



SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

SCHEDULE 13D

Under the Securities Exchange Act of 1934

Great Plains Energy Inc.  
(Name of Issuer)

Common Stock  
(Title of Class of Securities)

60; 391164100  
(CUSIP Number)

Peter D. Goldstein  
GAMCO Investors, Inc.  
One Corporate Center  
Rye, New York 10580-1435  
(914) 921-7732  
(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

April 24, 2009  
(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box .

1 NAMES OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)  
Gabelli Funds, LLC &  
# 1 6 0 ; I.D. No. 13-4044523

2 Check the appropriate box if a member of a group (SEE INSTRUCTIONS)(a)

(b)

3 SEC USE ONLY

4 Source of funds (SEE INSTRUCTIONS)  
00-Funds of investment advisory clients

5 Check box if disclosure of legal proceedings is required pursuant to items 2 (d) or 2 (e)

6 CITIZENSHIP OR PLACE OF ORGANIZATION  
New York

NUMBER OF	: 7	SOLE VOTING POWER
SHARES	:	3,091,058 (Item 5)
BENEFICIALLY	: 8	SHARED VOTING POWER
OWNED	:	NONE
BY EACH	: 9	SOLE DISPOSITIVE POWER
REPORTING	:	3,091,058 (Item 5)
PERSON	: 10	SHARED DISPOSITIVE POWER
WITH	:	NONE

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

3,091,058 (Item 5)

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES  
(SEE INSTRUCTIONS)

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

2.59%

14 Type of reporting person (SEE INSTRUCTIONS)  
IA

**1** NAMES OF REPORTING PERSONS  
 I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)  
**GAMCO Asset Management  
 Inc.  
 4044521**

**2** Check the appropriate box if a member of a group (SEE INSTRUCTIONS)(a)

(b)

**3** SEC USE ONLY

**4** Source of funds (SEE INSTRUCTIONS)  
 00-Funds of investment advisory clients

**5** Check box if disclosure of legal proceedings is required pursuant to items 2 (d) or 2 (e)

**6** CITIZENSHIP OR PLACE OF ORGANIZATION  
 New York

NUMBER OF	: 7	SOLE VOTING POWER
SHARES	:	2,817,853 (Item 5)
BENEFICIALLY	: 8	SHARED VOTING POWER
OWNED	:	NONE
BY EACH	: 9	SOLE DISPOSITIVE POWER
REPORTING	:	2,880,762 (Item 5)
PERSON	: 10	SHARED DISPOSITIVE POWER
WITH	:	NONE

**11** AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,880,762 (Item 5)

**12** CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES  
 (SEE INSTRUCTIONS)

**13** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

2.42%

**14** Type of reporting person (SEE INSTRUCTIONS)  
 IA, CO

**1** NAMES OF REPORTING PERSONS  
 I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)  
**Teton Advisors,**  
**Inc.**  
**No. 13-4008049**

I.D.

**2** Check the appropriate box if a member of a group (SEE INSTRUCTIONS)(a)

(b)

**3** SEC USE ONLY

**4** Source of funds (SEE INSTRUCTIONS)  
**00 – Funds of investment advisory clients**

**5** Check box if disclosure of legal proceedings is required pursuant to items 2 (d) or 2 (e)

**6** CITIZENSHIP OR PLACE OF ORGANIZATION  
**Delaware**

NUMBER OF	:	<b>7</b>	SOLE VOTING POWER
	:		
SHARES	:	<b>2,140 (Item 5)</b>	
	:		
BENEFICIALLY	:	<b>8</b>	SHARED VOTING POWER
	:		
OWNED	:	<b>NONE</b>	
	:		
BY EACH	:	<b>9</b>	SOLE DISPOSITIVE POWER
	:		
REPORTING	:	<b>2,140 (Item 5)</b>	
	:		
PERSON	:	<b>10</b>	SHARED DISPOSITIVE POWER
	:		
WITH	:	<b>NONE</b>	
	:		

**11** AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

**2,140 (Item 5)**

**12** CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES  
 (SEE INSTRUCTIONS)

**13** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

**0.00%**

**14** Type of reporting person (SEE INSTRUCTIONS)  
**IA, CO**

1 NAMES OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)  
GGCP, Inc.

I.D. No. 13-3056041

2 Check the appropriate box if a member of a group (SEE INSTRUCTIONS)(a)

(b)

3 SEC USE ONLY

4 Source of funds (SEE INSTRUCTIONS)  
NONE

5 Check box if disclosure of legal proceedings is required pursuant to items 2 (d) or 2 (e)

6 CITIZENSHIP OR PLACE OF ORGANIZATION  
New York

NUMBER OF	:	7	SOLE VOTING POWER
	:		
SHARES	:	None	(Item 5)
	:		
BENEFICIALLY	:	8	SHARED VOTING POWER
	:		
OWNED	:		NONE
	:		
BY EACH	:	9	SOLE DISPOSITIVE POWER
	:		
REPORTING	:		None (Item 5)
	:		
PERSON	:	10	SHARED DISPOSITIVE POWER
	:		
WITH	:		NONE
	:		

