

FORM U5S

ANNUAL REPORT

For the year ended December 31, 2001

Filed pursuant to the Public Utility Holding Company Act of 1935 by

Great Plains Energy Incorporated
(Name of registered holding company)

1201 Walnut
Kansas City, Missouri 64106
(Address of principle executive offices)

Name, Title and Address of Officer to Whom Notices
and Correspondence Concerning This Statement
Should be Addressed:

Andrea F. Bielsker
Vice President - Finance, Chief Financial Officer and Treasurer
Great Plains Energy Incorporated
1201 Walnut
Kansas City, Missouri 64106

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Unless otherwise noted, the information contained in this Annual Report is for the reporting period October 1, 2001 (the registration date of Great Plains Energy Incorporated) to December 31, 2001.

ITEM 1. SYSTEM COMPANIES AND INVESTMENTS THEREIN AS OF DECEMBER 31, 2001

Name of Company	Number of Common Shares Owned	% of Voting Power	Issuer Book Value (000's)	Owner's Book Value (000's)
Great Plains Energy Incorporated Investment in unsecured debt	n/a	n/a	\$ 83,341	\$ 83,341
Great Plains Power Incorporated	1	100%	\$ 677	\$ 677
Kansas City Power & Light Company Investment in unsecured debt	1 n/a	100% n/a	\$ 744,383 \$ 32,564	\$ 744,383 \$ 32,564
Kansas City Power & Light Receivables Company	1,000	100%	\$ 856	\$ 856
Wolf Creek Nuclear Operating Corporation (Note 1)	47	47%	\$ 0.1	\$ 0.047
Home Service Solutions Inc. Investment in unsecured debt	46,902,140 n/a	100% n/a	\$ 23,319 \$ 7,023	\$ 23,319 \$ 7,023
Worry Free Service, Inc.	9,500,000	100%	\$ 8,292	\$ 8,292
R.S. Andrews Enterprises, Inc. (Note 2) Investment in unsecured debt	12,037,383 n/a	76% n/a	\$ 12,044 \$ 1,617	\$ (2,761) \$ 1,617
RSA Services Termite & Pest Control, Inc.	100	100%	\$ (521)	\$ (521)
R.S. Andrews Enterprises of Alabama, Inc.	100	100%	\$ (2,082)	\$ (2,082)
R.S. Andrews Enterprises of Charleston, Inc. Investment in unsecured debt	100 n/a	100% n/a	\$ 44 \$ 103	\$ 44 \$ 103
R.S. Andrews Enterprises of Columbus, Inc.	100	100%	\$ (3,831)	\$ (3,831)
R.S. Andrews Enterprises of Dallas, Inc. Investment in unsecured debt	100 n/a	100% n/a	\$ (261) \$ 47	\$ (261) \$ 47
R.S. Andrews Enterprises of Kansas, Inc. Investment in unsecured debt	100 n/a	100% n/a	\$ (1,304) \$ 87	\$ (1,304) \$ 87
R. S. Andrews Enterprises of South Carolina, Inc. Investment in unsecured debt	100 n/a	100% n/a	\$ (517) \$ 53	\$ (517) \$ 53
R.S. Andrews of Chattanooga, Inc. Investment in unsecured debt	100 n/a	100% n/a	\$ (207) \$ 193	\$ (207) \$ 193
R.S. Andrews of Fairfax, Inc.	100	100%	\$ (555)	\$ (555)
R.S. Andrews of Maryland, Inc. Investment in unsecured debt	100 n/a	100% n/a	\$ 832 \$ 1,023	\$ 832 \$ 1,023

Name of Company	Number of Common Shares Owned	% of Voting Power	Issuer Book Value (000's)	Owner's Book Value (000's)
R.S. Andrews Services, Inc.	100	100%	\$ (10,011)	\$ (10,011)
R.S. Andrews of Stuart II, Inc.	100	100%	\$ (2,851)	\$ (2,851)
Investment in unsecured debt	n/a	n/a	\$ 15	\$ 15
R.S. Andrews of Tidewater, Inc.	100	100%	\$ 19	\$ 19
Investment in unsecured debt	n/a	n/a	\$ 153	\$ 153
R.S. Andrews of Wilmington, Inc.	100	100%	\$ (153)	\$ (153)
Investment in unsecured debt	n/a	n/a	\$ 135	\$ 135
R.S. Andrews of Jonesboro, Inc.	100	100%	\$ -	\$ -
R.S. Andrews Enterprises of Virginia, Inc.	100	100%	\$ (2,386)	\$ (2,386)
R.S. Andrews Enterprises of Tennessee, Inc.	100	100%	\$ (2,014)	\$ (2,014)
KLT Inc.	150,000	100%	\$ 113,667	\$ 113,667
Investment in unsecured debt	n/a	n/a	\$ 162,106	\$ 162,106
KLT Investments Inc. (Note 3)	31,500	100%	\$ 71,655	\$ 71,655
KLT Investments II Inc. (Note 3)	9,885	100%	\$ 9,879	\$ 9,879
Investment in unsecured debt	n/a	n/a	\$ 6,742	\$ 6,742
Energetechs, Inc. * (Note 4)	-	n/a	\$ -	\$ -
KLT Energy Services Inc. (Note 3)	21,445	100%	\$ 38,259	\$ 38,259
Investment in secured debt	n/a	n/a	\$ 16,531	\$ 16,531
Investment in unsecured debt	n/a	n/a	\$ 924	\$ 924
Custom Energy Holdings, L.L.C. (Note 5)	(Note 5)	(Note 5)	(Note 5)	(Note 5)
Strategic Energy, L.L.C. (Note 5)	(Note 5)	(Note 5)	\$ 10,164	\$ 8,411
KLT Gas Inc. (Note 3)	61,038	100%	\$ 62,659	\$ 62,659
Investment in unsecured debt	n/a	n/a	\$ 17,918	\$ 17,918
Apache Canyon Gas, L.L.C. (Note 6)	uncertificated	100%	\$ (9,576)	\$ (9,576)
FAR Gas Acquisitions Corporation	755	100%	\$ 12,712	\$ 12,712
Investment in unsecured debt	n/a	n/a	\$ 1,963	\$ 1,963
Forest City, LLC	uncertificated	100%	\$ 462	\$ 462
Forest City Gathering, LLC * (Note 7)	uncertificated	88%	\$ -	\$ -
KLT Gas Operating Company * (Note 3)	1	100%	\$ -	\$ -
Patrick KLT Gas, LLC * (Note 7)	uncertificated	50%	\$ -	\$ -
KLT Telecom Inc. (Note 3)	62,415	100%	\$(137,547)	\$(137,547)
Advanced Measurement Solutions, Inc. *	200	100%	\$ -	\$ -
Copier Solutions, LLC *	uncertificated	100%	\$ -	\$ -
eChannel, Inc. * (Note 8)	n/a	n/a	\$ -	\$ -
Municipal Solutions, L.L.C. *	uncertificated	100%	\$ -	\$ -

Name of Company	Number of Common Shares Owned	% of Voting Power	Issuer Book Value (000's)	Owner's Book Value (000's)
Telemetry Solutions, L.L.C. *	uncertificated	100%	\$ -	\$ -
Globalutilityexchange.com, LLC *	uncertificated	100%	\$ -	\$ -
DTI Holdings, Inc. (Note 9)	20,093,936	84%	\$ -	\$ -
Digital Teleport, Inc.	200	100%	\$ -	\$ -
Digital Teleport Nationwide LLC	uncertificated	100%	\$ -	\$ -
Digital Teleport of Virginia, Inc.	100	100%	\$ -	\$ -

Inactive companies at December 31, 2001 are denoted by an asterisk " * ".

Note 1: Wolf Creek Nuclear Operating Corporation had three classes of shares (A, B and C) outstanding at December 31, 2001, of which, Kansas City Power & Light Company is a class B shareholder. Each shareholder class selects its Director. The A, B and C Directors jointly select the fourth Director by unanimous vote. The class B Director has 47 votes of 101 total director votes.

Note 2: Home Service Solutions Inc. held 12,037,383 shares of common stock, 15,000,000 shares of Series A Preferred Stock, and 11,827,351 shares of Series B Preferred Stock in R.S. Andrews Enterprises, Inc. at December 31, 2001, resulting in an equity ownership of 72%. Home Service Solutions Inc. controls the voting rights of an additional 1,942,865 shares of common stock under Irrevocable Proxy Agreements dated March 12, 2001.

Note 3: Statutory close corporation with no board of directors.

Note 4: No shares issued.

Note 5: Custom Energy Holdings, L.L.C. ("CE") has two wholly-owned subsidiaries; Custom Energy, L.L.C. ("CEL") and Strategic Energy, L.L.C. ("SEL"). The voting and economic interests in these three entities are represented by eight series of interests issued by CE. KLT Energy Services Inc. holds 47.16% of the voting and economic interests attributable to CE alone and is entitled to appoint one out of four CE management committee representatives. CE voting and economic interests have no book value. Each CE management committee representative has one vote. KLT Energy Services Inc. holds 82.75% of the economic and voting interests in SEL, and is entitled to appoint two out of four SEL management committee representatives. KLT Energy Services Inc.'s representatives to the SEL management committee have 82.75% of the management committee vote. Only the book value of KLT Energy Services' interests in SEL is shown in the "Owner's Book Value" column. KLT Energy Services Inc. also held during the reporting period approximately 11% of the preferred economic and voting interests in CEL, which do not carry voting power except (i) on certain fundamental organizational matters and (ii) in the event certain payments respecting the preferred economic interests are not made. In the event of the latter occurrence in the reporting period, KLT Energy Services would have had less than 10% of the voting rights on the CEL management committee. CEL is considered to not be a subsidiary for purposes of the Act. KLT Energy Service's interests in CEL are listed in ITEM 5.

Note 6: Member-managed company.

Note 7: Manager-managed company; manager cannot be replaced except under certain circumstances.

Note 8: KLT Telecom Inc. held 300,000 shares (57%) Series A convertible preferred and 167,667 (100%) Series B convertible preferred in eChannel, Inc. at December 31, 2001. No other information is available to KLT Telecom Inc.

Note 9: Under a Shareholders Agreement dated as of February 6, 2001, KLT Telecom Inc. may appoint all but one of the directors; the other shareholder has the right to appoint one director.

Non-corporate subsidiaries at December 31, 2001:

Name of subsidiary	Form of organization	Equity investment
Custom Energy Holdings, L.L.C.	Limited Liability Company	Reported above
Strategic Energy, L.L.C.	Limited Liability Company	Reported above
Apache Canyon Gas, L.L.C.	Limited Liability Company	Reported above
Forest City, LLC	Limited Liability Company	Reported above
Forest City Gathering, LLC	Limited Liability Company	Reported above
Patrick KLT Gas, LLC	Limited Liability Company	Reported above
Copier Solutions, LLC	Limited Liability Company	Reported above
Municipal Solutions, L.L.C.	Limited Liability Company	Reported above
Telemetry Solutions, L.L.C.	Limited Liability Company	Reported above
Globalutilityexchange.com, LLC	Limited Liability Company	Reported above
Digital Teleport Nationwide LLC	Limited Liability Company	Reported above

Subsidiaries added during the reporting period from October 1, 2001 to December 31, 2001:

Digital Teleport Nationwide, LLC was formed on October 31, 2001, as a Missouri limited liability company. It is an exempt telecommunications company under Section 34 of the Act.

Changes in the status of existing subsidiaries during the reporting period from October 1, 2001 to December 31, 2001:

R.S. Andrews Enterprises, Inc.

R.S. Andrews of DeSoto, Inc., R.S. Andrews of Grand Prairie, Inc., R.S. Andrews of Grapevine, Inc., R.S. Andrews Home Warranty of Florida, Inc., R.S. Andrews Home Warranty of Texas, Inc., R.S. Andrews of Orlando, Inc., Premier Service Systems, Inc., RSA Services of Florida, Inc., R.S. Andrews of Sacramento, Inc., R.S. Andrews Showcase of Atlanta, Inc., R.S. Andrews of Stuart I, Inc., R.S. Andrews of Topeka, Inc. and R.S. Andrews of Vero Beach, Inc., were dissolved as of December 27, 2001. R.S. Andrews of Palm Beach, Inc. and R.S. Andrews of Florida were merged into R.S. Andrews of Stuart II, Inc. as of December 27, 2001.

On December 31, 2001, DTI Holdings, Inc., Digital Teleport, Inc. and Digital Teleport of Virginia, Inc. filed voluntary petitions in Bankruptcy Court for the Eastern District of Missouri for reorganization under Chapter 11 of the U.S. Bankruptcy Code.

Subsidiaries of more than one System company at December 31, 2001:

None.

ITEM 2. ACQUISITIONS OR SALES OF UTILITY ASSETS

Kansas City Power & Light Company ("KCPL") leased a combustion turbine under a lease agreement with Wells Fargo Bank Northwest, N.A., by way of assignment from First Security Bank, N.A., dated as of October 18, 1995, as amended. The lease was authorized by the Commission (HCAR 27436). Pursuant to the lease agreement, KCPL exercised its option to purchase the combustion turbine by delivering a purchase notice dated as of October 2, 2001. The purchase option price was \$41,249,113.

Kansas City Power & Light Company entered into a certain Amended and Restated Lease dated as of October 12, 2001 with Wells Fargo Bank Northwest, N.A., relating to five combustion turbines, as authorized by the commission (HCAR 27436). There are no rental payments under the lease until 2003. Thereafter, annual rental payments will approximate \$12.5 million. The lease expiration date is October 2006.

ITEM 3. ISSUE, SALE, PLEDGE, GUARANTEE OR ASSUMPTION OF SYSTEM SECURITIES

Excludes securities previously reported in a certificate filed pursuant to Rule 24.

The following securities were issued during the reporting period of October 1, 2001 to December 31, 2001:

R.S. Andrews Enterprises, Inc.

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Issuance of \$300 thousand of indebtedness under an unsecured promissory note, variable interest rate, payable to Home Service Solutions Inc. on January 31, 2002. Issued December 17, 2001. (Exempt under Rule 52(b)).

Issuance of \$1.4 million of indebtedness during the reporting period of October 1, 2001 to December 31, 2001 under a credit agreement with LaSalle Bank National Association dated as of March 13, 2000, as amended. (Exempt under Rule 52(b)).

Kansas City Power & Light Company

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On November 21, 2001, Kansas City Power & Light Company issued \$150 million of Senior Unsecured Notes, 6.50% interest, maturing November 15, 2011. (Exempt under Rule 52(a))

Great Plains Energy Incorporated made capital contributions to Kansas City Power & Light Company of \$22,830,000 and \$16,170,000 on December 21 and December 27, 2001, respectively. (Exempt under Rule 45(b)(4)).

