

PROTSCH ELIOT G
Form 4
February 16, 2007

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 *
PROTSCH ELIOT G

2. Issuer Name and Ticker or Trading Symbol
ALLIANT ENERGY CORP [LNT]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
PO BOX 2568

3. Date of Earliest Transaction (Month/Day/Year)
02/15/2007

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)

SENIOR EXEC VP & CFO

(Street)
MADISON, WI 53701

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

(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. 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	02/15/2007		M	V Amount (A) or (D) Price \$ 31.54	11,798	D	
COMMON	02/15/2007		S	11,798 D \$ 42.3633	0	D	
COMMON	02/15/2007		M	16,642 A \$ 27.79	16,642	D	
COMMON	02/15/2007		S	16,642 D \$ 42.3633	0	D	
COMMON	02/15/2007		M	11,099 A \$ 24.9	11,099	D	
COMMON	02/15/2007		S	11,099 D \$ 42.3633	0	D	
COMMON	02/15/2007		M	7,071 A \$ 29.875	7,071	D	

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COMMON	02/15/2007	S	7,071	D	\$	42.3633	0	D
COMMON DRIP							7,098.7512	D
401(k)							18,435.4875	D
COMMON (RESTRICTED)							34,004.0915	D

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. 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 or Number of Shares
EMP. STOCK OPTION (Right to Buy)	\$ 24.9	02/15/2007		M	11,099	01/02/2005 01/02/2014	COMMON	11,099	
EMP. STOCK OPTION (Right to Buy)	\$ 27.79	02/15/2007		M	16,642	05/16/2005 05/16/2012	COMMON	16,642	
EMP. STOCK OPTION (Right to Buy)	\$ 29.875	02/15/2007		M	7,071	06/01/2002 06/01/2009	COMMON	7,071	
EMP. STOCK OPTION (Right to Buy)	\$ 31.54	02/15/2007		M	11,798	01/02/2003 01/02/2011	COMMON	11,798	

Buy)

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
PROTSCH ELIOT G PO BOX 2568 MADISON, WI 53701			SENIOR EXEC VP & CFO	

Signatures

F. J. Buri as
POA for

02/16/2007

**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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.
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