

FIRSTENERGY CORP

Form 11-K

June 27, 2018

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

FORM 11-K

ANNUAL  
REPORT

Pursuant to  
Section 15(d) of  
the  
Securities  
Exchange Act of  
1934

(Mark One)

{X} ANNUAL REPORT  
PURSUANT TO  
SECTION 15(d) OF THE  
SECURITIES  
EXCHANGE  
ACT OF 1934  
For the fiscal  
year ended  
December 31,  
2017

OR

{ } TRANSITION  
REPORT  
PURSUANT  
TO SECTION  
15(d) OF THE  
SECURITIES  
EXCHANGE  
ACT OF 1934

For the  
transition period  
from \_\_\_\_\_  
to \_\_\_\_\_.

Commission file  
number  
333-21011

- A. Full title of the  
plan and the  
address of the  
plan, if different  
from that of the  
issuer named  
below:

FIRSTENERGY  
CORP.  
SAVINGS  
PLAN

- B. Name of issuer  
of the securities  
held pursuant to  
the plan and the  
address  
of its principal  
executive office:

FIRSTENERGY  
CORP.  
76 SOUTH  
MAIN STREET  
AKRON, OH  
44308

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FirstEnergy Corp. Savings Plan  
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Other schedules of additional financial information have been omitted as they are not applicable or are not required based on the disclosure requirements of the Employee Retirement Income Security Act of 1974 and applicable regulations issued by the United States Department of Labor.

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REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Participants and Savings Plan Committee of the  
FirstEnergy Corp. Savings Plan  
Akron, Ohio

Opinion on the Financial Statements

We have audited the accompanying statements of net assets available for benefits of the FirstEnergy Corp. Savings Plan (the “Plan”) as of December 31, 2017 and 2016, the related statement of changes in net assets available for benefits for the year ended December 31, 2017, and the related notes (collectively referred to as the “financial statements”). In our opinion, the financial statements present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2017 and 2016, and the changes in net assets available for benefits for the year ended December 31, 2017, in conformity with accounting principles generally accepted in the United States of America.

Basis for Opinion

These financial statements are the responsibility of the Plan’s management. Our responsibility is to express an opinion on the Plan’s financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (“PCAOB”) and are required to be independent with respect to the Plan in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.

Supplemental Information

The supplemental information in the accompanying schedule of assets (held at end of year) as of December 31, 2017 and the schedule of reportable transactions for the year then ended has been subjected to audit procedures performed in conjunction with the audit of the Plan’s financial statements. The supplemental information is the responsibility of the Plan’s management. Our audit procedures included determining whether

the supplemental information reconciles to the financial statements or the underlying accounting and other records, as applicable, and performing procedures to test the completeness and accuracy of the information presented in the supplemental information. In forming our opinion on the supplemental information, we evaluated whether the supplemental information, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. In our opinion, the supplemental information is fairly stated, in all material respects, in relation to the financial statements taken as a whole.

We have served as the Plan's auditor since 2003.

/s/ BOBER, MARKEY, FEDOROVICH & COMPANY  
Akron, Ohio

June 27, 2018

FirstEnergy Corp. Savings Plan

Statements of Net Assets Available for Benefits

	As of December 31,	
	2017	2016
<b>Assets</b>		
<b>Investments:</b>		
Investments, at fair value (see Note 5)	\$3,375,225,535	\$2,944,601,484
Investments, at contract value (see Note 6)	522,144,768	565,637,389
Total investments	3,897,370,303	3,510,238,873
<b>Receivables:</b>		
Accrued interest and dividends	2,181,468	2,014,476
Employer contributions	1,143,953	1,195,559
Employee contributions	3,487,944	3,549,535
Notes receivable from participants	62,281,227	60,108,033
Due from brokers	7,806,556	2,867,791
Total receivables	76,901,148	69,735,394
Total assets	3,974,271,451	3,579,974,267
<b>Liabilities</b>		
Administrative expenses payable	1,285,311	2,402,346
Due to brokers	30,609,643	24,798,263
Total liabilities	31,894,954	27,200,609
Net assets available for benefits	\$3,942,376,497	\$3,552,773,658

The accompanying notes are an integral part of these financial statements.