Strategic Energy, L.L.C.

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Strategic Energy, L.L.C., caused \$12,250,000 in letters of credit to be issued by PNC Bank, NA, guaranteed by Strategic Energy, L.L.C. under a Reimbursement Agreement for Standby Letters of Credit dated November 14, 2000 as amended (a portion of which is guaranteed by KLT Inc. as reported in the Rule 24 Certificate for the quarter ended December 31, 2001). (Exempt under Rule 52(b)).

Strategic Energy, L.L.C., caused \$16,722,655 in surety bonds to be issued by Federal Insurance Company or its subsidiary or affiliated insurers, guaranteed by Strategic Energy, L.L.C. (and by KLT Inc. as reported in the Rule 24 Certificate for the quarter ended December 31, 2001) under a General Agreement of Indemnity dated as of February 21, 2001. (Exempt under Rule 52(a)).

Digital Teleport, Inc.

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Digital Teleport, Inc. caused \$88,750 in surety bonds to be issued by Travelers Casualty and Surety Company of America, guaranteed by KLT Inc., KLT Telecom Inc., DTI Holdings, Inc. and Digital Teleport, Inc. under a General Contract of Indemnity dated as of May 15, 2001. (Exempt under Section 34 and / or Rule 52(b) as authorized by Order (HCAR 27436).

Issuance of \$1.0 million of indebtedness of Digital Teleport, Inc. to KLT Telecom Inc., under a credit agreement dated as of September 30, 2001, as amended, 2.5% interest. (Exempt under Section 34 and or Rule 52(b)).

DTI Holdings, Inc.

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On December 28, 2001, KLT Telecom Inc. contributed to the equity of DTI Holdings, Inc. \$84 million in principal under an existing \$94 million loan, plus accrued interest of approximately \$9 million on such loan, into a capital contribution to DTI Holdings, Inc. (exempt under Section 34 and/or Rule 45(b)(4)).

Information regarding the recurrent issuance of system securities during the reporting period of October 1, 2001 to December 31, 2001:

Name of Company	Aggregate Balance at December 31, 2001 (thousands)	Highest Aggregate Balance During Reporting Period (thousands)	Date of Highest Aggregate Balance	Effective Average Interest Rate
Great Plains Energy Incorporated	\$ 547	\$ 547	12/31/01	- %
Great Plains Power Incorporated	\$ 1,267	\$ 1,267	12/31/01	- %
Home Service Solutions Inc.	\$ 1,939	\$ 1,939	12/31/01	3.79 %
Worry Free Service, Inc.	\$ 2,001	\$ 2,493	10/1/01	3.92 %
R.S. Andrews Enterprises, Inc.	\$ 1,823	\$ 2,357	12/31/01	(Note 1)
R.S. Andrews Services, Inc.	\$ 849	\$ 849	12/31/01	(Note 1)
R.S. Andrews Enterprises of Columbus, Inc.	\$ 306	\$ 306	12/31/01	(Note 1)
R.S. Andrews Enterprises of Tennessee, Inc.	\$ 4	\$ 4	12/31/01	(Note 1)
R.S. Andrews of Fairfax, Inc.	\$ 335	\$ 335	12/31/01	(Note 1)
R.S. Andrews Termite and Pest Control, Inc.	\$ 59	\$ 59	10/31/01	(Note 1)
R.S. Andrews Enterprises of Kansas, Inc.	\$ 64	\$ 64	12/31/01	(Note 1)
KLT Inc.	\$ 82,985	\$ 102,975	11/30/01	3.25 %
KLT Investments, Inc.	\$ 2	\$ 2	12/31/01	8.25 %
KLT Energy Services, Inc.	\$ 10	\$ 10	12/31/01	8.25 %
KLT Gas, Inc.	\$ 3	\$ 3	12/31/01	8.25 %
Far Gas Acquisitions Corp.	\$ 3	\$ 3	12/31/01	8.25 %
Apache Canyon Gas, L.L.C.	\$ 7	\$ 7	12/31/01	8.25 %
Forest City, LLC	\$ 3	\$ 3	12/31/01	8.25 %
KLT Telecom, Inc.	\$ 146	\$ 195	11/30/01	8.25 %
Strategic Energy, L.L.C.	\$ -	\$ 4,000	11/26/01	5.75 %

Note 1: In 2002, R.S. Andrews Enterprises, Inc. and its subsidiaries will begin charging interest on open account advances, retroactive to October 1, 2001, the registration date of Great Plains Energy Incorporated.

ITEM 4. ACQUISITION, REDEMPTION, OR RETIREMENT OF SYSTEM SECURITIES

The following securities were acquired, redeemed, or retired during the reporting period of October 1, 2001 to December 31, 2001:

Kansas City Power & Light Company

Kansas City Power & Light Company retired at maturity, with consideration of \$30 million, pollution control revenue bonds, during the reporting period of October 1, 2001 to December 31, 2001 (exempt under Rule 42).

DTI Holdings, Inc.

On December 28, 2001, KLT Telecom Inc. contributed to the equity of DTI Holdings, Inc. \$84 million in principal under an existing \$94 million loan, plus accrued interest of approximately \$9 million on such loan, into a capital contribution to DTI Holdings, Inc. (exempt under Section 34 and/or Rule 45(b)(4)).

R.S. Andrews Enterprises, Inc.

R.S. Andrews Enterprises, Inc. fully paid off a loan for \$23 thousand in consideration from Powers Equipment during the reporting period of October 1, 2001 to December 31, 2001.

KLT Inc.

KLT Inc. fully paid off all amounts due under a credit agreement with Bank One, NA, and other lenders, dated as of June 30, 2000, as amended, during the reporting period of October 1, 2001 to December 31, 2001.

ITEM 5. INVESTMENTS IN SECURITIES OF NONSYSTEM COMPANIES

1. Aggregate investments in persons operating in the retail service area at December 31, 2001.

None.

2. For securities not included in 1. above, provide the following information for investments in securities of nonsystem companies at December 31, 2001:

Investments of the registrant and of each subsidiary thereof in holding companies and in public utility companies which are not subsidiary companies of the registrant as of December 31, 2001:

Issuing Company	Type of Security	Shares or Units	Owner's Book Value (thousands)

KLT Investments Inc. (owner) (Note 1)			
Pacific Gas & Electric	7.04% preferred stock	81,975	\$ 1,517
Pacific Gas & Electric	4.80% preferred stock	24,900	\$ 307
New York State Electric & Gas	\$4.50 preferred stock	1,575	\$ 132
Central Hudson Gas & Electric	\$4.50 preferred stock	1,460	\$ 107
Consolidated Edison	\$4.65 Series D preferred stock	18,704	\$ 1,379
Dayton Power & Light	\$3.75 Series B preferred stock	14,192	\$ 1,118
Indiana Michigan Power Co.	\$4.12 preferred stock	6,270	\$ 412
Interstate Power Co.	4.36% preferred stock	4,475	\$ 180
Interstate Power Co.	4.68% preferred stock	4,121	\$ 172
Northern Indiana Public Service	\$4.22 preferred stock	2,419	\$ 184
Northern Indiana Public Service	\$4.25 preferred stock	11,000	\$ 787
Northern Indiana Public Service	\$4.50 preferred stock	4,664	\$ 351
Xcel Energy Inc.	\$4.08 preferred stock	7,970	\$ 570
Alabama Power Co.	5.20% preferred stock	24,000	\$ 506
Delmarva Power & Light	7.75% preferred stock	3,625	\$ 92
Montana Power Co.	\$6.875 preferred stock	3,552	\$ 324
NICOR Inc.	4.48% preferred stock	8,350	\$ 383
Virginia Electric & Power	\$6.98 preferred stock	6,062	\$ 632

Note 1: Under the terms of the funded indebtedness of KLT Investments Inc., KLT Investments must maintain a reserve equal to the greater of 15% of the outstanding aggregate principal amount of such debt or the aggregate amount of the next principal and interest payments due in the succeeding year. Prior to October 1, 2001, KLT Investments invested a portion of the reserve in preferred stocks issued by public utilities to capture the preferred dividend payments. KLT Investments has not purchased any public utility securities subsequent to September 30, 2001, and intends to liquidate its public utility securities holdings as market conditions dictate.

All other investments of the registrant and of each subsidiary thereof in the securities of any other nonsystem company as of December 31, 2001:

Issuing Company	Type of Security	Shares or Units	Owner's Book Value (thousands)
Kansas City Power & Light Company			
KCPL Financing I (Trust)	Sponsor of Trust	Note 2	Note 2
Kansas City Power & Light Company Wolf Creek Decommissioning Trust	Trustor of Trust	Note 3	Note 3
KLT Investments Inc. (owner) (Note 4)			
Related Corporate Partners III, L.P. - Series 1 and 2	Limited Partnership Interest	9.90%	\$ 10,789
Lend Lease Institutional Tax Credits VII	Limited Partnership Interest	9.90%	\$ 4,640
Lend Lease Institutional Tax Credits IV	Limited Partnership Interest	9.8%	\$ 2,329
National Corporate Tax Credit Fund III	Limited Partnership Interest	18.36%	\$ 7,158
Columbia Housing Partners Corporate Tax Credit III Limited Partnership	Limited Partnership Interest	11.47%	\$ 7,954
Columbia Housing Partners Corporate Tax Credit IV Limited Partnership	Limited Partnership Interest	6.60%	\$ 1,963
Corporations for Affordable Housing, L.P.	Limited Partnership Interest	9.90%	\$ 4,909
Corporations for Affordable Housing II, L.P.	Limited Partnership Interest	9.90%	\$ 2,785
USA Metropolitan Tax Credit Fund II, L.P.	Limited Partnership Interest	13.20%	\$ 5,556
Missouri Affordable Housing Fund VII, L.P.	Limited Partnership Interest	85.19%	\$ 4,017
National Equity Fund 1992, L.P.	Limited Partnership Interest	0.98%	\$ 373
National Equity Fund 1993, L.P.	Limited Partnership Interest	0.66%	\$ 449

Issuing Company	Type of Security	Shares or Units	Owner's Book Value (thousands)
National Equity Fund 1995, L.P.	Limited Partnership Interest	2.42%	\$ 1,781
McDonald Corporate Tax Credit Fund 1994	Limited Partnership Interest	9.17%	\$ 4,767
Missouri Affordable Housing Fund VI, L.P.	Limited Partnership Interest	99%	\$ 3,464
Gateway Institutional Tax Credit Fund	Limited Partnership Interest	15.95%	\$ 3,940
Provident Tax Credit Fund II, L.P.	Limited Partnership Interest	12.6%	\$ 2,895
Missouri Affordable Housing Fund IX, L.P.	Limited Partnership Interest	33.14%	\$ 2,862
WNC Institutional Tax Credit Fund II, L.P.	Limited Partnership Interest	24.75%	\$ 2,323
NHT III Tax Credit Fund L.P.	Limited Partnership Interest	24.98%	\$ 1,898
Lend Lease Missouri Tax Credit Fund I, LLC	Limited Liability Company Interest	99.99%	\$ 1,098
Dominium Institutional Fund	Limited Partnership Interest	6%	\$ 889
Missouri Affordable Housing Fund V, L.P.	Limited Partnership Interest	83.55%	\$ 733
Aurora Family Apartments, L.P.	Limited Partnership Interest	0.01%	\$ 281
Housing Missouri Equity Fund 1994, L.L.C.	Limited Liability Company Interest	23.53%	\$ 250
Boston Capital Corporate Tax Credit Fund I, L.P.	Limited Partnership Interest	0.99%	\$ 507
	Treasury bond futures puts	150	\$ 33
Far Gas Acquisitions Corporation (owner) (Note 5)			
GNR San Juan Limited Partnership	Limited Partnership Interest	99%	\$ 480
GNR San Juan II Limited Partnership	Limited Partnership Interest	99%	\$ 69
Frontier Production Limited Partnership	Limited Partnership Interest	99%	\$ 11
Blue Spruce Investments Limited Partnership	Limited Partnership Interest	99%	\$ 760
Hallwood San Juan I Limited Partnership	Limited Partnership Interest	99%	\$ 1,611
Miller Shale Limited Partnership	Limited Partnership Interest	99%	\$ 367

Issuing Company	Type of Security	Shares or Units	Owner's Book Value (thousands)
KLT Investments II Inc. (owner) (Note 6)			
CFB Venture Fund II, L.P.	Limited Partnership Interest	3.3%	\$ 598
KCEP I, L.P.	Limited Partnership Interest	1.3%	\$ 820
EnviroTech Investment Fund I Limited Partnership	Limited Partnership Interest	6.36%	\$ 1,716
KLT Gas Inc. (owner)			
	Promissory notes due March 15, 2002 and September 15, 2002		\$ 4,765
Lyco Energy Corporation (Note 7)			
KLT Energy Services Inc. (owner)			
Bracknell Corporation (Note 8)	Common stock	1,133,165	\$ -
Black & McDonald, Inc. (Note 9)	promissory note		\$ 1,310
Custom Energy Holdings, L.L.C. (owner) (Note 10)	Series CEL Preferred Economic and Preferred Voting Interests	851,408	\$ 851
KLT Telecom Inc. (owner)			
Signal Sites Incorporated (Note 11)	common stock	200	\$ -
Signal Sites Incorporated (Note 11)	promissory note due February 15, 2001		\$ -

Note 2: A description of KCPL Financing I is contained in Note 14 of the combined notes to the consolidated financial statements of Great Plains Energy Incorporated and Kansas City Power & Light Company included in their combined Annual Report on Form 10-K for the year ended December 31, 2001, (File No's. 03-33207 and 1-707), which is incorporated herein by reference.

Note 3: A description the Kansas City Power & Light Wolf Creek Decommissioning Trust is contained in Note 1 to the consolidated financial statements of Great Plains Energy Incorporated and Kansas City Power & Light Company included in their combined Annual Report on Form 10-K for the year ended December 31, 2001, (File No's. 03-33207 and 1-707), which is incorporated herein by reference.

Note 4: Nature of business of investments held by KLT Investments Inc. - limited partnership investments in affordable housing partnerships throughout the United States and Puerto Rico.

Note 5: Nature of business of investments held by Far Gas Acquisitions Corporation - limited partnership investments in six natural gas producing partnerships that are structured to generate alternative fuel tax credits.

Note 6: Nature of business of investments held by KLT Investments II Inc. - passive investments in venture capital funds.

