

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13D

Under the Securities Exchange Act of 1934 (Amendment No. 1)

Great Plains Energy Inc. (Name of Issuer)

Common Stock (Title of Class of Securities)

September 17, 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 $\S\S 240.13d-1(e)$, 240.13d-1(e), or 240.13d-1(g), check the following box .

	No. 391164100				
1	Names of reporting persons I.R.S. identification nos. of all	ROVE DEDSONS (ENTITIES ONLY)			
	Gabelli Funds,	DOTE LEROVIO (EATTIES ONE)			
	LLC		I,D		
	No. 13-4044523				
2	CHECK THE APPROPRIATE BOX IF	A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a)			
	(b)				
	(b)				
3	SEC USE ONLY				
3	SEC USE UNLI				
4	Source of funds (SEE INSTR	RUCTIONS)			
•	00-Funds of investment adv				
		·			
5	CHECK BOX IF DISCLOSURE OF LE	EGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2 (d) OR 2 (e)			
6	CITIZENSHIP OR PLACE OF ORGAN	NIZATION			
	New York				
	Number Of	: 7 Sole voting power			
	NUMBER OF	: 7 Sole voting power			
	Shares	: 2,759,784 (Item 5)			
		:			
	BENEFICIALLY	: 8 Shared voting power			
		:			
	OWNED	: None			
	Ву Еасн	<u>: </u>			
	Di Each	: 9 Sole dispositive power			
	REPORTING	3.750.704 (Tu 5)			
		: 2,759,784 (Item 5)			
	Person	:10 Shared dispositive power			
	Wітн	:			
	WITH	: None			
		:			
11	Aggregate amount beneficial	LLY OWNED BY EACH REPORTING PERSON			
	2,759,784 (ITEM 5)				
		40			
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)				
	(SEE INSTRUCTIONS)				
13	Percent of class represented by amount in row (11)				
	A ENGLAS OF CERES REFRESHED BY ASSOCIATE ROW (11)				
	2.04%				
14	Type of reporting person (SE	EE INSTRUCTIONS)			
	IA				
		2			

	0. 391164100				
1	Names of reporting persons				
	I.R.S. IDENTIFICATION NOS. OF A				
	GAMCO Asset Management	t inc.	L.D. No. 13-4044521		
	# 1 6 0 ;				
2	CHECK THE APPROPRIATE BOX IF	A MEMBER OF A	A GROUP (SEE INSTRUCTIONS) (a)		
	(b)				
	(6)				
3	SEC USE ONLY				
J	SEC USE ONLI				
	Source of funds (SEE INSTI	PHCTIONS)			
•	00-Funds of investment adv	isory clients			
	00-1 unus of investment auv	isory chemis			
	CHECK BOY IS DISCLOSURE OF LE	CAL PROCEEDIN	NGS IS REQUIRED PURSUANT TO ITEMS 2 (d) OR 2 (e)		
3	CHECK BOX IF DISCLOSURE OF LI	EGAL PROCEEDIN	NOS IS REQUIRED FORSUANT TO TIEMS 2 (U) OR 2 (C)		
6	CITIZENSHIP OR PLACE OF ORGAN	NIZATION			
Ū	New York	VIZATION			
	TOTAL				
	Number Of	:7	Sole voting power		
	THE ST	:	SOLE FORM TOWER		
	Shares	:	2,586,028 (Item 5)		
		:			
	BENEFICIALLY	: 8	Shared voting power		
		:			
	OWNED	:	None		
		:			
	By Each	: 9	Sole dispositive power		
	Reporting	:			
	KEPORTING	:	2,651,628 (Item 5)		
	Person	<u>:</u>			
		:10	Shared dispositive power		
	With	:			
		:	None		
	<u> </u>				
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
	2,651,628 (Item 5)				
12	CHECK BOX IF THE AGGREGATE A	AMOUNT IN ROW	v (11) excludes certain shares		
	(SEE INSTRUCTIONS)				
13	Dence VI OF CLASS DEPOSES VIEW	D.,			
13	Percent of class represented by amount in row (11)				
	1.96%				
	100,0				
14	Type of reporting person (SE	E INSTRUC	TIONS		
	IA, CO	L II ISTROC			
	,				