FirstEnergy Corp. Savings Plan

Statement of Changes in Net Assets Available for Benefits

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	For the Year Ended December 31, 2017
Additions:	
Contributions:	
Employer	\$48,702,781
Participant	151,399,174
Total contributions	200,101,955
Investment Income:	
Interest and dividends	57,523,555
Net appreciation in fair value of investments	411,234,443
Total investment income	468,757,998
Interest income on notes receivable from participants	2,653,202
Deductions:	
Distributions to participants	(276,057,021 )
Administrative expenses	(5,853,295 )
Total deductions	(281,910,316 )
Increase in net assets available for benefits	389,602,839
Net assets available for benefits, beginning of year	3,552,773,658
Net assets available for benefits, end of year	\$3,942,376,497



The accompanying notes are an integral part of these financial statements.

FirstEnergy Corp. Savings Plan

Notes to Financial Statements

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1. Description of the Plan

The following brief description of the FirstEnergy Corp. Savings Plan (Plan) is provided for general information purposes only. Participants should refer to the Plan documents for more complete information.

General

The Plan is a defined contribution plan and was established to provide a systematic savings program for eligible employees and to supplement such savings with employer contributions. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended (ERISA) and the Internal Revenue Code of 1986, as amended (IRC).

Administration

FirstEnergy Corp. (FirstEnergy) is the sponsor of the Plan. The FirstEnergy Savings Plan Committee is the administrator of the Plan and has responsibility for the day-to-day administration of the Plan. Plan assets are held in trust under an arrangement with State Street Bank & Trust Company (State Street). Record keeping with respect to individual participant accounts is maintained by Fidelity Investments (Fidelity).

Participation

Generally, all full-time and part-time employees of FirstEnergy's subsidiaries and participating employers not represented by a collective bargaining union are eligible to participate in the Plan. Full-time and part-time employees represented by a labor union may participate to the extent permitted by their respective collective bargaining agreement.

Except as further noted, new employees who do not make an affirmative election to make (or not make) pre-tax contributions to the Plan are deemed to have made an election to contribute 3% of eligible earnings for each payroll period increasing by 1% each April until the employee contribution rate reaches the maximum amount that will be subject to matching contributions. Effective January 1, 2018, except as further noted, new employees who do not make an affirmative election are deemed to have made an election to contribute 6% of eligible earnings for each payroll period increasing by 1% each April until the employee contribution rate reaches 10%. Certain union participants are automatically enrolled at 2%, Utility Workers Union of America (UWUA) Local 180 is without escalation and International Brotherhood of Electrical Workers (IBEW) Local 777 has an increase of 1% per year up to 4%. A new employee who has not made an affirmative election as to the investment of his or her account shall have his or her account invested in the age appropriate LifePath Portfolio Fund made available to Plan participants. A LifePath Portfolio Fund is an investment alternative that provides a mixture of fixed income and equity investments that are matched to an individual's age and assumed retirement date. A participant may change any automatic contribution at any time.

Contributions

Subject to IRC limitations, the Plan allows each participant to contribute 1% to 75% (22% for participants represented by UWUA Local 180) of their eligible earnings to the Plan through payroll deductions. Participant contributions may be made as before-tax, after-tax or Roth 401(k) contributions (UWUA Local 180 and IBEW Local 777 are not eligible

to elect Roth 401(k) contributions). During any calendar year in which a participant attains age 50 or older, he or she may elect to make additional pre-tax contributions and/or Roth contributions, called “catch-up” contributions. In order to be eligible to make catch-up contributions, the participant must anticipate that his or her pre-tax contributions and/or Roth contributions to the Plan will reach the applicable annual IRC limit on that type of contribution.

FirstEnergy makes a matching contribution of 50% on the first 6% of eligible compensation contributed by an employee, except for IBEW Local 777 and UWUA Local 180 participants who receive a matching contribution of 80% and 60%, respectively, on the first 4% of eligible contributions. All employer matching contributions are invested in FirstEnergy common stock, except for certain IBEW Local 777 and UWUA Local 180 participants whose matching contributions are invested in cash. Catch-up contributions are not eligible for matching contributions. The number of shares of FirstEnergy common stock contributed to each participant is based on the market price of FirstEnergy common stock as of the end of each pay period. FirstEnergy matching contributions are non-cash contributions made by issuing shares of common stock. Plan participants may diversify matching contributions held in FirstEnergy common stock at any time, subject to certain limitations.