Note 7: Nature of business of Lyco Energy Corporation - independent oil and gas exploration, development and production company.

Note 8: Nature of business of Bracknell Corporation - provided infrastructure services for networks, systems, production facilities and equipment of companies across North America. In November, 2001 Bracknell common stock ceased trading at a last sale price of \$0.13 per share. As a result, during 2001, KLT Energy Services Inc. wrote off its investment in Bracknell. It is believed that Bracknell has ceased doing business.

Note 9: Nature of business of Black & McDonald, Inc. - a wholly-owned subsidiary of Black & McDonald Limited, a privately held Canadian contracting company operating across Canada, the United States and in selected global markets. The parent company provides electrical, mechanical, utility, and maintenance services to commercial, industrial, institutional, and government markets.

Note 10: As discussed in Note 6 to ITEM 1, Custom Energy, L.L.C. is a wholly-owned subsidiary of Custom Energy Holdings, L.L.C. Voting and economic interests in Custom Energy, L.L.C. are represented by four series of interests issued by Custom Energy Holdings, L.L.C. KLT Energy Services Inc. held at December 31, 2001, 851,408 units of Series CEL Preferred Economic Interest and 851,408 units of Series CEL Preferred Voting Interest. As the voting and economic interests in Custom Energy are held by the owners of Series CEL interests issued by Custom Energy Holdings, only KLT Energy Services' Series CEL interests are included in this ITEM.

Note 11: Nature of business of Signal Sites Incorporated - Rooftop management agreements with building owners under which Signal Sites may lease or otherwise provide access to wireless service providers for their antennas and other equipment. Signal Sites is an Exempt Telecommunications Company.

ITEM 6. OFFICERS AND DIRECTORS

Part I: Name, address and position of system company officers and directors at December 31, 2001.

NAME	ADDRESS	POSITION
GREAT PLAINS ENERGY INCORPORATED		
Bernard J. Beaudoin	Kansas City, MO	CM,P&CEO
Dr. David L. Bodde	Kansas City, MO	D
Mark A. Ernst	Kansas City, MO	D
Dr. William K. Hall	Chicago, IL	D
Luis A. Jimenez	Stamford, CT	D
William C. Nelson	Kansas City, MO	D
Dr. Linda H. Talbott	Kansas City, MO	D
Robert H. West	Kansas City, MO	D
William H. Downey	Kansas City, MO	EVP
Andrea F. Bielsker	Kansas City, MO	VP, CFO&T
Jeanie S. Latz	Kansas City, MO	SVP&S
Douglas M. Morgan	Kansas City, MO	VP
Brenda Nolte	Kansas City, MO	VP
William G. Riggins	Kansas City, MO	GC
Neil A. Roadman	Kansas City, MO	C
Andrew B. Stroud, Jr.	Kansas City, MO	VP

GREAT PLAINS POWER INCORPORATED

Bernard J. Beaudoin	Kansas City, MO	CM
Dr. David L. Bodde	Kansas City, MO	D
Mark A. Ernst	Kansas City, MO	D
Dr. William K. Hall	Chicago, IL	D
Luis A. Jimenez	Stamford, CT	D
William C. Nelson	Kansas City, MO	D
Dr. Linda H. Talbott	Kansas City, MO	D
Robert H. West	Kansas City, MO	D
Stephen T. Easley	Kansas City, MO	P&CEO
John J. DeStefano	Kansas City, MO	VP
Jeanie S. Latz	Kansas City, MO	S

NAME	ADDRESS	POSITION
KANSAS CITY POWER & LIGHT COMPANY		
Bernard J. Beaudoin	Kansas City, MO	CM, P&CEO
Dr. David L. Bodde	Kansas City, MO	D
Mark A. Ernst	Kansas City, MO	D
Dr. William K. Hall	Chicago, IL	D
Luis A. Jimenez	Stamford, CT	D
William C. Nelson	Kansas City, MO	D
Dr. Linda H. Talbott	Kansas City, MO	D
Robert H. West	Kansas City, MO	D
Andrea F. Bielsker	Kansas City, MO	VP, CFO&T
Frank L. Branca	Kansas City, MO	DP&VP
William H. Downey	Kansas City, MO	DP
William P. Herdegen III	Kansas City, MO	VP
Jeanie S. Latz	Kansas City, MO	S
Nancy J. Moore	Kansas City, MO	VP
Neil A. Roadman	Kansas City, MO	C
Richard Spring	Kansas City, MO	VP
Bailus M. Tate	Kansas City, MO	VP
KANSAS CITY POWER & LIGHT RECEIVABLES COMPANY		
Andrea F. Bielsker	Kansas City, MO	D&P
Jeanie S. Latz	Kansas City, MO	D
Peter H. Sorensen	New York, NY	D
Jacquetta L. Hartman	Kansas City, MO	S&T
WOLF CREEK NUCLEAR OPERATING CORPORATION		
Otto Maynard	Burlington, KS	CM, P&CEO
Rick Muench	Burlington, KS	VP
Mark Larson	Burlington, KS	C&T
Warren Wood	Burlington, KS	GC
Britt McKinney	Burlington, KS	VP
Bernard J. Beaudoin	Kansas City, MO	D
Stephen E. Parr	Topeka, KS	D
David C. Wittig	Topeka, KS	D
HOME SERVICE SOLUTIONS INC.		
John J. DeStefano	Kansas City, MO	P&D
Jeanie S. Latz	Kansas City, MO	D
Patrice S. Tribble	Kansas City, MO	D
Jacquetta L. Hartman	Kansas City, MO	S&T

NAME	ADDRESS	POSITION
WORRY FREE SERVICE, INC.		
John J. DeStefano	Kansas City, MO	P&D
Jeanie S. Latz	Kansas City, MO	D
Patrice S. Tribble	Kansas City, MO	D
Jacquetta L. Hartman	Kansas City, MO	S&T

R.S. ANDREWS ENTERPRISES, INC.

John J. DeStefano	Kansas City, MO	CM
Frank M. Chamberlain	Atlanta, GA	CEO&P
Jack Dowling	Atlanta, GA	COO, VP
Charles L. Cansler	Atlanta, GA	CF0, S&T
Glen Posladek	Atlanta, GA	VP
Donald L. Allex	Atlanta, GA	VP
Judy D. Potter	Atlanta, GA	VP
Richard G. Roeder, Jr.	Atlanta, GA	VP
Gary J. Anderson	Marietta, GA	D
Patrice S. Tribble	Kansas City, MO	D
Charles M. Berk	Atlanta, GA	D
Gregory Orman	Overland Park, KS	D

Note: Officers and Directors for all Subsidiaries of R.S. Andrews Enterprises, Inc. are the same as listed above for R.S. Andrews Enterprises, Inc.

KLT INC.

Gregory Orman	Overland Park, KS	P, CEO&D
David Haydon	Overland Park, KS	VP, GC&S
John Grossi	Overland Park, KS	CF0&T
Mark Schroeder	Overland Park, KS	VP
David Bodde	Kansas City, MO	D
Andrew Johnson	Minnetonka, MN	D
James Mitchell	Longboat Key, FL	D
Charles Schellhorn	Kansas City, MO	D
Ron Wasson	Blue Springs, MO	D

KLT INVESTMENTS INC.

James Gilligan	Kansas City, MO	P
John Grossi	Overland Park, KS	CF0&T
David Haydon	Overland Park, KS	S

Note: Statutory close corporation with no board of directors.

NAME	ADDRESS	POSITION
KLT INVESTMENTS II INC.		
Gregory Orman	Overland Park, KS	P
John Grossi	Overland Park, KS	CF0&T
David Haydon	Overland Park, KS	S

Note: Statutory close corporation with no board of directors.

ENERGETECHS, INC.

Ron Wasson	Blue Springs, MO	D
Douglas M. Morgan	Kansas City, MO	D&P
Chuck Tickles	Kansas City, MO	D
Carl Greenway	Kansas City, MO	D
James Gilligan	Kansas City, MO	D&T
Mark English	Kansas City, MO	S

KLT ENERGY SERVICES INC.

Gregory Orman	Overland Park, KS	P
Mark Schroeder	Overland Park, KS	VP
John Grossi	Overland Park, KS	CF0&T
David Haydon	Overland Park, KS	S

Note: Statutory close corporation with no board of directors.

CUSTOM ENERGY HOLDINGS, L.L.C.

Gregory Orman	Overland Park, KS	P, CEO&MC
Jerry McKenna	Overland Park, KS	VP
David Haydon	Overland Park, KS	S&MC
Tim Clemons	Overland Park, KS	MC
Richard Zomnir	Pittsburg, PA	MC
Mark Schroeder	Overland Park, KS	MC

STRATEGIC ENERGY, L.L.C.

Richard Zomnir	Pittsburg, PA	P, CEO&MC
Lee McCracken	Pittsburg, PA	CFO
Pat Purdy	Pittsburg, PA	COO
Trevor Lauer	Pittsburg, PA	VP
Wanda Schiller	Pittsburg, PA	GC&S
Ken Kelly	Pittsburg, PA	C
Gregory Orman	Overland Park, KS	MC
David Haydon	Overland Park, KS	MC
Mark Schroeder	Overland Park, KS	MC

NAME	ADDRESS	POSITION
KLT GAS INC.		
Bruce Selkirk	The Woodlands, TX	P
Charles Dein	The Woodlands, TX	EVP
Lynn Meibos	The Woodlands, TX	EVP
Gary DeGrange	The Woodlands, TX	VP&C
John Grossi	Overland Park, KS	CF0&T
David Haydon	Overland Park, KS	S

Note: Statutory close corporation with no board of directors.

APACHE CANYON GAS, L.L.C.

Bruce Selkirk	The Woodlands, TX	P
John Grossi	Overland Park, KS	CF0&T
David Haydon	Overland Park, KS	S

Note: Member-managed.

FAR GAS ACQUISITIONS CORPORATION

Gregory Orman	Overland Park, KS	D
Bruce Selkirk	The Woodlands, TX	D&P
John Grossi	Overland Park, KS	CF0&T
David Haydon	Overland Park, KS	S

FOREST CITY, LLC

Bruce Selkirk	The Woodlands, TX	M
Charles Dein	The Woodlands, TX	M
Lynn Meibos	The Woodlands, TX	M
John Grossi	Overland Park, KS	CF0&T
David Haydon	Overland Park, KS	S

FOREST CITY GATHERING, LLC

KLT Gas Inc.	The Woodlands, TX	M
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KLT GAS OPERATING COMPANY

Bruce Selkirk	The Woodlands, TX	P
John Grossi	Overland Park, KS	CF0&T
David Haydon	Overland Park, KS	S

Note: Statutory close corporation with no board of directors.

NAME	ADDRESS	POSITION
PATRICK KLT GAS, LLC		
Patrick Energy Corp.	Tulsa, OK	M
Note: Management committee is inactive.		
KLT TELECOM INC.		
Mark Schroeder	Overland Park, KS	P
John Grossi	Overland Park, KS	CF&T
David Haydon	Overland Park, KS	S
Note: Statutory close corporation with no board of directors.		
ADVANCED MEASUREMENT SOLUTIONS, INC		
Gregg Clizer	Kansas City, MO	D
James Gilligan	Kansas City, MO	D&T
Joseph Jacobs	Kansas City, MO	D&P
Mark English	Kansas City, MO	S
COPIER SOLUTIONS, LLC		
Joseph Jacobs	Kansas City, MO	M
Mark English	Kansas City, MO	S
James Gilligan	Kansas City, MO	T
ECHANNEL		
Peter Yoakum	Seattle, WA	P
Note: No other information available.		
MUNICIPAL SOLUTIONS, L.L.C.		
Gregg Clizer	Kansas City, MO	MC
Joseph Jacobs	Kansas City, MO	MC
James Gilligan	Kansas City, MO	T&MC
Mark English	Kansas City, MO	S
TELEMETRY SOLUTIONS, L.L.C.		
James Gilligan	Kansas City, MO	MC&T
Mark English	Kansas City, MO	S
Gregg Clizer	Kansas City, MO	MC
Joseph Jacobs	Kansas City, MO	MC

NAME	ADDRESS	POSITION
DTI HOLDINGS, INC.		
Paul Pierron	St. Louis, MO	P, CEO&D
Dan Davis	St. Louis, MO	SVP&GC
Matt Porterfield	St. Louis, MO	SVP
Steven Hendrix	St. Louis, MO	SVP
Andrew Whipple	St. Louis, MO	VP&C
Eyrl Finley	St. Louis, MO	VP
Phillip Adams	St. Louis, MO	VP
Ken Hager	Kansas City, MO	D
Gregory Orman	Overland Park, KS	D
Mark Schroeder	Overland Park, KS	D
Ronald Wasson	Blue Springs, MO	D
Richard Weinstein	Chesterfield, MO	D

DIGITAL TELEPORT, INC.

Paul Pierron	St. Louis, MO	P&CEO
Dan Davis	St. Louis, MO	SVP&GC
Matt Porterfield	St. Louis, MO	SVP
Steven Hendrix	St. Louis, MO	SVP
Andrew Whipple	St. Louis, MO	VP&C
Eyrl Finley	St. Louis, MO	VP
Phillip Adams	St. Louis, MO	VP
Ken Hager	Kansas City, MO	D
Gregory Orman	Overland Park, KS	D
Mark Schroeder	Overland Park, KS	D
Ronald Wasson	Blue Springs, MO	D
Richard Weinstein	Chesterfield, MO	D

DIGITAL TELEPORT NATIONWIDE LLC

Dan Davis	St. Louis, MO	M
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DIGITAL TELEPORT OF VIRGINIA, INC.

Paul Pierron	St. Louis, MO	P, CEO&D
Dan Davis	St. Louis, MO	SVP, GC&D
Mark Schroeder	Overland Park, KS	D

NOTE: Positions are indicated above by the following symbols:

AC	--	Assistant Controller
AGC	--	Assistant General Counsel
AS	--	Assistant Secretary
AT	--	Assistant Treasurer
C	--	Controller
CEO	--	Chief Executive Officer
CFO	--	Chief Financial Officer
CM	--	Chairman
CMPT	--	Comptroller
COO	--	Chief Operating Officer
D	--	Director
DCS	--	Director, Customer Services
DP	--	Division President
EVP	--	Executive Vice President
GC	--	General Counsel
GM	--	General Manager
M	--	Manager
MC	--	Management Committee Member
MD	--	Managing Director
P	--	President
S	--	Secretary
SA	--	Service Agent
SVP	--	Senior Vice President
T	--	Treasurer
VP	--	Vice President
VCM	--	Vice Chairman

ITEM 6. OFFICERS AND DIRECTORS - Part II: Financial Connections - the following is a list, as of December 31, 2001, of all officers and directors of each System Company who have financial connections within the provisions of Section 17(c) of the Public Utility Holding Company Act of 1935.

