FIRSTENERGY CORP Form U5S April 28, 2005

SECURITIES AND EXCHANGE COMMISSION Washington, D. C. 20549

FORM U5S

ANNUAL REPORT For the Year Ended December 31, 2004

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by

FirstEnergy Corp. (File No. 333-21011) 76 South Main Street, Akron, Ohio 44308

FIRSTENERGY CORP. FORM U5S ANNUAL REPORT FOR THE YEAR ENDED DECEMBER 31, 2004

TABLE OF CONTENTS

Item No.	Title	Page
1.	System Companies and Investments Therein	1-18
2.	Acquisitions or Sales of Utility Assets	19
3.	Issue, Sale, Pledge, Guarantee or Assumption of System Securities	20
4.	Acquisition, Redemption or Retirement of System Securities	21-31
5.	Investments in Securities of Nonsystem Companies	32
6.	Officers and Directors	33-46
7.	Contributions and Public Relations	47
8.	Service, Sales and Construction Contracts	48
9.	Wholesale Generators and Foreign Utility Companies	49-52
10.	Financial Statements and Exhibits:	53
	Consent of Independent Public Accountants	54
	Consolidating Financial Statements of FirstEnergy Corp. for 2004	55-89
	Exhibits	90-133
	Signature Page	134

ITEM 1. SYSTEM COMPANIES AND INVESTMENT THEREIN AS OF DECEMBER 31, 2004

		Number of Common		(In Thousands Dollar)	
Name of Company	Business Type	Shares Owned	Voting Power	Issuer Book Value	Owner's Book Value
FirstEnergy Corp. (FirstEnergy):	Registered holding company				
Unsecured notes (11)				4,515,000	4,515,000
Money pool (13)				922,031	922,031
American Transmission Systems, Incorporated (ATSI)	Electric utility company	1	100.00%	295,420	295,420
Money pool (13)	company	1	100.0070	97,965	97,965
Centerior Service Company*	Inactive	750	100.00%		
FE Acquisition Corp.* Mid-Atlantic Energy	Inactive	65	100.00%		
Development Co.*	Inactive	1,900	100.00%		
FE Holdings, L.L.C.* (6)	Inactive		100.00%		
FELHC, Inc. (FELHC)	Exempt telecommunications Company (ETC)	1	100.00%	32	32
Money pool (13)				44	44
First Communications, LLC					
(6)	ETC		65.00%	8,629	8,629
Unsecured notes (11)				5,000	5,000
FirstEnergy Facilities Services Group, LLC	Nonutility holding				
(FEFSG) (6)	company	66	100.00%	90,753	90,753
Secured notes (11)	1 7			7,340	7,340
Short-term debt (12)				3,482	3,482
Money pool (13)				(8,877)	(8,877)
Dunbar Mechanical, Inc.	Rule 58 energy-related	277	100.00%	***	***
Edwards Electrical & Mechanical, Inc.	Rule 58 energy-related	435	100.00%	***	***
Elliott-Lewis Corporation	Rule 58 energy-related	100	100.00%	***	***
A.A. Duckett, Inc.	Rule 58 energy-related	1,000	100.00%	***	***

Dualcatt Dlumbing, LLC (6)	Rule 58		90.00%		
Duckett Plumbing, LLC (6)	energy-related Nonutility holding		90.00%		
E-L Enterprises, Inc.	company	1,000	100.00%		
Modern Air Conditioning,	Rule 58				
Inc.	energy-related	49,950	100.00%	***	***
Airdex Air Conditioning	Rule 58				
Corporation	energy-related	100	100.00%	***	***
	Rule 58				
R.L. Anderson, Inc.	energy-related	9,800	100.00%	***	***
	Rule 58				
Sautter Crane Rental, Inc.	energy-related	100	100.00%		
	Rule 58				
L.H. Cranston and Sons, Inc.	energy-related	1,000	100.00%	***	***
	Rule 58				
Roth Bros., Inc.	energy-related	792	100.00%	***	***
	Rule 58				
R.P.C. Mechanical, Inc.	energy-related	100	100.00%	***	***
Spectrum Controls Systems,	Rule 58				
Inc.	energy-related	35	100.00%	***	***
	Rule 58				
The Hattenbach Company	energy-related	531	100.00%	***	***

