

INTEGRYS ENERGY GROUP, INC.
 Form 4
 May 22, 2008

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
RADTKE MARK A

 (Last) (First) (Middle)
 700 NORTH ADAMS STREET, P. O. BOX 19001
 (Street)
 GREEN BAY, WI 54307-9001
 (City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
INTEGRYS ENERGY GROUP, INC. [TEG]

3. Date of Earliest Transaction (Month/Day/Year)
05/20/2008

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)
 ___ Director ___ 10% Owner
X Officer (give title below) ___ Other (specify below)
 Pres, Integrys Enrgy Ser a sub

6. Individual or Joint/Group Filing(Check Applicable Line)
X Form filed by One Reporting Person
 ___ Form filed by More than One Reporting 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/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)
Common Stock	05/20/2008		F	40 D	\$ 50.97 1,368.065 ⁽¹⁾	D	
Common Stock					3,583.2039	I	By ESOP
Common Stock					2,983	I	by Jt Trust w/Spouse

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

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SEC 1474 (9-02)

displays a currently valid OMB control 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. 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 Underlying Securities (Instr. 3 and 4)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount Number Shares
Employee Stock Option (Right to buy)	\$ 23.1875 <u>(2)</u>					03/13/2001	03/13/2010	Common Stock	2,
Employee Stock Option (Right to buy)	\$ 29.875 <u>(3)</u>					02/11/2000	02/11/2009	Common Stock	1,
Employee Stock Option (Right to buy)	\$ 34.09 <u>(4)</u>					12/13/2002	12/13/2011	Common Stock	12,
Employee Stock Option (Right to buy)	\$ 37.96 <u>(5)</u>					12/12/2003	12/12/2012	Common Stock	18,
Employee Stock Option (Right to buy)	\$ 44.73 <u>(6)</u>					12/10/2004	12/10/2013	Common Stock	18,
Employee Stock Option (Right to buy)	\$ 48.11 <u>(7)</u>					12/08/2005	12/08/2014	Common Stock	21,
Employee Stock Option (Right to buy)	\$ 48.36 <u>(8)</u>					02/14/2009	02/14/2018	Common Stock	30,
						12/07/2007	12/07/2016		21,

Employee Stock Option (Right to buy)	\$ 52.73 <u>(9)</u>				Common Stock	
Employee Stock Option (Right to buy)	\$ 54.85 <u>(10)</u>	12/07/2006	12/07/2015		Common Stock	23,
Employee Stock Option (Right to buy)	\$ 58.65 <u>(11)</u>	05/17/2008	05/17/2017		Common Stock	6,
Performance Rights	\$ 0 <u>(12)</u>	01/01/2009 ⁽¹³⁾	06/30/2009		Common Stock	3,
Performance Rights	\$ 0 <u>(14)</u>	12/31/2009 ⁽¹⁴⁾	03/31/2010		Common Stock	1,
Performance Rights	\$ 0 <u>(12)</u>	01/01/2010 ⁽¹³⁾	06/30/2010		Common Stock	2,
Performance Rights	\$ 0 <u>(12)</u>	01/01/2011 ⁽¹³⁾	06/30/2011		Common Stock	5,
Phantom Stock Unit	<u>(15)</u>	<u>(16)</u>	<u>(17)</u>		Common Stock	20,12
Restricted Stock Units	<u>(18)</u>	<u>(19)</u>	<u>(19)</u>		Common Stock	2,03

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
RADTKE MARK A 700 NORTH ADAMS STREET P. O. BOX 19001 GREEN BAY, WI 54307-9001			Pres, Integrys Enrgy Ser a sub	

Signatures

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

05/22/2008

 **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) Reflects sale of shares to satisfy tax payment for vested shares of Restricted Stock granted under the Company's 2007 Omnibus Incentive Compensation Plan.

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- (2) The option vests in four equal annual installments beginning on March 13, 2001.
- (3) The option vests in four equal annual installments beginning on February 11, 2000.
- (4) The option vests in four equal annual installments beginning on December 13, 2002.
- (5) The option vests in four equal annual installments beginning on December 12, 2003.
- (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 February 14, 2009.
- (9) The option vests in four equal annual installments beginning on December 7, 2007.
- (10) The option vests in four equal annual installments beginning on December 7, 2006.
- (11) The option vests in four equal annual installments beginning on May 17, 2008.
- (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) 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.
- (14) 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.
- (15) These phantom stock units convert to common stock on a one-for-one basis.
- (16) 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.
- (17) 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.
- (18) Each restricted stock unit represent a contingent right to receive one share of TEG common stock.
- (19) The restricted stock units vest in four equal annual installments beginning on February 14, 2009.

Remarks:

Table 1, Column 5 Reflects shares allocated by the company's ESOP program on March 31, 2008.

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.