Name of Officer or Director	Name and Location of Financial Institution	Position Held in Financial Institution	Applicable Exemption Rules
Great Plains Energy Incorporated			
Robert H. West	Commerce Bancshares, Kansas City, MO	Director	Rule 70 (a)
William C. Nelson	George K. Baum Trust Company, Kansas City, MO	Director	Rule 70 (a)
Kansas City Power & Light Company			
Robert H. West	Commerce Bancshares, Kansas City, MO	Director	Rule 70 (c)
William C. Nelson	George K. Baum Trust Company, Kansas City, MO	Director	Rule 70 (c)
Great Plains Power Incorporated			
Robert H. West	Commerce Bancshares, Kansas City, MO	Director	Rule 70 (c)
William C. Nelson	George K. Baum Trust Company, Kansas City, MO	Director	Rule 70 (c)
John J. DeStefano	First Federal Bank F.S.B., Kansas City, MO	Director	Rule 70 (f)

ITEM 6. OFFICERS AND DIRECTORS - Part III.

Information disclosed in the proxy statement of Great Plains Energy Incorporated, the combined 10-K of Great Plains Energy Incorporated and Kansas City Power & Light Company, and Kansas City Power & Light Company's 10-K/A:

Director Compensation. Compensation is paid to non-employee members of the Board. An annual retainer of \$24,000 was paid in 2001 (\$9,000 of which was used to acquire shares of Great Plains Energy Common stock through Great Plains Energy's Dividend Reinvestment and Direct Stock Purchase Plan on behalf of each non-employee member of the Board). An additional retainer of \$3,000 was paid to those non-employee directors serving as chair of a committee. Attendance fees of \$1,000 for each Board meeting and \$1,000 for each committee meeting attended were also paid in 2001. Directors may defer the receipt of all or part of the cash retainers and meeting fees.

Great Plains Energy also provides life and medical insurance coverage for each non-employee member of the Board. The total premiums paid by Great Plains Energy for this coverage for all participating non-employee directors in 2001 was \$19,702.00.

SECURITY OWNERSHIP OF DIRECTORS AND OFFICERS

The following table shows beneficial ownership of Great Plains Energy's common stock by the named executive officers, directors and all directors and officers as of February 28, 2002 except as footnoted below. The total of all shares owned by directors and officers represents less than one percent of the outstanding shares of Great Plains Energy's common stock. With the exception of the Company's Employee Savings Plus Plan which held 5.11% on December 31, 2001, management of Great Plains Energy has no knowledge of any person (as defined by the Securities and Exchange Commission) who owns beneficially more than 5% of Great Plains Energy common stock.

Name of Beneficial Owner	Shares of Common Stock Beneficially Owned

Named Executive Officers	
Bernard J. Beaudoin	5,105(1)
William H. Downey	2,000(1)
A. Drue Jennings	23,306
Frank L. Branca	16,490(1)
Jeanie S. Latz	15,715(1)
Douglas M. Morgan	5,089(1)
Other Director Nominees	
David L. Bodde	5,357(2)
Mark A. Ernst	1,089
Randall C. Ferguson, Jr.	100(3)
William K. Hall	6,310
Luis A. Jimenez	607
James A. Mitchell	1,000
William C. Nelson	888
Linda H. Talbott	6,302
Robert H. West	4,415(4)
All Officers and Directors As A Group (27 persons)	166,068(1)

(1) Includes shares held in the Great Plains Energy's Employee Savings Plus Plan and exercisable non-qualified stock option grants under the Long-Term Incentive Plan.

(2) The nominee disclaims beneficial ownership of 1,000 shares reported and held by nominee's mother.

(3) Acquired shares on March 6, 2002.

(4) The nominee disclaims beneficial ownership of 1,000 shares reported and held by nominee's wife.

EXECUTIVE COMPENSATION

The following table contains executive compensation data.

Summary Compensation Table

Name and Principal Position	Year	Annual Compensation		All Other Compensation (\$)(1)
		Salary (\$)	Bonus (\$)	
A. Drue Jennings (2) Former Chairman of the Board	2001	175,000	0	56,463
	2000	500,000	263,968	75,568
	1999	475,000	0	67,867
Bernard J. Beaudoin Chairman of the Board, President and Chief Executive Officer	2001	400,000	0	36,971
	2000	325,000	162,535	33,174
	1999	290,000	0	20,894
Frank L. Branca Vice President - Generation Services-KCPL and President KCPL Power Division	2001	200,000	0	26,135
	2000	190,000	80,775	21,624
	1999	155,000	0	19,502
William H. Downey (3) Executive Vice President GPE and President KCPL Delivery Division	2001	250,000	0	5,645
	2000	65,000	54,000	698
Jeanie S. Latz Senior Vice President Corporate Services and Secretary	2001	200,000	0	27,145
	2000	180,000	83,506	19,121
	1999	152,000	0	17,819
Douglas M. Morgan Vice President - Information Technology and Support Services	2001	190,000	0	20,990
	2000	175,000	67,326	18,524
	1999	160,000	0	16,828

(1) For 2001, amounts include:

o Flex dollars under the Flexible Benefits Plan: Jennings - \$16,914; Beaudoin - \$15,618; Branca - \$16,922; Downey - \$3,362; Latz - \$16,092; and Morgan - \$15,677.

o Deferred Flex Dollars: Jennings - \$25,738; Beaudoin - \$12,509; and Downey-- \$910

o Above-market interest paid on deferred compensation: Jennings - \$8,780; Beaudoin - \$3,771; Branca - \$3,196; Downey - \$1,144; and Latz - \$4,986.

o Great Plains Energy contribution under the Great Plains Energy Employee Savings Plus Plan: Jennings - \$5,031; Beaudoin - \$5,073; Branca - \$5,261; Downey - \$229; Latz - \$5,254; and Morgan - \$5,313

o Contribution to Deferred Compensation Plan: Branca - \$756; and Latz - \$813.

(2) Mr. Jennings retired from the Company in May 2001.

(3) Mr. Downey was employed as Executive Vice President-KCPL and President-KCPL Delivery effective September 25, 2000.

Stock Options

The Company has a long-term incentive plan that permits the grant of restricted stock, stock options, limited stock appreciation rights and performance shares to officers and other employees of the Company and its subsidiaries. The maximum number of shares of Great Plains Energy common stock that may be issued under the plan is 3.0 million.

Stock Options Granted 1992-1996

The exercise price of stock options granted equaled the market price of the Company's common stock on the grant date. One-half of all options granted vested one year after the grant date, the other half vested two years after the grant date. An amount equal to the quarterly dividends paid on Great Plains Energy's common stock shares (dividend equivalents) accrues on the options for the benefit of option holders. The option holders are entitled to stock for their accumulated dividend equivalents only if the options are exercised when the market price is above the exercise price. At December 31, 2001, the market price of Great Plains Energy's common stock was \$25.20, which exceeded the grant price for two of the three years that options granted were still outstanding. Unexercised options expire ten years after the grant date.

KCP&L follows Accounting Principles Board (APB) Opinion 25, "Accounting for Stock Issued to Employees" and related interpretations in accounting for this plan. KCP&L recognizes annual expense equal to accumulated and reinvested dividends plus the impact of the change in stock price since the grant date. KCP&L expensed \$(0.3) million in 2001, \$1.1 million in 2000 and \$(1.1) million in 1999.

Even though KCP&L follows APB Opinion 25, SFAS No. 123, "Accounting for Stock-Based Compensation" requires certain disclosures regarding expense and value of options granted using the fair-value method. KCP&L has expensed approximately the same amount as required by FASB 123. For options outstanding at December 31, 2001, grant prices range from \$20.6250 to \$26.1875 and the weighted-average remaining contractual life is 3.6 years.

Stock option activity over the last three years is summarized below:

	2001		2000		1999	
	Shares	Price	Shares	Price	Shares	Price
Outstanding at January 1	88,500	\$23.57	89,875	\$23.57	97,875	\$23.41
Exercised	31,125	23.27	(1,375)	23.88	-	-
Cancelled	-	-	-	-	(8,000)	21.63
Outstanding at December 31	57,375	\$23.73	88,500	\$23.57	89,875	\$23.57
Exercisable as of December 31	57,375	\$23.73	88,500	\$23.57	89,875	\$23.57

Stock Options Granted 2001

In 2001, 193,000 stock options were granted under the plan at the fair market value of the shares on the grant date. The options vest three years after the grant date and expire in ten years if not exercised. Exercise prices range from \$25.32 to \$25.98.

Great Plains Energy follows APB Opinion 25 to account for these options. No compensation cost is recognized because the option exercise price is equal to the market price of the underlying stock on the date of grant. Had compensation cost for the plan been recorded based on the fair value at the grant dates for awards as prescribed by SFAS No.123, pro forma net income and earnings per share would not have been materially different than reported for 2001.

The fair value of each option award is estimated on the date of grant using the Black-Scholes option-pricing model with the following assumptions used to estimate the fair value of options granted in 2001: dividend yield of 6.37%; expected stock price volatility of 25.879%; risk-free interest rate of 5.53% and expected life of option of 9.2 years.

In 2001, 144,500 performance shares were awarded. The issuance of performance shares is contingent upon achievement, over a four-year period, of company and individual performance goals. Performance shares have an intrinsic value equal to the market price of a share on the date of grant. Pursuant to APB 25, expense is accrued for performance shares over the period services are performed, if attainment of the performance goals appears probable. As a result of the Company's 2001 results of operations, no compensation expense was recognized in 2001 related to the performance shares.

OPTION/SAR GRANTS IN THE LAST FISCAL YEAR

Name	Individual Grants		Exercise or Base Price (\$/sh)	Expiration Date	Grant Date Present Value \$(1)
	Number of Securities Underlying Options/SAR Granted (#)	Percent of Total Options/SARs Granted To Employees in Fiscal Year			
Bernard J. Beaudoin	55,000	28 %	\$ 25.55	2/6/2011	\$ 208,441
Frank L. Branca	6,000	3 %	\$ 25.55	2/6/2011	\$ 22,739
William H. Downey	20,000	10 %	\$ 25.55	2/6/2011	\$ 75,797
Jeanie S. Latz	13,000	7 %	\$ 25.55	2/6/2011	\$ 49,268
Douglas M. Morgan	6,000	3 %	\$ 25.55	2/6/2011	\$ 22,739

(1) The grant date valuation was calculated by using the binomial option pricing formula, a derivative of the Black-Scholes model. The underlying assumptions used to determine the present value of the option were as follows:

Annualized stock volatility:	.25879
Time of exercise (option term):	10 years
Risk free interest rate:	5.53%
Stock price at grant:	\$ 25.55
Exercise price:	\$ 25.55
Average dividend yield:	6.37%

AGGREGATED OPTION/SAR EXERCISES IN THE LAST FISCAL YEAR AND FISCAL YEAR-END OPTION/SAR VALUES

Name	Shares Acquired on Exercise (#)(1)	Value Realized (\$)(1)	Number of Unexercised Options/SARs at Fiscal Year End (#)		Value of Unexercised In-the-Money Options/SARs at Fiscal Year End (\$)	
			Exercisable	Unexercisable	Exercisable	Unexercisable
Frank L. Branca	31,165	\$ 365,439	11,000	6,000	\$ 19,731	\$ -2,100

(1) Includes dividends that accrued on options and were reinvested.

LONG-TERM INCENTIVE PLANS - AWARDS IN LAST FISCAL YEAR

Name	Number of Shares, Units or Other Rights (#)	Performance or Other Period Until Maturation or Payout
Bernard J. Beaudoin	40,000 shares	4 years ending 2004
Frank L. Branca	10,000 shares	4 years ending 2004
William H. Downey	15,000 shares	4 years ending 2004
Jeanie S. Latz	10,000 shares	4 years ending 2004
Douglas M. Morgan	5,000 shares	4 years ending 2004

The awards of performance shares are subject to the achievements of a four-year EVA(R)(1) target and certain individual performance goals for each officer during the four-year period. Performance share awards are credited to a performance share account maintained for each participant. If at the end of the four year period the goals have been achieved and the EVA(R) target has been met, a participant will receive one share of common stock for each performance share received.

(1) EVA(R) is a registered trademark of Stern Stewart & Co. in the United States of America, France, the United Kingdom, Canada, Australia and Mexico.

GREAT PLAINS ENERGY PENSION PLANS

Great Plains Energy has a non-contributory pension plan (the "Great Plains Energy Pension Plan") for its management employees, including executive officers of Great Plains Energy, providing for benefits upon retirement, normally at age 65. In addition, an unfunded deferred compensation plan provides a supplemental retirement benefit for executive officers. The following table shows examples of single life option pension benefits (including unfunded supplemental retirement benefits) payable upon retirement at age 65 to the named executive officers:

Average Annual Base Salary for Highest 36 Months	Annual Pension for Years of Service Indicated			
	15	20	25	30 or more
150,000	45,000	60,000	75,000	90,000
200,000	60,000	80,000	100,000	120,000
250,000	75,000	100,000	125,000	150,000
300,000	90,000	120,000	150,000	180,000
350,000	105,000	140,000	175,000	210,000
400,000	120,000	160,000	200,000	240,000
450,000	135,000	180,000	225,000	270,000
500,000	150,000	200,000	250,000	300,000

Each eligible employee with 30 or more years of credited service, or whose age and years of service add up to 85, is entitled to a total monthly annuity equal to 50% of their average base monthly salary for the period of 36 consecutive months in which their earnings were highest. The monthly annuity will be proportionately reduced if their years of credited service are less than 30. The compensation covered by the Great Plains Energy Pension Plan - base monthly salary - excludes any bonuses and other compensation. The Great Plains Energy Pension Plan provides that pension amounts are not reduced by Social Security benefits. The estimated credited years of service for the named executive officers in the Summary Compensation table are as follows:

Officer	Credited Years of Service
Bernard J. Beaudoin	21 years
Frank L. Branca	30 years
William H. Downey	8 months
Jeanie S. Latz	20 years
Douglas M. Morgan	23 years

Eligibility for supplemental retirement benefits is limited to officers selected by the Compensation Committee of the Board; all the named executive officers are participants. The annual target retirement benefit payable at the normal retirement date is equal to 2% of highest average earnings, as defined, for each year of credited service up to 30 (maximum of 60% of highest average earnings). The actual retirement benefit paid equals the target retirement benefit less retirement benefits payable under the management pension plan. A liability accrues each year to cover the estimated cost of future supplemental benefits.

