

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 (Organization Chart Hierarchy) (Inactive companies denoted with (*)) (Reporting companies denoted with (**))	Energy- or Gas- Related Company	Date of Organization	State of 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. (**) (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. (**) (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 Delaware, Inc.	N/A	N/A	N/A
Oak Hill Pipeline LP (**)	Energy	4/1/97	Texas
Alliant South Texas Pipeline, LP (**) (Also owned by Alliant Energy Field Services, LLC)	Energy	4/20/99	Texas
Alliant Energy Desdemona, LP (**) (Also owned by Alliant Energy Field Services, LLC)	Energy	2/14/00	Delaware
Bastian Bay Pipeline, LP (**) (Also owned by Alliant Energy Field Services, LLC)	Energy	8/31/00	Texas
Alliant Energy Field Services, LLC	N/A	N/A	N/A
Alliant South Texas Pipeline, LP (**) (Also owned by Industrial Energy Applications Delaware, Inc.)	Energy	4/20/99	Texas
Alliant Energy Desdemona, LP (**) (Also owned by Industrial Energy Applications Delaware, Inc.)	Energy	2/14/00	Delaware
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Name of Company (Organization Chart Hierarchy) (Inactive companies denoted with (*)) (Reporting companies denoted with (**))	Energy- or Gas- Related Company	Date of Organization	State of Organizati
Bastian Bay Pipeline, LP (**) (Also owned by Industrial Energy 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 - 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 - 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 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 Energy-Related Business	Other Investment In Last U-9C-3 Report	Other Investment In This U-9C-3 Report	Reason In
Energy-related business category i* Industrial Energy Applications, Inc.	\$40,205	\$40,205	No change.
Energy-related business category v* Heartland Energy Group, Inc.	\$3,289	\$3,289	No change.
Energy-related business category vi* BFC Gas Company LLC	\$1,975	\$1,975	No change.
Energy-related business category vii* RMT, Inc. (including subsidiaries)	\$11,822	\$11,822	No change.
Energy-related business category ix* 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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