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

None (Item 5)

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES  
(SEE INSTRUCTIONS) X

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

0.00%

14 Type of reporting person (SEE INSTRUCTIONS)  
HC, CO

1 NAMES OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)  
GAMCO Investors,  
Inc.  
4007862

I.D. No. 13-

Check the appropriate box if a member of a group (SEE INSTRUCTIONS)(a)

(b)

3 SEC USE ONLY

4 Source of funds (SEE INSTRUCTIONS)  
WC

5 Check box if disclosure of legal proceedings is required pursuant to items 2 (d) or 2 (e)

6 CITIZENSHIP OR PLACE OF ORGANIZATION  
New York

NUMBER OF	:	7	SOLE VOTING POWER
	:		
SHARES	:		None (Item 5)
	:		
BENEFICIALLY	:	8	SHARED VOTING POWER
	:		
OWNED	:		NONE
	:		
BY EACH	:	9	SOLE DISPOSITIVE POWER
	:		
REPORTING	:		None (Item 5)
	:		
PERSON	:	10	SHARED DISPOSITIVE POWER
	:		
WITH	:		NONE
	:		

11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

None (Item 5)

12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES  
(SEE INSTRUCTIONS) X

13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

0.00%

14 Type of reporting person (SEE INSTRUCTIONS)  
HC, CO

**1** NAMES OF REPORTING PERSONS  
 I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)  
 Mario J. Gabelli

**2** Check the appropriate box if a member of a group (SEE INSTRUCTIONS) (a)

(b)

**3** SEC USE ONLY

**4** Source of funds (SEE INSTRUCTIONS)  
 00 – FUNDS OF A PRIVATE ENTITY

**5** Check box if disclosure of legal proceedings is required pursuant to items 2 (d) or 2 (e)

**6** CITIZENSHIP OR PLACE OF ORGANIZATION  
 USA

NUMBER OF	: 7	SOLE VOTING POWER
	:	
SHARES	:	6,848 (Item 5)
	:	
BENEFICIALLY	: 8	SHARED VOTING POWER
	:	
OWNED	:	NONE
	:	
BY EACH	: 9	SOLE DISPOSITIVE POWER
	:	
REPORTING	:	6,848 (Item 5)
	:	
PERSON	: 10	SHARED DISPOSITIVE POWER
	:	
WITH	:	NONE
	:	

**11** AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

6,848 (Item 5)

**12** CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES  
 (SEE INSTRUCTIONS) X

**13** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

0.01%

**14** Type of reporting person (SEE INSTRUCTIONS)  
 IN



Item 1. Security and Issuer

The class of equity securities to which this statement on Schedule 13D relates is the Common Stock of Great Plains Energy Incorporated (the "Issuer"), a Missouri corporation with principal offices located at 1201 Walnut Street, Kansas City, Missouri 64106.

Item 2. Identity and Background

This statement is being filed by Mario J. Gabelli ("Mario Gabelli") and various entities which he directly or indirectly controls or for which he acts as chief investment officer. These entities engage in various aspects of the securities business, primarily as investment adviser to various institutional and individual clients, including registered investment companies and pension plans, and as general partner of various private investment partnerships. Certain of these entities may also make investments for their own accounts.

The foregoing persons in the aggregate often own beneficially more than 5% of a class of a particular issuer. Although several of the foregoing persons are treated as institutional investors for purposes of reporting their beneficial ownership on the short-form Schedule 13G, the holdings of those who do not qualify as institutional investors may exceed the 1% threshold presented for filing on Schedule 13G or implementation of their investment philosophy may from time to time require action which could be viewed as not completely passive. In order to avoid any question as to whether their beneficial ownership is being reported on the proper form and in order to provide greater investment flexibility and administrative uniformity, these persons have decided to file their beneficial ownership reports on the more detailed Schedule 13D form rather than on the short-form Schedule 13G and thereby to provide more expansive disclosure than may be necessary.

(a), (b) and (c) - This statement is being filed by one or more of the following persons: GGCP, Inc. ("GGCP"), GAMCO Investors, Inc. ("GBL"), Gabelli Funds, LLC ("Gabelli Funds"), GAMCO Asset Management Inc. ("GAMCO"), Teton Advisors, Inc. ("Teton Advisors"), Gabelli Securities, Inc. ("GSI"), Gabelli & Company, Inc. ("Gabelli & Company"), MJG Associates, Inc. ("MJG Associates"), Gabelli Foundation, Inc. ("Foundation"), MJG-IV Limited Partnership ("MJG-IV"), and Mario Gabelli. Those of the foregoing persons signing this Schedule 13D are hereafter referred to as the "Reporting Persons".