## FirstEnergy Corp. Savings Plan

### Notes to Financial Statements

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#### Participant Accounts

Individual accounts are maintained for each Plan participant. Each participant's account is credited with the participant's contributions, employer matching contributions and allocated Plan earnings. Participants are vested in the entire value of their account at all times.

#### Investments

Participants direct the investment of their contributions and account balances into various investment options including ten LifePath Funds that include a diversified mix of asset classes based on expected retirement dates, sixteen Plan investment options with different objectives covering a range of asset classes and risk levels and a self-managed brokerage account that offers participants the ability to invest in any security listed on the New York Stock Exchange (NYSE), the NYSE MKT LLC (formerly known as the American Stock Exchange or NYSE Amex LLC) or the NASDAQ and a wide range of mutual funds.

The Plan's investment options include a fund of shares of FirstEnergy common stock, which together with a small portion of cash maintained for liquidity purposes, are recorded on a unit basis. FirstEnergy's common shares are traded on the NYSE and participation units in the FirstEnergy Common Stock Fund are valued at the NYSE closing price on the last business day of the plan year. The valuation per share of FirstEnergy's common stock was \$30.62 and \$30.97 at December 31, 2017 and 2016, respectively. The valuation per unit of the FirstEnergy Common Stock Fund was \$37.42 and \$37.86 at December 31, 2017 and 2016, respectively, due to cash maintained in the fund for liquidity purposes.

#### Notes Receivable from Participants

Participants may borrow up to 50% of their total account balance, excluding their Roth 401(k) balance, not exceeding \$50,000, including loans outstanding and the highest unpaid loan balance over the previous 12 months. The interest rate for new loans is adjusted each quarter to the prime rate plus 1% based on the prime rate on approximately the 15th day of the last month of the preceding quarter. The range of interest rates on outstanding loan balances during the year ended December 31, 2017 was 4.25% to 10%. Participants may have up to two loans outstanding at one time. The minimum loan amount is \$1,000 and must be repaid within 6 to 60 months. If the loan is for the purchase of a principal residence, the loan repayment period can be extended up to 30 years. Principal repayments and interest are credited to the participant's account when made, generally through payroll deduction.

#### Payment of Benefits

Upon termination of service due to disability, retirement or any other reason, a participant may elect to receive the full value or a portion of his or her account, defer payment to a later date (not beyond age 70-1/2) or receive installment payments. In the event of a participant's death, the participant's spouse may elect to withdraw all or a portion of the former participant's account or keep the funds in the Plan in accordance with provisions of the Plan, all other beneficiaries must withdraw or rollover the former participant's account within 180 days.

#### Subsequent Events

Management evaluates events and transactions occurring subsequent to the date of the financial statements that affect recognition or disclosure to the financial statements.

## 2.Summary of Significant Accounting Policies

The accompanying financial statements have been prepared on the accrual basis of accounting. Benefits are recorded when paid. The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America (GAAP) requires management to make estimates and assumptions that affect reported amounts and disclosures. Actual results may differ from these estimates.

The Plan's investments are stated at fair value. Fair value reflects the price that would be received for an asset or paid to transfer a liability in the principal or most advantageous market for the asset or liability in an orderly transaction between willing market participants on the measurement date. See Note 5 for a discussion of fair value measurements. Contract value is the relevant measurement attribute for that portion of the net assets available for benefits of the Plan attributable to fully benefit-responsive investment contracts because contract value is the amount participants would receive if they were to initiate permitted transactions under the terms of the Plan.

Notes receivable from participants represent participant loans and are measured at their unpaid principal balance plus any accrued interest. Delinquent participant loans are reclassified as distributions based upon the terms of the

FirstEnergy Corp. Savings Plan

Notes to Financial Statements

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Plan document. Repayments of principal and interest are recognized in the period in which payroll deductions are processed.

