

FIRSTENERGY CORP  
Form U-9C-3  
May 27, 2004

U.S. SECURITIES AND EXCHANGE  
COMMISSION WASHINGTON,  
D.C. 20549  
FORM U-9C-3

QUARTERLY REPORT PURSUANT TO RULE 58 OF  
THE PUBLIC UTILITY HOLDING COMPANY ACT OF 1935

For the quarterly period ended March 31, 2004  
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FirstEnergy Corp. (File No. 70-09501)  
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(Name of Registered Holding Company)

76 South Main Street, Akron, Ohio 44308  
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(Address of Principal Executive Offices)

FirstEnergy Corp.

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

For the quarterly period ended March 31, 2004  
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Note: All dollar amounts shown in this Form U-9C-3 are expressed in  
 ---- thousands unless otherwise noted.

ITEM 1 - ORGANIZATION CHART

Name of Reporting Company	Energy (ERC) or Gas (GRC) Related Company	Date of Organization	State of Organization
----- FirstEnergy Corp. (a) -----			
FirstEnergy Ventures Corp. (b)			
Bay Shore Power Company (d)	ERC	01/26/1998	Ohio
Centerior Energy Services, Inc. (d)	ERC	06/01/1994	Ohio
Eastroc Technologies, LLC (c)	ERC	04/30/1996	Delaware
Engineered Processes, Ltd. (c)	ERC	12/30/1996	Ohio
Warrenton River Terminal, Ltd. (d)	ERC	09/03/1996	Ohio
FirstEnergy Facilities Services Group, LLC (b)			
Dunbar Mechanical, Inc. (e)	ERC	07/16/1956	Ohio
Edwards Electrical & Mechanical, Inc. (e)	ERC	02/28/1968	Indiana
Elliot-Lewis Corporation (e)	ERC	05/21/1998	Pennsylvania
A.A. Duckett, Inc.	ERC	03/01/1973	Delaware
Sautter Crane Rental, Inc.	ERC	12/10/1991	Pennsylvania
E-L Enterprises, Inc.			
Modern Air Conditioning, Inc.	ERC	04/27/1965	Florida
Airdex Air Conditioning Corporation	ERC	01/18/1995	Florida
R.L. Anderson, Inc.	ERC	08/28/1961	Florida
L.H. Cranston and Sons, Inc. (e)	ERC	01/02/1951	Maryland
Roth Bros., Inc. (e)	ERC	09/06/1947	Ohio
The Hattenbach Company (e)	ERC	03/21/1969	Ohio
R.P.C. Mechanical, Inc. (e)	ERC	04/21/1959	Ohio
Spectrum Controls Systems, Inc. (e)	ERC	04/18/1988	Ohio
FirstEnergy Solutions Corp. (b)	ERC	08/08/1997	Ohio
FirstEnergy Engineering, Inc. (f)	ERC	08/09/1996	Ohio
GPU Diversified Holdings, LLC (GPUDH) (b)		08/03/2000	Delaware
GPU Solar, Inc.	ERC	11/07/1997	New Jersey
GPU Distributed Power, Inc. *	ERC	02/29/2000	Delaware
Active Power, Inc.	ERC		
Ballard Power Systems Inc.	ERC		
EnviroTech Investment Fund I, LP	ERC		
EnerTech Capital Partners II, LP	ERC		

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\* Inactive

\*\* Set forth the percentage of interest held directly or indirectly by FirstEnergy Corp.

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ITEM 1 - ORGANIZATION CHART (Continued)

Name of Reporting Company	Energy (ERC) or Gas (GRC) Related Company	Date of Organization	State of Organization
-----			
FirstEnergy Corp. (a) (Continued)			
-----			
Ohio Edison Company (OE) (b)			
EnviroTech Investment Fund I, LP (c)	ERC		
PowerSpan Corp. (c)	ERC	05/01/1997	Delaware
Kinetic Ventures I, LLC (c)	ERC	04/15/1997	Delaware
Kinetic Ventures II, LLC (c)	ERC	12/07/1999	Delaware
Nth Power Technologies II, LLC (c)	ERC		
Utility.com, Inc. (c) *	ERC		
Automated Power Exchange, Inc. (c)	ERC		

\* Inactive

\*\* Set forth the percentage of interest held directly or indirectly by FirstEnergy Corp.