CUSIP N	No. 391164100			
1	Names of reporting persons I.R.S. identification nos. of al Gabelli Foundation, Inc. No. 94-2975159	BOVE PERSONS (EN	TTIES ONLY)	I.D.
2		A MEMBER OF A GI	OUP (SEE INSTRUCTIONS) (a)	
	(b)			
3	SEC USE ONLY			
4	Source of funds (SEE INSTR WC	UCTIONS)		
5	CHECK BOX IF DISCLOSURE OF LE	GAL PROCEEDINGS	IS REQUIRED PURSUANT TO ITEMS 2 (d) OR 2 (e)	
6	CITIZENSHIP OR PLACE OF ORGAN NV	IZATION		
	Number Of	: 7	Sole voting power	
	Shares	:	8,000 (Item 5)	
	BENEFICIALLY	: 8	Shared voting power	
	OWNED	:	None	
	Ву Еасн	: 9	SOLE DISPOSITIVE POWER	
	REPORTING	: :	8,000 (Item 5)	
	Person	:10	Shared dispositive power	
	With	: :	None	
11	AGGREGATE AMOUNT BENEFICIAL	LY OWNED BY EAC	REPORTING PERSON	
	8,000 (ITEM 5)			
12	CHECK BOX IF THE AGGREGATE A (SEE INSTRUCTIONS)	MOUNT IN ROW (1) EXCLUDES CERTAIN SHARES	
13	PERCENT OF CLASS REPRESENTED	BY AMOUNT IN RO	v (11)	
	0.01%			
14	Type of reporting person (SE 00-Private Foundation	E INSTRUCTIO	DNS)	

CUSIP N	0. 391164100			
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)		
	<i>a</i> .)			
	(b)			
3	SEC USE ONLY			
	Course of fords (CEE INCTD	LCTIONS		
4	Source of funds (SEE INSTR	uchors)		
	None			
5	CHECK BOY IS DISCLOSURE OF LE	GAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2 (d) OR 2 (e)		
3	CHECK BOX IF DISCLOSURE OF LE	GAL PROCEEDINGS IS REQUIRED PURSUANT TO TIEMS 2 (u) OR 2 (e)		
6	CITIZENSHIP OR PLACE OF ORGAN	IZATION		
Ů	New York			
	Number Of	: 7 Sole voting power		
		:		
	Shares	: None (Item 5)		
	_	<u>:</u>		
	BENEFICIALLY	: 8 Shared voting power		
	OWNED	:		
	OWNED	: None		
	By Each	<u>:</u>		
		: 9 Sole dispositive power		
	REPORTING	: Nove (Itam 5)		
		: None (Item 5)		
	Person	10 - Str. pre preparette poure		
		:10 Shared dispositive power		
	With	: None		
		• 100		
11	ACCRECATE AMOUNT RENEFICIAL	IV OWNED BY FACH REPORTING PERSON		
	ANGREGATE AMOUNT BENEFICIAL	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	None (Item 5)			
	, ,			
12	CHECK BOX IF THE AGGREGATE A	MOUNT 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 (SE	E INSTRUCTIONS)		
	HC, CO			

