such holder wishes the certificate or certificates for securities included in the Conversion Unit or Units to be issued. In case such notice shall specify a name or names other than that of such holder, such notice shall be accompanied by payment of all transfer taxes payable upon the issuance of securities included in the Conversion Unit or Units in such name or names. Other than such taxes, the Corporation will pay any and all issue and other taxes (other than taxes based on income) that may be payable in respect of any issue or delivery of the

1.01.01 - Amended Restated Articles 030602.txt

securities and other property then included in a Conversion Unit or Units upon conversion of Preferred Shares pursuant hereto. As promptly as practicable, and in any event within three Business Days after the surrender of such certificate or certificates and the receipt of such notice relating thereto and, if applicable, payment of all transfer taxes (or the demonstration to the satisfaction of the Corporation that such taxes have been paid), the Corporation shall deliver or cause to be delivered (i) certificates representing the number of validly issued, fully paid and nonassessable shares of Common Stock (or other securities included in the Conversion Unit or Units) to which the holder of Preferred Shares so converted shall be entitled and (ii) if less than the full number of Preferred Shares evidenced by the surrendered certificate or certificates are being converted, a new certificate or certificates, of like tenor, for the number of shares evidenced by such surrendered certificate or certificates less the number of shares converted. Such conversion shall be deemed to have been made at the close of business on the date of giving of such notice and such surrender of the certificate or certificates representing the Preferred Shares to be converted so that the rights of the holder thereof as to the shares being converted shall cease except for the right to receive the securities and other property included in the Conversion Unit or Units in accordance herewith, and the Person entitled to receive the securities and other property included in the Conversion Unit or Units shall be treated for all purposes as having become the record holder of such securities and other property included in the Conversion Unit or Units at such time. No holder of Preferred Shares shall be prevented from converting Preferred Shares, and any conversion of Preferred Shares in accordance with the terms of this Section C of this Article IV shall be effective upon surrender, whether or not the transfer books of the Corporation for the Common Stock are closed for any purpose.

The Corporation shall at all times reserve and keep available out of its authorized and unissued Common Stock, solely for the purpose of effecting the conversion of the Preferred Shares, such number of shares of Common Stock as shall from time to time be sufficient to effect the conversion of all then outstanding Preferred Shares. The Corporation shall from time to time, subject to and in accordance with the Act, increase the authorized amount of Common Stock if at any time the number of authorized shares of Common Stock remaining unissued shall not be sufficient to permit the conversion at such time of all then outstanding Preferred Shares.

Whenever the number of shares of Common Stock and other property comprising a Conversion Unit into which each Preferred Share is convertible is adjusted as provided in this Section C of this Article IV, the Corporation shall promptly mail to the holders of record of the outstanding Preferred Shares at their respective addresses as the same shall appear in the Corporation's stock records a notice stating that the number of shares of Common Stock and other property comprising a Conversion Unit into which each Preferred Share is convertible has been adjusted and setting forth the new number of shares of Common Stock (or describing the new stock, securities, cash or other property) into which each Preferred Share is convertible, as a result of such adjustment, a brief statement of the facts requiring such adjustment and the computation thereof, and when such adjustment became effective.

D. Voting Rights. The holders of the Preferred Shares shall have the following voting rights:

- (i) The holders of the then-outstanding Preferred Shares shall be entitled to elect, as a class, two (out of a total of ten) directors to the Board of Directors and to elect the replacement for any director elected by them who for any reason ceases to serve as a director. In addition, without first obtaining the consent or approval of the holders of a majority of the then-outstanding Preferred Shares, voting as a separate class, the Corporation will not (a) effect any Fundamental Transaction or (b) amend the provisions of the Articles of Incorporation of the Corporation in any