GGCP makes investments for its own account and is the controlling shareholder of GBL. GBL, a public company listed on the New York Stock Exchange, is the parent company for a variety of companies engaged in the securities business, including those named below.

GAMCO, a wholly-owned subsidiary of GBL, is an investment adviser registered under the Investment Advisers Act of 1940, as amended ("Advisers Act"). GAMCO is an investment manager providing discretionary managed account services for employee benefit plans, private investors, endowments, foundations and others.

GSI, a majority-owned subsidiary of GBL, is an investment adviser registered under the Advisers Act and serves as a general partner or investment manager to limited partnerships and offshore investment companies. As a part of its business, GSI may purchase or sell securities for its own account. It is the immediate parent of Gabelli & Company. GSI is the general partner or investment manager of a number of funds or partnerships, including Gabelli Associates Fund, Gabelli Associates Fund II, Gabelli Associates Limited, ALCE Partners, L.P., and Gabelli Multimedia Partners, L.P. GSI and Marc Gabelli own 45% and 55%, respectively, of Gabelli Securities International Limited ("GSIL"). GSIL provides investment advisory services to offshore funds and accounts. GSIL is an investment advisor of Gabelli International Gold Fund Limited, Gabelli European Partners, Ltd., and Gabelli Global Partners, Ltd. Gabelli & Company, a wholly-owned subsidiary of GSI, is a broker-dealer registered under the Securities Exchange Act of 1934, as amended ("1934 Act"), which as a part of its business regularly purchases and sells securities for its own account.

Gabelli Funds, a wholly owned subsidiary of GBL, is a limited liability company. Gabelli Funds is an investment adviser registered under the Advisers Act which presently provides discretionary managed account services for The Gabelli Equity Trust Inc., The Gabelli Asset Fund, The GAMCO Growth Fund, The Gabelli Convertible and Income Securities Fund Inc., The Gabelli Value Fund Inc., The Gabelli Small Cap Growth Fund, The Gabelli Equity Income Fund, The Gabelli ABC Fund, The GAMCO Global Telecommunications Fund, GAMCO Gold Fund, Inc., The Gabelli Global Multimedia Trust Inc., The GAMCO Global Convertible Securities Fund, Gabelli Capital Asset Fund, GAMCO International Growth Fund, Inc., The GAMCO Global Growth Fund, The Gabelli Utility Trust, The GAMCO Global Opportunity Fund, The Gabelli Utilities Fund, The Gabelli Blue Chip Value Fund, The GAMCO Mathers Fund, The Gabelli Woodland Small Cap Value Fund, The Comstock Capital Value Fund, The Gabelli Dividend and Income Trust, The Gabelli Global Utility & Income Trust, The Gabelli Global Gold, Natural Resources, & Income Trust, The Gabelli Global Deal Fund, Gabelli Enterprise M&A Fund, The Gabelli SRI Green Fund, Inc. and The Gabelli Healthcare & Wellness Rx Trust (collectively, the "Funds"), which are registered investment companies.

Teton Advisors, an investment adviser registered under the Advisers Act, provides discretionary advisory services to The GAMCO Westwood Mighty Mites<sup>SM</sup> Fund, The GAMCO Westwood Income Fund and The GAMCO Westwood SmallCap Equity Fund.

MJG Associates provides advisory services to private investment partnerships and offshore funds. Mario Gabelli is the sole shareholder, director and employee of MJG Associates. MJG Associates is the Investment Manager of Gabelli International Limited, Gabelli International II Limited and Gabelli Fund, LDC. Mario J. Gabelli is the general partner of Gabelli Performance Partnership, LP.

The Foundation is a private foundation. Mario Gabelli is the Chairman, a Trustee and the Investment Manager of the Foundation. Elisa M. Wilson is the President of the Foundation.

Mario Gabelli is the majority stockholder, Chief Executive Officer and a director of GGCP and Chairman and Chief Executive Officer of GBL. Mario Gabelli is also deemed to be the controlling shareholder of Teton through his control of GGCP and MJG-IV.

The Reporting Persons do not admit that they constitute a group.

GBL, GAMCO, and Gabelli & Company are New York corporations and GSI and Teton Advisors are Delaware corporations, each having its principal business office at One Corporate Center, Rye, New York 10580. GGCP is a New York corporation having its principal business office at 140 Greenwich Avenue, Greenwich, CT 06830. Gabelli Funds is a New York limited liability company having its principal business office at One Corporate Center, Rye, New York 10580. MJG Associates is a Connecticut corporation having its principal business office at 140 Greenwich Avenue, Greenwich, CT 06830. The Foundation is a Nevada corporation having its principal offices at 165 West Liberty Street, Reno, Nevada 89501.

For information required by instruction C to Schedule 13D with respect to the executive officers and directors of the foregoing entities and other related persons (collectively, "Covered Persons"), reference is made to Schedule I annexed hereto and incorporated herein by reference.