CUSIP N	No. 391164100				
1	Names of reporting persons I.R.S. identification nos. of al GAMCO Investors, Inc.	BOVE PERSONS (ENTITIES ONLY)	I.D.		
	No. 13-4007862				
	CHECK THE APPROPRIATE BOX IF	A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a)			
	(b)				
3	SEC USE ONLY				
4	Source of funds (SEE INSTR WC	RUCTIONS)			
	WC				
5	CHECK BOX IF DISCLOSURE OF LE	CGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2 (d) OR 2 (e)			
6	CITIZENSHIP OR PLACE OF ORGAN New York	UZATION			
	New fork				
	Number Of	:7 Sole voting power			
		:			
	Shares	: None (Item 5)			
	Beneficially				
	DENEFICIALEI	: 8 Shared voting power			
	OWNED	· None			
	Ву Еасн	<u>:</u>			
	DY LACH	:9 Sole dispositive power			
	REPORTING	: : None (Item 5)			
	n.	:			
	Person	:10 Shared dispositive power			
	With	:			
		: None			
11	A CODECATE AMOUNT BENEFICIAL	IV ONNER BY EACH DEBODTING BERGOY			
11	AGGREGATE AMOUNT BENEFICIAL	LLY 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 depopting bedson (SF	Type of reporting person (SEE INSTRUCTIONS)			
. 7	HC, CO	E MOIRO CITOTOJ			

