

ALLIANT ENERGY CORP  
Form U-9C-3  
May 27, 2004

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

FORM U-9C-3

QUARTERLY REPORT

For the quarter ended March 31, 2004

Filed Pursuant to Rule 58 of the Public Utility Holding Company  
Act of 1935

ALLIANT ENERGY CORPORATION  
4902 N. Biltmore Lane  
Madison, Wisconsin 53718-2132  
608-458-3311

ALLIANT ENERGY CORPORATION

FORM U-9C-3

For the Quarter Ended March 31, 2004

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ITEM 1 - ORGANIZATION CHART  
(As of March 31, 2004)

| Name of Company<br>(Organization Chart Hierarchy)<br>(Inactive companies denoted with (*))<br>(Reporting companies denoted with (**)) | Energy-<br>or Gas-<br>Related<br>Company | Date of<br>Organization | State of<br>Organization |
|---|--|-------------------------|--------------------------|
| Alliant Energy Corporation  | N/A                                      | N/A                     | N/A                      |
| Alliant Energy TransCo LLC  | N/A                                      | N/A                     | N/A                      |
| TRANSLink Development Company LLC (**)  | Energy                                   | 6/7/02                  | Delaware                 |
| Distribution Vision 2010, LLC (**)  | Energy                                   | 10/2/01                 | Delaware                 |
| Wisconsin Power and Light Company   | N/A                                      | N/A                     | N/A                      |
| Dais Analytic Corporation (**)  | Energy                                   | 4/19/93                 | New York                 |
| Alliant Energy Resources, Inc.  | N/A                                      | N/A                     | N/A                      |
| ADI Thermal Power Corporation (**)  | Energy                                   | 8/11/97                 | Washington               |
| American Superconductor Corporation (**)  | Energy                                   | 4/9/87                  | Delaware                 |
| CellTech Power, Inc. (**)   | Energy                                   | 5/1/00                  | Delaware                 |
| Nth Power Technologies Fund II, LP (**)   | Energy                                   | 2/25/00                 | California               |
| Distributed Energy Systems Corp. (**)<br>(Also owned by AER Holding Company)  | Energy                                   | 5/19/03                 | Delaware                 |

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|   |  |                         |                        |
|---|--|-------------------------|------------------------|
| STM Power, Inc. (**)  | Energy                                   | 3/17/03                 | Delaware               |
| AER Holding Company   | N/A                                      | N/A                     | N/A                    |
| Distributed Energy Systems Corp. (**)<br>(Also owned by Alliant Energy Resources, Inc.)   | Energy                                   | 5/19/03                 | Delaware               |
| Alliant Energy Integrated Services Company  | N/A                                      | N/A                     | N/A                    |
| Industrial Energy Applications, Inc. (**)   | Energy                                   | 9/22/83                 | Iowa                   |
| BFC Gas Company LLC (**)  | Energy                                   | 12/7/95                 | Iowa                   |
| RMT, Inc. (**)  | Energy                                   | 7/29/83                 | Wisconsin              |
| RMT North Carolina, Inc. (**)   | Energy                                   | 4/6/69                  | North Carol            |
| RMT, Inc., Michigan (**)  | Energy                                   | 12/15/95                | Michigan               |
| RMT International, Inc. (**)  | Energy                                   | 10/9/97                 | Wisconsin              |
| Heartland Energy Group, Inc. (**)   | Energy                                   | 6/1/95                  | Wisconsin              |
| Industrial Energy Applications<br>Delaware, Inc.  | N/A                                      | N/A                     | N/A                    |
| Oak Hill Pipeline LP (**)   | Energy                                   | 4/1/97                  | Texas                  |
| Alliant South Texas Pipeline, LP (**)<br>(Also owned by Alliant Energy<br>Field Services, LLC)  | Energy                                   | 4/20/99                 | Texas                  |
| Alliant Energy Desdemona, LP (**)<br>(Also owned by Alliant Energy<br>Field Services, LLC)  | Energy                                   | 2/14/00                 | Delaware               |
| Bastian Bay Pipeline, LP (**) (Also<br>owned by Alliant Energy Field<br>Services, LLC)  | Energy                                   | 8/31/00                 | Texas                  |
| Alliant Energy Field Services, LLC  | N/A                                      | N/A                     | N/A                    |
| Alliant South Texas Pipeline, LP (**)<br>(Also owned by Industrial Energy<br>Applications Delaware, Inc.)                             | Energy                                   | 4/20/99                 | Texas                  |
| Alliant Energy Desdemona, LP (**)<br>(Also owned by Industrial Energy<br>Applications Delaware, Inc.)                                 | Energy                                   | 2/14/00                 | Delaware               |
| 3   |  |                         |                        |
| Name of Company<br>(Organization Chart Hierarchy)<br>(Inactive companies denoted with (*))<br>(Reporting companies denoted with (**)) | Energy-<br>or Gas-<br>Related<br>Company | Date of<br>Organization | State of<br>Organizati |
| Bastian Bay Pipeline, LP (**) (Also<br>owned by Industrial Energy<br>Applications Delaware, Inc.)                                     | Energy                                   | 8/31/00                 | Texas                  |