(e) - On April 24, 2008, Gabelli Funds settled an administrative proceeding with the Securities and Exchange Commission ("Commission") regarding frequent trading in shares of a mutual fund it advises, without admitting or denying the findings or allegations of the Commission. The inquiry involved Gabelli Funds' treatment of one investor who had engaged in frequent trading in one fund (the prospectus of which did not at that time impose limits on frequent trading), and who had subsequently made an investment in a hedge fund managed by an affiliate of Gabelli Funds. The investor was banned from the fund in August 2002, only after certain other investors were banned. The principal terms of the settlement include an administrative cease and desist order from violating Section 206(2) of the Investment Advisers Act of 1940, Section 17(d) of the Investment Company Act of 1940 ("Company Act"), and Rule 17d-1 thereunder, and Section 12(d)(1)(B)(1) of the Company Act, and the payment of \$11 million in disgorgement and prejudgment interest and \$5 million in a civil monetary penalty. Gabelli Funds was also required to retain an independent distribution consultant to develop a plan and oversee distribution to shareholders of the monies paid to the Commission, and to make certain other undertakings.

In September 2008, Gabelli Funds reached agreement in principle with the staff of the Commission, subject to Commission approval, on a previously disclosed matter that had been ongoing for several years involving compliance with Section 19(a) of the Investment Company Act of 1940 and Rule 19a-1 thereunder by two closed-end funds. The agreement was finalized with the Commission on January 12, 2009. The provisions of Section 19(a) and Rule 19a-1 require registered investment companies, when making a distribution in the nature of a dividend from sources other than net investment income, to contemporaneously provide written statements to shareholders that adequately disclose the source or sources of such distribution. While the two funds sent annual statements and provided other materials containing this information, the shareholders did not receive the notices required by Rule 19a-1 with any of the distributions that were made for 2002 and 2003. Gabelli Funds believes that the funds have been in compliance with Section 19(a) and Rule 19a-1 since the beginning of 2004. As part of the settlement, in which Gabelli Funds neither admits nor denies the findings by the Commission, Gabelli Funds agreed to pay a civil monetary penalty of \$450,000 and to cease and desist from causing violations of Section 19(a) and Rule 19a-1. In connection with the settlement, the Commission noted the remedial actions previously undertaken by Gabelli Funds.

(f) - Reference is made to Schedule I hereto.

Item 3. Source and Amount of Funds or Other Consideration

The Reporting Persons used an aggregate of approximately \$156,686,718 to purchase the Securities reported as beneficially owned in Item 5. GAMCO and Gabelli Funds used approximately \$67,644,922 and \$88,827,424, respectively, of funds that were provided through the accounts of certain of their investment advisory clients (and, in the case of some of such accounts at GAMCO, may be through borrowings from client margin accounts) in order to purchase the Securities for such clients. Teton Advisors used approximately \$27,337 of funds of investment advisory clients to purchase the Securities reported by it. Mario Gabelli used approximately \$187,035 of funds of a private entity to purchase the Securities reported by it.

Item 4. Purpose of Transaction

Each of the Reporting Persons has purchased and holds the Securities reported by it for investment for one or more accounts over which it has shared, sole, or both investment and/or voting power, for its own account, or both.

The Reporting Persons are engaged in the business of securities analysis and investment and pursue an investment philosophy of identifying undervalued situations. In pursuing this investment philosophy, the Reporting Persons analyze the operations, capital structure and markets of companies in which they invest, including the Issuer, on a continuous basis through analysis of documentation and discussions with knowledgeable industry and market observers and with representatives of such companies (often at the invitation of management). The

Reporting Persons do not believe they possess material inside information concerning the Issuer. As a result of these analytical activities one or more of the Reporting Persons may issue analysts reports, participate in interviews or hold discussions with third parties or with management in which the Reporting Person may suggest or take a position with respect to potential changes in the operations, management or capital structure of such companies as a means of enhancing shareholder values. Such suggestions or positions may relate to one or more of the transactions specified in clauses (a) through (j) of Item 4 of Schedule 13D including, without limitation, such matters as disposing of one or more businesses, selling the company or acquiring another company or business, changing operating or marketing strategies, adopting or not adopting, certain types of anti-takeover measures and restructuring the company's capitalization or dividend policy.

Each of the Reporting Persons intends to adhere to the foregoing investment philosophy with respect to the Issuer. However, none of the Reporting Persons intends to seek control of the Issuer or participate in the management of the Issuer, and any Reporting Person that is registered as an investment company under the 1940 Act will participate in such a transaction only following receipt of an exemption from the SEC under Rule 17d-1 under the 1940 Act, if required, and in accordance with other applicable law. In pursuing this investment philosophy, each Reporting Person will continuously assess the Issuer's business, financial condition, results of operations and prospects, general economic conditions, the securities markets in general and those for the Issuer's securities in particular, other developments and other investment opportunities, as well as the investment objectives and diversification requirements of its shareholders or clients and its fiduciary duties to such shareholders or clients. Depending on such assessments, one or more of the Reporting Persons may acquire additional Securities or may determine to sell or otherwise dispose of all or some of its holdings of Securities. Although the Reporting Persons share the same basic investment philosophy and although most portfolio decisions are made by or under the supervision of Mario Gabelli, the investment objectives and diversification requirements of various clients differ from those of other clients so that one or more Reporting Persons may be acquiring Securities while others are disposing of Securities.

