FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT	OF CHAN	GES IN F	RENEEICIAI	OWNERSHIP
SIAILMLINI	OF CHAIN	GES IIV	DENEFICIAL	OWNERSHIP

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

LIC WITC		Name and Address of Reporting Person* CHESSER MICHAEL J				2. Issuer Name and Ticker or Trading Symbol GREAT PLAINS ENERGY INC [GXP]								5. Relationship of Reporting Person(s) to Issuer (Check all applicable)						
	CHEOSER WICHAEL J													X Direc		ctor		10% Owner		
(Last) (First) (Middle) C/O GREAT PLAINS ENERGY INCORPORATED 1200 MAIN STREET				3. Date of Earliest Transaction (Month/Day/Year) 12/27/2012									Officer (give title below)			Other (specify below)) · · · · ·		
				4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Individual or Joint/Group Filing (Check Applicable Line)						
S CITY M	0 6	54105												X	X Form filed by One Reporting Person Form filed by More than One Reportin Person					
(St	ate) (Zip)																		
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																				
		2. Transaction Date (Month/Day/Year)		ar) E	2A. Deemed Execution Date, if any (Month/Day/Year)		3. Transaction Code (Instr. 8)						4 and Secur Benef Owne		ties cially d Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership		
							Code	v	Amount	(A) or (D)		Price	_ т	Transaction(s) (Instr. 3 and 4)				(Instr. 4)		
Stock			12/27	7/2012				A		685(1)		A	\$	0	19	7,606 ⁽²⁾	D			
Common Stock			12/27	2/27/2012				S		3,100(3	3)	D	\$20.04		194,506		D			
Common Stock			12/28	12/28/2012				S		3,100(3	3)	D	\$20.13		191,406		D			
Common Stock													3,050(4)		I		401(k)			
Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																				
Derivative Conversion Date Execution or Exercise (Month/Day/Year) if any		n Date,		ransaction of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		Expiration Date (Month/Day/Year) Date Expiratio		e ar)	Amount of Securities Underlying Derivative Security (Instr. and 4) Amoun or Numbe of		ount	Derivative Security (Instr. 5)		derivative Securities Beneficially Owned Following Reported	Owner Form Direct or Inc (I) (In	: t (D) direct	11. Nature of Indirect Beneficial Ownership (Instr. 4)			
	EAT PLAIN IN STREE CITY M (St Gecurity (Inst Stock Stock Stock Stock Conversion or Exercise Price of Derivative	EAT PLAINS ENERGY INC. IN STREET SCITY MO (State) (State) (Table Security (Instr. 3) Stock Stock Stock Stock Stock Ta 2. Conversion or Exercise Price of Date (Month/Day/Year) Date (Month/Day/Year)	EAT PLAINS ENERGY INCORPORTION STREET SCITY MO 64105 (State) (Zip) Table I - Note of the content of the cont	CAT PLAINS ENERGY INCORPORATED IN STREET SCITY MO 64105 (State) (Zip) Table I - Non-Derive (Month/It) Stock 12/27 Stock 12/27 Stock 12/28 Stock 12/28 Stock 12/28 Stock 3. Transaction Date (Month/Day/Year) Conversion or Exercise Price of Derivative (Month/Day/Year)	EAT PLAINS ENERGY INCORPORATED JIN STREET SCITY MO Getate) Table I - Non-Derivative Gecurity (Instr. 3) 2. Transaction Date (Month/Day/Yea) Stock 12/27/2012 Stock Table II - Derivative Security (Instr. 3) 2. Transaction Date (Month/Day/Yea) Stock 12/27/2012 A. It	Table I - Non-Derivative Security (Instr. 3) Stock Stock Table II - Derivative Security (Instr. 3) Table II - Derivative Security (Instr. 3)	Table I - Non-Derivative Securities (Month/Day/Year) Stock Table II - Derivative Securities (e.g., puts, calls, warr (Month/Day/Year) Table II - Derivative Securities (e.g., puts, calls, warr (Month/Day/Year) 3. Transaction Date (Month/Day/Year) Table III - Derivative Securities (e.g., puts, calls, warr (Month/Day/Year) 2. Table III - Derivative Securities (e.g., puts, calls, warr (Month/Day/Year) 3. Transaction Date (Month/Day/Year) 4. Transaction Code (Instr. 8) 5. No Code (Instr. 