ITEM 1. SYSTEM COMPANIES AND INVESTMENT THEREIN AS OF DECEMBER 31, 2004 (Continued)

		Number of	% of	(In Thousar	nds Dollar)
Name of Company	Business Type	Common Shares Owned	Voting Power	Issuer Book Value	Owner's Book Value
FirstEnergy Foundation	Charitable foundation		100.00%		
FirstEnergy Nuclear Operating Company (FENOC) Money pool (13)	Energy-related company	1	100.00%	(11,200) (58,559)	(11,200) (58,559)
FirstEnergy Properties, Inc. (FE Properties) Secured notes (11) Money pool (13)	Real estate subsidiary	400	100.00%	33,037 9,182 24,438	33,037 9,182 24,438
BSG Properties, Inc.*	Real estate subsidiary	10	100.00%	,	21,130
FirstEnergy Securities Transfer Company (FirstEnergy Transfer)	Stock transfer service	1	100.00%		
FirstEnergy Service Company (FECO)	Service company	1	100.00%	4,624	4,624
FirstEnergy Solutions Corp. (FES)	Rule 58 energy-related	8	100.00%	170,247	170,247
Money pool (13) FirstEnergy Engineering, Incorporated	Rule 58 energy-related	100	100.00%	(245,215)	(245,215)
FirstEnergy Generation Corp. (GenCo)	Exempt wholesale generator	1	100.00%		***
Pollution control notes (11) Money pool (13)				15,000 (706,545)	15,000 (706,545)
FirstEnergy Telecom Services, Inc. Money pool (13)	ETC	100	100.00%	(5,751) (26,108)	(5,751) (26,108)
AFN Finance Company No. 1, LLC (6)	ETC		100.00%		
FirstEnergy Ventures Corp. (FirstEnergy Ventures) Money pool (13)	Nonutility holding company	102	100.00%	110,446 17,252	110,446 17,252
Bay Shore Power Company	Rule 58 energy-related	1	100.00%	***	* * *

Secured notes (11)				137,500	137,500
Money pool (13)				6,181	6,181
Centerior Communications	Nonutility				
Holdings, Inc.	holding company	10	100.00%	***	***
Fiber Venture Equity, Inc.*	ETC	10	100.00%		
AFN Finance Company No. 3,					
LLC (6)	ETC		100.00%		
	Rule 58				
Centerior Energy Services, Inc.	energy-related	100	100.00%	***	***
Money pool (13)				445	445
Centerior Power Enterprises,					
Inc.*	Inactive	10	100.00%		
	Rule 58				
Eastroc Technologies, LLC* (6)	energy-related		50.00%		
	Rule 58				
Engineered Processes, Ltd.* (6)	energy-related		50.00%		
FirstEnergy					
Telecommunications Corp.	ETC	1	100.00%	***	***
Money pool (13)				(1,128)	(1,128)

ITEM 1. SYSTEM COMPANIES AND INVESTMENT THEREIN AS OF DECEMBER 31, 2004 (Continued)

		Number of Common	% of	(In Thousands Dollar)	
		Shares	Voting	Issuer Book	Owner's
Name of Company	Business Type	Owned	Power	Value	Book Value
Warrenton River Terminal,	Rule 58				
Ltd. (6)	energy-related	-	100.00%		***
Secured notes (11)				220	220
Money pool (13)				88	88
CDII Conital Inc. (CDII	Eoraign utility				
GPU Capital, Inc. (GPU Capital)	Foreign utility company	100	100.00%	175,400	175,400
Money pool (13)	Company	100	100.00%	234,267	234,267
GPU Electric, Inc. (GPU	Foreign utility			234,207	234,207
Electric)	company	100	100.00%	***	***
Money pool (13)	company	100	100.0076	166,323	166,323
EI UK Holdings, Inc.	Foreign utility			100,525	100,525
(EIUK)	company	100	100.00%	***	***
Money pool (13)	1 7			(65,921)	(65,921)
Aquila Sterling Holdings	Foreign utility				
LLC (5) (6)	company		50.00%		
GPU Argentina Services	Foreign utility				
S.R.L.	company		100.00%		
GPU Diversified Holdings,	Nonutility				
LLC (GPUDH) (6)	holding company	100	100.00%	,	19,836
Money pool (13)				1,557	1,557
Ballard Generation Systems,			5 44 67	0.262	0.262
Inc.	D1- 50		7.41%	9,262	9,262
GPU Distributed Power,	Rule 58	100	100 000		
Inc. GPU EnerTech Holdings,	energy-related Rule 58	100	100.00%		
Inc.	energy-related	100	100.00%		
EnviroTech Investment	Rule 58	100	100.00 /6		
Fund I LP (1) (6)	energy-related		9.89%	433	433
1 tille 1 Er (1) (0)	Rule 58		J.65 /c	133	133
GPU Solar, Inc.	energy-related	50	50.00%	289	289
,					
GPU Nuclear, Inc. (GPUN)	Service company	2,500	100.00%	50	50
Money pool (13)	• •			2,123	2,123
Private Fuel Storage LLC					
(6)			10.10%		
	Exempt				
GPU Power, Inc. (GPU	wholesale				
Power)	generator	100	100.00%		37,874
Money pool (13)				38,255	38,255
		100	100.00%		