1.01.01 - Amended Restated Articles 030602.txt

manner which would alter or change the powers, preferences or special rights of the Preferred Shares or that would otherwise adversely affect the rights of the holders of the Preferred Shares. A "Fundamental Transaction" includes the following (in each case referring to a single transaction or series of related transactions): (i) the sale, lease, exchange, mortgage or other disposition (including any spin-off or split-up) of any business or assets having a fair market value of 25% or more of the fair market value of the business or assets of the Corporation and its subsidiaries taken as a whole, the merger or consolidation of the Corporation with any other Person, a liquidation, dissolution or winding-up of the Corporation or any recapitalization or reclassification of the securities of the Corporation; (ii) the acquisition of any business or assets (by way of merger, acquisition of stock or assets or otherwise) or the making of capital expenditures not included in the applicable annual budget approved by the Board of Directors, in each case for a consideration or involving expenditures in excess of \$50,000,000; (iii) the issuance, grant or sale, or the repurchase, of any equity securities (or any equity-linked securities or obligations) of the Corporation (or securities convertible into or exchangeable or exercisable for any such equity securities); (iv) transactions with officers, directors, stockholders and affiliates of the Corporation except (x) to the extent effectuated on terms no less favorable to the Corporation than those obtainable in an arms' length transaction with an unaffiliated Person or (y) in the case of cash compensation arrangements, which are approved by the Board of Directors (without regard to the directors elected by the holders of the Preferred Shares); (v) the removal as chief executive officer of the Corporation of the person occupying that position on the date of original issuance of the Preferred Shares (the "Initial CEO"); and (vi) the appointment or removal of any person as chief executive officer of the Corporation after the removal, resignation, death or disability of the Initial CEO (the consent of the holders of the Preferred Shares as to the matters set forth in this clause (vi) not to be unreasonably withheld).

(ii) Except as set forth herein, or as otherwise provided by law, holders of the Preferred Shares shall have no voting rights.

E. **Reacquired Shares.** Any Preferred Shares converted, purchased or otherwise acquired by the Corporation in any manner whatsoever shall be retired and canceled promptly after the acquisition thereof. All such shares shall upon their cancellation become authorized but unissued shares of Preferred Stock and may be reissued as part of a new series of Preferred Stock subject to the conditions and restrictions on issuance set forth herein, in the Articles of Incorporation, or in any Articles of Amendment creating a series of Preferred Stock or any similar stock or as otherwise required by law.

F. **Liquidation, Dissolution or winding Up.** Upon any involuntary or voluntary liquidation, dissolution, recapitalization, winding-up or termination of the Corporation, the assets of the Corporation available for distribution to the holders of the Corporation's capital stock shall be distributed in the following priority, with no distribution pursuant to the second priority until the first priority has been fully satisfied and no distribution pursuant to the third priority until the first and second priorities have both been fully satisfied, First, to the holders of the Preferred Shares, for each Preferred Share, a liquidation preference of \$1.00 per share, Second, to the holders of Common Stock, ratably, an amount equal to (i) \$1.00 divided by the number of shares of Common Stock then comprising a Conversion Unit, multiplied by (ii) the number of shares of Common Stock then outstanding, and Third, to the holders of the Preferred Shares and the Common Stock (ratably, on the basis of the number of shares of Common Stock then outstanding and, in the case of the Preferred Shares, the number of shares of Common Stock then comprising a Conversion Unit multiplied by the total number of Preferred Shares outstanding), all remaining assets of the Corporation available for distribution to the holders of the Corporation's capital stock.

1.01.01 - Amended Restated Articles 030602.txt

Neither the consolidation, merger or other business combination of the Corporation with or into any other Person or Persons nor the sale, lease, exchange or conveyance of all or any part of the property, assets or business of the Corporation to a Person or Persons, shall be deemed to be a liquidation, dissolution or winding up of the Corporation for purposes of this Section F of this Article IV.

G. Redemption. The Preferred Shares are not subject to redemption at the option of the Corporation nor subject to any sinking fund or other mandatory right of redemption accruing to the holders thereof.

ARTICLE V.

The term of corporate existence of the Corporation shall be perpetual.

ARTICLE VI.