1 NAMES OF REPORTING PERSONS LEAS, INSTRUCTION SO, OF AGOUT PERSONS (ENTITIES ONLY) MARÍO J. Gabelli 2 CHICK THE APPROPRIATE BON HE A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) (a) (b) 3 SEC USE ONLY 4 SOURCE OF MINIS (SEE INSTRUCTIONS) (00 — FONDS OF A PROVEE ENTITY 5 CHICK BON HI DISCLOSURE OF LEGAL PROCELIBRIAS IS REQUIRED PURSUANT TO THAIS 2 (d) ON 2 (c) 6 CHICKNESS OF A PROVEE OF ORGANIZATION UNA NUMBER OF :7 SOUL NOTING FOWER NUMBER OF :7 SOUL NOTING FOWER NUMBER OF :8 SHARED NOTING FOWER NUMBER OF :9 SOUL DISPOSITIVE FOWER NUMBER OF :9 SOUL DISPOSITIVE FOWER REPORTING : NOW. (Hem 5) PESSON ::10 SHARED DISPOSITIVE FOWER NOW. (Hem 5) 10 SHARED DISPOSITIVE FOWER NOW. (Hem 5) 11 AGGREGATE AMBINAT BENEFICIALLY OWNER BY LACH BUPORTING PERSON NOW. (Hem 5) 12 CHECK BON IF THE AGGREGATE AMBINAT IN BOW (11) 0.000% 14 TYPE OF BEPORTING PERSON (SEE INSTRUCTIONS) IN	CUSIP N	o. 391164100				
MARTÍO J. CABELLI CHIECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) (a) (b) 3 SECURE ONLY 4 SOUTCE OF funds (SEE INSTRUCTIONS) 00 - Fighs of A Principle Of LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO HEMS 2 (d) OR 2 (c) 5 CHIECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO HEMS 2 (d) OR 2 (c) 6 CHIZZENSHIP OR PLACE OF ORGANIZATION USA NUMBER OF: 7 SOLE VOTING POWER SHARES: NONE (Item 5) BEALETCHAILY: 18 SHARED VOTING POWER OWNED: NONE BY EACH: 9 SOLE DISPOSITIVE POWER REPORTING: NONE (Item 5) 10 SHARED DISPOSITIVE POWER WITH: NONE 11 AGGREGATE AMOUNT RESERVEMENT ON WARD BY EACH REPORTING PERSON NONE (Item 5) 12 CHIECK BOX IF THE AGGREGATE AMOUNT IN ROW (II) EXCLUDES CERCAIN SHARES (SEE INSTRUCTIONS) X 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (II) 0.000%	1	NAMES OF REPORTING PERSONS				
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROEF (SEE INSTRUCTIONS) (a) (b) (b) 3 SRC USE ONLY 4 Source of funds (SEE INSTRUCTIONS) 00 — FUNDS OF A PRIVATE ENTITY 5 CHECK BOX IF DISCLOSURE OF LECAL PROCEEDINGS IS REQUIRED PURSUANT TO THEMS 2 (d) OR 2 (c) 6 CITIZENSHIP OR PLACE OF ORGANIZATION USA NUMBER OF :7 Sole voting power Shared voting fower Onne : None (Hem 5) BESEFICIALLY :8 Shared voting fower Onne : None BY Each :9 Sole dispusitive power Reporting : None (Hem 5) Person :						
(b) 3 Sec use only 4 Source of funds (SEE INSTRUCTIONS) 60—Funds of a Private Entity 5 Check box if disclosure of lecal proceedings is required pursuant to hears 2 (d) or 2 (e) 6 Chizassahif or flace of organization USA Number Of :7 Sole voing fower Shares : None (Hebb 5) Beneficially :8 Shared voing fower Owned : None (Hebb 5) By Each :9 Sole dispositive fower Reporting : None (Hebb 5) Person :10 Shared dispositive fower With : None (Hebb 5) 10 Shared dispositive fower None (Hebb 5) 11 Aggregate amount beneficially owned by each reporting ferson None (Hebb 5) 12 Check box if the aggregate amount in bow (II) exclides certain shares (SEE Instructions) X 13 Percent of class represented by amount in row (III) 0.00%		Mario J. Gabelli				
(b) 3 Sec use only 4 Source of funds (SEE INSTRUCTIONS) 60—Funds of a Private Entity 5 Check box if disclosure of lecal proceedings is required pursuant to hems 2 (d) or 2 (e) 6 Chizassaiff or flace of organization USA Number Of :7 Sole voing fower None (Hem 5)	2	CHECK THE APPROPRIATE BOX IF A	MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) (a)			
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 htms 2 (d) or 2 (e) 6 Chitzenship or place of organization USA Number Of :7 Sole voing power Shares : None (Item 5) Beneficially :8 Shared voing fower Owned : None By Each :9 Sole dispositive power Reporting :: None (Item 5) Plenon :: None (Item 5) 10 Shared dispositive power With :: None II Aggregate amount beneficially owned by each reporting person None (Item 5) 2 Chick box if the aggregate amount in row (II) excludes certain shares (SEE INSTRUCTIONS) X 13 Percent of class represented by amount in row (II) 0.00%		CHECK THE ATTRICTION OF A SHOULD GODD IT OF THE COLOTTO) (B) (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 htms 2 (d) or 2 (e) 6 Chitzenship or flace of organization USA Number Of :7 Sole voining fower Shares : None (Item 5) Beneficially :8 Shared voiting fower Owned : None By Each :9 Sole dispositive fower Reporting : None (Item 5) Person ::10 Shared dispositive fower With : None 11 Aggregate amount beneficially owned by each reporting formor None (Item 5) 2 Chick box if the aggregate amount in row (II) excludes certain shares (SEE INSTRUCTIONS) X 13 Percent of class represented by amount in row (II) 0.00%						