With respect to voting of the Securities, the Reporting Persons have adopted general voting policies relating to voting on specified issues affecting corporate governance and shareholder values. Under these policies, the Reporting Persons generally vote all securities over which they have voting power in favor of cumulative voting, financially reasonable golden parachutes, one share one vote, management cash incentives and pre-emptive rights and against greenmail, poison pills, supermajority voting, blank check preferred stock and super-dilutive stock options. Exceptions may be made when management otherwise demonstrates superior sensitivity to the needs of shareholders. In the event that the aggregate voting position of all joint filers shall exceed 25% of the total voting position of the issuer then the proxy voting committees of each of the Funds shall vote their Fund's shares independently. Each of the Covered Persons who is not a Reporting Person has purchased the Securities reported herein as beneficially owned by him for investment for his own account or that of one or more members of his immediate family. Each such person may acquire additional Securities or dispose of some or all of the Securities reported herein with respect to him. Other than as described above, none of the Reporting Persons and none of the Covered Persons who is not a Reporting Person has any present plans or proposals which relate to or would result in any transaction, change or event specified in clauses (a) through (j) of Item 4 of Schedule 13D.

Item 5. Interest In Securities Of The Issuer

(a) The aggregate number of Securities to which this Schedule 13D relates is 5,980,808 shares, representing 5.02% of the 119,215,561 shares outstanding as reported in the Issuer's most recent Form 10-K for the fiscal year ended December 31, 2008. The Reporting Persons beneficially own those Securities as follows:

Name	Shares of Common Stock	% of Class of Common
GAMCO	2,880,762	2.42%
Gabelli Funds	3,091,058	2.59%
Teton Advisors	2,140	0.00%
Mario Gabelli	6,848	0.01%

Mario Gabelli is deemed to have beneficial ownership of the Securities owned beneficially by each of the foregoing persons. GSI is deemed to have beneficial ownership of the Securities owned beneficially by Gabelli & Company. GBL and GGCP are deemed to have beneficial ownership of the Securities owned beneficially by each of the foregoing persons other than Mario Gabelli and the Foundation.

(b) Each of the Reporting Persons and Covered Persons has the sole power to vote or direct the vote and sole power to dispose or to direct the disposition of the Securities reported for it, either for its own benefit or for the benefit of its investment clients or its partners, as the case may be, except that (i) GAMCO does not have the authority to vote 62,909 of the reported shares, (ii) Gabelli Funds has sole dispositive and voting power with respect to the shares of the Issuer held by the Funds so long as the aggregate voting interest of all joint filers does not exceed 25% of their total voting interest in the Issuer and, in that event, the Proxy Voting Committee of each Fund shall respectively vote that Fund's shares, (iii) at any time, the Proxy Voting Committee of each such Fund may take and exercise in its sole discretion the entire voting power with respect to the shares held by such fund under special circumstances such as regulatory considerations, and (iv) the power of Mario Gabelli, GBL, and Gabelli Partners is indirect with respect to Securities beneficially owned directly by other Reporting Persons.

(c) Information with respect to all transactions in the Securities which were effected during the past sixty days or since the most recent filing on Schedule 13D, whichever is less, by each of the Reporting Persons and Covered Persons is set forth on Schedule II annexed hereto and incorporated herein by reference.

(d) The investment advisory clients of, or partnerships managed by, GAMCO, Gabelli Funds, Teton Advisors and MJG Associates have the sole right to receive and, subject to the notice, withdrawal and/or termination provisions of such advisory contracts and partnership arrangements, the sole power to direct the receipt of dividends from, and the proceeds of sale of, any of the Securities beneficially owned by such Reporting Persons on behalf of such clients or partnerships. Except as noted, no such client or partnership has an interest by virtue of such relationship that relates to more than 5% of the Securities.

(e) Not applicable.

Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer

The powers of disposition and voting of Gabelli Funds, Teton Advisors, GAMCO, GSI and MJG Associates with respect to Securities owned beneficially by them on behalf of their investment advisory clients, and of MJG Associates and GSI with respect to Securities owned beneficially by them on behalf of the partnerships which they directly or indirectly manage, are held pursuant to written agreements with such clients, partnerships and funds.

Item 7. Material to be Filed as an Exhibit

The following Exhibit A is attached hereto. The following Exhibit B is incorporated by reference to Exhibit A in the Amendment No. 2 to Schedule 13D of the Reporting Persons with respect to Lifecore Biomedical, Inc.

