INTEGRYS ENERGY GROUP, INC.

Form 4

February 23, 2007

FORM 4

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

OMB Number:

Expires:

OMB APPROVAL

3235-0287 January 31,

2005

if no longer STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to **SECURITIES** Section 16.

Estimated average burden hours per response... 0.5

Form 4 or Form 5 obligations may continue.

See Instruction

Check this box

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 * DONOFRIO KATHERINE A			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
			INTEGRYS ENERGY GROUP, INC. [TEG]	(Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)	Director 10% Owner X Officer (give title Other (specify		
130 E. RANDOLPH DRIVE			02/21/2007	below) below) VP - Strategic Planning		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
CHICAGO, 1	IL 60601		Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting		
·				Person		
(City)	(State)	(Zip)	T-11. I N D			

(City)	(State)	(Zip) 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. Transactic Code (Instr. 8)	4. Securities Accordisposed of (D) (Instr. 3, 4 and 5		(A) or	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)		
Common Stock	02/21/2007		A	15,095.2036	A	\$ 0 (1)	15,095.2036	D			
Common Stock	02/21/2007		A	412.0205	A	\$ 0 (2)	412.0205	I	Trustee/ESOP		

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

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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. Transactio Code (Instr. 8)	5. Number of or Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Derivative Expiration Date Securities (Month/Day/Year) Acquired (A) or Disposed of (D) (Instr. 3, 4,		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to buy)	\$ 49.89	02/21/2007		A	12,375	10/03/2002	10/03/2011	Common Stock	12,375

Reporting Owners

Reporting Owner Name / Address	Relationships							
1	Director	10% Owner	Officer	Other				
DONOFRIO KATHERINE A 130 E. RANDOLPH DRIVE			VP - Strategic Planning					
CHICAGO, IL 60601								

Signatures

By: Peter H. Kauffman, as Powe of Attorney For: Ms. Donofrio

02/23/2007

**Signature of Reporting Person

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).
- In connection with the February 21, 2007, merger transaction whereby Peoples Energy Corporation became a wholly owned subsidiary of (1) Integrys Energy Group, Inc., investments in Peoples Energy were converted to investments in Integrys Energy Group at the merger exchange ratio of .825 shares for each share of Peoples Energy. The conversion was exempt from Section 16(b) pursuant to Rule 16b-3.

Date

- In connection with the February 21, 2007, merger transaction whereby Peoples Energy Corporation became a wholly owned subsidiary of Integrys Energy Group, Inc., shares held by the Trustee of the Employee Stock Ownership Plan for the reporting person's account, were converted to shares in Integrys Energy Group at the merger exchange ratio of .825 shares for each share of Peoples Energy. The conversion was exempt from Section 16(b) pursuant to Rule 16b-3
- In connection with the February 21, 2007, merger transaction whereby Peoples Energy Corporation became a wholly owned subsidiary of (3) Integrys Energy Group, Inc., options to acquire common stock of Peoples Energy were converted to options to acquire common stock of Integrys based on the merger exchange ratio. The conversion was exempt from Section 16(b) pursuant to Rule 16b-3.

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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