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 htms 2 (d) or 2 (e) 6 Chitzenship or place of organization USA Number Of :7 Sole voing power Shares : None (Item 5) Beneficially :8 Shared voing fower Owned : None By Each :9 Sole dispositive power Reporting :: None (Item 5) Plenon :: None (Item 5) 10 Shared dispositive power With :: None II Aggregate amount beneficially owned by each reporting person None (Item 5) 2 Chick box if the aggregate amount in row (II) excludes certain shares (SEE INSTRUCTIONS) X 13 Percent of class represented by amount in row (II) 0.00%		(b)				
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 Chierdhillif or flace of organization USA Number Of :7 Sole voting power : None (Hem 5) : Shares : None (Hem 5) : Owned : None Beamficially :8 Shared voting power : None : None By Each :9 Sole dispositive power : None Reporting : None (Hem 5) 10 Shared dispositive power : None : None : None : Owned : None : None : None : In Aggregate amount beneficially owned by each reporting person None (Hem 5) 12 Check box is the aggregate amount in row (II) excludes certain shares (SEE INSTRUCTIONS) X						
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 Chierdhillif or flace of organization USA Number Of :7 Sole voting power : None (Hem 5) : Shares : None (Hem 5) : Owned : None Beamficially :8 Shared voting power : None : None By Each :9 Sole dispositive power : None Reporting : None (Hem 5) 10 Shared dispositive power : None : None : None : Owned : None : None : None : In Aggregate amount beneficially owned by each reporting person None (Hem 5) 12 Check box is the aggregate amount in row (II) excludes certain shares (SEE INSTRUCTIONS) X	3	SEC USE ONLY				
5 CHICK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO HEMS 2 (d) OR 2 (e) 6 CHIZENSHIP OR PLACE OF ORGANIZATION USA NUMBER OF :7 Sole voting power : None (Item 5) BENEFICIALLY :8 SHARED VOTING POWER : NONE (Item 5) BY EACH :9 Sole dispositive power : None (Item 5) PERSON :10 SHARED DISPOSITIVE POWER : None (Item 5) 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON NONE (Item 5) 12 CHICK BOX IF THE AGGREGATE AMOUNT IN ROW (II) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) X 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (II) 0.000%						
5 CHICK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO HEMS 2 (d) OR 2 (e) 6 CHIZENSHIP OR PLACE OF ORGANIZATION USA NUMBER OF :7 Sole voting power : None (Item 5) BENEFICIALLY :8 SHARED VOTING POWER : NONE (Item 5) BY EACH :9 Sole dispositive power : None (Item 5) PERSON :10 SHARED DISPOSITIVE POWER : None (Item 5) 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON NONE (Item 5) 12 CHICK BOX IF THE AGGREGATE AMOUNT IN ROW (II) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) X 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (II) 0.000%	4	Source of funds (SEE INSTRI	(CTIONS)			
5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PERSUANT TO ITEMS 2 (d) OR 2 (e) 6 CITIZENSHIP OR PLACE OF ORGANIZATION USA NUMBER OF :7 SOLE VOTING FOWER : None (Item 5) :	•	00 - Funds of a Private Entity				
6 CITIZENSHIP OR PLACE OF ORGANIZATION USA NUMBER OF :7 Sole voting power SHARES : None (Item 5) BENEFICIALIY :8 SHARED voting power OWNED : None By Each :9 Sole dispositive power REPORTING : None (Item 5) PERSON :10 SHARED dispositive power WITH : None : None (Item 5) 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON None (Item 5) 12 CHICK BOX IF THE AGGREGATE AMOUNT IN ROW (II) excludes certain shares (SEE INSTRUCTIONS) X 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (II) 0.00%		VV TONDS OF ATRIVATE ENTIT				
6 CITIZENSHIP OR PLACE OF ORGANIZATION USA NUMBER OF :7 Sole voting power :		CHECK BOY IS DISCLOSURE OF LEG	ALL PROGREDINGS SE DEGUIDED DUDGUANT TO ETTING 2 (d) on 2 (d)			
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 : NONE : NONE 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON NONE (Item 5) 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (II) EXCLEDES CERTAIN SHARES (SEE INSTRUCTIONS) X 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (III) 0.00%	3	CHECK BOX IF DISCLOSURE OF LEC	AL PROCEEDINGS IS REQUIRED PURSUANT TO HEMS 2 (u) OR 2 (c)			
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 : NONE : NONE 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON NONE (Item 5) 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (II) EXCLEDES CERTAIN SHARES (SEE INSTRUCTIONS) X 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (III) 0.00%						
