### INTEGRYS ENERGY GROUP, INC.

Form 4

September 12, 2007

## FORM 4

### UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB Number:

3235-0287

Expires:

January 31, 2005

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**OMB APPROVAL** 

response...

subject to Section 16. Form 4 or

Check this box

if no longer

Form 5 obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * NANCE STEVEN W			2. Issuer Name and Ticker or Trading Symbol INTEGRYS ENERGY GROUP,	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)		
			INC. [TEG]			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)	Director 10% Owner Officer (give title Other (specify		
130 E. RANDOLPH DRIVE			09/11/2007	below) below) President, PEP, a subsidiary		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person		
CHICAGO, IL 60601				Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Ta	ble I - Non	-Derivativ	ve Sec	urities A	cquired, Dispose	ed of, or Bene	eficially Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common Stock	09/11/2007		M	800	A	\$ 49.89	7,404.225	D	
Common Stock	09/11/2007		S	800	D	\$ 50.15	6,604.225	D	
Common Stock	09/11/2007		M	200	A	\$ 49.89	6,804.225	D	
Common Stock	09/11/2007		S	200	D	\$ 50.09	6,604.225	D	
Common Stock	09/11/2007		M	300	A	\$ 49.89	6,904.225	D	

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Common Stock	09/11/2007	S	300	D	\$ 50.08	6,604.225	D	
Common Stock	09/11/2007	M	1,020	A	\$ 49.89	7,624.225	D	
Common Stock	09/11/2007	S	1,020	D	\$ 50.1	6,604.225	D	
Common Stock	09/11/2007	M	700	A	\$ 49.89	7,304.225	D	
Common Stock	09/11/2007	S	700	D	\$ 50.11	6,604.225	D	
Common Stock	09/11/2007	M	400	A	\$ 49.89	7,004.225	D	
Common Stock	09/11/2007	S	400	D	\$ 50.12	6,604.225	D	
Common Stock	09/11/2007	M	600	A	\$ 49.89	7,204.225	D	
Common Stock	09/11/2007	S	600	D	\$ 50.13	6,604.225	D	
Common Stock	09/11/2007	M	600	A	\$ 49.89	7,204.225	D	
Common Stock	09/11/2007	S	600	D	\$ 50.14	6,604.225	D	
Common Stock						3,619.6645	I	Trustee/401(k) Plan

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

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 control number.

SEC 1474 (9-02)

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5. Nun	nber	6. Date Exercis	sable and	7. Title and A	Amount of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	onof Deri	ivative	<b>Expiration Dat</b>	e	Underlying S	Securities
Security	or Exercise		any	Code	Securit	ties	(Month/Day/Y	ear)	(Instr. 3 and	4)
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Acquir	red				
	Derivative				(A) or					
	Security				Dispos	sed of				
	•				(D)					
					(Instr.	3, 4,				
					and 5)					
						-	_			
				Code V	(A)	(D)	Date	Expiration	Title	Amount
							Exercisable	Date		or
										Number
										of

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								Shares
Stock Option (Right to buy)	\$ 49.89	09/11/2007	M	800	10/03/2002	10/03/2011	Common Stock	800
Stock Option (Right to buy)	\$ 49.89	09/11/2007	M	200	10/03/2002	10/03/2011	Common Stock	200
Stock Option (Right to buy)	\$ 49.89	09/11/2007	M	300	10/03/2002	10/03/2011	Common Stock	300
Stock Option (Right to buy)	\$ 49.89	09/11/2007	M	1,020	10/03/2002	10/03/2011	Common Stock	1,020
Stock Option (Right to buy)	\$ 49.89	09/11/2007	M	700	10/03/2002	10/03/2011	Common Stock	700
Stock Option (Right to buy)	\$ 49.89	09/11/2007	M	400	10/03/2002	10/03/2011	Common Stock	400
Stock Option (Right to buy)	\$ 49.89	09/11/2007	M	600	10/03/2002	10/03/2011	Common Stock	600
Stock Option (Right to buy)	\$ 49.89	09/11/2007	M	600	10/03/2002	10/03/2011	Common Stock	600

# **Reporting Owners**

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
NANCE STEVEN W 130 E. RANDOLPH DRIVE CHICAGO, IL 60601			President, PEP, a subsidiary			

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## **Signatures**

By: Barth J. Wolf, as Power of Attorney For: Mr.
Nance
09/12/2007

\*\*Signature of Reporting Person Date

## **Explanation of Responses:**

- \* 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).

#### **Remarks:**

Trustee/401(k) Plan: Acquired or disposed of on a periodic basis by the Trustee of the Company's Capital Accumulation Plan Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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