FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT	OF CHANGES	S IN BENEFICIAL	. OWNERSHIP

OMB APPROVAL								
OMB Number:	3235-0287							
Estimated average burden								

0.5

hours per response:

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

1. Name and Address of Reporting Person*  BASSHAM TERRY D					2. Issuer Name <b>and</b> Ticker or Trading Symbol GREAT PLAINS ENERGY INC [ GXP ]										Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner					
(Last) 1201 WA		(First) (Middle)					3. Date of Earliest Transaction (Month/Day/Year) 05/05/2009									X	Office	Officer (give title below)  CFO, E		er (specify w)
(Street) KANSAS		MO (State)		4106 Zip)		4. If <i>i</i>	Amei	ndment,	Date o	f Original	Filed	(Month/Da	ay/Yea	ar)		Indiv ne) X	Form	n filed by One n filed by Mor	Filing (Checker Reporting Peace than One Re	rson
			Table	e I - Nor	า-Deriva	ative	Sec	curitie	s Acc	quired,	Dis	posed o	f, or	Bene	ficia	ally (	Owne	ed		
1. Title of Security (Instr. 3)  2. Transac Date (Month/Da				Execution Date			Date,	Transaction Disposed Code (Instr. 5)		ities Acquired (A) d Of (D) (Instr. 3, 4			4 and Secu Bene		cially I Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Ownership			
									v	Amount		(A) or (D)	Price	Tran		action(s) 3 and 4)		(Instr. 4)		
Common Stock 05/05/2					/2009		A		81,138 <sup>(1)</sup> A		A	\$ <mark>0</mark>	118		8,031(2)	D				
			Та							,		sed of, onvertib				y Ov	vned			
1. Title of Derivative Security (Instr. 3) Price of Derivativ Security		ercise (Month/Day/Ye of utive		Fransaction 3A. Deemete Execution		4. Transaction Code (Instr. 8)				6. Date Exercisable and Expiration Date (Month/Day/Year)  Date Expiration			7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4)		ount			9. Number of derivative Securities Beneficially Owned Following Reported Transaction( (Instr. 4)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)

## Explanation of Responses:

- 1. Awards of restricted stock pursuant to the Company's Long-Term Incentive Plan.
- 2. Amount includes 311 shares acquired between February 6, 2009, and May 5, 2009, through participation in the Company's Dividend Reinvestment and Direct Stock Purchase Plan.

## Remarks:

Terry D. Bassham

05/07/2009

\*\* Signature of Reporting Person

Date

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

- $^{\star}$  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.