The Internal Revenue Code imposes certain limitations on pensions that may be paid under tax qualified pension plans. In addition to the supplemental retirement benefits, the amount by which pension benefits exceed the limitations will be paid outside the qualified plan and accounted for by Great Plains Energy as an operating expense.

GREAT PLAINS ENERGY SEVERANCE AGREEMENTS

Great Plains Energy has severance agreements ("Great Plains Energy Severance Agreements") with certain of its senior executive officers, including the named executives, to ensure their continued service and dedication to Great Plains Energy and their objectivity in considering on behalf of Great Plains Energy any transaction which would change the control of Great Plains Energy. Under the Great Plains Energy Severance Agreements, a senior executive officer would be entitled to receive a lump-sum cash payment and certain insurance benefits during the three-year period after a Change in Control, (or, if later, the three-year period following the consummation of a transaction approved by Great Plains Energy's Shareholders constituting a Change in Control) if the officer's employment was terminated by:

- o Great Plains Energy other than for cause or upon death or disability;
- o the senior executive officer for "Good Reason" (as defined in the Great Plains Energy Severance Agreements); and
- o the senior executive officer for any reason during a 30-day period commencing one year after the Change in Control or, if later, commencing one year following consummation of a transaction approved by Great Plains Energy's shareholders constituting a change in control (a "Qualifying Termination").

A Change in Control is defined as:

- o an acquisition by a person or group of 20% or more of the Great Plains Energy common stock (other than an acquisition from or by Great Plains Energy or by a Great Plains Energy benefit plan);
- o a change in a majority of the Board; and
- o approval by the shareholders of a reorganization, merger or consolidation (unless shareholders receive 60% or more of the stock of the surviving Company) or a liquidation, dissolution or sale of substantially all of Great Plains Energy's assets.

Upon a Qualifying Termination, Great Plains Energy must make a lump-sum cash payment to the senior executive officer of:

- o the officer's base salary through the date of termination;
- o a pro-rated bonus based upon the average of the bonuses paid to the officer for the last five fiscal years;
- o any accrued vacation pay;
- o two or three times the officer's highest base salary during the prior 12 months;
- o two or three times the average of the bonuses paid to the officer for the last five fiscal years;
- o the actuarial equivalent of the excess of the officer's accrued pension benefits including supplemental retirement benefits computed without reduction for early retirement and including two or three additional years of benefit accrual service, over the officer's vested accrued pension benefits; and
- o the value of any unvested Great Plains Energy contributions for the benefit of the officer under the Great Plains Energy Employee Savings Plus Plan.

In addition, Great Plains Energy must offer health, disability and life insurance plan coverage to the officer and his dependents on the same terms and conditions that existed immediately prior to the Qualifying Termination for two or three years, or, if earlier, until the senior executive officer is covered by equivalent plan benefits. Great Plains Energy must make certain "gross-up" payments regarding tax obligations relating to payments under the Great Plains Energy Severance Agreements as well as provide reimbursement of certain expenses relating to possible disputes that might arise.

Payments and other benefits under the Great Plains Energy Severance Agreements are in addition to balances due under the Great Plains Energy Long- and Short-Term Incentive Plan. Upon a Change in Control (as defined in the Great Plains Energy Long-Term Incentive Plan), all stock options granted in tandem with limited stock appreciation rights will be automatically exercised.

CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS

On September 30, 2000, KLT Energy Services exercised an option to purchase 1,411,765 shares of Bracknell Corporation (Bracknell) common stock owned by Reardon Capital, L.L.C. (Reardon). KLT Energy Services received 1,136,789 common shares of Bracknell at \$4.25 per share and a warrant to purchase the remaining 274,976 shares at an exercise price of \$4.25 per share. On that date, the closing price of Bracknell stock was \$6.80 per share. Reardon had granted the option to KLT Energy Services in connection with the acquisition by Bracknell of an investment owned by KLT Energy Services and Reardon. In May 2001, KLT Energy Services exercised its warrant for 274,976 shares at \$4.25 per share and sold 278,600 shares of Bracknell common stock in June 2001 at \$4.48 per share.

KLT Energy Services classified its investment in Bracknell as a trading security and reflected such investment at its market price. At December 31, 2000, the market value of KLT Energy Services' investment in Bracknell was \$6.2 million or \$5.56 per Bracknell share. In November 2001, Bracknell common stock ceased trading at a last sale price of \$0.13 per share. As a result, during 2001, KLT Energy Services wrote off its investment in Bracknell.

Gregory Orman, President and Chief Executive Officer of KLT Energy Services owns 55% of the membership interests of Reardon in addition to 740,000 common shares (approximately 1%) of Bracknell. At December 31, 2001, Bracknell common stock is no longer traded.

In January of 1997, KLT Energy Services acquired approximately 71% of Custom Energy from Environmental Lighting Concepts. In February of 1999, Custom Energy acquired 100% of the outstanding ownership interest in Strategic Energy in exchange for 25% of the ownership interest in Custom Energy. Through a series of transactions, KLT Energy Services has increased its indirect ownership position in Strategic Energy to approximately 83% as of December 31, 2001. Environmental Lighting Concepts continues to own a 5.8% indirect ownership interest in Strategic Energy. Gregory Orman holds a 67% interest in Environmental Lighting Concepts.

COMPENSATION COMMITTEE REPORT ON EXECUTIVE COMPENSATION

The Compensation Committee of the Board is composed of three independent directors. The Compensation Committee establishes and administers the policies and plans that govern compensation for the executive officers of Great Plains Energy. The Compensation Committee's recommendations are subject to approval by non-employee members of the Board. The Compensation Committee has not adopted a policy concerning the Internal Revenue Service's rules on the deductibility of compensation in excess of \$1,000,000.

The executive compensation for Great Plains Energy's executive officers in 2001 was designed to attract and keep talented, key executives critical to Great Plains Energy's long-term success in a deregulated market and to support a performance-oriented environment. Base salaries in 2001 were established on the basis of:

- o job responsibilities and complexity;
- o individual performance under established guidelines; and
- o competitiveness for comparable positions in companies of similar size within the industry.

The Compensation Committee also compared total executive compensation packages with national compensation surveys including data prepared for the Edison Electric Institute ("EEI") by Towers Perrin.

The Great Plains Energy Long- and Short-Term Incentive Compensation Plan (the "Incentive Plan") for executive officers based on Economic Value Added (EVA(R)) was designed to align the interests of management with shareholders. If shareholder value is increased by the amount of the annual EVA(R) goal, bonuses are paid at a target level that varies to reflect a participant's level of responsibility. A minimum level of EVA(R) improvement has to be achieved before any bonus is awarded. EVA(R) improvement above the annual goal results in payouts above the target level. In 2001, the EVA(R) goal was below the minimum level, and as a result no bonuses were paid.

Chief Executive Officer

In determining the base salary for Bernard J. Beaudoin, the Chief Executive Officer of Great Plains Energy in 2001, the Compensation Committee considered: o financial performance of Great Plains Energy; o cost and quality of services provided; o leadership in enhancing the long-term value of Great Plains Energy; and o relevant salary data including information supplied

Directors' and Executive Officers' rights to Indemnity

The state laws under which each of the System companies is incorporated provide broadly for indemnification of directors and officers against claims and liabilities against them in their capacities as such. Each of the System companies' charters or by-laws also provides for indemnification of directors and officers. Each of such company's articles of incorporation, charters, by-laws, or regulations identifying these rights to indemnify are incorporated by reference or contained herein as exhibits. In addition, the directors and officers of Great Plains Energy and subsidiaries are insured under one or more directors' and officers' liability policies. Great Plains Energy and one or more of its subsidiaries have entered into standard forms of indemnity agreements with their respective officers and directors.

ITEM 7. CONTRIBUTION AND PUBLIC RELATIONS

(1) Kansas City Power & Light Company has established a political action committee and has incurred, in accordance with the provisions of the Federal Election Campaign Act, certain costs for the administration of such committees.

(2) Expenditures, disbursements, or payments, in money, goods or services, directly or indirectly to or for the account of any citizens group, or public relations counsel were as follows during the reporting period of October 1, 2001 to December 31, 2001:

Name of Company	Name of Recipient Beneficiary	Purpose	Account Charged	Amount
Kansas City Power & Light Company	Country Club Plaza Merchants Assoc.	Community activity	A&G Expense	\$ 90,000
Kansas City Power & Light Company	Folly Theatre	Community activity	A&G Expense	\$ 10,000
Kansas City Power & Light Company	Less than \$10,000 -19 beneficiaries	Community activities	A&G Expense	\$ 56,638
Wolf Creek Nuclear Operating Corporation	Less than \$10,000 -1 beneficiary	Kansas State government relations	Income deductions	\$ 6,031

ITEM 8. SERVICE, SALES AND CONSTRUCTION CONTRACTS

Part I. Contracts for services, including engineering or construction services, or goods supplied or sold between System companies during the reporting period of October 1, 2001 to December 31, 2001 are as follows:

Transaction	Serving Company	Receiving Company	Compensation (thousands)
Misc. services and materials	Kansas City Power & Light Company	Great Plains Energy Incorporated (Note 1)	\$ 49
Misc. services and materials	Kansas City Power & Light Company	Great Plains Power Incorporated (Note 1)	\$ 877
Misc. services and materials	Kansas City Power & Light Company	KLT Inc. (Note 2)	\$ 74
Executive management	Kansas City Power & Light Company	Worry Free Service, Inc. (Note 3)	\$ 14
General management	Kansas City Power & Light Company	Worry Free Service, Inc. (Note 3)	\$ 18
Legal	Kansas City Power & Light Company	Worry Free Service, Inc. (Note 3)	\$ 18
Customer relations	Kansas City Power & Light Company	Worry Free Service, Inc. (Note 3)	\$ 11
Marketing	Kansas City Power & Light Company	Worry Free Service, Inc. (Note 3)	\$ 16
Quality assurance	Kansas City Power & Light Company	Worry Free Service, Inc. (Note 3)	\$ 31
Provider relations	Kansas City Power & Light Company	Worry Free Service, Inc. (Note 3)	\$ 14
Accounting	Kansas City Power & Light Company	Worry Free Service, Inc. (Note 3)	\$ 29
Information technology	Kansas City Power & Light Company	Worry Free Service, Inc. (Note 3)	\$ 17
Admin. and other	Kansas City Power & Light Company	Worry Free Service, Inc. (Note 3)	\$ 3
Third party invoices	Kansas City Power & Light Company	Worry Free Service, Inc. (Note 3)	\$ 577
Corporate overhead	Kansas City Power & Light Company	Worry Free Service, Inc. (Note 3)	\$ 125
Executive management	Kansas City Power & Light Company	Home Service Solutions Inc. (Note 3)	\$ 24
Corporate overhead	Kansas City Power & Light Company	Home Service Solutions Inc. (Note 3)	\$ 26
(Note 4)	R.S. Andrews Enterprises, Inc.	(Note 4)	(Note 4)
Investment management	KLT Inc.	KLT Energy Services Inc. (Note 1)	\$ 7
Investment management	KLT Inc.	KLT Telecom Inc. (Note 1)	\$ 199
Investment management	KLT Inc.	KLT Investments Inc. (Note 1)	\$ 3
Investment management	KLT Inc.	KLT Investments II Inc. (Note 1)	\$ 1
Investment management	KLT Inc.	KLT Gas Inc. (Note 1)	\$ 40

Note 1: Provided under informal arrangements. Provision of goods and services are authorized by Commission order (HCAR 27436).

Note 2: Provided under contracts dated February 18, 1993 and August 6, 2001, in effect as of December 31, 2001.

Note 3: Provided under contracts dated September 4, 1998, in effect as of December 31, 2001.

Note 4: R.S. Andrews Enterprises, Inc. provides for its subsidiaries, services including finance, accounting, human resource, fleet management, information technology, new business development, legal and insurance. During the period of October 1, 2001 through December 31, 2001, no direct or indirect charges or costs of capital were billed by R.S. Andrews Enterprises, Inc. to any of its subsidiaries.

Part II. Contracts to purchase services or goods during the reporting period of October 31, 2001 to December 31, 2001 from any affiliate (other than a System company) or from a company in which any officer or director of the receiving company is a partner or owns 5 percent or more of any class of equity securities.

Patrick Energy Corp. is a 50% member and the manager of Patrick KLT Gas, LLC. Pursuant to the operating agreement of Patrick KLT Gas, LLC, dated as of January 14, 2000, the manager provides management and operational services, and goods, to Patrick KLT Gas, LLC. In the reporting period nothing was paid on account of such services or goods.

Part III. The System companies do not employ any other person for the performance on a continuing basis of management, supervisory or financial advisory services.

ITEM 9. WHOLESALE GENERATORS AND FOREIGN UTILITY COMPANIES

Neither Great Plains Energy Incorporated or any its subsidiaries held any interest in an exempt wholesale generator or a foreign utility company during the reporting period of October 1, 2001 to December 31, 2001.

ITEM 10. FINANCIAL STATEMENTS AND EXHIBITS

Consolidated Financial Statements and Notes 1 through 19 to the Consolidated Financial Statements are incorporated herein by reference, in Exhibit A-1, in the combined Annual Report of Great Plains Energy Incorporated and Kansas City Power & Light Company on Form 10-K for the year 2001, as amended by Form 10-K/A. (Item 8. Consolidated Financial Statements).

The financial statements of inactive subsidiaries, and of subsidiaries which cannot be obtained are omitted.

By permission of the Staff of the Commission, consolidating cash flows are not presented for the following companies. These companies are included in the consolidated cash flows of Home Service Solutions, Inc.

Worry Free Service, Inc.
R.S. Andrews Enterprises, Inc.
RSA Services Termite & Pest Control, Inc.
R.S. Andrews Enterprises of Alabama, Inc.
R.S. Andrews Enterprises of Charleston, Inc.
R.S. Andrews Enterprises of Columbus, Inc.
R.S. Andrews Enterprises of Dallas, Inc.
R.S. Andrews Enterprises of Kansas, Inc.
R.S. Andrews Enterprises of South Carolina, Inc.
R.S. Andrews of Chattanooga, Inc.
R.S. Andrews of Fairfax, Inc.
R.S. Andrews of Maryland, Inc.
R.S. Andrews Services, Inc.
R.S. Andrews of Stuart II, Inc.
R.S. Andrews of Tidewater, Inc.
R.S. Andrews of Wilmington, Inc.
R.S. Andrews of Jonesboro, Inc.
R.S. Andrews Enterprises of Virginia, Inc.
R.S. Andrews Enterprises of Tennessee, Inc.

