#### ALLIANT ENERGY CORP

Form 4

February 21, 2007

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

OMB Number: 3235-0287

**OMB APPROVAL** 

Check this box if no longer subject to

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Expires: January 31, 2005

Section 16. Form 4 or Form 5 obligations SECURITIES

Estimated average burden hours per response... 0.5

may continue.

See Instruction

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)

(State)

(Zip)

(Print or Type Responses)

1. Name and Address of Reporting Person * HARVEY WILLIAM D			2. Issuer Name <b>and</b> 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	(Check all applicable)	
			(Month/Day/Year)	X Director 10% Owner	
PO BOX 2568			02/16/2007	_X_ Officer (give title Other (specify below) PRESIDENT, CEO & CHAIRMAN	
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check	
MADISON, W	T 53701		Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person	

Table I - Non-Derivative	Securities Acquired	l. Disposed of, o	r Beneficially Owned
Table I Tion Delivative	becuiring ricquire	i, Disposeu oi, o	beneficially owned

						, <b>F</b>		J	
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 on Disposed of (Instr. 3, 4 and	(D)	ired (A) or	5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect	7. Nature of Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(I) (Instr. 4)	
COMMON IN TRUST	02/16/2007		<u>J(1)</u>	69.5868	A	\$ 42.4114	9,364.803	D	
401(k)							17,846.5677	D	
COMMON IN IRA							1,000	D	
COMMON (RESTRICTED)	02/16/2007		J(2)	523.1185	A	\$ 42.4114	70,400.617	D	
COMMON IN SHADE TREE PARTNERSHIP	02/16/2007		J(3)	22.4935	A	\$ 42.4114	3,027.028	I	BY PARTNE

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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	2.	3. Transaction Date	3A. Deemed	4.	5. Number of	6. Date Exercisabl	e and Expiration	7. Title an
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	onDerivative	Date		Underlyin
Security	or Exercise		any	Code	Securities	(Month/Day/Year)	)	(Instr. 3 ar
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Acquired (A) or			
	Derivative				Disposed of (D)			
	Security				(Instr. 3, 4, and			
					5)			
						D-4- E	Eiti D-t-	T:41-
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title
				Code v	(A) (D)			
DEFERRED								
COMMON	\$ 0	02/16/2007		J(4)	297.6528	08/08/1988(5)	08/08/1088(5)	COMM
	ψU	02/10/2007		J <u> </u>	291.0326	00/00/1900	00/00/1900	COMINI
STOCK								

Relationships

### **Reporting Owners**

Reporting Owner Name / Address	· · · · · · · · · · · · · · · · · · ·					
	Director	10% Owner	Officer	Other		
HARVEY WILLIAM D			PRESIDENT,			
PO BOX 2568	X		CEO &			
MADISON, WI 53701			CHAIRMAN			

## **Signatures**

F. J. Buri as 02/21/2007 POA for \*\*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).
- The reporting person acquired 69.5868 shares under the company's dividend reinvestment plan, pursuant to a dividend reinvestment **(1)** transaction exempt from Section 16 under Rule 16a-11.
- The reporting person acquired 523.1185 shares under the company's dividend reinvestment plan, pursuant to a dividend reinvestment **(2)** transaction exempt from Section 16 under Rule 16a-11.
- The reporting person acquired 22.4935 shares under the company's dividend reinvestment plan, pursuant to a dividend reinvestment **(3)** transaction exempt from Section 16 under Rule 16a-11.
- The reporting person acquired 297.6528 shares under the company's dividend reinvestment plan, pursuant to a dividend reinvestment transaction exempt from Section 16 under Rule 16a-11.

Reporting Owners 2

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(5) 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.