

ALLIANT ENERGY CORP  
Form 4  
August 17, 2005

**FORM 4**

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

OMB APPROVAL

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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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
DAVIS ERROLL B JR

(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)  
08/16/2005

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 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					7,754	D	
COMMON BY CHILDREN	08/16/2005		P	6.8004 A	\$ 29.41 9,481.287	I	BY CHILDREN
COMMON BY CHILDREN	08/16/2005		J <sup>(1)</sup>	84.5312 A	\$ 29.41 9,565.8182	I	BY CHILDREN
COMMON BY SPOUSE	08/16/2005		J <sup>(2)</sup>	0.781 A	\$ 29.41 90.1832	I	BY SPOUSE
COMMON DRIP	08/16/2005		J <sup>(3)</sup>	196.271 A	\$ 29.41 14,432.0918	D	
	08/16/2005		J <sup>(4)</sup>	51.8191 A	5,857.5285	D	

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COMMON IN TRUST						\$			
						29.41			
401(k)							9,917.7285	D	
COMMON (RESTRICTED)	08/16/2005		J <sup>(5)</sup>	310.185	A	\$	35,062.7123	D	
						29.41			

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.** SEC 1474 (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 Underlying (Instr. 3 and 4)
				Code V	(A)	(D)	Date Exercisable Expiration Date Title
DEFERRED COMMON STOCK	\$ 0	08/16/2005		J <sup>(6)</sup>	456.3223	08/08/1988 <sup>(7)</sup> 08/08/1988 <sup>(7)</sup>	COMM

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
DAVIS ERROLL B JR PO BOX 2568 MADISON, WI 53701	X		CHAIRMAN	

## Signatures

F. J. Buri as  
POA for 08/17/2005

         \*\*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).
- (1) The reporting person acquired 84,5312 shares under the company's dividend reinvestment plan, pursuant to a dividend reinvestment transaction exempt from Section 16 under Rule 16a-11.

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- (2) The reporting person acquired .7810 shares under the broker's dividend reinvestment plan, pursuant to a dividend reinvestment transaction exempt from Section 16 under rule 16a-11.
- (3) The reporting person acquired 196.2710 shares under the company's dividend reinvestment plan, pursuant to a dividend reinvestment transaction exempt from Section 16 under Rule 16a-11.
- (4) The reporting person acquired 51.8191 shares under the company's dividend reinvestment plan, pursuant to a dividend reinvestment transaction exempt from Section 16 under Rule 16a-11.
- (5) The reporting person acquired 310.1850 shares under the company's dividend reinvestment plan, pursuant to a dividend reinvestment transaction exempt from Section 16 under Rule 16a-11.
- (6) The reporting person acquired 456.3223 shares under the company's dividend reinvestment plan, pursuant to a dividend reinvestment transaction exempt from Section 16 under Rule 16a-11.
- (7) 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.

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