A. No Person shall own shares of Common Stock equal to or in excess of the Ownership Limit. If there is a purported Transfer or other event caused by any Person or the Corporation such that a Preferred Eligible Shareholder would own shares of Common Stock equal to or in excess of the Ownership Limit, then, that number of shares of Common Stock owned by such Preferred Eligible Shareholder by which the shares of Common Stock owned by such Preferred Eligible Shareholder would be equal to or in excess of the Ownership Limit as a result of the Transfer shall automatically be converted into that same number of shares of Zero Coupon Convertible Preferred Stock. Such conversion shall be effective on the books of the Corporation as of the close of business on the business day prior to the date of the Transfer or other event.

B. If the Board of Directors shall at any time determine in good faith that a Transfer or other event has taken place in violation of this Article VI, the Board of Directors may take such action as it deems advisable to refuse to give effect to or to prevent such Transfer or other event, including, but not limited to, refusing to give effect to such Transfer or other event on the books of the Corporation or instituting proceedings to enjoin such Transfer or other event or transaction; provided, however, that any Transfers or attempted Transfers (or, in the case of events other than a Transfer, ownership) in violation of this Article VI shall be void ab initio in the case of Transfers that would cause ownership of shares of Common Stock equal to or in excess of the Ownership Limit by any Person other than a Preferred Eligible Shareholder, and in the case of ownership or Transfers that would cause ownership of shares of Common Stock equal to or in excess of the Ownership Limit by a Preferred Eligible Shareholder shall automatically result in the conversion described in Section A of this Article VI, irrespective of any action (or non-action) by the Board of Directors.

ARTICLE VII.

The private property of the shareholders of the Corporation shall be exempt from all corporate debts.

ARTICLE VIII.

A. A director of the Corporation shall not be personally liable to the Corporation or its shareholders for monetary damages for breach of fiduciary duty as a director, except for liability:

- (i) for any breach of the director's duty of loyalty to the Corporation or its shareholders; or
- (ii) for acts or omissions not in good faith or which involve intentional

1.01.01 - Amended Restated Articles 030602.txt
misconduct or a knowing violation of law; or

(iii) for any transaction from which the director derives an improper personal benefit; or

(iv) under Section 490.833, or a successor provision, of the Act.

B. If, after the date these Articles of Incorporation are filed with the Iowa Secretary of State, the Act is amended to authorize corporate action further eliminating or limiting the personal liability of directors, then the liability of a director of the Corporation shall be deemed eliminated or limited to the fullest extent permitted by the Act, as so amended. Any repeal or modification of Section A or this Section B of this Article VIII by the shareholders of the Corporation shall be prospective only and shall not adversely affect any right or protection of a director of the Corporation existing at the time of such repeal or modification.

ARTICLE IX.

A. Each person who was or is a party or is threatened to be made a party to or is involved in any action, suit or proceeding, whether civil, criminal, administrative, investigative or arbitration and whether formal or informal ("proceeding"), by reason of the fact that he or she, or a person of whom he or she is the legal representative, is or was a director, officer or employee, of the Corporation or is or was serving at the request of the Corporation as a director, officer or employee of another corporation or of a partnership, joint venture, trust or other enterprise, including service with respect to employee benefit plans, whether the basis of such proceeding is alleged action in an official capacity while serving as a director, officer or employee or in any other capacity while serving as a director, officer or employee, shall be indemnified and held harmless by the Corporation to the fullest extent authorized by the Act, as the same exists or may hereafter be amended (but, in the case of any such amendment, only to the extent that such amendment permits the Corporation to provide broader indemnification rights than the Act permitted the Corporation to provide prior to such amendment), against all reasonable expenses, liability and loss (including without limitation attorneys' fees, all costs, judgments, fines, Employee Retirement Income Security Act excise taxes or penalties and amounts paid or to be paid in settlement) reasonably incurred or suffered by such person in connection therewith. Such right shall be a contract right and shall include the right to be paid by the Corporation expenses incurred in defending any such proceeding in advance of its final disposition; provided, however, that the payment of such expenses incurred by a director, officer or employee in his or her capacity as a director, officer or employee (and not in any other capacity in which service was or is rendered by such person while a director, officer or employee including, without limitation, service to an employee benefit plan) in advance of the final disposition of such proceeding, shall be made only upon delivery to the Corporation of (i) a written undertaking, by or on behalf of such director, officer or employee, to repay all amounts so advanced if it should be determined ultimately that such director, officer or employee is not entitled to be indemnified under this Article IX or otherwise, or (ii) a written affirmation by or on behalf of such director, officer or employee that, in such person's good faith belief, such person has met the standards of conduct set forth in the Act.

