INTEGRYS ENERGY GROUP, INC.

Form 4

September 24, 2007

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Check this box

if no longer

Section 16.

subject to

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Washington, D.C. 20549

Form 4 or 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).

Stock

Stock

Common

(Print or Type Responses)

WEYERS LARRY L Symbol INTE				2. Issuer Name and Ticker or Trading /mbol NTEGRYS ENERGY GROUP, NC. [TEG]					5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) 130 E. RAN	(First) (I	Middle)	3. Date of Earliest Transaction (Month/Day/Year) 09/20/2007				_X_ Director 10% Owner _X_ Officer (give title below) below) President and CEO					
CHICAGO,	(Street)		4. If Ame Filed(Mon			Č	1		6. Individual or Jo Applicable Line) _X_ Form filed by Form filed by Person	•	rson	
(City)	(State)	(Zip)	Tabl	e I - Non	- D (erivative	Secur	rities Acq	uired, Disposed o	f, or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Execution	emed on Date, if Day/Year)	3. Transac Code (Instr. 8		4. Securin(A) or Di (Instr. 3,	ispose	d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		
Common Stock	09/24/2007			Code M	V	Amount 100		Price \$ 34.09	(Instr. 3 and 4) 13,294.725	D		
Common Stock	09/24/2007			S		100	D	\$ 51.85	13,194.725	D		

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

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1,694.5198

Ι

51.85

By ESOP

number.

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. 5. Number of TransactionDerivative Code Securities Acquired (Instr. 8) (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title an Underlyin (Instr. 3 aı	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title
Employee Stock Option (Right to buy)	\$ 34.09 (1)	09/24/2007		M		1,300	12/13/2002	12/13/2011	Commo Stock
Employee Stock Option (Right to buy)	\$ 34.09 (1)	09/24/2007		M		100	12/13/2002	12/13/2011	Commo Stock
Employee Stock Option (Right to buy)	\$ 34.09 (1)	09/24/2007		M		100	12/13/2002	12/13/2011	Commo Stock
Employee Stock Option (Right to buy)	\$ 34.09 (1)	09/24/2007		M		600	12/13/2002	12/13/2011	Commo Stock
Employee Stock Option (Right to buy)	\$ 34.09 (1)	09/24/2007		M		200	12/13/2002	12/13/2011	Commo Stock
Employee Stock Option (Right to buy)	\$ 34.09 (1)	09/24/2007		M		1,400	12/13/2002	12/13/2011	Commo Stock
Employee Stock Option (Right to buy)	\$ 34.09 (1)	09/24/2007		M		4,513	12/13/2002	12/13/2011	Commo Stock
Employee Stock Option (Right to buy)	\$ 34.09 (1)	09/24/2007		M		300	12/13/2002	12/13/2011	Commo Stock
Employee Stock Option	\$ 34.09 (1)	09/24/2007		M		1,600	12/13/2002	12/13/2011	Commo Stock

(Right to buy)									
Employee Stock Option (Right to buy)	\$ 34.09 (1)	09/24/2007	Ν	М		1,000	12/13/2002	12/13/2011	Commo Stock
Employee Stock Option (Right to buy)	\$ 34.09 (1)	09/24/2007	Ν	М		700	12/13/2002	12/13/2011	Commo Stock
Employee Stock Option (Right to buy)	\$ 34.09 (1)	09/24/2007	Ν	М		700	12/13/2002	12/13/2011	Commo Stock
Employee Stock Option (Right to buy)	\$ 34.09 (1)	09/24/2007	Ν	М		400	12/13/2002	12/13/2011	Commo Stock
Employee Stock Option (Right to buy)	\$ 34.09 (1)	09/24/2007	Ν	М		200	12/13/2002	12/13/2011	Commo Stock
Employee Stock Option (Right to buy)	\$ 34.09 (1)	09/24/2007	Ν	М		200	12/13/2002	12/13/2011	Commo Stock
Employee Stock Option (Right to buy)	\$ 34.09 (1)	09/24/2007	Ν	М		100	12/13/2002	12/13/2011	Commo
Phantom Stock Unit	(2)	09/20/2007	F	A 7	03.405		<u>(3)</u>	<u>(4)</u>	Commo
Employee Stock Option (Right to buy)	\$ 37.96 (5)						12/12/2003	12/12/2012	Commo
Employee Stock Option (Right to buy)	\$ 44.73 (6)						12/10/2004	12/10/2013	Commo Stock
Employee Stock Option (Right to buy)	\$ 48.11 <u>(7)</u>						12/08/2005	12/08/2014	Commo
							12/07/2007	12/07/2016	

Employee Stock Option (Right to buy)	\$ 52.73 (8)			Commo Stock
Employee Stock Option (Right to buy)	\$ 54.85 (9)	12/07/2006	12/07/2015	Commo Stock
Employee Stock Option (Right to buy)	\$ 58.65 (10)	05/17/2008	05/17/2017	Commo Stock
Performance Rights	\$ 0 <u>(11)</u>	01/01/2008(12)	06/30/2008	Commo Stock
Performance Rights	\$ 0 <u>(11)</u>	01/01/2009(12)	06/30/2009	Commo Stock
Performance Rights	\$ 0 <u>(13)</u>	12/31/2009(13)	03/31/2010	Commo Stock
Performance Rights	\$ 0 <u>(11)</u>	01/01/2010(12)	06/30/2010	Commo Stock

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
WEYERS LARRY L 130 E. RANDOLPH DRIVE CHICAGO, IL 60601	X		President and CEO			

Signatures

By: Barth J. Wolf, as Power of Attorney For: Mr.
Weyers

09/24/2007

**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).
- (1) The option vests in four equal annual installments beginning on December 13, 2002.
- (2) These phantom stock units convert to common stock on a one-for-one basis.
- (3) Unless the participant has selected a later commencement date, distribution of stock and equivalents will commence within 60 days following the end of the calendar year in which occurs the participant's retirement or termination of service.
- (4) Unless the participant has selected a later commencement date, distribution of stock and equivalents will commence within 60 days following the end of the calendar year in which occurs the participant's retirement or termination of service.

(5) The option vests in four equal annual installments beginning on December 12, 2003.

Reporting Owners 4

- (6) The option vests in four equal annual installments beginning on December 10, 2004.
- (7) The option vests in four equal annual installments beginning on December 8, 2005.
- (8) The option vests in four equal annual installments beginning on December 7, 2007.
- (9) The option vests in four equal annual installments beginning on December 7, 2006.
- (10) The option vests in four equal annual installments beginning on May 17, 2008.
- (11) Performance shares vest and are issued three years after the performance shares are awarded and the final number of shares issued is determined based on company performance against an established industry benchmark.
- (12) Performance shares vest and are issued three years after the performance shares are awarded and the final number of shares issued is determined based on company performance against an established industry benchmark.
- (13) The final number of shares issued will be based on company performance against an established industry benchmark for the performance period April 1, 2007, to December 31, 2009.

Remarks:

Table 1 reflects dividends paid on Restricted Stock and reinvested in additional Restricted Stock under the company's 2007 On 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.