Investment income consists of interest and dividend income. The net appreciation (depreciation) in the fair value of investments consists of realized gains (losses) and unrealized appreciation (depreciation) on those investments. Dividend income is accrued on the ex-dividend date. Purchases and sales of securities are recorded on a trade-date basis. Realized gains and losses from security transactions are reported based on historical cost.

Expenses for the administration of the Plan are generally paid by the Plan.

### 3. Recent Accounting Pronouncements

In February 2017, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU) No. 2017-06, Employee Benefit Master Trust Reporting. ASU 2017-06 requires an interest in a master trust and any change in the value of that interest to be reported in separate line items in the statement of net assets available for benefits and in the statement of changes in net assets available for benefits, respectively. In addition, disclosure is required for the investments and other assets and liabilities of the master trust, as well as the dollar amount of its interest in these balances. The ASU is effective in 2019 and early adoption is permitted. This ASU does not impact the plan financials.

### 4. Plan Termination

Although FirstEnergy has not expressed any intent to do so, it reserves the right to discontinue or terminate the Plan at any time. If the Plan were terminated, in whole or in part, participants would be entitled to withdraw the full value of their accounts, to the extent allowed by law.

### 5. Investments and Fair Value Measurements

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the Statements of Net Assets Available for Benefits.

Authoritative accounting guidance establishes a fair value hierarchy that prioritizes the inputs used to measure fair value. This hierarchy gives the highest priority to Level 1 measurements and the lowest priority to Level 3 measurements.

The three levels of the fair value hierarchy are as follows:

- Quoted prices for identical instruments in active markets.

Level

1

Level

2

- Quoted prices for similar instruments in active markets;
- Quoted prices for identical or similar instruments in markets that are not active; and
- Model-derived valuations for which all significant inputs are observable market data.

Models are primarily industry-standard models that consider various assumptions, including quoted forward prices for commodities, time value, volatility factors and current market and contractual prices for the underlying instruments, as well as other relevant economic measures.

Level

3

- Valuation inputs are unobservable and significant to the fair value measurement.

The Plan did not hold any Level 3 investments as of December 31, 2017 or 2016 or during the year ended December 31, 2017.

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## FirstEnergy Corp. Savings Plan

## Notes to Financial Statements

There were no changes in valuation methodologies for assets measured at fair value during 2017.

The following tables set forth, by level within the fair value hierarchy, the fair value of the Plan's investments as of December 31, 2017 and 2016:

	December 31, 2017		
	Level 1	Level 2	Total
Cash and Cash Equivalents	\$—	\$6,332,431	\$6,332,431
Common Collective Trusts	—	1,793,543,746	1,793,543,746
FirstEnergy Common Stock Fund			
FirstEnergy Common Stock	322,564,666	—	322,564,666
Cash and Cash Equivalents	—	2,542,282	2,542,282
Total FirstEnergy Common Stock Fund	322,564,666	2,542,282	325,106,948
Registered Investment Companies	832,633,686	281,469,385	1,114,103,071
Self Managed Brokerage Accounts <sup>1</sup>	—	136,139,339	136,139,339
Total Investments at Fair Value <sup>2</sup>	\$1,155,198,352	\$2,220,027,183	\$3,375,225,535

<sup>1</sup> The brokerage account investments are directed by participants.

<sup>2</sup> Values do not include investments at contract value.

	December 31, 2016		
	Level 1	Level 2	Total
Cash and Cash Equivalents	\$—	\$4,944,296	\$4,944,296
Common Collective Trusts	—	1,583,189,917	1,583,189,917
FirstEnergy Common Stock Fund			
FirstEnergy Common Stock	330,093,147	—	330,093,147
Cash and Cash Equivalents	—	1,417,891	1,417,891
Total FirstEnergy Common Stock Fund	330,093,147	1,417,891	331,511,038
Registered Investment Companies	686,285,793	229,962,736	916,248,529



Self Managed Brokerage Accounts <sup>1</sup>	—	108,707,704	108,707,704
Total Investments at fair value <sup>2</sup>	\$1,016,378,940	\$1,928,222,544	\$2,944,601,484

<sup>1</sup> The brokerage account investments are directed by participants.

<sup>2</sup> Values do not include investments at contract value.