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|  |        |          |               |
|--|--------|----------|---------------|
| NG Energy Trading, LLC (**)  | Energy | 9/26/00  | Oklahoma      |
| Alliant Energy Integrated Services -<br>Energy Solutions LLC (**)  | Energy | 1/1/01   | Iowa          |
| Schedin & Associates, Inc. (*) (**)                                | Energy | 6/22/82  | Minnesota     |
| SVBK Consulting Group, Inc. (*) (**)                               | Energy | 7/2/85   | Florida       |
| Alliant Energy Integrated Services -<br>Energy Management LLC (**) | Energy | 1/1/01   | Iowa          |
| Energy Performance Services, Inc. (**)                             | Energy | 12/17/93 | Pennsylvania  |
| Cogenex Corporation (**)   | Energy | 9/26/83  | Massachusetts |
| APS Cogenex LLC (**)   | Energy | 9/29/95  | Delaware      |
| Energy Capital and Services I, LP (**)                             | Energy | 5/4/90   | Massachusetts |
| Energy Capital and Services II, LP (**)                            | Energy | 11/13/90 | Massachusetts |
| Cogenex West Corporation (**)                                      | Energy | 9/26/83  | Massachusetts |
| EUA Cogenex-Canada Inc. (**)                                       | Energy | 10/11/94 | Canada        |
| EUA Cogenex-Canada Energy<br>Services, Inc. (**)                   | Energy | 12/16/97 | Canada        |
| Northeast Energy Management, Inc. (**)                             | Energy | 1/7/94   | Massachusetts |
| Alliant Energy Investments, Inc.                                   | N/A    | N/A      | N/A           |
| Heartland Energy Services, Inc.                                    | N/A    | N/A      | N/A           |
| ReGENco LLC (**)   | Energy | 4/19/99  | Wisconsin     |
| Alliant Energy Synfuel LLC   | N/A    | N/A      | N/A           |
| Kaufman & Broad-Nexgen LLC   | N/A    | N/A      | N/A           |
| West Virginia Synfuel LP   | N/A    | N/A      | N/A           |
| Alpha Synfuel LLC  | N/A    | N/A      | N/A           |
| New River Synfuel LLC (**)   | Energy | 3/9/98   | Colorado      |
| Alliant Energy Transportation, Inc.                                | N/A    | N/A      | N/A           |
| Williams Bulk Transfer Inc. (**)                                   | Energy | 4/27/99  | Iowa          |

N/A - Not applicable

(a) The following abbreviations were used:

| Abbreviation | Nature of Business |
|--------------|--------------------|
|--------------|--------------------|

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- (i) Energy management services
- (ii) Development and commercialization of innovative electro technologies
- (v) Brokering and marketing of energy commodities - natural gas
- (vi) Production of alternative fuels
- (vii) - 1 Environmental licensing, testing, and remediation services
- (vii) - 2 Integrated turbine and generator services
- (vii) - 3 Distribution system research and development
- (vii) - 4 Transmission system maintenance and operations
- (ix) - 1 Fuel transportation facilities services
- (ix) - 2 Fuel handling and storage facilities services

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ITEM 2 - ISSUANCES AND RENEWALS OF SECURITIES AND CAPITAL CONTRIBUTIONS:  
Investment level at March 31, 2004

