

HANSON THOMAS L
Form 4
February 14, 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 *
HANSON THOMAS L

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)
02/12/2007

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

VP, CONTROLLER, CAO

(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)
			Code	V Amount (A) or (D) Price			
COMMON	02/12/2007		M	5,386 A \$ 31.5625	5,886	D	
COMMON	02/12/2007		S	5,386 D \$ 40.356	500	D	
COMMON	02/12/2007		M	6,092 A \$ 29.875	6,592	D	
COMMON	02/12/2007		S	6,092 D \$ 40.356	500	D	
COMMON	02/12/2007		M	7,804 A \$ 16.82	8,304	D	
COMMON	02/12/2007		S	7,804 D \$ 40.356	500	D	
COMMON	02/12/2007		M	8,660 A \$ 24.9	9,160	D	
COMMON	02/12/2007		S	8,660 D \$ 40.356	500	D	

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COMMON DRIP	5,508.6462	D
401(k)	4,472.2833	D
COMMON (RESTRICTED)	2,491.3688	D

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

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

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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)	Amount or Number of Shares
				Code	V (A) (D)	Date Exercisable Expiration Date	Title	
EMP. STOCK OPTION (Right to Buy)	\$ 16.82	02/12/2007		M	7,804	01/21/2006 01/21/2013	COMMON	7,804
EMP. STOCK OPTION (Right to Buy)	\$ 24.9	02/12/2007		M	8,660	01/02/2005 01/02/2014	COMMON	8,660
EMP. STOCK OPTION (Right to Buy)	\$ 29.875	02/12/2007		M	6,092	06/01/2002 06/01/2009	COMMON	6,092
EMP. STOCK OPTION (Right to Buy)	\$ 31.5625	02/12/2007		M	5,386	07/01/2001 07/01/2008	COMMON	5,386

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
HANSON THOMAS L PO BOX 2568 MADISON, WI 53701			VP, CONTROLLER, CAO	

Signatures

Joni Aeschbach as
POA for 02/14/2007

__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. 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.