

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

1. Name and Address of Reporting Person* EASLEY STEPHEN T			2. Issuer Name and Ticker or Trading Symbol GREAT PLAINS ENERGY INC [GXP]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title below) <input checked="" type="checkbox"/> Other (specify below) Former SVP - Supply		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 01/02/2009			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person		
1201 WALNUT ST.			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street)	KANSAS CITY MO 64106							
(City)	(State)	(Zip)						

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock								2,002 ⁽¹⁾	I	401(k)
Common Stock	01/02/2009		D		35,312 ⁽²⁾	D	\$0	22,888 ⁽³⁾	D	

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock options (right-to-buy)	\$25.55	01/02/2009		D		6,000 ⁽⁴⁾		02/06/2004	02/06/2011	Common Stock	6,000	\$0	0	D	
Stock options (right-to-buy)	\$24.9	01/02/2009		D		13,000 ⁽⁴⁾		02/05/2005	02/05/2012	Common Stock	13,000	\$0	0	D	
Stock options (right-to-buy)	\$27.73	01/02/2009		D		2,449 ⁽⁴⁾		08/05/2006	08/05/2013	Common Stock	2,449	\$0	0	D	

Explanation of Responses:

- Amount includes 106 shares acquired between May 6, 2008 and January 9, 2009 from automatic payroll deduction/investment and participation in the Company's 401-k Plan.
- Forfeiture of restricted stock upon resignation, including 1,866 shares acquired between May 6, 2008 and January 9, 2009 through reinvestment of dividends on restricted stock through participation in the Company's Dividend Reinvestment and Direct Stock Purchase Plan.
- Amount includes 1,209 shares acquired between May 6, 2008 and January 9, 2009 through participation in the Company's Dividend Reinvestment and Direct Stock Purchase Plan.
- Forfeiture of stock options and tandem stock appreciation rights upon resignation.

Remarks:

/s/ Stephen T. Easley 01/09/2009
 ** 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.