By permission of the Staff of the Commission, consolidating cash flows are not presented for the following companies. These companies are included in the consolidated cash flows of KLT Inc.

KLT Investments Inc.
KLT Investments II Inc.
KLT Energy Services Inc.
Custom Energy Holdings, L.L.C.
Strategic Energy, L.L.C.
KLT Gas Inc.
Apache Canyon Gas, L.L.C.
FAR Gas Acquisitions Corporation
Forest City, LLC Forest City Gathering, LLC KLT Gas Operating Company Patrick
KLT Gas, LLC KLT Telecom Inc.
Advanced Measurement Solutions, Inc.
Copier Solutions, LLC
eChannel, Inc.

Municipal Solutions, L.L.C.
Telemetry Solutions, L.L.C.
Globalutilityexchange.com, LLC
DTI Holdings, Inc.
Digital Teleport, Inc.
Digital Teleport Nationwide LLC
Digital Teleport of Virginia, Inc.

Exhibits

- F-1 The consent of the independent accountants as to their opinion on the consolidated financial statements and the footnotes of Great Plains Energy Incorporated and Subsidiaries for the year ended December 31, 2001 is included in Exhibit F-1.
- F-2 The consent of the independent accountants as to their opinion on the financial statements of DTI Holdings, Inc. and Subsidiaries for the year ended December 31, 2001 is included in Exhibit F-2.
- F-3 Consolidating Financial Statements of Great Plains Energy Incorporated for the year ended December 31, 2001. (Filed pursuant to Rule 104(b)).
- F-4 Consolidating Financial Statements of KLT Inc. for the year ended December 31, 2001. (Filed pursuant to Rule 104(b)).
- F-5 Consolidating Financial Statements of KLT Energy Services Inc. for the year ended December 31, 2001. (Filed pursuant to Rule 104(b)).
- F-6 Consolidating Financial Statements of KLT Telecom Inc. for the year ended December 31, 2001. (Filed pursuant to Rule 104(b)).
- F-7 Consolidating Financial Statements of KLT Gas Inc. for the year ended December 31, 2001. (Filed pursuant to Rule 104(b)).
- F-8 Consolidating Financial Statements of Home Service Solutions Inc. for the year ended December 31, 2001. (Filed pursuant to Rule 104(b)).
- F-9 Classified plant accounts and related depreciation or amortization reserve schedules included in the FERC Form No.1 of KCP&L. (Filed on Form SE)
- F-10 Financial Statements of Kansas City Power & Light Receivables Company for the year ended December 31, 2001. (Filed pursuant to Rule 104(b)).
- F-11 Annual Report of Wolf Creek Nuclear Operating Corporation for the year ended December 31, 2001. (Filed on Form SE)
- F-12 The chart of accounts of KLT Inc. and its subsidiaries as of December 31, 2001 (pursuant to Rule 26 (b)). (Filed on Form SE)
- F-13 The chart of accounts of R.S. Andrews Enterprises Inc. and its subsidiaries as of December 31, 2001 (pursuant to Rule 26 (b)). (Filed on Form SE)

EXHIBITS

Copies of the documents listed below which are identified with an asterisk (*) have heretofore been filed with the SEC and are incorporated herein by reference and made a part hereof. Exhibits not so identified are filed herewith unless otherwise stated.

Exhibit Designation	Description of Exhibit
A-1*	Combined Annual Reports of Great Plains Energy Incorporated and of Kansas City Power & Light Company on Form 10-K for the year ended December 31, 2001, as amended by Form 10-K/A. (File Nos. 001-00707 and 000-33207)
B-1*	Articles of Incorporation of Great Plains Energy Incorporated dated March 13, 2001 (Exhibit 3.i to Form 8-K filed October 1, 2001, File No. 000-33207)
B-2*	Bylaws of Great Plains Energy Incorporated dated March 13, 2001 (Exhibit 3.ii to Form 8-K filed October 1, 2001, File No. 000-33207)
B-3*	Restated Articles of Consolidation of Kansas City Power & Light Company, as amended October 1, 2001 (Exhibit 3-(i) to Form 10-Q for quarter ended September 30, 2001, File No. 001-00707)
B-4*	Bylaws of Kansas City Power & Light Company, as amended and in effect on November 7, 2000 (Exhibit 3-b to Form 10-K for the year ended December 31, 2000, File No. 001-00707)
B-5	Articles of Incorporation of Great Plains Power Incorporated (filed on Form SE)
B-6	Bylaws dated February 6, 2001 of Great Plains Power Incorporated (filed on Form SE)
B-7	Articles of Incorporation as amended February 4, 2000 of Kansas City Power & Light Receivables Company (filed on Form SE)
B-8	Bylaws of Kansas City Power & Light Receivables Company (filed on Form SE)
B-9	Amended and Restated Certificate of Incorporation dated December 30, 1993 of Wolf Creek Nuclear Operating Corporation (filed on Form SE)
B-10	Bylaws as amended December 1, 1993 of Wolf Creek Nuclear Operating Corporation (filed on Form SE)
B-11	Certificate of Amendment to Articles of Incorporation of Home Service Solutions Inc. (filed on Form SE)
B-12	Bylaws dated May 7, 1998 of Home Service Solutions, Inc. (filed on Form SE)
B-13	Certificate of Amendment to Articles of Incorporation of Worry Free Service, Inc. (filed on Form SE)
B-14	Bylaws dated January 29, 1997 of Worry Free Service, Inc.

Exhibit Designation	Description of Exhibit
B-15	Certificate of Incorporation dated May 22, 1998 of R.S. Andrews Enterprises, Inc. (filed on Form SE)
B-16	Bylaws of R.S. Andrews Enterprises, Inc. (filed on Form SE)
B-17	Articles of Incorporation as amended July 31, 1998 of R.S. Andrews Termite & Pest Control, Inc. (filed on Form SE)
B-18	Bylaws of R.S. Andrews Termite & Pest Control, Inc. (filed on Form SE)
B-19	Articles of Incorporation of R.S. Andrews Enterprises of Alabama, Inc. (filed on Form SE)
B-20	Bylaws of R.S. Andrews Enterprises of Alabama, Inc. (filed on Form SE)
B-21	Articles of Incorporation of R.S. Andrews Enterprises of Charleston, Inc. (filed on Form SE)
B-22	Bylaws of R.S. Andrews Enterprises of Charleston, Inc. (filed on Form SE)
B-23	Articles of Incorporation of R.S. Andrews Enterprises of Columbus, Inc. (filed on Form SE)
B-24	Bylaws of R.S. Andrews Enterprises of Columbus, Inc. (filed on Form SE)
B-25	Articles of Incorporation of R.S. Andrews Enterprises of Dallas, Inc. (filed on Form SE)
B-26	Bylaws of R.S. Andrews Enterprises of Dallas, Inc. (filed on Form SE)
B-27	Articles of Incorporation of R.S. Andrews Enterprises of Kansas, Inc. (filed on Form SE)
B-28	Bylaws of R.S. Andrews Enterprises of Kansas, Inc. (filed on Form SE)
B-29	Articles of Incorporation of R.S. Andrews Enterprises of South Carolina, Inc. (filed on Form SE)
B-30	Bylaws of R.S. Andrews Enterprises of South Carolina, Inc. (filed on Form SE)
B-31	Articles of Incorporation of R.S. Andrews of Chattanooga, Inc. (filed on Form SE)
B-32	Bylaws of R.S. Andrews of Chattanooga, Inc. (filed on Form SE)
B-33	Articles of Incorporation of R.S. Andrews of Fairfax, Inc. (filed on Form SE)
B-34	Bylaws of R.S. Andrews of Fairfax, Inc. (filed on Form SE)
B-35	Articles of Incorporation of R.S. Andrews of Maryland, Inc. (filed on Form SE)
B-36	Bylaws of R.S. Andrews of Maryland, Inc. (filed on Form SE)
B-37	Articles of Incorporation of R.S. Andrews Services, Inc. (filed on Form SE)
B-38	Bylaws of R.S. Andrews Services, Inc. (filed on Form SE)

Exhibit Designation	Description of Exhibit
B-39	Articles of Incorporation of R.S. Andrews of Stuart II, Inc. (filed on Form SE)
B-40	Bylaws of R.S. Andrews of Stuart II, Inc. (filed on Form SE)
B-41	Articles of Incorporation of R.S. Andrews of Tidewater, Inc. (filed on Form SE)
B-42	Bylaws of R.S. Andrews of Tidewater, Inc. (filed on Form SE)
B-43	Articles of Incorporation of R.S. Andrews of Wilmington, Inc. (filed on Form SE)
B-44	Bylaws of R.S. Andrews of Wilmington, Inc. (filed on Form SE)
B-45	Articles of Incorporation of R.S. Andrews of Jonesboro, Inc. (filed on Form SE)
B-46	Bylaws of R.S. Andrews of Jonesboro, Inc. (filed on Form SE)
B-47	Articles of Incorporation of R.S. Andrews Enterprises of Virginia, Inc. (filed on Form SE)
B-48	Bylaws of R.S. Andrews Enterprises of Virginia, Inc. (filed on Form SE)
B-49	Articles of Incorporation of R.S. Andrews Enterprises of Tennessee, Inc. (filed on Form SE)
B-50	Bylaws of R.S. Andrews Enterprises of Tennessee, Inc. (filed on Form SE)
B-51	Amended and Restated Articles of Incorporation of Premier Service Systems, Inc. (filed on Form SE)
B-52	Articles of Dissolution of Premier Service Systems, Inc. dated December 31, 2001 (filed on Form SE)
B-53	Bylaws of Premier Service Systems, Inc. (filed on Form SE)
B-54	Articles of Incorporation of RSA Services of Florida, Inc. (filed on Form SE)
B-55	Articles of Dissolution of RSA Services of Florida, Inc. dated December 31, 2001 (filed on Form SE)
B-56	Articles of Incorporation of R.S. Andrews of DeSoto, Inc. (filed on Form SE)
B-57	Articles of Dissolution of R.S. Andrews of DeSoto, Inc. dated December 31, 2001 (filed on Form SE)
B-58	Articles of Incorporation of R.S. Andrews Enterprises of Florida, Inc. (filed on Form SE)
B-59	Articles of Incorporation of R.S. Andrews of Grapevine, Inc.
B-60	Articles of Dissolution of R.S. Andrews of Grapevine, Inc. dated December 31, 2001 (filed on Form SE)
B-61	Articles of Incorporation of R.S. Andrews Home Warranty of Florida, Inc. (filed on Form SE)

Exhibit
Designation

Description of Exhibit

B-62	Articles of Dissolution of R.S. Andrews Home Warranty of Florida, Inc. dated December 31, 2001 (filed on Form SE)
B-63	Articles of Incorporation of R.S. Andrews Home Warranty of Texas, Inc. (filed on Form SE)
B-64	Articles of Dissolution of R.S. Andrews Home Warranty of Texas, Inc. dated December 31, 2001 (filed on Form SE)
B-65	Articles of Incorporation of R.S. Andrews of Orlando, Inc. (filed on Form SE)
B-66	Articles of Dissolution of R.S. Andrews of Orlando, Inc. dated December 31, 2001 (filed on Form SE)
B-67	Articles of Incorporation of R.S. Andrews of Palm Beach, Inc. (filed on Form SE)
B-68	Bylaws of R.S. Andrews of Palm Beach, Inc. (filed on Form SE)
B-69	Articles of Incorporation of R.S. Andrews of Sacramento, Inc. (filed on Form SE)
B-70	Articles of Dissolution of R.S. Andrews of Sacramento, Inc. dated December 31, 2001 (filed on Form SE)
B-71	Articles of Incorporation of R.S. Andrews Showcase of Atlanta, Inc. (filed on Form SE)
B-72	Articles of Dissolution of R.S. Andrews Showcase of Atlanta, Inc. dated December 31, 2001 (filed on Form SE)
B-73	Articles of Incorporation of R.S. Andrews of Florida, Inc. (filed on Form SE)
B-74	Bylaws of R.S. Andrews of Florida, Inc. (filed on Form SE)
B-75	Articles of Incorporation of R.S. Andrews of Grand Prairie, Inc. (filed on Form SE)
B-76	Articles of Incorporation of R.S. Andrews of Stuart I, Inc. (filed on Form SE)
B-77	Articles of Dissolution of R.S. Andrews of Stuart I, Inc. dated December 31, 2001 (filed on Form SE)
B-78	Bylaws of R.S. Andrews of Stuart I, Inc. (filed on Form SE)
B-79	Articles of Incorporation of R.S. Andrews Enterprises of Topeka, Inc. (filed on Form SE)
B-80	Articles of Dissolution of R.S. Andrews Enterprises of Topeka, Inc. dated December 31, 2001 (filed on Form SE)
B-81	Articles of Incorporation of R.S. Andrews of Vero Beach, Inc. (filed on Form SE)
B-82	Articles of Dissolution of R.S. Andrews of Vero Beach, Inc. dated December 31, 2001 (filed on Form SE)
B-83	Articles of Incorporation, with amendments, of KLT Inc. (filed on Form SE)

Exhibit Designation	Description of Exhibit
B-84	Bylaws of KLT Inc., as amended through February 12, 2001 (filed on Form SE)
B-85	Amended Articles Accepting Close Corporation Law dated May 22, 2000 of KLT Investments Inc. (filed on Form SE)
B-86	Amended and Restated Bylaws of KLT Investments Inc. (filed on Form SE)
B-87	Amended Articles Accepting Close Corporation Law dated May 31, 2000 of KLT Investments II Inc. (filed on Form SE)
B-88	Amended and Restated Bylaws of KLT Investments II Inc.
B-89	Certificate of Incorporation dated April 25, 1997 of Energetechs, Inc. (filed on Form SE)
B-90	Bylaws of Energetechs, Inc. (filed on Form SE)
B-91	Amended Articles Accepting Close Corporation Law dated May 19, 2000 of KLT Energy Services Inc. (filed on Form SE)
B-92	Bylaws of KLT Energy Services Inc., as amended through July 3, 2000 (filed on Form SE)
B-93	Certification of Formation, with amendments, of Custom Energy Holdings, LLC (filed on Form SE)
B-94	Amended and Restated Limited Liability Company Agreement dated December 31, 1999 of Custom Energy Holdings, LLC (filed on Form SE)
B-95	Certificate of Formation dated September 24, 1998 of Strategic Energy, LLC (filed on Form SE)
B-96	Amended and Restated Limited Liability Company Agreement of Strategic Energy, LLC (filed on Form SE)
B-97	Amended Articles Accepting Close Corporation Law dated May 31, 2000 of KLT Gas Inc. (filed on Form SE)
B-98	Amended and Restated Bylaws of KLT Gas Inc. (filed on Form SE)
B-99	Certificate of Formation dated December 19, 1995 of Apache Canyon Gas, LLC (filed on Form SE)
B-100	Amended and Restated Operating Agreement dated March 17, 1999 of Apache Canyon Gas, LLC (filed on Form SE)
B-101	Articles of Incorporation, with amendments, of Far Gas Acquisition Corporation (filed on Form SE)
B-102	Amended and Restated Bylaws of Far Gas Acquisition Corporation (filed on Form SE)
B-103	Certificate of Formation dated May 31, 2001 of Forest City, LLC (filed on Form SE)

