#### **ALLIANT ENERGY CORP**

Form 4

September 13, 2005

FO	RM	4
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### UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB** 

**OMB APPROVAL** 

3235-0287 Number:

January 31, Expires: 2005

0.5

Estimated average burden hours per

response...

if no longer subject to Section 16. Form 4 or Form 5

obligations

Check this box

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

may continue. 30(h) of the Investment Company Act of 1940 See Instruction

(Middle)

1(b).

(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

(First)

(Check all applicable)

VICE PRESIDENT

PO BOX 2568

3. Date of Earliest Transaction

(Month/Day/Year) 09/12/2005

Filed(Month/Day/Year)

10% Owner Director X\_ Officer (give title Other (specify

below)

(Last)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line) \_X\_ Form filed by One Reporting Person

Form filed by More than One Reporting

(Instr. 4)

Person

MADISON, WI 53701

(City) (State) (Zip)

(Street)

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

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I)

(Instr. 4)

(A)

Reported Transaction(s)

(Instr. 3 and 4) Code V Amount (D) Price

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 (9-02)required to respond unless the form 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	2.	3. Transaction Date	3A. Deemed	4.	5. Number of	6. Date Exercisable and Expiration	7. Title and
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orDerivative	Date	Underlying
Security	or Exercise		any	Code	Securities	(Month/Day/Year)	(Instr. 3 and

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(Instr. 3) Price of (Month/Day/Year) (Instr. 8) Acquired (A) or Derivative Disposed of (D) Security (Instr. 3, 4, and

(Instr. 3, 4, and 5)

(D) Date Exercisable Expiration Date Title

DEFERRED

COMMON \$ 0 09/12/2005 A 22.9241 08/08/1988(1) 08/08/1988(1) COMMO STOCK

Code V

(A)

## **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

HANSON THOMAS L PO BOX 2568

VICE PRESIDENT

MADISON, WI 53701

# **Signatures**

F. J. Buri as POA for 09/13/2005

\*\*Signature of Date
Reporting Person

# **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) Units are to be settled upon reporting person's retirement.

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.

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