FORM 4

Check this box if no longer subjection 16. Form 4 or Form 5

obligations may continue. See

Instruction 1(b).

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington,	D.C.	20549

ect to	STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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* FERGUSON RANDALL C JR					GREAT PLAINS ENERGY INC [GXP]										(Ct	eck all a	nip of Re oplicable ector		Person(s) to Is	
(Last) (First) (Middle) C/O GREAT PLAINS ENERGY INCORPORATE 1200 MAIN STREET				ATED	09/	/30/2	011			`		Oay/Year)	6.1	be	or loint		below)			
(Street) KANSA	S CITY N	10	64105		4.11	IAIIIC	mameni	i, Daie	. OI C	nginai i	iieu	(MOHUWE	Lin	e) <mark>X</mark> Fo	rm filed b	r Joint/Group Filing (Check Applic n filed by One Reporting Person n filed by More than One Reportin on				
(City)	(:		(Zip)	Doriv	ativo	. 50	ouritie	oc A		irod [ancod .	of or		oficial	ly Ow				
1. Title of Security (Instr. 3)			ie i - Noii	2. Transaction Date (Month/Day/Year)			2A. Deemed Execution Date if any (Month/Day/Yea			3. Transac Code (li 8)	tion	4. Secu	rities Acquired (A) ed Of (D) (Instr. 3,		d (A) or	5. A Seci Ben Owr	nount of rities eficially ed Follov	Fo (C	Ownership orm: Direct O) or Indirect) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
							Code		Amoun		A) or D)	Price	Tran	Reported Transaction(s) (Instr. 3 and 4)			(msu. 4)			
Common Stock																	6,395(1)		D	
Common Stock															1,200			I	Keough Plan	
		Т	able II - D									sed of				Owne	d			
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution I if any (Month/Day	Date,	4. Transactic Code (Inst		5. Nu of Deriv Secu Acqu (A) or Dispo of (D) (Instr	rities ired r osed) . 3, 4	6. Date Exercisab Expiration Date (Month/Day/Year)			Amount of			8. Price Derivati Security (Instr. 5)	deriv Secu Bene Own Follo Repo	wing orted saction(s	Ownersh Form: Direct (D) or Indirec (I) (Instr.	Beneficial Ownership (Instr. 4)	
					Code	e V	(A)	(D)	Date Exe	e ercisable		piration te	Title	O N O	lumber					
Director Deferred Share Units	(2)	09/30/2011			A		713			(2)		(2)	Commo		713	\$0 ⁽²⁾	10),542 ⁽³⁾	D	

Explanation of Responses:

- 1. Amount includes 7 shares acquired between June 30, 2011, and September 30, 2011, through participation in the Company's Dividend Reinvestment and Direct Stock Purchase Plan.
- 2. Director Deferred Share Units are granted under the Long-Term Incentive Plan. Each unit represents the right-to-receive one share of Great Plains Energy Common Stock, plus stock reflecting reinvested dividends. Units are converted to stock and distributed on the January 31 next following the date of termination of service on the Board.
- 3. Amount includes 101 Director Deferred Share Units ("DSUs") accrued from June 30, 2011, through September 30, 2011, through dividend reinvestment.

Executed on behalf of Randall

C. Ferguson, Jr. by Jaileah X.

10/04/2011

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.