| Company Issuing Security                                   | Type of Security Issued  | Principal Amount of Security (in thousands) |            |
|--|--------------------------|---|------------|
| ADI Thermal Power Corporation                              | Common stock             | \$200                                       | Alliant En |
| Alliant Energy Desdemona, LP                               | Partnership capital      | \$1,223                                     | Industrial |
|  | Partnership capital      | \$1   | Alliant En |
| Alliant Energy Integrated Services - Energy Management LLC | Money pool borrowings    | \$11,755                                    | Alliant En |
| Alliant Energy Integrated Services - Energy Solutions LLC  | Money pool borrowings    | \$5,367                                     | Alliant En |
| Alliant South Texas Pipeline, LP                           | Partnership capital      | \$4,295                                     | Industrial |
|  | Partnership capital      | \$7   | Alliant En |
| American Superconductor Corporation                        | Common stock             | \$963                                       | Alliant En |
| BFC Gas Company LLC  | Capital                  | \$1,975                                     | Industrial |
| CellTech Power, Inc.                                       | Series A preferred stock | \$252                                       | Alliant En |
| Cogenex Corporation (Incl. subsidiaries)                   | Money pool borrowings    | \$83,170                                    | Alliant En |
| Dais Analytic Corporation                                  | Common stock             | \$90  | Wisconsin  |
| Distribution Vision 2010, LLC                              | Capital                  | \$100                                       | Alliant En |
| Energy Performance Services, Inc.                          | Money pool borrowings    | \$16,504                                    | Alliant En |
| Heartland Energy Group, Inc.                               | Common stock             | \$5,011                                     | Alliant En |
|  | Money pool borrowings    | \$10,376                                    | Alliant En |
| Industrial Energy Applications, Inc.                       | Common stock             | \$21,060                                    | Alliant En |
|  | Money pool borrowings    | \$19,247                                    | Alliant En |
| New River Synfuel LLC                                      | Capital                  | \$44,006                                    | Alpha Synf |
| Nth Power Technologies Fund II, LP                         | Partnership capital      | \$7,750                                     | Alliant En |
| Oak Hill Pipeline LP                                       | Partnership capital      | \$948                                       | Industrial |
| Distributed Energy Systems Corp.                           | Common stock             | \$499                                       | Alliant En |
|  | Common stock             | \$53  | AER Holdin |
| ReGENco LLC  | Class A units            | \$1,083                                     | Heartland  |
| RMT, Inc. (Incl. subsidiaries)                             | Common stock             | \$11,822                                    | Alliant En |
| STM Power, Inc.  | Series A preferred stock | \$2,500                                     | Alliant En |
| TRANSLink Development Company                              | Capital                  | \$288                                       | Alliant En |
|  | Loan                     | \$2,186                                     | Alliant En |
| Williams Bulk Transfer Inc.                                | Common stock             | \$1   | Alliant En |
|  | Money pool borrowings    | \$4,494                                     | Alliant En |

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(1) Associate companies.

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ITEM 3 - ASSOCIATE TRANSACTIONS

For the Quarter Ended March 31, 2004

Part I -- Transactions performed by reporting companies on behalf of associate companies (a):

| Reporting Company Rendering Services | Associate Company Receiving Services | Types of Services Rendered              | Direct Costs Charged (in thousands) | Indirect Costs Charged (in thousands) |
|--------------------------------------|--------------------------------------|---|-------------------------------------|---------------------------------------|
| RMT                                  | WP&L                                 | Environmental consulting                | \$306                               | \$-                                   |
| RMT                                  | IEA                                  | Environmental consulting                | 66                                  | -                                     |
| RMT                                  | IP&L                                 | Environmental consulting                | 210                                 | -                                     |
| RMT                                  | Resources                            | Environmental consulting                | 6                                   | -                                     |
| RMT                                  | AEG                                  | Environmental consulting                | 45                                  | -                                     |
| ReGENco                              | WP&L                                 | Integrated turbine & generator services | 1                                   | -                                     |
| ReGENco                              | AEG                                  | Storage lease, handling & maintenance   | 140                                 | -                                     |

Part II -- Transactions performed by associate companies on behalf of reporting companies (a):

| Associate Company Rendering Services | Reporting Company Receiving Services | Types of Services Rendered | Direct Costs Charged (in thousands) | Indirect Costs Charged (in thousands) |
|--------------------------------------|--------------------------------------|----------------------------|-------------------------------------|---------------------------------------|
| RMT                                  | IEA                                  | Environmental consulting   | \$66                                | \$-                                   |

(a) The following abbreviations were used:

| Abbreviation | Legal Name                           | Abbreviation | Legal Name     |
|--------------|--------------------------------------|--------------|----------------|
| AEG          | AEG Worldwide, Inc.                  | Resources    | Alliant Energy |
| IEA          | Industrial Energy Applications, Inc. | RMT          | RMT, Inc.      |
| IP&L         | Interstate Power and Light Company   | WP&L         | Wisconsin Pow  |
| ReGENco      | ReGENco LLC                          |              |                |

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ITEM 4 - SUMMARY OF AGGREGATE INVESTMENT  
(Dollars in thousands)

