

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

<p>1. Name and Address of Reporting Person* <u>Caisley Charles A.</u></p> <p>(Last) (First) (Middle)</p> <p><u>C/O GREAT PLAINS ENERGY INCORPORATED</u> <u>1200 MAIN STREET</u></p> <p>(Street)</p> <p><u>KANSAS CITY MO</u> <u>64105</u></p> <p>(City) (State) (Zip)</p>	<p>2. Issuer Name and Ticker or Trading Symbol <u>GREAT PLAINS ENERGY INC [GXP]</u></p>	<p>5. Relationship of Reporting Person(s) to Issuer (Check all applicable)</p> <p>Director 10% Owner X Officer (give title below) Other (specify below) <u>VP-Marketing & Public Affairs</u></p>
<p>3. Date of Earliest Transaction (Month/Day/Year) <u>03/21/2016</u></p>		<p>6. Individual or Joint/Group Filing (Check Applicable Line)</p> <p>X Form filed by One Reporting Person Form filed by More than One Reporting Person</p>
<p>4. If Amendment, Date of Original Filed (Month/Day/Year)</p>		

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)
Common Stock	03/21/2016		F		5 ⁽¹⁾	D	\$31.35	23,096 ⁽²⁾	D	
Common Stock								100	I	By Daughter
Common Stock								700	I	By Wife

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					

Explanation of Responses:

- 1. Relinquished to the Company for withholding taxes incident to the vesting of DRIP shares related to a restricted stock award.
- 2. Amount includes 49 shares acquired between March 7, 2016, and March 21, 2016, through participation in the Company's Dividend Reinvestment and Direct Stock Purchase Plan.

Executed on behalf of Charles A. Caisley by Jaileah X. Huddleston, attorney-in-fact
03/23/2016
 ** 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.