SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

AMENDMENT NO. 1 TO

FORM U5B

Great Plains Energy Incorporated

Name of Registrant

Name, Title and Address of Officer to Whom Notices

and Correspondence Concerning This Statement

Should be Addressed:

Andrea F. Bielsker

Senior Vice President - Finance, Chief Financial Officer

and Treasurer

Great Plains Power Incorporated

1201 Walnut

Kansas City, Missouri 64106

The Registration Statement on Form U5B filed by Great Plains Energy is hereby amended as follows:

1. Exhibit A-1 to the Registration Statement on Form U5B is hereby amended as follows:

EXHIBIT A. Furnish a corporate chart showing graphically relationships existing between the registrant and all subsidiary companies thereof as of the same date as the information furnished in the answer to Item 8. The chart should show the percentage of each class of voting securities of each subsidiary owned by the registrant and by each subsidiary company.

A corporate chart of registrant and all subsidiary companies is filed as Exhibit A-1.

- 2. The Index of Exhibits is hereby amended as follows:
- A-1 Great Plains Energy Incorporated and Subsidiaries

Organization Chart as of 10/31/2001.

SIGNATURE

Pursuant to the requirements of the Public Utility Holding Company Act of 1935, the registrant has caused this registration statement to be duly signed on its behalf in the City of Kansas City and State of Missouri, on the 7th day of June, 2002.

(SEAL)

By: /s/Andrea F. Bielsker

Andrea F. Bielsker

Senior Vice President - Finance, Chief Financial

Officer and Treasurer

Attest:

By: /s/Jeanie Sell Latz

VERIFICATION

State of Missouri)
) ss.

Jeanie Sell Latz

Corporate Secretary

(Name of Registrant)

County of Clay)

The undersigned, being duly sworn deposes and says that she has duly executed the attached registration statement dated June 7, 2002, for and on behalf of Great Plains Energy Incorporated, that she is the Senior Vice President - Finance, Chief Financial Officer and Treasurer of such company and that all action by stockholders, directors, and other bodies necessary to authorize deponent to execute and file such instrument has been taken. Deponent further says that she is familiar with such instrument and the contents

thereof, and that the facts therein set forth are true to the best of her knowledge, information and belief.

By: /a/Andrea F. Bielsker

Andrea F. Bielsker

Senior Vice President - Finance, Chief Financial

Officer and Treasurer

Subscribed and sworn to before me, a notary public this 7th day of June, 2002.

(OFFICIAL SEAL)

/s/Vickie L. Flores

Notary Public

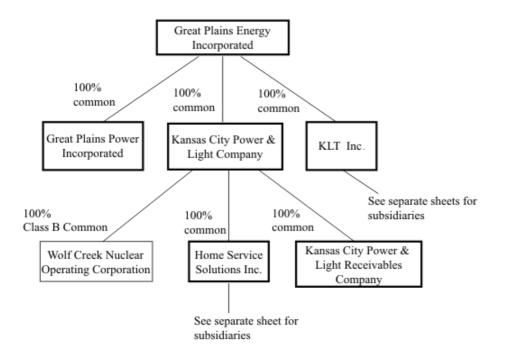
My commission expires: June 7, 2002

INDEX OF EXHIBITS INCLUDED IN AMENDMENT NO. 1

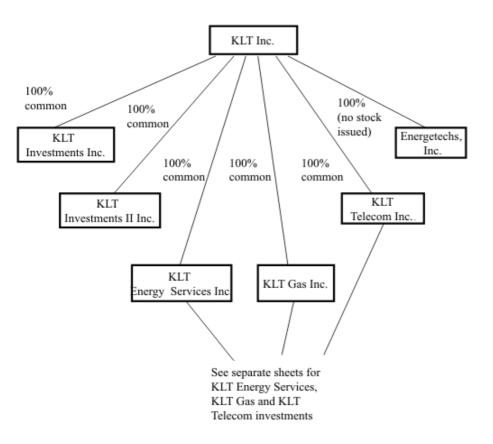
Exhibit No. Description

A-1 Great Plains Energy Incorporated and Subsidiaries Organization Chart as of 10/31/2001

