

DOYLE DUNDEANA K
Form 4
February 15, 2007

FORM 4

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

Check this box
if no longer
subject to
Section 16.
Form 4 or
Form 5
obligations
may continue.
See Instruction
1(b).

**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

OMB APPROVAL

OMB
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(Print or Type Responses)

1. Name and Address of Reporting Person *
DOYLE DUNDEANA K

(Last) (First) (Middle)

PO BOX 2568

(Street)

MADISON, WI 53701

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading
Symbol

ALLIANT ENERGY CORP [LNT]

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

02/14/2007

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

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

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

VICE PRESIDENT

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

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	02/14/2007		M	4,594	A \$ 31.5625	4,594	D
COMMON	02/14/2007		S	4,594	D \$ 41.6756	0	D
COMMON	02/14/2007		M	5,523	A \$ 29.875	5,523	D
COMMON	02/14/2007		S	5,523	D \$ 41.6756	0	D
COMMON	02/14/2007		M	8,346	A \$ 28.5938	8,346	D
COMMON	02/14/2007		S	8,346	D	0	D

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						\$ 41.6756		
COMMON	02/14/2007	M	8,379	A	\$ 31.54	8,379	D	
COMMON	02/14/2007	S	8,379	D	\$ 41.6756	0	D	
COMMON	02/14/2007	M	10,242	A	\$ 27.79	10,242	D	
COMMON	02/14/2007	S	10,242	D	\$ 41.6756	0	D	
COMMON	02/14/2007	M	10,322	A	\$ 24.9	10,322	D	
COMMON	02/14/2007	S	10,322	D	\$ 41.6756	0	D	
COMMON	02/14/2007	M	483	A	\$ 25.93	483	D	
COMMON	02/14/2007	S	483	D	\$ 41.6756	0	D	
COMMON DRIP						438.9165	D	
401(k)						6,829.9985	D	
COMMON IN STREET						599.3102	D	
COMMON (RESTRICTED)						3,241.9903	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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(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)	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	\$ 24.9	02/14/2007		M		10,322		01/02/2007	01/02/2014	COMMON	10,322

OPTION
(Right to
Buy)

EMP.

STOCK

OPTION	\$ 25.93	02/14/2007	M	483	02/09/2007	02/09/2014	COMMON	483
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(Right to
Buy)

EMP.

STOCK

OPTION	\$ 27.79	02/14/2007	M	10,242	05/16/2005	05/15/2012	COMMON	10,242
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(Right to
Buy)

EMP.

STOCK

OPTION	\$ 28.5938	02/14/2007	M	8,346	01/19/2003	01/19/2010	COMMON	8,346
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(Right to
Buy)

EMP.

STOCK

OPTION	\$ 29.875	02/14/2007	M	5,523	06/06/2002	06/01/2009	COMMON	5,523
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(Right to
Buy)

EMP.

STOCK

OPTION	\$ 31.54	02/14/2007	M	8,379	01/02/2004	01/02/2011	COMMON	8,379
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(Right to
Buy)

EMP.

STOCK

OPTION	\$ 31.5625	02/14/2007	M	4,594	07/01/2001	07/01/2008	COMMON	4,594
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(Right to
Buy)

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
DOYLE DUNDEANA K PO BOX 2568 MADISON, WI 53701			VICE PRESIDENT	

Signatures

F. J. Buri as POA for	02/15/2007
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__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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