## SEC Form 5

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# FORM 5

Form 3 Holdings Reported Form 4 Transactions Reported. UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

### **ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

OMB APPROVAL

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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* CHESSER MICHAEL J			2. Issuer Name <b>and</b> Ticker or Trading Symbol <u>GREAT PLAINS ENERGY INC</u> [ GXP ]		tionship of Reporting Per all applicable) Director Officer (give title	10% Owner Other (specify below)
(Last) (First) (Mi 1201 WALNUT		(Middle)	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2004		below) Chairman and	
(Street) KANSAS CITY (City)	MO (State)	64106 (Zip)	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv Line) X	vidual or Joint/Group Filing Form filed by One Rep Form filed by More that Person	orting Person

### 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/Dav/Year)	Code (Instr.	4. Securities Acc Of (D) (Instr. 3, 4		or Disposed	5. Amount of Securities Beneficially Owned at end of	Ownership Form: Direct (D) or	7. Nature of Indirect Beneficial Ownership (Instr. 4)
		(Monthi/Day/Tear)		Amount	(A) or (D)	Price	Issuer's Fiscal Year (Instr. 3 and 4)		
Common Stock <sup>(1)</sup>	01/13/2005(1)	(1)	J	1,997	Α	(1)	38,871 <sup>(2)</sup>	D	

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

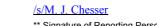
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	of		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of 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)
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

#### Explanation of Responses:

1. Shares acquired since last report through December 31, 2004 through automatic reinvestment of quarterly dividends on restricted stock through participation in the Company's Dividend Reinvestment and Direct Stock Purchase Plan. Dividends acquired on restricted stock are restricted in the same manner as the restricted stock.

2. Amount includes/reflects 36,405 restriced shares.

#### **Remarks:**



01/13/2005 Date

\*\* Signature of Reporting Person

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.