## FirstEnergy Corp. Savings Plan

## Notes to Financial Statements

## 6. Fully Benefit-Responsive Investment Contracts

The Plan has an interest in synthetic guaranteed investment contracts (GICs) as part of the Capital Preservation Fund, which is managed by PIMCO.

In accordance with authoritative guidance for defined contribution plans, investment contracts are generally measured at contract value rather than fair value to the extent they are fully benefit-responsive. Contract value represents contributions made under the contract, plus earnings, less participant withdrawals and administrative expenses. Participants transact with their investment in the Capital Preservation Fund at contract value as determined by the insurers and banks. No valuation reserve in relation to the contract value was deemed necessary. The Statement of Changes in Net Assets Available for Benefits and the Statements of Net Assets Available for Benefits present the Synthetic GIC's on a contract value basis.

A synthetic investment contract includes a wrapper contract, which is an agreement for the wrap issuer, such as a bank or insurance company, to make payments to the Plan in certain circumstances. The wrapper contract typically includes certain conditions and limitations on the underlying assets owned by the Plan.

The synthetic investment contracts held by the Plan include wrapper contracts that provide a guarantee that the credit rate will not fall below zero percent. Cash flow volatility (for example, timing of benefit payments) as well as asset underperformance can be passed through to the Plan through adjustments to future contract crediting rates. Formulas are provided in each contract that adjusts renewal crediting rates to recognize the difference between the fair value and the book value of the underlying assets. Crediting rates are reviewed monthly for resetting.

Certain events limit the ability of the Plan to transact with the issuer at contract value. These events include closings (location, subsidiary, division), layoffs, Plan termination, bankruptcy or reorganization, corporate merger, early retirement incentive programs or similar events. The Plan Administrator does not believe any such events, of the magnitude that would limit the Plan's ability to transact at contract value, are probable. The GICs do not permit the issuers to terminate the contracts at an amount other than contract value.

The following represents the disaggregation of contract value between types of investment contracts held by the Plan at December 31, 2017 and 2016:

	2017	2016
Short-term investment fund	\$2,674,077	\$23,933,495
Synthetic GIC's	519,470,691	541,703,894
Total Investments at contract value	\$522,144,768	\$565,637,389

The synthetic GIC's are presented on Schedule H, line 4i - Schedule of Assets (Held at End of Year) at fair value as a requirement of the Form 5500. The fair value of the synthetic GICs represents the total fair value of the underlying assets plus the wrap value, which is calculated by using the discounted cash flows of the difference between the

current wrap fee and the market indication wrap fee.

## 7. Tax Considerations

The Plan is exempt from federal, state and local income taxes. The Plan obtained its latest favorable determination letter on October 27, 2016, in which the Internal Revenue Service (IRS) stated that the Plan, as then designed, was in compliance with the applicable requirements of the IRC. The Plan has been amended since receiving the determination letter. However, the Plan Administrator and the Plan's tax counsel believe that the Plan is currently designed and being operated in compliance with the applicable requirements of the IRC.

The federal, state and local income tax treatments of distributions from the Plan depend upon when they are made and their form. The withdrawal of the principal amount of a participant's after-tax contribution is not, however, subject to tax. For tax years beginning after December 31, 1986, the Tax Reform Act of 1986 requires that an additional tax of 10% be applied to participant withdrawals from the Plan prior to death, disability, attainment of age 59-1/2 or

## FirstEnergy Corp. Savings Plan

### Notes to Financial Statements

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under certain other limited circumstances. In the case of withdrawal by a participant employed by FirstEnergy prior to the attainment of age 59-1/2, the excess of the value of the withdrawal over the total amount of the participant's after-tax contributions, is taxable at ordinary income tax rates. The value of FirstEnergy's common stock withdrawn is considered to be its fair value on the date it is withdrawn.

In the case of a distribution that qualifies as a lump-sum distribution upon a participant's termination of employment with FirstEnergy or after attaining the age of 59-1/2, only the excess of the value of the lump sum distribution over the amount of the participant's after-tax contributions to the Plan (less withdrawals) is taxable at ordinary income tax rates. In determining the value of the lump-sum distribution, the FirstEnergy common stock distributed in-kind or in cash is measured at fair value on the date it is withdrawn.