EI Canada Holding Limited (6)	Exempt wholesale generator				
EI Brooklyn Power Limited (6)	Exempt wholesale generator	100	100.00%		
EI Brooklyn Investments Limited (6)	Exempt wholesale generator	1	100.00%		
EI Services Canada Limited (6)	Exempt wholesale generator	100	100.00%		
Jersey Central Power & Light Company (JCP&L)	Public utility	15,371,270	100.00%	3,155,362	3,155,362
First mortgage bonds (11)	company	13,371,270	100.00 //	383,185	383,185
Secured notes (11) Money pool (13)				880,612 (248,532)	880,612 (248,532)
JCP&L Transition Funding, LLC (6)	Financing subsidiaries	100	100.00%	1,626	1,626
JCP&L Transition Funding II, LLC (6) (10)	Financing subsidiaries		100.00%		
Saxton Nuclear Experimental Corporation* (2)	Energy-related company		44.00%		

ITEM 1. SYSTEM COMPANIES AND INVESTMENT THEREIN AS OF DECEMBER 31, 2004 (Continued)

		Number of Common	% of	(In Thousands Dollar)	
Name of Company	Business Type	Shares Owned	Voting Power	Issuer Book Value	Owner's Book Value
MARBEL Energy Corporation (MARBEL) Money pool (13)	Energy-related company	991	100.00%	141,151 118,602	141,151 118,602
Marbel HoldCo, Inc.	Nonutility holding company	100	100.00%	***	***
Metropolitan Edison Company (Met-Ed) First mortgage bonds (11) Unsecured notes (11)	Public utility company	859,500	100.00%	80,020 650,000	1,285,419 80,020 650,000
Money pool (13) MetEd Funding LLC (6) (14)	Financing subsidiaries		100.00%	·	(80,090) 8,582
Money pool (13) Met-Ed Preferred Capital II, Inc.	Financing subsidiaries	100	100.00%	5,365 2,562	5,365 2,562
Met-Ed Capital II, L. P. (6) (9)	Financing subsidiaries	-	100.00%		
Met-Ed Capital Trust (9) Saxton Nuclear Experimental	Financing subsidiaries Energy-related	-	100.00%		
Corporation* (2) York Haven Power	company Electric utility		32.00%		
Company Money pool (13)	company	500	100.00%	26,949 13,404	26,949 13,404
	Energy-related			,	,
MYR Group Inc. (MYR) Money pool (13)	company	100	100.00%	127,434 4,143	127,434 4,143
ComTel Technology, Inc.	Energy-related company	50,000	100.00%	***	***
Great Southwestern Construction, Inc.	Energy-related company	50,000	100.00%	***	***
Harlan Electric Company	Energy-related company	100	100.00%	***	***
Power Piping Company	Energy-related company	9,900	100.00%	***	***
Sturgeon Electric Company, Inc.	Energy-related company	100	100.00%	***	***
Hawkeye Construction, Inc.	Energy-related company	550	100.00%	***	***

Energy-related				
company	100	100.00%	***	***
Energy-related				
company	100	100.00%	***	***
Energy-related				
company	1,000	100.00%	***	***
Public utility				
company	100	100.00%	2,493,809	2,493,809
			80,000	80,000
			765,435	765,435
			511,000	511,000
	company Energy-related company Energy-related company Public utility	company 100 Energy-related company 100 Energy-related company 1,000 Public utility	company 100 100.00% Energy-related company 100 100.00% Energy-related company 1,000 100.00% Public utility	company 100 100.00% *** Energy-related company 100 100.00% *** Energy-related company 1,000 100.00% *** Public utility company 100 100.00% 2,493,809 80,000 765,435