B. If a claim under Section A is not paid in full by the Corporation within 30 days after a written claim has been received by the Corporation, the claimant may at any time thereafter bring suit against the Corporation to recover the unpaid amount of the claim and, if successful in whole or in part, the claimant shall be entitled to be paid also the expenses of prosecuting such claim. It shall be a defense to any such action that the claimant has not met the standards of conduct which make it permissible under the Act for the Corporation to indemnify the claimant for the amount claimed, but the burden of proving such defense shall be on the Corporation. The failure of the Corporation (including

1.01.01 - Amended Restated Articles 030602.txt

its Board of Directors, independent legal counsel or its shareholders) to have made a determination prior to the commencement of such action that indemnification of the claimant is proper in the circumstances because he or she has met the applicable standard of conduct set forth in the Act, shall not be a defense to the action or create a presumption that the claimant had not met the applicable standard of conduct.

C. Indemnification provided hereunder shall, in the case of the death of the person entitled to indemnification, inure to the benefit of such person's heirs, executors or other lawful representatives. The invalidity or unenforceability of any provision of this Article IX shall not affect the validity or enforceability of any other provision of this Article IX.

D. Any action taken or omitted to be taken by any director, officer or employee in good faith and in compliance with or pursuant to any order, determination, approval or permission made or given by a commission, board, official or other agency of the United States or of any state or other governmental authority with respect to the property or affairs of the Corporation or any such business corporation, not-for-profit corporation, joint venture, trade association or other entity over which such commission, board, official or agency has jurisdiction or authority or purports to have jurisdiction or authority shall be presumed to be in compliance with the standard of conduct set forth in Section 490.851 (or any successor provision) of the Act whether or not it may thereafter be determined that such order, determination, approval or permission was unauthorized, erroneous, unlawful or otherwise improper.

E. Unless finally determined, the termination of any litigation, whether by judgment, settlement, conviction or upon a plea of nolo contendere, or its equivalent, shall not create a presumption that the action taken or omitted to be taken by the person seeking indemnification did not comply with the standard of conduct set forth in Section 490.851 (or any successor provision) of the Act.

F. The rights conferred on any person by this Article IX shall not be exclusive of any other right which any person may have or hereafter acquire under any statute, provision of the Articles of Incorporation, Bylaws, agreement, vote of shareholders or disinterested directors or otherwise.

G. The Corporation may maintain insurance, at its expense, to protect itself and any such director, officer, employee or agent of the Corporation or another corporation, partnership, joint venture, trust or other enterprise against any such expense, liability or loss, whether or not the Corporation would have the power to indemnify such person against such expense, liability or loss under the Act.

ARTICLE X.

A. As used in these Articles of Incorporation, the following terms shall have the following meanings:

- (i) "Affiliate" shall mean any Person or entity, directly or indirectly, controlling, controlled by or under common control with such Person or entity;
- (ii) "Business Day" shall mean any day other than a Saturday, Sunday, or a day on which banking institutions in the State of New York or the State of Iowa are authorized or obligated by law or executive order to close;
- (iii) "Ownership Limit" shall mean with respect to any Person, ownership of 10% of the issued and outstanding Common Stock if such ownership would cause such Person to become subject to regulation as a registered holding company under PUHCA or the Corporation or any of its subsidiaries to become subject to regulation as a subsidiary of a registered holding company under PUHCA;

1.01.01 - Amended Restated Articles 030602.txt

- (iv) "Person" shall mean any person or entity of any nature whatsoever, specifically including an individual, a firm, a company, a corporation, a partnership, a trust or other entity;
- (v) "Preferred Eligible Shareholder" shall mean a holder of Preferred Shares or its Affiliates; and
- (vi) "Transfer" shall mean any sale, assignment, pledge, hypothecation, other disposition or encumbrance, whether or not for consideration.