8) 6. Transaction Date (Month/Day/Year) 6. Transaction Date (Month/Day/Year)	Table I - Non-Derivative Securities Acquired (e.g., puts, calls, warrants, Price of Derivative Security (Month/Day/Year) 2. Transaction Date (Month/Day/Year) Stock Table II - Derivative Securities Acquired (e.g., puts, calls, warrants, first any (Month/Day/Year) 2. Table II - Derivative Securities Acquired (e.g., puts, calls, warrants, first any (Month/Day/Year) 3. Transaction Date (e.g., puts, calls, warrants, first any (Month/Day/Year) 3. Transaction Date (A) or Disposed of (D) (Instr. 3, 4 and 5)	Table I - Non-Derivative Securities Acquired, Month/Day/Year) Stock Table II - Perivative Securities Acquired Stock Table II - Derivative Securities Acquired Securities Acquired Stock Table II - Derivative Securities Acquired Securities Acquired Securities Acquired Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) Date Date	12/27/2012 12/	12/27/2012 12/	AT PLAINS ENERGY INCORPORATED IN STREET Table I - Non-Derivative Securities Acquired, Disposed of, or Grant of Code (Instr. 3) In Street Table I - Non-Derivative Securities Acquired, Disposed of (Disposed of (12/27/2012 12/	12/27/2012 12/	12/27/2012 4. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individually Note of CITY MO 64105 7. Transaction Date (Month/Day/Year) 7. Transaction Pate (Month/Day/Year) 8. Price of Derivative Securities Acquired (Month/Day/Year) 8. Price of Deriva	AT PLAINS ENERGY INCORPORATED IN STREET 4. If Amendment, Date of Original Filed (Month/Day/Year) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owner (Month/Day/Year) 2. Transaction Date (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) Stock 12/27/2012 2. Transaction Date (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) 2. Transaction Code (Instr. 3) 3. Transaction Date (Instr. 3) 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and S) Stock 12/27/2012 5. An G85(1) A (685(1) A (9) Figure (Instr. 3) A (685(1) A (9) Figure (Instr. 3) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible Securities) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible Securities) Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible Securities) 12. Transaction Date (Instr. 3) 3. Transaction Date (Instr. 3) 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) Stock 12/27/2012 5. All Month/Day/Year) 5. Number of Expectation Date (Month/Day/Year) 8. Date Exerctisable and Execution Date (Month/Day/Year) 8. Date Exercisable and Execution Da	12/27/2012 4. If Amendment, Date of Original Filed (Month/Day/Year) 5. CITY MO 64105	AT PLAINS ENERGY INCORPORATED IN STREET 4. If Amendment, Date of Original Filed (Month/Day/Year) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Date A Code V Amount Code Cod	AT PLAINS ENERGY INCORPORATED IN STREET 12/27/2012 4. Amendment, Date of Original Filed (Month/Day/Year) 5. Individual or Joint/Group Filing (Check A Line) X Form filed by More than One Rep Form filed by More filed by More than One Rep Form filed by More than One Rep Form filed by More than One Rep Form filed by More filed by More than One Rep Form filed by More filed by Mo	

Explanation of Responses:

- 1. Director Shares acquired under the Long-Term Incentive Plan.
- 2. Amount includes 6 shares acquired between September 26, 2012, and December 27, 2012, through participation in the Company's Dividend Reinvestment and Direct Stock Purchase Plan.
- 3. The sale reported on this Form 4 was effected pursuant to a Rule 10b5-1 Sales Plan adopted by the reporting person on September 4, 2012.
- 4. Amount includes 32 shares acquired between September 26, 2012, and December 28, 2012, from automatic payroll deduction/investment and participation in the Company's 401(k) Plan.

Executed on behalf of Michael

J. Chesser by Jaileah X.

12/28/2012

Huddleston, attorney-in-fact

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- * If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.