Exhibit A: Joint Filing Agreement

Exhibit B: Powers of Attorney to Peter D. Goldstein, Christopher J. Michailoff, and Douglas R. Jamieson from Mario J. Gabelli

Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: May 4, 2009

MARIO J. GABELLI

GGCP, INC.

By: /s/ Douglas R. Jamieson  
Douglas R. Jamieson  
Attorney-in-Fact

GABELLI FUNDS, LLC  
TETON ADVISORS, INC.

By: /s/ Bruce N. Alpert

Bruce N. Alpert  
Chief Operating Officer – Gabelli Funds, LLC

Chairman – Teton Advisors, Inc.

GAMCO ASSET MANAGEMENT INC.

GAMCO INVESTORS, INC.

By: /s/ Douglas R. Jamieson  
Douglas R. Jamieson

President & Chief Operating Officer – GAMCO Investors, Inc.

President – GAMCO Asset Management Inc.

SCHEDULE I  
Information with Respect to Executive  
Officers and Directors of the Undersigned

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Schedule I to Schedule 13D is amended, in pertinent part, as follows:

The following sets forth as to each of the executive officers and directors of the undersigned: his name; his business address; his present principal occupation or employment and the name, principal business and address of any corporation or other organization in which such employment is conducted. Unless otherwise specified, the principal employer of each such individual is GAMCO Asset Management Inc., Gabelli Funds, LLC, Gabelli Securities, Inc., Gabelli & Company, Inc., Teton Advisors, Inc., or GAMCO Investors, Inc., the business address of each of which is One Corporate Center, Rye, New York 10580, and each such individual identified below is a citizen of the United States. To the knowledge of the undersigned, during the last five years, no such person has been convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors), and no such person was a party to a civil proceeding of a judicial or administrative body of competent jurisdiction as a result of which he was or is subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities law or finding any violation with respect to such laws except as reported in Item 2(d) of this Schedule 13D.

GGCP, Inc.

Directors:

Vincent J. Amabile	Business Consultant
Mario J. Gabelli	Chief Executive Officer of GGCP, Inc., and Chairman & Chief Executive Officer of GAMCO Investors, Inc.; Director/Trustee of all registered investment companies advised by Gabelli Funds, LLC.
Marc J. Gabelli	Chairman of The LGL Group, Inc.
Matthew R. Gabelli	Vice President – Trading Gabelli & Company, Inc. One Corporate Center Rye, New York 10580
Charles C. Baum	Secretary & Treasurer United Holdings Co., Inc. 2545 Wilkens Avenue Baltimore, MD 21223
Douglas R. Jamieson	See below
Joseph R. Rindler, Jr.	Account Executive for GAMCO Asset Management Inc.
Fredric V. Salerno	Chairman; Former Vice Chairman and Chief Financial Officer Verizon Communications
Vincent Capurso	Vice President Taxes, Barnes & Noble, Inc.
Vincent S. Tese	Former Director GAMCO Investors, Inc.
Michael Gabelli	Director
John Gabelli	Director

Officers:

Mario J. Gabelli	Chief Executive Officer and Chief Investment Officer
Michael G. Chieco	Chief Financial Officer, Secretary

GAMCO Investors, Inc.

Directors:

Edwin L. Artzt	Former Chairman and Chief Executive Officer Procter & Gamble Company 900 Adams Crossing Cincinnati, OH 45202
Raymond C. Avansino	Chairman & Chief Executive Officer E.L. Wiegand Foundation Reno, NV 89501
Richard L. Bready	Chairman and Chief Executive Officer Nortek, Inc. 50 Kennedy Plaza Providence, RI 02903
Mario J. Gabelli	See above
John D. Gabelli	Director
Elisa M. Wilson	Director
Eugene R. McGrath	Former Chairman and Chief Executive Officer Consolidated Edison, Inc.
Robert S. Prather	President & Chief Operating Officer Gray Television, Inc. 4370 Peachtree Road, NE Atlanta, GA 30319

Officers:

Mario J. Gabelli	Chairman and Chief Executive Officer
Douglas R. Jamieson	President and Chief Operating Officer
Henry G. Van der Eb	Senior Vice President

Bruce N. Alpert	Senior Vice President
Jeffrey M. Farber	Executive Vice President and Chief Financial Officer
Christopher Michailoff	Acting Secretary

GAMCO Asset Management Inc.  
Directors:

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Douglas R. Jamieson  
Regina M. Pitaro  
William S. Selby

Officers:

Mario J. Gabelli	Chief Investment Officer – Value Portfolios
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Douglas R. Jamieson	President
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Jeffrey M. Farber	Chief Financial Officer
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Christopher J. Michailoff	General Counsel and Secretary
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Gabelli Funds, LLC  
Officers:

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Mario J. Gabelli	Chief Investment Officer – Value Portfolios
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Bruce N. Alpert	Executive Vice President and Chief Operating Officer
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Agnes Mullady	Vice President and President Closed-End Fund Division
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Teton Advisors, Inc.  
Directors:

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Bruce N. Alpert	Chairman
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Douglas R. Jamieson	See above
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Nicholas F. Galluccio	Chief Executive Officer and President
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Alfred W. Fiore	1270 Avenue of the Americas 20 <sup>th</sup> Floor New York, NY 10020
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Edward T. Tokar	Beacon Trust Senior Managing Director 333 Main Street Madison, NJ 07940
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Officers:

Bruce N. Alpert	See above
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Nicholas F. Galluccio	See above
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Jeffrey M. Farber	Chief Financial Officer
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Gabelli Securities, Inc.