ARTICLE XI.

These Articles of Incorporation may be amended, repealed, changed or modified at any annual meeting of shareholders of the Corporation or at a special meeting being called for that purpose or by written consent, in compliance with the applicable statutes of the State of Iowa.

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EXHIBIT J

A statement explaining the facts relied upon to demonstrate that the Proposed Transaction is consistent with the public interest.

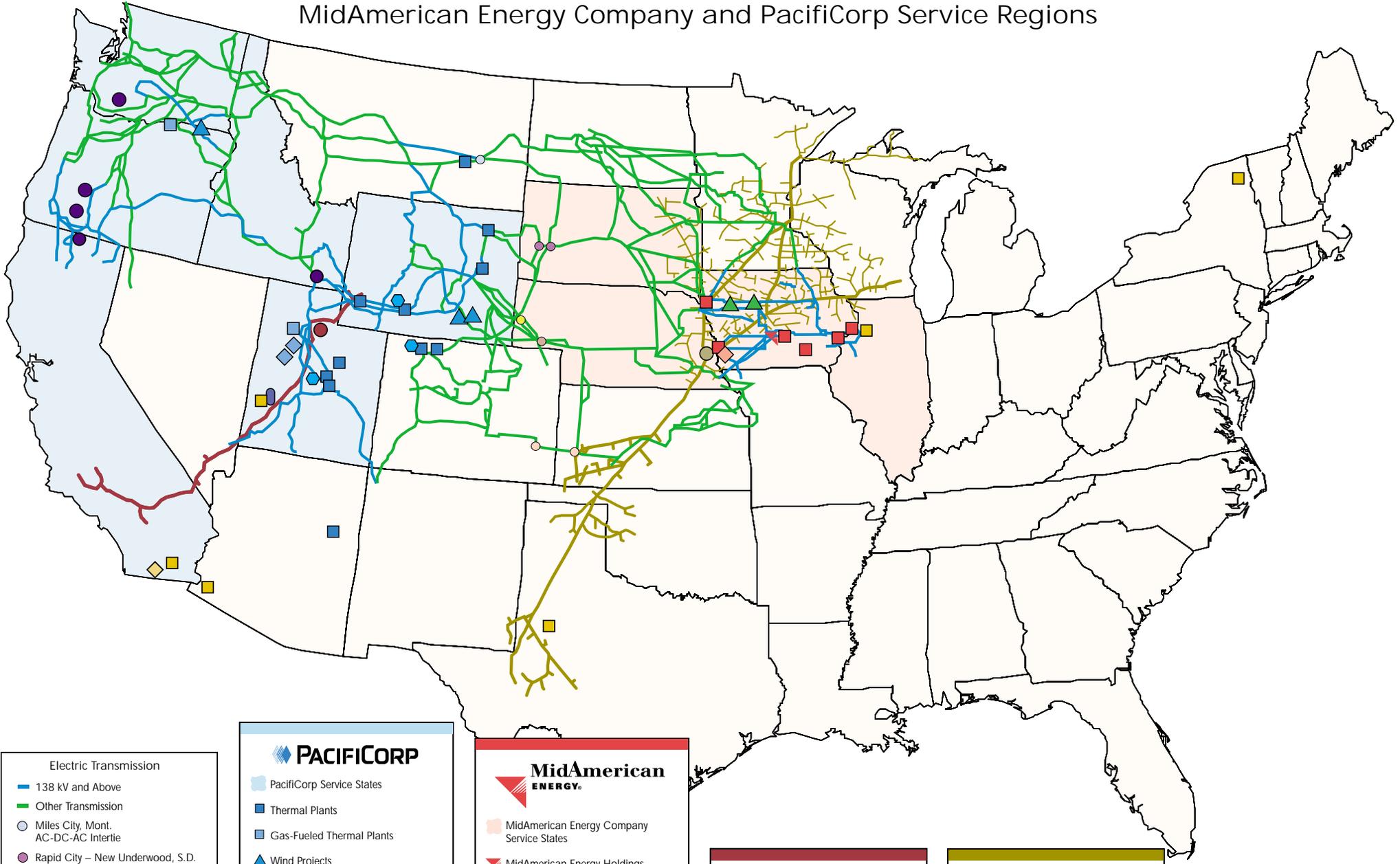
The statement explaining the facts relied upon to demonstrate that the Proposed Transaction is in the public interest is set forth in Part III of the Application.