Exhibit Designation	Description of Exhibit
B-104	Limited Liability Company Agreement dated May 31, 2001 of Forest City, LLC (filed on Form SE)
B-105	Certificate of Formation of Forest City Gathering, LLC (filed on Form SE)
B-106	Limited Liability Company Agreement dated August 3, 2001 of Forest City Gathering, LLC (filed on Form SE)
B-107	Articles of Incorporation for a Close Corporation dated May 20, 1999 of KLT Gas Operating Company (filed on Form SE)
B-108	Bylaws of KLT Gas Operating Company (filed on Form SE)
B-109	Certificate of Limited Liability Company of Patrick KLT Gas, LLC (filed on Form SE)
B-110	Members Agreement/Operating Agreement of Patrick KLT Gas, LLC (filed on Form SE)
B-111	Amended Articles Accepting Close Corporation Law dated May 19, 2000 of KLT Telecom Inc. (filed on Form SE)
B-112	Amended and Restated Bylaws of KLT Telecom Inc. (filed on Form SE)
B-113	Certificate of Incorporation, with amendments, of Advanced Measurement Solutions, Inc. (filed on Form SE)
B-114	Bylaws dated June 5, 1997 of Digital Systems Engineering, Inc. (now known as Advanced Measurement Solutions, Inc.) (filed on Form SE)
B-115	Certificate of Organization Limited Liability Company dated May 12, 1998 of Copier Solutions, LLC (filed on Form SE)
B-116	Operating Agreement dated June 2, 1998 of Copier Solutions, LLC (filed on Form SE)
B-117	Restated Certificate of Incorporation dated February 12, 1999 of eChannel, Inc. (filed on Form SE)
B-118	Certificate of Formation, with amendments, of Municipal Solutions, Inc. (filed on Form SE)
B-119	Limited Liability Company Agreement dated January 9, 1997 of Municipal Solutions, LLC (filed on Form SE)
B-120	Certificate of Formation, with amendments, of Telemetry Solutions, LLC (filed on Form SE)
B-121	Limited Liability Company Agreement dated January 9, 1997 of Telemetry Solutions, LLC (filed on Form SE)
B-122	Certificate of Organization Limited Liability Company dated August 17, 2000 of Globalutilityexchange.com, LLC (filed on Form SE)
B-123	Restated Articles of Incorporation dated April 16, 1998 of DTI Holdings, Inc. (filed on Form SE)

Exhibit Designation	Description of Exhibit
B-124	Bylaws of DTI Holdings, Inc., as amended through April 19, 2001 (filed on Form SE)
B-125	Second Restated Articles of Incorporation dated April 16, 1998 of Digital Teleport, Inc. (filed on Form SE)
B-126	Bylaws of Digital Teleport, Inc., as amended through April 19, 2001 (filed on Form SE)
B-127	Articles of Organization dated October 31, 2001 of Digital Teleport Nationwide, LLC (filed on Form SE)
B-128	Articles of Incorporation dated September 18, 1998 of Digital Teleport of Virginia, Inc. (filed on Form SE)
B-129	Bylaws of Digital Teleport of Virginia, Inc. (filed on Form SE)
B-130*	Shareholders Agreement among DTI Holdings, Inc., Richard D. Weinstein and KLT Telecom Inc. dated February 6, 2001 (Exhibit 10.31 to DTI Holdings, Inc. Form 10-Q for the quarter ended March 31, 2001, File No. 333-50049)
B-131*	Purchase Agreement by and between DTI Holdings, Inc. and the Initial Purchasers named therein, dated as of February 13, 1998 (Exhibit 10.30 to the DTI Holdings, Inc. S-4, File No. 333-50049)
B-132*	Warrant Agreement by and between DTI Holdings, Inc. and The Bank of New York, as Warrant Agent, dated February 23, 1998 (Exhibit 4.3 to the DTI Holdings, Inc. S-4, File No. 333-50049)
B-133*	Warrant Registration Rights Agreement by and among DTI Holdings, Inc. and the Initial Purchasers named therein, dated February 23, 1998 (Exhibit 4.4 to the DTI Holdings, Inc. S-4, File No. 333-50049)
B-134*	Warrant agreement, by and among Digital Teleport, Inc. and Banque Indosuez expiring October 21, 2007 (Exhibit 4.13 to DTI Holdings, Inc. Annual Report on Form 10K for the period ended June 30, 2000, File No. 333-50049)
B-135*	Long-Term Incentive Award Plan of DTI Holdings, Inc. (Exhibit 2.2 to the DTI Holdings, Inc. S-4, File No. 333-50049)
B-136*	DTI Holdings, Inc. 2001 Stock Option Plan (Exhibit 10.32 to the DTI Holdings, Inc. Form 10-Q for the quarter ended March 31, 2001, File No. 333-50049)
B-137*	Amended DTI Holdings, Inc. 2001 Stock Option Plan (Exhibit 10.35 to the DTI Holdings, Inc. Form 10-Q for the quarter ended June 30, 2001, File No. 333-50049)
B-138*	Great Plains Energy Incorporated Long-Term Incentive Plan (Exhibit 28 to Registration Statement, Registration 33-42187)
B-139*	Great Plains Energy Annual Incentive Compensation Plan, dated February 2001 (Exhibit 10-c to Form 10-K for the year ended December 31, 2000, File No. 1-707)

Exhibit Designation	Description of Exhibit
C-1*	General Mortgage and Deed of Trust dated as of December 1, 1986, between KCP&L and UMB Bank, n.a. (formerly United Missouri Bank) of Kansas City, N.A., Trustee (Exhibit 4-bb to Form 10-K for the year ended December 31, 1986, File No. 001-00707)
C-2*	Fourth Supplemental Indenture dated as of February 15, 1992, to Indenture dated as of December 1, 1986 (Exhibit 4- y to Form 10-K for year ended December 31, 1991, File No. 001-00707)
C-3*	Fifth Supplemental Indenture dated as of September 15, 1992, to Indenture dated as of December 1, 1986 (Exhibit 4- a to Form 10-Q for the quarter ended September 30, 1992, File No. 001-00707)
C-4*	Sixth Supplemental Indenture dated as of November 1, 1992, to Indenture dated as of December 1, 1986 (Exhibit 4-z to Registration Statement, Registration No. 33-54196)
C-5*	Seventh Supplemental Indenture dated as of October 1, 1993, to Indenture dated as of December 1, 1986 (Exhibit 4- a to Form 10-Q for the quarter ended September 30, 1993, File No. 001-00707)
C-6*	Eighth Supplemental Indenture dated as of December 1, 1993, to Indenture dated as of December 1, 1986 (Exhibit 4 to Registration Statement, Registration No. 33-51799)
C-7*	Ninth Supplemental Indenture dated as of February 1, 1994, to Indenture dated as of December 1, 1986 (Exhibit 4-h to Form 10-K for year ended December 31, 1993, File No. 001-00707)
C-8*	Tenth Supplemental Indenture dated as of November 1, 1994, to Indenture dated as of December 1, 1986 (Exhibit 4-I to Form 10-K for year ended December 31, 1994, File No. 001-00707)
C-9*	Indenture for Medium-Term Note Program dated as of February 15, 1992, between KCP&L and The Bank of New York (Exhibit 4-bb to Registration Statement, Registration No. 33-45736)
C-10*	Indenture for Medium-Term Note Program dated as of November 15, 1992, between KCP&L and The Bank of New York (Exhibit 4-aa to Registration Statement, Registration No. 33-54196)
C-11*	Indenture for Medium-Term Note Program dated as of November 17, 1994, between KCP&L and The Bank of New York (Exhibit 4-s to Form 10-K for year ended December 31, 1994, File No. 001-00707)
C-12*	Indenture for Medium-Term Note Program dated as of December 1, 1996, between KCP&L and The Bank of New York (Exhibit 4 to Registration Statement, Registration No. 333-17285)
C-13*	Amended and Restated Declaration of Trust of KCP&L Financing I dated April 15, 1997 (Exhibit 4-a to Form 10-Q for quarter ended March 31, 1997, File No. 001-00707)
C-14*	Indenture dated as of April 1, 1997 between the Company and The First National Bank of Chicago, Trustee (Exhibit 4-b to Form 10-Q for quarter ended March 31, 1997, File No. 001-00707)

Exhibit Designation	Description of Exhibit
C-15*	First Supplemental Indenture dated as of April 1, 1997 to the Indenture dated as of April 1, 1997 between the Company and The First National Bank of Chicago, Trustee (Exhibit 4-c to Form 10-Q for quarter ended March 31, 1997, File No. 001-00707)
C-16*	Indenture dated as of December 1, 2000, between Kansas City Power & Light Company and The Bank of New York (Exhibit 4-a to Report on Form 8-K dated December 18, 2000, File No. 001-00707)
C-17*	Purchase and Sale Agreement dated October 29, 1999 between KCP&L and Kansas City Power & Light Receivables Company (Exhibit 10-m to Form 10-K for year ended December 31, 1999, File No. 001-00707)
C-18*	Mandatorily Redeemable Preferred Securities (8.3%) dated November 1, 1997 by Kansas City Power & Light Company (Form 10-Q dated May 9, 1997, File No. 001-00707)
C-19*	Amended and Restated Lease dated as of October 12, 2001 between Kansas City Power & Light Company and Wells Fargo Bank Northwest, National Association (Exhibit C-26 to Form 10-K for year ended December 31, 1999, File No. 001-00707)
C-20*	Indenture by and between DTI Holdings, Inc. and The Bank of New York, as Trustee, for 12 1/2% Senior Discount Notes due 2008, dated February 23, 1998 (Exhibit 4.1 to DTI Holdings, Inc. S-4, File No. 333-50049)
D-1	Tax Allocation Agreement among Great Plains Energy Incorporated and subsidiaries, dated as of October 1, 2001
D-2	Amendment to Tax Allocation Agreement among Great Plains Energy Incorporated and subsidiaries, effective as of October 1, 2001
E-1	KCP&L Employee Electrical Appliance and Computer Sales Program (filed on Form SE)
E-2	KCP&L Residential Heating and Cooling Systems Program (filed on Form SE)
F-1	The consent of the independent accountants as to their opinion on the consolidated financial statements and the footnotes of Great Plains Energy Incorporated and Subsidiaries for the year ended December 31, 2001 is included in Exhibit F-1.
F-2	The consent of the independent accountants as to their opinion on the financial statements of DTI Holdings, Inc. and Subsidiaries for the year ended December 31, 2001 is included in Exhibit F-2.
F-3	Consolidating Financial Statements of Great Plains Energy Incorporated for the year ended December 31, 2001. (Filed pursuant to Rule 104(b)).
F-4	Consolidating Financial Statements of KLT Inc. for the year ended December 31, 2001. (Filed pursuant to Rule 104(b)).
F-5	Consolidating Financial Statements of KLT Energy Services Inc. for the year ended December 31, 2001. (Filed pursuant to Rule 104(b)).
F-6	Consolidating Financial Statements of KLT Telecom Inc. for the year ended December 31, 2001. (Filed pursuant to Rule 104(b)).

Exhibit
Designation

Description of Exhibit

- F-7 Consolidating Financial Statements of KLT Gas Inc. for the year ended December 31, 2001. (Filed pursuant to Rule 104(b)).
- F-8 Consolidating Financial Statements of Home Service Solutions Inc. for the year ended December 31, 2001. (Filed pursuant to Rule 104(b)).
- F-9 Classified plant accounts and related depreciation or amortization reserve schedules included in the FERC Form No.1 of KCP&L. (Filed on Form SE)
- F-10 Financial Statements of Kansas City Power & Light Receivables Company for the year ended December 31, 2001. (Filed pursuant to Rule 104(b)).
- F-11 Annual Report of Wolf Creek Nuclear Operating Corporation for the year ended December 31, 2001. (Filed on Form SE)
- F-12 The chart of accounts of KLT Inc. and its subsidiaries as of December 31, 2001 (pursuant to Rule 26 (b)). (Filed on Form SE)
- F-13 The chart of accounts of R.S. Andrews Enterprises Inc. and its subsidiaries as of December 31, 2001 (pursuant to Rule 26 (b)). (Filed on Form SE)

SIGNATURE

Great Plains Energy Incorporated, a registered holding company, has duly caused this annual report for the year ended December 31, 2001, to be signed on its behalf by the undersigned thereunto duly authorized, pursuant to the requirements of the Public Utility Holding Company Act of 1935.

Great Plains Energy Incorporated

/s/ Andrea F. Bielsker
Andrea F. Bielsker

Vice President - Finance,
Chief Financial Officer and
Treasurer

April 30, 2002

TAX ALLOCATION AGREEMENT
AMONG
GREAT PLAINS ENERGY INCORPORATED
AND SUBSIDIARIES

This Tax Allocation Agreement ("Agreement") is entered into as of October 1, 2001, by and among Great Plains Energy Incorporated ("GPE"), Kansas City Power & Light Company, Great Plains Power Incorporated, Home Service Solutions Inc., Worry Free Services, Inc., KLT Inc., KLT Investments Inc., KLT Investments II Inc., KLT Energy Services Inc., KLT Gas Inc., KLT Telecom Inc., Energetechs, Inc., Advanced Measurement Solutions, Inc., FAR Gas Acquisitions Corporation, KLT Gas Operating Company, WYMO Fuels, Inc., DTI Holdings, Inc., Digital Teleport, Inc., Digital Teleport of Virginia, Inc. and Kansas City Power & Light Receivables Company (collectively, the "members of Group" or "Group" and individually "member of the Group" or "member").