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ITEM 1 - ORGANIZATION CHART (Continued)

- (a) FirstEnergy Corp., a registered holding company, holds securities directly or indirectly in the energy-related companies set below its name.
- (b) These companies are direct wholly owned subsidiaries of FirstEnergy Corp.
- (c) FirstEnergy Corp. owns an interest directly or indirectly in these energy-related companies or venture capital funds set below its name.
- (d) These companies are direct wholly owned subsidiaries of FirstEnergy Ventures Corp.

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- (e) These companies are direct wholly owned subsidiaries of FirstEnergy Facilities Services Group, LLC.
- (f) This company is direct wholly owned subsidiary of FirstEnergy Solutions Corp.
- (g) This subsidiary provides HVAC equipment installation and services, facilities management, and energy management.
- (h) This subsidiary owns and operates a petroleum coke disposal facility that will supply steam for the Bay Shore Power Plant and to BP Amoco Corporation.
- (i) This subsidiary provides various consulting services related to energy management and procurement.
- (j) This subsidiary holds the patent on plaster, which is manufactured using the by-Products of coal-fired generation facilities.
- (k) This subsidiary owns facilities for the transloading of bulk materials (primarily coal) on the Ohio River. The coal is in part used by the FirstEnergy Operating Companies at various generation facilities.
- (l) This subsidiary provides crane rental services.
- (m) This subsidiary provides refrigeration sales and services to commercial entities.
- (n) This subsidiary engages in the brokering and marketing of energy commodities.
- (o) This company was formed to utilized advanced technology to reduce emissions of NOx, SO2 and particulate matter from utility generation facilities.
- (p) This venture capital fund is focused on early stage companies involved in energy-related field and technology. (q) This venture capital fund is focused on emerging technologies in the global energy industry. (r) This company is a developer of flywheel energy storage system for use in uninterruptible power supply and other power quality applications.
- (s) This energy-related company holds securities directly in the energy-related company set below its name. (t) This subsidiary is involved in the development and commercialization of photovoltaics. (u) This subsidiary provides engineering services.
- (v) An investment fund which invests in energy-related technology. GPUDH owns a 9.89% interest and OE owns a 6% interest.
- (w) GPU Diversified Holdings LLC owns 1,366,062 shares of Ballard Power Systems Inc. (BPS) common stocks. BPS develops stationary fuel cell systems.

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ITEM 1 - ORGANIZATION CHART (Continued)

Narrative Description of Activities for Reporting Period  
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None.

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ITEM 2 - ISSUANCES AND RENEWALS OF SECURITIES AND CAPITAL CONTRIBUTIONS

Company Issuing Security	Type of Security Issued	Principal Amount of Security	Issue or Renewal	Cost of Capital	Company to whom Security was Issued	Company Receiving Security
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None.

Company Contributing Capital	Company Receiving Capital
FirstEnergy Corp.	PowerSpan Corp.

Note: The information provided in Item 2 presents the activities of the reporting period only.

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ITEM 3 - ASSOCIATE TRANSACTIONS

Part I - Transactions Performed by Reporting Companies on Behalf of Associate Companies

Reporting Company Rendering Services	Associate Company Receiving Services	Types of Services
Bay Shore Power Company	FirstEnergy Generation Corp.	Sale of steam
Centerior Energy Services, Inc.	FirstEnergy Solutions Corp.	Energy consulting

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Dunbar Mechanical, Inc.	FirstEnergy Generation Corp.	HVAC servi
Dunbar Mechanical, Inc.	FirstEnergy Nuclear Operating Company	HVAC servi
Dunbar Mechanical, Inc.	The Toledo Edison Company	HVAC servi
Elliot-Lewis Corporation	Jersey Central Power & Light Company	HVAC servi
Elliot-Lewis Corporation	Metropolitan Edison Company	HVAC servi
Roth Bros., Inc.	FirstEnergy Generation Corp.	HVAC servi
Roth Bros., Inc.	FirstEnergy Nuclear Operating Company	HVAC servi
Roth Bros., Inc.	FirstEnergy Solutions Corp.	HVAC servi
Roth Bros., Inc.	Cleveland Electric Illuminating Company	HVAC servi
Sautter Crane Rental, Inc.	Metropolitan Edison Company	Crane rent
Sautter Crane Rental, Inc.	Jersey Central Power & Light Company	Crane rent
Warrenton River Terminal, Ltd.	FirstEnergy Generation Corp.	Loading, u storage of