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 : NONE : NONE 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON NONE (Item 5) 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (II) EXCLEDES CERTAIN SHARES (SEE INSTRUCTIONS) X 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (III) 0.00%		Carranyawa an musa ar ang ar				
NUMBER OF :7 SOLE VOTING FOWER SHARES : NONE (Item 5) BENEFICIALLY :8 SHARED VOTING FOWER OWNED : NONE BY EACH :9 SOLE DISPOSITIVE FOWER :9 SOLE DISPOSITIVE FOWER :10 SHARED DISPOSITIVE FOWER :10 SHARED DISPOSITIVE FOWER :10 SHARED DISPOSITIVE FOWER :10 SHARED DISPOSITIVE FOWER :11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON NONE (Item 5) 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (II) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) X	O		ZATION			
SHARES : None (Item 5) Beneficially		USA				
SHARES : None (Item 5) Beneficially		Name of the second	. 7			
BENEFICIALLY S		NUMBER OF	: / Sole voting power			
BENEFICIALLY S		Swappa	: Nov. (Itam 5)			
Owned By Each By Each Sole dispositive power Person Ito Shared dispositive power Ito Share		SHARES	: None (item 5)			
Owned By Each By Each Sole dispositive power Person Ito Shared dispositive power Ito Share		Reneelclaliv				
By Each Reporting Person With Aggregate amount beneficially owned by each reporting person None (Item 5) Check box if the aggregate amount in row (II) excludes certain shares (SEE INSTRUCTIONS) X Percent of class represented by amount in row (II) 0.00% Type of reporting person (SEE INSTRUCTIONS)		DENEFICIALLY	: 8 SHARED VOTING POWER			
By Each Reporting Person With Aggregate amount beneficially owned by each reporting person None (Item 5) Check box if the aggregate amount in row (II) excludes certain shares (SEE INSTRUCTIONS) X Percent of class represented by amount in row (II) 0.00% Type of reporting person (SEE INSTRUCTIONS)		OWNED	: N			
REPORTING PERSON 10 SHARED DISPOSITIVE POWER 10 SHARED DISPOSITIVE POWER 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%		OWNED	: NONE			
REPORTING PERSON 10 SHARED DISPOSITIVE POWER 10 SHARED DISPOSITIVE POWER 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%		By Each	<u>:</u>			
PERSON IO Shared dispositive power			: 9 Sole dispositive power			
PERSON WITH NONE NONE To Check box if the aggregate amount in row (11) excludes certain shares (SEE INSTRUCTIONS) Percent of class represented by amount in row (11) Type of reporting person (SEE INSTRUCTIONS)		REPORTING	: 			
WITH : 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%			: None (item 5)			
WITH : None : 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%		Person	<u>:</u>			
: 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%			:10 Shared dispositive power			
: 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)		With	:			
None (Item 5) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) X Percent of class represented by amount in row (11) 0.00% Type of reporting person (SEE INSTRUCTIONS)			: NONE			
None (Item 5) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) X Percent of class represented by amount in row (11) 0.00% Type of reporting person (SEE INSTRUCTIONS)		<u> </u>				
CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) X Percent of class represented by amount in row (11) 0.00% Type of reporting person (SEE INSTRUCTIONS)	11	AGGREGATE AMOUNT BENEFICIALL	Y OWNED BY EACH REPORTING PERSON			
CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) X Percent of class represented by amount in row (11) 0.00% Type of reporting person (SEE INSTRUCTIONS)		N . (14 5)				
(SEE INSTRUCTIONS) X 13 Percent of class represented by amount in row (11) 0.00% 14 Type of reporting person (SEE INSTRUCTIONS)		NONE (Item 5)				
(SEE INSTRUCTIONS) X 13 Percent of class represented by amount in row (11) 0.00% 14 Type of reporting person (SEE INSTRUCTIONS)	12	-	400			
PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 0.00% Type of reporting person (SEE INSTRUCTIONS)	12		OUNT IN ROW (11) EXCLUDES CERTAIN SHARES			
0.00% Type of reporting person (SEE INSTRUCTIONS)		(SEE INSTRUCTIONS) X				
0.00% Type of reporting person (SEE INSTRUCTIONS)						
0.00% Type of reporting person (SEE INSTRUCTIONS)						
14 Type of reporting person (SEE INSTRUCTIONS)	13	PERCENT OF CLASS REPRESENTED I	Percent of class represented by amount in row (11)			
14 Type of reporting person (SEE INSTRUCTIONS)		0.000/	0.0007			
		0.00%				
IN	14		INSTRUCTIONS)			
		IN				