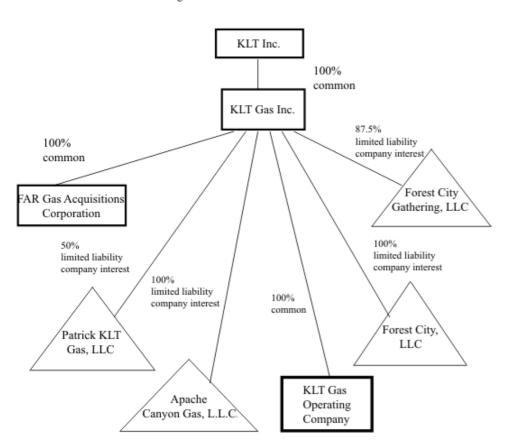
GREAT PLAINS ENERGY INCORPORATED AND SUBSIDIARIES Organization Chart as of 10/31/2001



Corporation
Corporation in
Consolidated Group
Limited Liability
Company

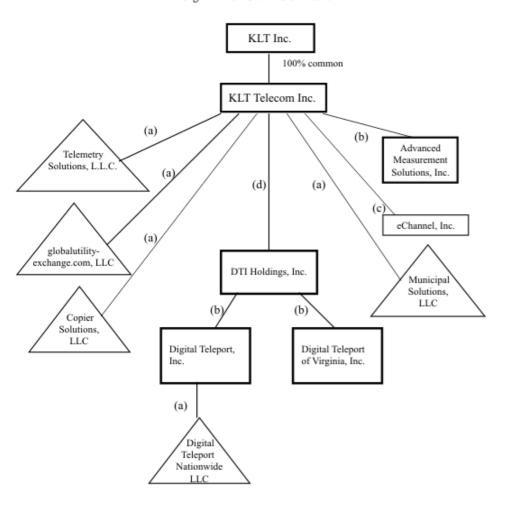


GREAT PLAINS ENERGY INCORPORATED AND SUBSIDIARIES Organization Chart as of 10/31/2001

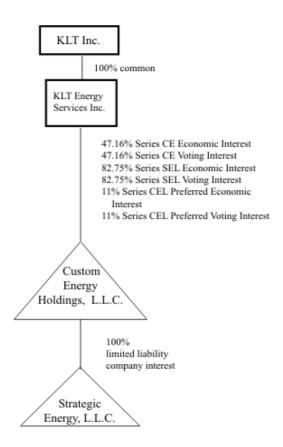


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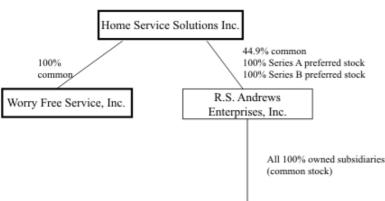
GREAT PLAINS ENERGY INCORPORATED AND SUBSIDIARIES Organization Chart as of 10/31/2001



- (a) 100% limited liability company interest
- (b) 100% common stock
- 60% Series A Preferred Stock; 100% Series B Preferred Stock (latest available information)
- (d) 100% Series A Preferred Stock; 67% common; 88.4% warrants



GREAT PLAINS ENERGY INCORPORATED AND SUBSIDIARIES Organization Chart as of 10/31/2001



RSA Services Termite & Pest Control, Inc. R.S. Andrews Showcase of Atlanta, Inc. Premier Service Systems, Inc. R.S. Andrews of Vero Beach, Inc. R.S. Andrews Enterprises of Alabama, Inc. R.S. Andrews Home Warranty of Texas, Inc. R.S. Andrews Home Warranty of Florida, Inc. R.S. Andrews Enterprises of Charleston, Inc. R. S. Andrews Enterprises of Columbus, Inc. R.S. Andrews of Dallas, Inc. R.S. Andrews of Orlando, Inc. RSA Services of Florida, Inc. R.S. Andrews Enterprises of Kansas, Inc. R.S. Andrews of Sacramento, Inc. R.S.Andrews Enterprises of South Carolina, Inc. R.S. Andrews of Grapevine, Inc. R.S. Andrews of Chattanooga, Inc. R.S. Andrews of Grand Prairie, Inc. R.S. Andrews of Fairfax, Inc. R.S. Andrews of DeSoto, Inc. R.S.Andrews of Florida, Inc. R.S. Andrews Enterprises of Tennessee, Inc. R.S. Andrews of Maryland, Inc. R.S. Andrews of Virginia, Inc. R.S. Andrews of Palm Beach, Inc. R.S. Andrews of Topeka, Inc. R.S. Andrews Services, Inc. R.S. Andrews of Jonesboro, Inc. R.S.Andrews of Stuart II, Inc. R.S. Andrews of Wilmington, Inc. R.S. Andrews of Tidewater, Inc. R.S. Andrews of Stuart I, Inc.

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