Note: The information provided in Item 3 represents the activities of the reporting period only  
 ---- the caption "Total Amount Billed" are being filed pursuant to request for confidential treat

ITEM 3 - ASSOCIATE TRANSACTIONS (Continued)

Part II - Transactions Performed by Associate Companies on Behalf of Reporting Companies

Reporting Company Rendering Services -----	Associate Company Receiving Services -----	Types of S -----
FirstEnergy Service Company	GPU Diversified Holdings LLC	Legal and and admini
FirstEnergy Generation Corp.	Bay Shore Power Company	Sale of fu
FirstEnergy Generation Corp.	Bay Shore Power Company	Plant oper services
FirstEnergy Service Company	FirstEnergy Solutions Corp.	General an

Note: The information provided in Item 3 represents the activities of the reporting period only

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---- the caption "Total Amount Billed" are being filed pursuant to request for confidential tre

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ITEM 4 - SUMMARY OF AGGREGATE INVESTMENT

Investments in energy-related companies:

Total average consolidated capitalization as of March 31, 2004*	\$21,037,070
-----	
Total capitalization multiplied by 15% (line 1 multiplied by 0.15) Greater of \$50 million or line 2	3,155,561
Total current aggregate investment:	
(categorized by major line of energy-related business)	
Development and commercialization of photovoltaics (Category II)	6,984
Production, conversion, sale and distribution of thermal energy products (Category VI)	29,063
Sale of technical, operational, management, and other services related to HVAC, refrigeration systems (Category VII)	4,295
Fuel transportation, handling and storage facilities (Category IX)	50
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Total current aggregate investment	

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)

Note: The caption "Total average consolidated capitalization" includes total common equity, pr  
due within one year), long-term debt (including amounts due within one year) and short-te

The caption "Total current aggregate investment" includes all amounts invested  
energy-related companies on or after the date of effectiveness of Rule 58 (March 24, 19  
registered as a holding company (November 7, 2001) for which there is recourse, direct  
Corp. or any subsidiary company thereof. The amounts do not include purchase accounting a

\* Total capitalization amounts for March 2003 have been revised to reflect restatements in First  
2003 Form 10-Q.

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ITEM 5 - OTHER INVESTMENTS

Major Line of Energy-Related Business -----	Aggregate Investment as of December 31, 2003 -----	Change in Investm Reporting P -----
Energy management services (Category I)	\$ 1,766 (1)	-
Development and commercialization of electrotechnologies (Category II)	57,007 (2)	\$2,460
Energy services and retail energy sales (Category V)	18,158 (3)	-
Production, conversion, sale and distribution of thermal energy products (Category VI)	70,913 (4)	-
Sale of technical, operational, management, and other services related to HVAC, refrigeration systems (Category VII)	191,115 (5)	-
Fuel transportation, handling and storage facilities (Category IX)	4,959 (6)	-
Development and commercialization of technologies that utilize coal waste by-products (Category X)	46 (7)	-

- (1) Includes \$1,766 that was invested in energy-related companies, prior to FirstEnergy Corp. (November 7, 2001).
- (2) Includes \$52,483 that was invested in energy-related companies, prior to FirstEnergy Corp. (November 7, 2001).
- (3) Includes \$18,158 that was invested in energy-related companies, prior to FirstEnergy Corp. (November 7, 2001).
- (4) Includes \$41,850 that was invested in energy-related companies, prior to FirstEnergy Corp. (November 7, 2001).
- (5) Includes \$186,820 that was invested in energy-related companies, prior to FirstEnergy Corp. (November 7, 2001).
- (6) Includes \$4,909 that was invested in energy-related companies, prior to FirstEnergy Corp. (November 7, 2001).
- (7) Includes \$46 that was invested in energy-related companies, prior to FirstEnergy Corp. (November 7, 2001).

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ITEM 6 - FINANCIAL STATEMENTS AND EXHIBITS

A. Financial Statements  
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A-1 Financial statements of FirstEnergy Solutions Corp for the quarter ended March 31, 2004.