Item 1. Security and Issuer

This Amendment No. 1 to Schedule 13D on the Common Stock of Great Plains Energy Incorporated (the "Issuer"), is being filed on behalf of the undersigned to amend the Schedule 13D, as amended (the "Schedule 13D") which was originally filed on May 4, 2009. Unless otherwise indicated, all capitalized terms used herein but not defined herein shall have the same meanings as set forth in the Schedule 13D.

Item 2. <u>Identity and Background</u>

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* 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.

Interest In Securities Of The Issuer

Item 5.

Item 5 to Schedule 13D is amended, in pertinent part, as follows:

(a) The aggregate number of Securities to which this Schedule 13D relates is 5,419,412 shares, representing 4.01% of the 135,188,265 shares outstanding as reported in the Issuer's most recent Form 10-Q for the quarterly period ended June 30, 2009. The Reporting Persons beneficially own those Securities as follows:

Name	Shares of Common Stock	% of Class of Common	
GAMCO	2,651,628	1.96%	
Gabelli Funds	2,759,784	2.04%	
Foundation	8.000	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 65,600 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.
- (e) The Reporting Persons ceased to be beneficial owners of 5% or more of the issuer's common stock on June 1, 2009.

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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: September 18, 2009

GGCP, INC.

MARIO J. GABELLI

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

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

Silvio A. Berni Vice President, Assistant 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

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

Agnes Mullady Senior Vice President

Jeffrey M. Farber Executive Vice President and Chief Financial Officer Christopher Michailoff Acting Secretary GAMCO Asset Management Inc. Directors: Douglas R. Jamieson Regina M. Pitaro William S. Selby Officers: Mario J. Gabelli Chief Investment Officer - Value Portfolios Douglas R. Jamieson President Jeffrey M. Farber Chief Financial Officer Christopher J. Michailoff General Counsel and Secretary Gabelli Funds, LLC Officers: Mario J. Gabelli Chief Investment Officer - Value Portfolios Bruce N. Alpert Executive Vice President and Chief Operating Officer Vice President and President Closed-End Fund Division Agnes Mullady Teton Advisors, Inc. Directors: Bruce N. Alpert Chairman See above Douglas R. Jamieson Nicholas F. Galluccio Chief Executive Officer and President Alfred W. Fiore 1270 Avenue of the Americas 20th Floor New York, NY 10020 Edward T. Tokar Beacon Trust Senior Managing Director 333 Main Street Madison, NJ 07940 Howard F. Ward Portfolio Manager GAMCO Investors, Inc. One Corporate Center Rye, NY 10580 Officers: Bruce N. Alpert See above Nicholas F. Galluccio See above Jeffrey M. Farber Chief Financial Officer

Gabelli Securities, Inc.

Directors:

Robert W. Blake President of W. R. Blake & Sons, Inc.

> 196-20 Northern Boulevard Flushing, NY 11358

Douglas G. DeVivo General Partner of ALCE Partners, L.P.

One First Street, Suite 16 Los Altos, CA 94022

Douglas R. Jamieson

President

Douglas R. Jamieson	See above
Christopher J. Michailoff	Secretary
Jeffrey M. Farber	Chief Financial Officer
Gabelli & Company, Inc. Directors:	
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:	
Mario J. Gabelli	Chairman, Trustee & Chief Investment Officer
Elisa M. Wilson	President
MJG-IV Limited Partnership Officers:	
Mario J. Gabelli	General Partner
	11

Officers:

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.