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Directors:

Robert W. Blake	President of W. R. Blake & Sons, Inc. 196-20 Northern Boulevard Flushing, NY 11358
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Douglas G. DeVivo	General Partner of ALCE Partners, L.P. One First Street, Suite 16 Los Altos, CA 94022
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Douglas R. Jamieson	President
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Officers:

Douglas R. Jamieson	See above
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Christopher J. Michailoff	Secretary
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Gabelli & Company, Inc.  
Directors:

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James G. Webster, III	Chairman & Interim President
Irene Smolicz	Senior Trader Gabelli & Company, Inc.

## Officers:

James G. Webster, III	See Above
Bruce N. Alpert	Vice President - Mutual Funds
Diane M. LaPointe	Treasurer
Douglas R. Jamieson	Secretary

Gabelli Foundation, Inc.  
Officers:

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Mario J. Gabelli	Chairman, Trustee & Chief Investment Officer
Elisa M. Wilson	President

MJG-IV Limited Partnership  
Officers:

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Mario J. Gabelli	General Partner
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SCHEDULE II  
INFORMATION WITH RESPECT TO  
TRANSACTIONS EFFECTED DURING THE PAST SIXTY DAYS OR  
SINCE THE MOST RECENT FILING ON SCHEDULE 13D (1)  
SHARES PURCHASED      AVERAGE

DATE      SOLD(-)      PRICE(2)

COMMON STOCK-GREAT PLAINS ENERGY INC.

MARIO J. GABELLI

4/21/09      6,848-      14.4569  
3/19/09      6,848      13.1120

GAMCO ASSET MANAGEMENT INC.

5/01/09      6,204      14.4445  
4/30/09      4,016      14.5883  
4/30/09      5,000-      14.4535  
4/29/09      9,032      14.3499  
4/28/09      300      14.5132  
4/28/09      2,500      14.4940  
4/28/09      200      14.4948  
4/27/09      3,081-      14.3057  
4/27/09      5,535      14.3261  
4/27/09      300      14.4467  
4/24/09      428-      14.1896  
4/24/09      42,500      14.2748  
4/23/09      128-      14.3496  
4/23/09      4,000-      14.3296  
4/23/09      21,520      14.4243  
4/22/09      22,700      14.7253  
4/21/09      6,443-      14.4441  
4/21/09      10,500      14.4715  
4/21/09      1,000      14.4892  
4/21/09      8,000-      14.4265  
4/20/09      5,000      14.5800  
4/17/09      15,288      14.6537  
4/16/09      74,120      14.3102  
4/16/09      10,000      14.2558  
4/16/09      4,500      14.2443  
4/15/09      1,500      14.0140  
4/14/09      21,300      14.0015  
4/14/09      128-      13.8996  
4/13/09      38,787      14.0347  
4/09/09      1,000      14.0700  
4/08/09      10,000      13.9220  
4/08/09      30,500      14.0390  
4/08/09      1,744      13.9300  
4/08/09      10,000      13.9531  
4/07/09      40,080      13.6547  
4/06/09      17,388      13.6689  
4/06/09      11,000      13.6886  
4/03/09      5,000      13.7006  
4/03/09      171-      13.6099  
4/03/09      2,100      13.5400  
4/02/09      35,444      13.8120  
4/02/09      1,500      13.7587  
3/27/09      2,000      13.8199  
3/27/09      500      13.8979  
3/27/09      57,771      13.8381  
3/27/09      5,000      13.9160  
3/26/09      5,000      13.7799  
3/26/09      1,000      13.7184  
3/26/09      1,000      13.8295  
3/26/09      2,000      13.8700  
3/26/09      1,500      13.7993  
3/26/09      2,500      13.8300  
3/26/09      97,900      13.8344  
3/26/09      500      13.7654  
3/26/09      1,000      13.7594  
3/26/09      2,000      14.0297  
3/26/09      1,000      13.7499  
3/26/09      500      13.7420  
3/26/09      500      13.7400  
3/26/09      500      13.7379  
3/26/09      1,500      13.7748  
3/26/09      2,500      13.6993  
3/26/09      560-      13.5899  
3/26/09      1,500      13.7296  
3/25/09      5,000      13.4724  
3/25/09      10,000      13.5942  
3/25/09      2,000      13.5974  
3/25/09      1,000      13.6500