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- A-2 Financial statements of GPU Diversified Holdings LLC for the quarter ended March 31, 2004.
- A-3 Financial statements of Bay Shore Power Company for the quarter ended March 31, 2004. - filed pursuant to request for confidential treatment.
- A-4 Financial statements of Centerior Energy Services, Inc for the quarter ended March 31, 2004. - filed pursuant to request for confidential treatment.
- A-5 Financial statements of Warrenton River Terminal, Ltd. for the quarter ended March 31, 2004. - filed pursuant to request for confidential treatment.
- A-6 Financial statements of Dunbar Mechanical, Inc for the quarter ended March 31, 2004. - filed pursuant to request for confidential treatment.
- A-7 Financial statements of Edwards Electrical & Mechanical, Inc for the quarter ended March 31, 2004. - filed pursuant to request for confidential treatment.
- A-8 Financial statements of Elliot-Lewis Corporation for the quarter ended March 31, 2004. - filed pursuant to request for confidential treatment.
- A-9 Financial statements of L.H. Cranston and Sons, Inc. for the quarter ended March 31, 2004. - filed pursuant to request for confidential treatment.
- A-10 Financial statements of Roth Bros., Inc. for the quarter ended March 31, 2004. - filed pursuant to request for confidential treatment.
- A-11 Financial statements of The Hattenbach Company for the quarter ended March 31, 2004. - filed pursuant to request for confidential treatment.
- A-12 Financial statements of R.P.C. Mechanical, Inc. for the quarter ended March 31, 2004. - filed pursuant to request for confidential treatment.

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ITEM 6 - FINANCIAL STATEMENTS AND EXHIBITS (Continued)

A. Financial Statements (Continued)

- A-13 Financial statements of Spectrum Controls Systems, Inc. for the quarter ended March 31, 2004. - filed pursuant to request for confidential treatment.
- A-14 Financial statements of GPU Solar, Inc. for the quarter ended March 31, 2004. - filed pursuant to request for confidential treatment.

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ITEM 6 - FINANCIAL STATEMENTS AND EXHIBITS (Continued)

B. Exhibits

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Contracts Required by Item 3

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- B-1 Stockholders Agreement made and entered into as of January 7, 1998 by and among GPU International, Inc., AstroPower, Inc. and GPU Solar, Inc. (in connection with the sale of GPU International, Inc. on December 22, 2000, the Stockholders Agreement was amended such that GPU International, Inc. transferred its interest in GPU Solar, Inc. and its rights and responsibilities under the Stockholders Agreement to GPU Diversified Holdings LLC) - incorporated by reference to Exhibit B-12 to GPU's Quarterly Report on Form U-9C-3 for the period ended December 31, 2000.
- B-2 Amendment No. 1 to Stockholders Agreement made and entered into as of December 1, 2000 by and among GPU International, Inc., AstroPower, Inc., GPU Diversified Holdings LLC and GPU Solar, Inc. (this amendment essentially transferred GPU International, Inc.'s interest in GPU Solar, Inc. and its rights and responsibilities under the Stockholders Agreement to GPU Diversified Holdings LLC) - incorporated by reference to Exhibit B-13 to GPU's Quarterly Report on Form U-9C-3 for the period ended December 31, 2000.
- B-3 Contract between FirstEnergy Service Company and GPU Diversified Holdings LLC to provide legal and certain general and administrative services - incorporated by reference to Exhibit B-3 to FirstEnergy's Quarterly Report on Form U-9C-3 for the period ended September 30, 2003.
- B-4 Contract between FirstEnergy Service Company and FirstEnergy Solutions Corp. to provide legal and certain general and administrative services - incorporated by reference to Exhibit B-4 to FirstEnergy's Quarterly Report on Form U-9C-3 for the period ended September 30, 2003.

Note: Services rendered by all other FirstEnergy energy related companies to their associate companies are provided pursuant to written and oral contracts.

C. Certificate of FirstEnergy Corp.

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SIGNATURE

The undersigned registered holding company has duly caused this quarterly report to be signed on its behalf by the undersigned officer thereunto duly authorized pursuant to the requirements of the Public Utility Holding

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Company Act of 1935.

FIRSTENERGY CORP.

May 27, 2004

By: /s/ Harvey L. Wagner

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Harvey L. Wagner  
Vice President, Controller  
and Chief Accounting Officer  
(Principal Accounting Officer)

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