ITEM 1. SYSTEM COMPANIES AND INVESTMENT THEREIN AS OF DECEMBER 31, 2004 (Continued)

		Number of Common	% of	(In Thousa	nds Dollar)
Name of Company	Business Type	Shares Owned	Voting Power	Issuer Book Value	Owner's Book Value
Short-term debt (12)				21,000	21,000
Money pool (13)				503,029	503,029
• •	Financing				
OES Capital, Incorporated	subsidiaries	200	100.00%	28,220	28,220
Short-term debt (12)				141,935	141,935
Money pool (13)				16,839	16,839
1.101 .0) poor (10)	Financing			10,000	10,000
OES Finance, Incorporated*	subsidiaries	140	100.00%		
OLS I mance, incorporated	Financing	140	100.0076		
OES Nuclear, Incorporated	subsidiaries	1	100.00%	12,473	12,473
•	Substatatics	1	100.00 //	14,843	14,843
Money pool (13)	Manutility.			14,643	14,843
OEG Wantenan Landau and 1	Nonutility	110	100 000	14.572	14.570
OES Ventures, Incorporated	holding company	110	100.00%	,	14,573
Money pool (13)	T			2,761	2,761
	Financing				
PNBV Capital Trust (8)	subsidiaries	-	49.00%	20,883	20,883
Ohio Edison Financing Trust	Financing				
(6)	subsidiaries	148,454	100.00%		
Ohio Edison Financing Trust	Financing				
II* (6)	subsidiaries	-	100.00%		
Ohio Valley Electric	Public utility				
Corporation (OVEC) (3)	company	16,500	16.50%	1,650	1,650
Indiana-Kentucky Electric					
Corporation					
Pennsylvania Power Company	Public utility				
(Penn)	company	6,290,000	100.00%	327,379	327,379
First mortgage bonds (11)	• •			21,143	21,143
Secured notes (11)				112,179	112,179
Unsecured notes (11)				14,500	14,500
Money pool (13)				(11789)	(11,789)
Penn Power Funding LLC (6)				(, , ,	(,: ==)
(16)			100.00%	1,525	1,525
Money pool (13)			100,007	(63)	(63)
Apollo Tax Credit Fund III, L.	Affordable			(02)	(02)
P. (6)	housing				
1.(0)	investments		33.33%	500	500
Apollo Tax Credit Fund IX, L.	Affordable		33.33 /0	300	300
-					
P. (6)	housing		99.99%	14,000	14,000
Ch 4 1 - 1 - (10)	investments		99.99%	,	14,000
Short-term debt (12)	A CC 1 1 1			4,072	4,072
Boston Capital Corporate Tax	Affordable				
Credits IV, L. P. (6)	housing			-	.
	investments		2.95%	565	565

Boston Capital Corporate Tax Credits X, L. P. (6)	Affordable housing			
	investments	10.93%	2,104	2,104
Boston Capital Corporate Tax	Affordable			
Credits XVI, L. P. (6)	housing			
	investments	14.00%	5,411	5,411
Boston Capital Corporate Tax	Affordable			
Credits XVII, L. P. (6)	housing			
	investments	10.00%	4,493	4,493
Boston Financial Institutional	Affordable			
Tax Credits III, L. P. (6)	housing			
, , ,	investments	5.38%	1,007	1,007
Boston Financial Institutional	Affordable			
Tax Credits V, L. P. (6)	housing			
, , ,	investments	3.24%	731	731
Boston Financial Institutional	Affordable			
Tax Credits XVI, L. P. (6)	housing			
, , , , , , , , , , , , , , , , , , , ,	investments	5.83%	2,579	2,579
EnviroTech Investment Fund I	Energy-related		_,_,_	_,
LP (1) (6)	company	6.00%	695	695
Marion Senior Housing	Affordable	0.00%	0,0	0,2
Limited Partnership (6)	housing			
Zimied Tarmersing (0)	investments	29.47%	1,131	1,131
McDonald Corporate Tax	III (Commonto	25.17 %	1,131	1,131
Credit Fund Limited				
Cicait i una Linnica				