

DAVIS ERROLL B JR  
Form 4  
February 22, 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

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)  
02/18/2005

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

CHAIRMAN & CEO

(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)
COMMON					7,754	D	
COMMON BY CHILDREN	02/18/2005		J <sup>(1)</sup>	89.4292 A	\$ 27.1401 9,339.4358	I	BY CHILDREN
COMMON BY CHILDREN	02/18/2005		P	7.3692 A	\$ 27.1401 9,346.805	I	BY CHILDREN
COMMON BY SPOUSE	02/18/2005		J <sup>(2)</sup>	0.8301 A	\$ 27.1401 88.5576	I	BY SPOUSE
COMMON DRIP	02/18/2005		J <sup>(3)</sup>	208.616 A	\$ 27.1401 14,023.5832	D	
	02/18/2005		J <sup>(4)</sup>	55.0783 A	5,749.6749	D	

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COMMON IN TRUST						\$			
						27.1401			
401(k)							9,470.9201	D	
COMMON (RESTRICTED)	02/18/2005		J <sup>(5)</sup>	329.6948	A	\$	27.1401	34,417.1091	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)	8. Price of Derivative Security (Instr. 5)	9. Nu
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## Reporting Owners

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

## Signatures

F. J. Buri as  
POA for 02/22/2005

\*\*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).

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- (1) The reporting person acquired 89.4292 shares under the company's dividend reinvestment plan, pursuant to a dividend reinvestment transaction exempt from Section 16 under Rule 16a-11.
- (2) The reporting person acquired .8301 shares under the company's dividend reinvestment plan, pursuant to a dividend reinvestment transaction exempt from Section 16 under Rule 16a-11.
- (3) The reporting person acquired 208.6160 shares under the broker's dividend reinvestment plan, pursuant to a dividend reinvestment transaction exempt from Section 16 under rule 16a-11.
- (4) The reporting person acquired 55.0783 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 329.6948 shares under the company's dividend reinvestment plan, pursuant to a dividend reinvestment transaction exempt from Section 16 under Rule 16a-11.

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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