WITNESSETH:

Whereas, the members of the Group are affiliated corporations within the meaning of section 1504 of the Internal Revenue Code of 1986, as amended (the "Code"), and will join in the annual filing of a consolidated federal income tax return, and

Whereas, the members of the Group intend to allocate the consolidated income tax liabilities and benefits to each member of the Group in a fair and equitable manner, and

Whereas, the members of the Group intend to allocate the liabilities and benefits arising from the Group's annual consolidated income tax returns in compliance with 17 CFR 250.45(c) ("Rule 45(c)", 26 CFR 1.1502-33(d)(2) and Section 1552(a)(1) of the Code.

NOW, THEREFORE; the parties agree as follows:

1. DEFINITIONS

"Consolidated tax" is the aggregate current Federal income tax liability for a tax year, being the tax shown on the consolidated Federal income tax return and any adjustments thereto.

"Corporate taxable income" is the taxable income of a member of the Group for a tax year, computed as though such member had filed a separate return on the same basis as used in the consolidated return, except that dividend income from associate companies shall be disregarded, and other intercompany transactions eliminated in the consolidated return shall be given appropriate effect.

"Corporate taxable loss" is the taxable loss of a member of the Group for a tax year, computed as though such member had filed a separate return on the same basis as used in the consolidated return, except that dividend income from associate companies shall be disregarded, and other intercompany transactions eliminated in the consolidated return shall be given appropriate effect.

1

"Separate return tax" is the tax on the corporate taxable income of a member of the Group computed as though such company were not a member of a consolidated group. If the separate return tax of a member of the Group is a liability, it shall be referred to as a "positive separate return tax"; if it is a refund or net tax benefit, it shall be referred to as a "negative separate return tax".

2. ALLOCATION OF TAX LIABILITY

The consolidated tax shall be allocated among the members of the Group consistent with Rule 45(c) of the Public Utility Holding Company Act of 1935, in the following manner:

- a. The consolidated tax before tax credits of the Group will be allocated to each member of the Group with corporate taxable income before tax credits on the basis of the ratio of their corporate taxable income before tax credits to the total of all members of the Group with corporate taxable income before tax credits.
- b. An additional amount of consolidated tax before tax credits will be allocated to each member of the Group equal to the excess, if any, of the positive separate return tax before tax credits of each member of the Group for the year over the tax liability allocated to such member under the previous paragraph.
- c. The total additional amounts of consolidated tax before tax credits allocated under this procedure will be credited to those members of the Group, excluding GPE, which had corporate taxable losses, deductions or tax credits which serve to reduce the consolidated tax. Thus, these members will be given the benefits of the resulting reduction in the consolidated tax of the Group.
- d. If GPE would have a negative separate return tax, then each member having a positive separate return tax shall receive a negative allocation in an amount equal to such negative separate return tax multiplied by that member's share of the sum of the positive

separate return tax.

- e. An allocation of the Alternative Minimum Tax ("AMT") will only be performed when the consolidated return reflects an AMT liability. In computing the allocation of the AMT, the same computation methodology utilized in allocating the regular income tax will be utilized. The consolidated AMT liability will be allocated to each member of the Group with positive Alternative Minimum Taxable Income ("AMTI") on the basis of the ratio of its AMTI to the total of all members of the Group with positive AMTI. An additional amount of AMT will be allocated to each member of the Group based on the excess, if any, of the AMT liability that would have been paid had the member of the Group filed a separate tax return for the year over the AMT liability allocated to it under the previous provision. The total additional amounts of AMT charged under this provision will be allocated to each member of the Group based on the ratio of its separate return AMTI to the total AMTI of the members of the Group. In no event shall a member of the Group be required to pay a

greater amount of AMT for any period than it would have been required to pay had it filed a separate income tax return for the period. Any excess of the consolidated AMT allocated to a member of the Group under this method over its separate return AMT will be allocated among the other members of the Group using the methodology described above. Any minimum tax credits available for use in future periods will be allocated to the members of the Group in the same ratio as the taxes which gave rise to the credits. Minimum Tax Credits used in the consolidated return will be deemed to have been utilized on a first-in, first-out basis.

- f. Any investment tax credits, other tax benefits and material items taxed at rates other than the rate applicable to corporate taxable income shall be allocated directly to the members of the Group giving rise to them.

If the credit or benefit cannot be entirely utilized to offset current consolidated tax, the consolidated credit carry back or carry forward shall be apportioned to those members of the Group giving rise to them in proportion to the relative amounts of credits or benefits generated by each such member of the Group.

- g. If the amount of consolidated tax allocated to any member of the Group, excluding GPE, exceeds the separate return tax of such member of the Group, such excess shall be reallocated among those members of the Group whose allocated tax liability is less than the amount of their respective separate return tax liabilities. Any remaining unallocated tax liability shall be assigned to GPE.

- h. Pursuant to that certain Shareholders Agreement dated as of February 6, 2001, among KLT Telecom Inc., DTI Holdings, Inc. and Richard D. Weinstein, the net operating losses incurred after February 8, 2001 by DTI Holdings, Inc., Digital Teleport, Inc. and Digital Teleport of Virginia, Inc. (each an "Excluded Company") shall be allocated to and used by KLT Telecom Inc., except to the extent the Excluded Companies would otherwise have corporate taxable income in the same tax year in which the members of the Group use such net operating losses. KLT Telecom Inc. and the Excluded Companies acknowledge that the Shareholders Agreement does not provide for, and does not contemplate, reimbursement of any loss or credit availed of by KLT Telecom Inc. or other members of the Group, and that such was part of the bargained-for consideration to be received by KLT Telecom Inc. in the transactions associated with the execution of the Shareholders Agreement. Accordingly, the income, gain, loss, deductions and credits of each of the Excluded Companies shall be taken into account in the determination of KLT Telecom Inc.'s apportioned obligation for the consolidated income tax under this Agreement, and payments on account thereof shall solely be made between GPE and KLT Telecom Inc. The obligations between KLT Telecom Inc. and the Excluded Companies shall be controlled by the Shareholders Agreement, and payments shall be made among such parties in accordance with such agreement and consistent with this Agreement.

Subsequent to the execution of the Shareholders Agreement, KLT Telecom Inc. and the Excluded Companies became subsidiaries of GPE, a registered holding company. The terms and conditions of Shareholders Agreement respecting tax allocations may be deemed inconsistent with the requirements of Rule 45(c)(4), and KLT Telecom Inc., the Excluded Companies and the other members of the Group agree to seek any necessary Securities and Exchange Commission authorization to allocate tax losses and credits as set forth in the first paragraph of this Section h. Notwithstanding anything in the first paragraph of this Section h. to the contrary, if required by Rule 45(c)(4) and only to the extent required under Rule 45(c)(4) the following paragraph shall be effective until such authorization is received:

If an Excluded Company will not have a positive separate return tax for a tax year, such Excluded Company shall be excluded from the allocation of the consolidated tax liability and, thus, such Excluded Company shall not receive any payment from KLT Telecom Inc. as a result of any such loss or credit attributable to an Excluded Company. If and when an Excluded Company would have been able to utilize any previous losses or credits if, under the applicable tax law, it had filed a tax return on a separate basis, KLT Telecom Inc. shall pay to the appropriate Excluded Company an amount equal to the refund which such Excluded Company would have realized as a result of the carry over of such loss or credit, with such amount payable by KLT Telecom Inc. in the year in which such Excluded Company would have received the refund for such loss or credit on a separate return basis.

If any amounts are deemed payable by KLT Telecom Inc. to an Excluded Company pursuant to the preceding paragraph, the Excluded Companies shall be deemed to have distributed any such amounts to KLT Telecom Inc., to the extent any such amounts may properly be distributed to KLT Telecom Inc. under state and Federal law.

- i. In the event a corporation leaves the Group, it shall immediately cease being a party to this Agreement and shall not be entitled to any further payments or other benefits pursuant to this Agreement.

3. PAYMENT OF TAXES

- a. Payment of the taxes for the period by each member of the Group will represent the total taxes allocated to such member under the principles described above. These payments will be made no less frequently than annually and no more frequently than quarterly in connection with the estimated tax installments.
- b. A member of the Group with a net positive allocation shall pay GPE the net amount allocated. A member of the Group with a net negative allocation shall receive payment from GPE in the amount of the net negative allocation. GPE shall pay or cause to be paid to the Internal Revenue Service the Group's net current federal income tax

liability from the net of the receipts and payments to and from members of the Group.

- c. GPE will make any calculations on behalf of the members of the Group necessary to comply with the estimated tax provisions of Section 6655 of the Code. Based on such calculations, GPE shall charge the members of the Group appropriate amounts at intervals consistent with the dates in that section.

4. TAX ADJUSTMENTS

If the consolidated tax liability is adjusted for any taxable period, whether by means of an amended return, claim for refund, after a tax examination by the Internal Revenue Service or otherwise, the liability of each member of the Group shall be recomputed to give effect to such adjustments. In the case of a refund, GPE shall reimburse each member of the Group with its allocable share of such refund within forty-five (45) business days of receipt of such refund. In the case of an increase in tax liability, each member of the Group shall pay to GPE its allocable share of such increased tax liability within forty-five (45) business days after receiving notice of such liability from GPE.

5. INTER-PERIOD ADJUSTMENTS

If for any taxable year the Group has a net operating loss, a net capital loss, or is entitled to any credits against tax that may be carried back or forward to other year(s), the tax allocation for the other year(s) will be recomputed to include these items. This recomputation shall treat the item as if it existed in the year to which it was carried. Under this recomputation, the regular income tax, tax credits, and alternative minimum tax will be recomputed. Any prior allocation and payment of taxes between the members of the Group shall be adjusted according to this revised computation.

6. TERM OF AGREEMENT

This Agreement shall apply to the taxable year ending December 2001, and all subsequent taxable periods unless the members of the Group agree to terminate this Agreement. Notwithstanding such termination, this Agreement shall continue in effect with respect to any payments or refunds due for all taxable periods prior to termination. This Agreement may be amended from time to time by the written consent of all members of the Group.

7. INCLUSION OF ACQUIRED OR CREATED SUBSIDIARY

The members of the Group will cause any corporation which becomes an affiliated corporation within the meaning of Section 1504 of the Code to join in this Agreement.

8. BINDING EFFECT

This Agreement shall be binding upon and inure to the benefit of any successor to a member of the Group, whether by statutory merger, acquisition of assets or otherwise, to the same extent that the successor would have been required or eligible to be an original party to the agreement.

9. CHOICE OF LAWS

This Agreement shall be construed and enforced in accordance with the laws of the State of Missouri, without giving effect to that State's conflict of laws provisions.

10. PRIOR AGREEMENTS SUPERSEDED

This Agreement replaces and supersedes all prior agreements among the members of the Group related to the subject matter hereof, including but not limited to that certain Tax Sharing Agreement between Kansas City Power & Light Company and Subsidiaries, dated as of March 31, 1994, as amended.

IN WITNESS WHEREOF, the parties have signed this Agreement as of the first above written.

Great Plains Energy Incorporated Great Plains Power Incorporated

By /s/ B. J. Beaudoin By /s/ Stephen T. Easley

Kansas City Power & Light Company Home Service Solutions, Inc.

By /s/ B. J. Beaudoin By /s/ John DeStefano

KLT Inc. KLT Energy Services Inc.

By /s/ Gregory J. Orman By /s/ Gregory J. Orman

KLT Investments Inc.

By /s/ James P. Gilligan

KLT Investments II Inc.

By /s/ Gregory J. Orman

Worry Free Services, Inc.

By /s/ John DeStefano

FAR Gas Acquisitions Corporation

By /s/ B. B. Selkirk
Bruce B. Selkirk
President

Digital Teleport, Inc.

By /s/ Gary W. Douglass

Energetechs, Inc.

By /s/ D. M. Morgan

Kansas City Power & Light Receivables
Company

By /s/ Andrea F. Bielsker

KLT Gas Inc.

By /s/ B. B. Selkirk
Bruce B. Selkirk
President

KLT Telecom Inc.

By /s/ Mark R. Schroeder

KLT Gas Operating Company

By /s/ B. B. Selkirk
Bruce B. Selkirk
President

DTI Holdings, Inc.

By /s/ Gary W. Douglass

Digital Teleport of Virginia, Inc.

By /s/ Gary W. Douglass

WYMO Fuels, Inc.

By /s/ B. J. Beaudoin

By /s/ John J. DeStefano

By /s/ B. B. Selkirk
Bruce B. Selkirk, III

FAR Gas Acquisitions Corporation

DTI Holdings, Inc.

By /s/ B. B. Selkirk
Bruce B. Selkirk, III

By: _____

Digital Teleport, Inc.

Digital Teleport of Virginia, Inc.

By: _____

By: _____

Energetechs, Inc.

WYMO Fuels, Inc.

By /s/ Douglas M. Morgan

By /s/ B. J. Beaudoin

Kansas City Power & Light
Receivables Company

By /s/ Andrea F. Bielsker

CONSENT OF INDEPENDENT ACCOUNTANTS

We hereby consent to the incorporation by reference in this Annual Report to the Securities and Exchange Commission on Form U5S of Great Plains Energy Incorporated for the year ended December 31, 2001 filed pursuant to the Public Utility Holding Company Act of 1935 of our report dated February 5, 2002 included in its Annual Report on Form 10-K for the year ended December 31, 2001 relating to its financial statements as of December 31, 2001 and 2000 and for each of the three years in the period ended December 31 2001 and of our report dated February 5, 2002 included in the Annual Report on Form 10-K (as amended) of Kansas City Power & Light Company for the year ended December 31, 2001 relating to its financial statements as of December 31, 2001 and 2000 and for each of the three years in the period ended December 31, 2001.

/s/PricewaterhouseCoopers LLP
PricewaterhouseCoopers LLP

Kansas City, Missouri
April 29, 2002

INDEPENDENT AUDITORS' CONSENT

We consent to the incorporation by reference in this Form U5S of Great Plains Energy Incorporated of our report dated January 30, 2002 (relating to the financial statements of DTI Holdings, Inc (the "Company") and Subsidiaries not presented separately herein and which report expresses an unqualified opinion and includes explanatory paragraphs referring to the Company's filing for reorganization under Chapter 11 of the Federal Bankruptcy Code, substantial doubt about the Company's ability to continue as a going concern and an impairment charge recorded by the Company), appearing in the Annual Report on Form 10-K of Great Plains Energy Incorporated for the year ended December 31, 2001.

/s/ DELOITTE & TOUCHE LLP

St. Louis Missouri
April 29, 2002