Investments in energy-related companies:

|  |          |
|--|----------|
| Total consolidated capitalization as of March 31, 2004 (a)   | \$5,005, |
| Total capitalization multiplied by 15% (Line 1 multiplied by 0.15)   | 750,     |
| Greater of \$50 million or total capitalization multiplied by 15% (Line 2)   | 750,     |
| Total current aggregate investment subsequent to April 21, 1998 (categorized by major line of energy-related business):  |          |
| Energy-related business category i   | 116,     |
| Energy-related business category ii  | 14,      |
| Energy-related business category iii   |          |
| Energy-related business category iv  |          |
| Energy-related business category v   | 12,      |
| Energy-related business category vi  | 52,      |
| Energy-related business category vii   | 5,       |
| Energy-related business category viii  | 20,      |
| Energy-related business category ix  | 10,      |
| Energy-related business category x   |          |
| Total current aggregate investment   | 232,     |
| Difference between the greater of \$50 million or 15% of capitalization and the total aggregate investment of the registered holding company system (Line 3 less Line 4) | \$518,   |

Investments in gas-related companies:

|   |     |
|---|-----|
| Total current aggregate investment (categorized by major line of gas-related business): |     |
| Gas-related business category i   | \$- |
| Gas-related business category ii  | -   |
| Total current aggregate investment  | \$- |

(a) Includes common equity, cumulative preferred stock of subsidiaries, long-term debt, current maturities and sinking funds and short-term debt (variable rate demand bonds, commercial paper and other short-term borrowings).

(b) Represents \$20,918,000 of payments to purchase generation equipment that Alliant Energy intends to use to develop a qualifying facility.

ITEM 5 - OTHER INVESTMENTS  
(Dollars in thousands)

| Major Line Of<br>Energy-Related<br>Business                                 | Other<br>Investment<br>In Last<br>U-9C-3 Report | Other<br>Investment<br>In This<br>U-9C-3 Report | Reason<br>In |
|---|---|---|--------------|
| Energy-related business category i*<br>Industrial Energy Applications, Inc. | \$40,205  | \$40,205  | No change.   |
| Energy-related business category v*<br>Heartland Energy Group, Inc.         | \$3,289   | \$3,289   | No change.   |
| Energy-related business category vi*<br>BFC Gas Company LLC                 | \$1,975   | \$1,975   | No change.   |
| Energy-related business category vii*<br>RMT, Inc. (including subsidiaries) | \$11,822  | \$11,822  | No change.   |
| Energy-related business category ix*<br>Oak Hill Pipeline LP                | \$948   | \$948   | No change.   |

\* Item 5 includes aggregate investments that were invested or committed to be invested in energy-related companies, prior to the date Rule 58 was effective for Alliant Energy Corporation (April 21, 1998 - Date Alliant Energy Corporation became a registered holding company), for which there is recourse, directly or indirectly, to Alliant Energy Corporation or any subsidiary thereof.

ITEM 6 - FINANCIAL STATEMENTS AND EXHIBITS

List all financial statements and exhibits filed as a part of this report.

A. FINANCIAL STATEMENTS:

Filed under confidential treatment pursuant to Rule 104 (b).

B. EXHIBITS:

- Exhibit A - Certificate of Alliant Energy Corporation
- Copies of contracts required by Item 3:  
None

SIGNATURES

Pursuant to the requirements of the Public Utility Holding Company Act of 1935, Alliant Energy Corporation has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized on the 27th day of May 2004.



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ALLIANT ENERGY CORPORATION  
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Registrant

By: /s/ John E. Kratchmer  
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John E. Kratchmer

Vice President-Controller and Chief Accountant  
(Principal Accounting Officer)

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Exhibit A

ALLIANT ENERGY CORPORATION  
4902 N. Biltmore Lane, Madison, Wisconsin 53718-2132

CERTIFICATE

Pursuant to the requirements of Rule 58 of the Public Utility Holding Company Act of 1935, the undersigned certifies that a conformed copy of the quarterly report on Form U-9C-3 shall be filed with the interested state commissions promptly after filing with the SEC. The names and addresses of each state commission having jurisdiction over the retail rates of the public utility companies that are associate companies of any of the reporting companies are:

Iowa Utilities Board  
350 Maple Street  
Des Moines, Iowa 50319-0069

Illinois Commerce Commission  
527 E. Capitol Avenue  
Springfield, Illinois 62701

Minnesota Public Utilities Commission  
121 7th Place E. Suite 350  
St. Paul, MN 55101-2147

Public Service Commission of Wisconsin  
610 North Whitney Way, P.O. Box 7854  
Madison, Wisconsin 53707-7854

ALLIANT ENERGY CORPORATION  
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Registrant

By: /s/ John E. Kratchmer  
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John E. Kratchmer

Vice President-Controller and Chief Accountant  
(Principal Accounting Officer)

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