EXHIBIT K

If the Proposed Transaction involves physical property of any party, the applicant must provide a general or key map showing the properties of each party to the transaction.

Attached is a map depicting the relevant facilities of MidAmerican and PacifiCorp.

MidAmerican Energy Company and PacifiCorp Service Regions



Electric Transmission

- 138 kV and Above
- Other Transmission
- Miles City, Mont. AC-DC-AC Intertie
- Rapid City – New Underwood, S.D. AC-DC-AC Intertie
- Stegall, Neb. AC-DC-AC Intertie
- Sidney, Neb. AC-DC-AC Intertie
- Lamar, Colo. – Holcomb, Kan. AC-DC-AC Intertie

PACIFICORP

- PacifiCorp Service States
- Thermal Plants
- Gas-Fueled Thermal Plants
- Wind Projects
- Geothermal Plants
- Coal Mines
- Hydro Systems
- Generation Developments

MidAMERICAN ENERGY

- MidAmerican Energy Company Service States
- MidAmerican Energy Holdings Company and MidAmerican Energy Company Headquarters
- Generation Operations
- Generation Developments
- Wind Project Development

Kern River GAS TRANSMISSION COMPANY

- Kern River Gas Transmission Pipeline
- Kern River Headquarters

Northern Natural Gas

- Northern Natural Gas Pipeline
- Northern Natural Gas Headquarters

CALENERGY

- Generation Operations
- Generation Developments

EXHIBIT L

If the applicant is required to obtain licenses, orders, or other approvals from other regulatory bodies in connection with the Proposed Transaction, the applicant must identify the regulatory bodies and indicate the regulatory status of other regulatory actions, and provide a copy of each order of those regulatory bodies that relates to the Proposed Transaction.

In addition to this Application, Applicants are required to file an application with the Nuclear Regulatory Commission and the Federal Communications Commission. Also, Applicants will file the required information with the U.S. Department of Justice and Federal Trade Commission and wait the specified period of time before closing the Proposed Transaction pursuant to the Hart-Scott-Rodino Antitrust Improvement Act.

Moreover, Applicants will file for approval of the Proposed Transaction with the Iowa Utilities Board and the Illinois Commerce Commission. If the closing of the Proposed Transaction occurs after PacifiCorp becomes a subsidiary of MEHC, approval of the Proposed Transaction will also be needed from the Wyoming Public Service Commission, and the California Public Utilities Commission.

Applicants will file in this proceeding copies of each order of the regulatory bodies where approval is required as they are issued, consistent with the requirements of Section 33.3(i) of the Commission's regulations.

CERTIFICATE OF SERVICE

I hereby certify that I have caused or will cause a copy of the foregoing application to be served via next business day mail, to be received on August 1, 2005, on the transmission customers of MidAmerican Energy Company and PacifiCorp, on the state public utility commissions that regulate MidAmerican Energy Company and PacifiCorp, and on the wholesale power requirements customers of MidAmerican Energy Company and PacifiCorp.

Dated at Washington D.C., this 29th day of July, 2005.

Brett A. Snyder
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