CAMOO AGGET	MANIAGEMEN	IT DIG
GAMCO ASSET 9/17/09	15,000-	17.9787
9/16/09	128-	18.0605
9/16/09	4,000-	17.8775
9/16/09	5,300-	17.8725
9/15/09	8,000-	18.0008
9/15/09	1,000-	17.9108
9/15/09	800- 1,424-	18.0400
9/14/09 9/11/09	20,328-	17.8072 17.8149
9/10/09	4,528-	17.8053
9/10/09	100-	17.6400
9/09/09	128-	17.7600
9/08/09	956-	17.6450
9/08/09	3,000-	17.7016
9/04/09	2,000- 5,000-	17.6100
9/04/09 8/31/09	300-	17.6922 17.5308
8/28/09	5,000-	17.5308
8/27/09	428-	17.6617
8/27/09	200-	17.7700
8/25/09	4,620-	17.9835
8/25/09	4,620	17.9835
8/25/09	12,500-	18.0240
8/24/09	2,119-	18.0642
8/24/09	6,400-	18.1102
8/20/09 8/19/09	2,000- 2,000-	17.6885 17.6660
8/18/09	2,000-	17.6900
8/11/09	14,888-	17.3452
8/10/09	26,500-	17.3432
8/07/09	551-	17.2709
8/07/09	1,071-	17.3306
8/07/09	10,000-	17.3176
8/07/09	2,730-	17.3000
8/07/09 8/07/09	342- 584-	17.2825 17.2909
8/07/09	700-	17.2909
8/07/09	700-	17.2605
8/07/09	45,587-	17.3176
8/07/09	1,512-	17.3300
8/07/09	1,426-	17.2800
8/07/09	5,568-	17.3500
8/07/09	2,000-	17.3600
8/07/09	500- 200-	17.3601 17.3620
8/07/09 8/07/09	10,000	17.3020
8/06/09	2,000-	16.8200
8/06/09	2,268-	16.9409
8/06/09	4,989-	16.9666
8/06/09	1,856-	16.8654
8/06/09	54,545-	16.9925
8/06/09	700-	16.8593
8/06/09 8/06/09	9,404- 6,500-	16.8593 16.8639
8/06/09	700	16.8593
7/31/09	128-	15.9400
7/31/09	1,300-	*DO
7/30/09	5,000-	16.0748
7/30/09	1,500	15.9400
7/29/09	200-	15.7600
7/28/09	5,000-	15.8700
7/27/09 7/27/09	3,500- 500	15.8800 15.8300
7/24/09	1,500-	15.8800
7/22/09	1,000	15.4300
7/21/09	572	15.3700
7/20/09	2,000-	15.6200
GABELLI FUND		
GABELLI UTI		15 0500
7/24/09 GABELLI UTI	5,000-	15.8596
7/24/09	5,000-	15.8506
1124107	2,000	15.5500

G.	ABELLI DIVII	DEND & INC	OME TRUST
	7/27/09	5,000-	15.9400
TF	HE GABELLI (GLOBAL DE	AL FUND
	9/17/09	2,000-	17.9500
	9/16/09	5,000-	18.0602
	8/21/09	7,300-	18.0532
	7/30/09	5,000-	16.0200
	7/30/09	2,700-	16.2600
G.	ABELLI ASSE		
	9/11/09	5,000-	17.7370
G/	ABELLI ENTE	RPRISE M&	A FUND
	9/16/09	2,000-	17.9500
	9/08/09	2,000-	17.6600
	9/04/09	2,300-	17.7043
	8/12/09	14,700-	17.6773
	8/07/09	30,000-	17.3764
	8/06/09	30,000-	17.0175
	7/30/09	5,000-	16.0400
	7/24/09	10,000-	15.8622
	7/20/09	2,200-	15.6200
		*	

- (1) UNLESS OTHERWISE INDICATED, ALL TRANSACTIONS WERE EFFECTED ON THE NYSE.
- (2) PRICE EXCLUDES COMMISSION.
- (*) RESULTS IN CHANGE OF DISPOSITIVE POWER AND BENEFICIAL OWNERSHIP.