3/25/09	1,000	13.4100
3/24/09	5,136-	13.4950
3/23/09	900	13.2599
3/23/09	1,000	13.3000
3/23/09	17,800	13.2777
3/20/09	456-	13.2105
3/20/09	2,100	13.1805
3/19/09	10,000	13.2068
3/19/09	500	13.1096
3/19/09	8,000	12.9816
3/19/09	600-	13.0399
3/19/09	15,900	13.1442
3/19/09	500	13.3005
3/18/09	9,000	12.2712
3/18/09	6,000	12.2529
3/17/09	1,300	12.1300
3/12/09	856-	11.4805
3/10/09	1,000-	11.2799
3/09/09	320-	11.2609
3/06/09	1,000-	11.3499
3/06/09	3,000-	11.4086
3/05/09	928-	11.4615
3/03/09	256-	12.0721
3/02/09	128-	12.6422
2/24/09	200-	13.8999
2/23/09	128-	13.6239
2/20/09	1,900-	14.1002
2/20/09	500-	14.2907
2/11/09	300-	15.1467
2/10/09	1,356-	19.8771
2/06/09	482-	20.1899
GABELLI FUNDS, LLC.		
THE GABELLI SRI GREEN FUND INC		
3/09/09	1,027-	11.2099
GABELLI UTILITY FUND		
4/23/09	15,000	14.4359
3/24/09	23,200	13.6200
3/23/09	26,800	13.3370
3/17/09	50,000	12.0960
3/16/09	50,000	11.9837
2/23/09	10,000	13.8254
GABELLI SMALL CAP GROWTH FUND		
4/06/09	33,000	13.7242
3/24/09	24,540	13.6200
3/23/09	5,500	13.2900
GABELLI EQUITY TRUST		
2/23/09	4,000	13.8254
GABELLI DIVIDEND & INCOME TRUST		
4/27/09	6,000	14.2992
THE GABELLI GLOBAL DEAL FUND		
4/06/09	20,240	13.6706
GABELLI CONVERTIBLE FUND		
4/17/09	5,000	14.6646
4/16/09	15,000	14.3566
3/16/09	8,000	11.9837
GABELLI ASSET FUND		
2/23/09	6,000	13.8254
GABELLI ENTERPRISE M&A FUND		
4/30/09	10,000-	14.4209
4/29/09	10,000-	14.3460
4/28/09	10,000-	14.3459
4/27/09	5,000-	14.2736
4/09/09	5,000-	13.9956
3/03/09	7,000-	11.8312
GABELLI CAPITAL ASSET FUND		
4/02/09	2,592	13.8900
GABELLI ABC FUND		
4/08/09	9,000	13.9089
4/06/09	30,000	13.6283
3/26/09	6,000	13.6567
3/23/09	8,000	13.2788
GABELLI GLOBAL UTILITY & INCOME TRUST		
3/25/09	7,966	13.5908
2/23/09	2,000	13.8254

(1) UNLESS OTHERWISE INDICATED, ALL TRANSACTIONS WERE EFFECTED ON THE NYSE.

(2) PRICE EXCLUDES COMMISSION.

Exhibit A

JOINT FILING AGREEMENT

In accordance with Rule 13d-1(f) under the securities Exchange Act of 1934, as amended, the undersigned hereby agree to the joint filing with all other Reporting Entities (as such term is defined in the Schedule 13D referred to below) on behalf of each of them of a statement on Schedule 13D (including amendments thereto) with respect to the Common Stock of Great Plains Energy Inc., and that this Agreement be included as an Exhibit to such joint filing. This Agreement may be executed in any number of counterparts all of which taken together shall constitute one and the same instrument.

IN WITNESS WHEREOF, the undersigned hereby execute this Agreement this May 4, 2009.

MARIO J. GABELLI  
GGCP, INC.  
MJG ASSOCIATES, INC.  
GABELLI FOUNDATION, INC.  
MJG-IV LIMITED PARTNERSHIP

By:/s/ Douglas R. Jamieson  
Douglas R. Jamieson  
Attorney-in-Fact

GABELLI FUNDS, LLC  
TETON ADVISORS, INC.  
GABELLI & COMPANY, INC.

By: /s/ Bruce N. Alpert \_\_\_\_\_  
Bruce N. Alpert  
Chief Operating Officer – Gabelli Funds, LLC  
Chairman – Teton Advisors, Inc.  
Vice President – Gabelli & Company, Inc.

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GAMCO ASSET MANAGEMENT INC.  
GAMCO INVESTORS, INC.  
GABELLI SECURITIES, INC.

By:/s/ Douglas R. Jamieson  
Douglas R. Jamieson  
President & Chief Operating Officer – GAMCO Investors, Inc.  
President – GAMCO Asset Management Inc.  
Vice President – Gabelli Securities, Inc.

