PROTSCH ELIOT G

Form 4

February 16, 2007

FORM 4

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

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

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

Form 4 or Form 5 obligations may continue. See Instruction

Check this box

if no longer

Section 16.

subject to

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).

(City)

COMMON

COMMON

(State)

02/15/2007

02/15/2007

(Zip)

(Print or Type Responses)

1. Name and Addr PROTSCH EL	*	ing Person *	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)	3. Date of Earliest Transaction	(enser an approach)			
			(Month/Day/Year)	Director 10% Owner			
PO BOX 2568			02/15/2007	X Officer (give title Other (specification) below) SENIOR EXEC VP & CFO			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
MADISON, WI 53701			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

1.Title of Security (Instr. 3)	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if any (Month/Day/Year)		3. Transaction Code (Instr. 8)		ed of (5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Reported (I) Transaction(s) (Instr. 4) (Instr. 3 and 4)	(I) (Instr. 4)	
COMMON	02/15/2007		M	11,798	A	\$ 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	

S

M

11,099 D

7,071

42.3633

\$ 29.875 7,071

D

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.

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

(9-02)

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)	4. Transactic Code (Instr. 8)			6. Date Exerci Expiration Dat (Month/Day/Y	te	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
			Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amoun or Numbe of Shar
EMP. STOCK OPTION (Right to Buy)	\$ 24.9	02/15/2007	M		11,099	01/02/2005	01/02/2014	COMMON	11,09
EMP. STOCK OPTION (Right to Buy)	\$ 27.79	02/15/2007	M		16,642	05/16/2005	05/16/2012	COMMON	16,64
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	\$ 31.54	02/15/2007	M		11,798	01/02/2003	01/02/2011	COMMON	11,79

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 Date
Reporting Person

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

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.

Reporting Owners 3

^{**} Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).