The Plan is subject to audits by taxing jurisdictions. GAAP requires Plan management to evaluate tax positions taken by the Plan and recognize a tax liability if the Plan has taken an uncertain position that more than likely would not be sustained upon examination by taxing authorities. The Plan Administrator has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2017 and 2016, there are no uncertain positions taken or expected to be taken that would require recognition of a liability or disclosure in the financial statements.

#### 8. Party-In-Interest Transactions

Certain Plan investments are shares of mutual funds managed by State Street Global Advisors. State Street, a related company, is the trustee as defined by the Plan and, therefore, these transactions qualify as party-in-interest transactions.

PIMCO is the fund manager of the Capital Preservation Fund and invests in certain investments managed by PIMCO and therefore, these transactions qualify as party-in-interest transactions.

Certain Plan investments are shares of FirstEnergy common stock with sales and purchases of the stock commencing on an as-needed basis. The investments and transactions qualify as party-in-interest transactions.

Additionally, the Plan uses the services of other fund managers that are paid directly by the Plan.

All of the above transactions are exempt from the prohibited transaction rules of ERISA.

#### 9. Reconciliation of Financial Statements to Form 5500

The following is a reconciliation of net assets available for benefits, investment income and interest income on notes receivable per the financial statements to Form 5500 as of December 31, 2017 and 2016, and for the year ended December 31, 2017:

2017	2016
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Net assets available for benefits per the financial statements	\$3,942,376,497	\$3,552,773,658
Adjustment from contract value to fair value for fully-benefit responsive investment contracts	(2,363,082)	(2,198,445)
Net assets available for benefits per Form 5500	\$3,940,013,415	\$3,550,575,213
Total investment income and interest income on notes receivable from participants per the financial statements	\$471,411,200	
Adjustment from contract value to fair value for fully-benefit responsive investment contracts	(164,637)	
Investment income per Form 5500	\$471,246,563	

FirstEnergy Corp. Savings Plan  
Schedule H, line 4i - Schedule of Assets (Held at End of Year)  
December 31, 2017  
#34-1843785 Plan 002

(a)	(b)	(c)	(d)	(e)
	Identity of issue, borrower, lessor or similar party	Description of investment, including maturity date, rate of interest, collateral, par or maturity value	Cost (\$)	Current Value (\$)
*	STATE STREET STIF	Money market fund	**	\$ 6,332,431
*	FIRSTENERGY COMMON STOCK FUND	FirstEnergy common stock	**	325,106,948
	FIDELITY PURITAN FUND	Balanced fund	**	145,510,107
	ACWI EX US - M	International stocks	**	42,563,055
	DFA US SMALL CAP VALUE PORTFOLIO	Small cap value stocks	**	120,697,980
	PIMCO REAL RETURN FUND INSTITUTIONAL CLASS	Bonds	**	17,886,332
	AMERICAN FUNDS EURO-PACIFIC GROWTH FUND	International stocks	**	169,948,952
	BLACKROCK LIFEPATH INDEX RETIREMENT FUND L	Blend of stocks, fixed income	**	89,053,469
	BLACKROCK LIFEPATH INDEX 2020 FUND L	Blend of stocks, fixed income	**	150,495,638
	BLACKROCK LIFEPATH INDEX 2025 FUND L	Blend of stocks, fixed income	**	151,283,090
	BLACKROCK LIFEPATH INDEX 2030 FUND L	Blend of stocks, fixed income	**	99,353,726
	BLACKROCK LIFEPATH INDEX 2035 FUND L	Blend of stocks, fixed income	**	58,276,032
	BLACKROCK LIFEPATH INDEX 2040 FUND L	Blend of stocks, fixed income	**	37,003,629
	BLACKROCK LIFEPATH INDEX 2045 FUND L	Blend of stocks, fixed income	**	37,155,545
	BLACKROCK LIFEPATH INDEX 2050 FUND L	Blend of stocks, fixed income	**	46,361,109
	BLACKROCK LIFEPATH INDEX 2055 FUND L	Blend of stocks, fixed income	**	33,555,820
	BLACKROCK LIFEPATH INDEX 2060 FUND L	Blend of stocks, fixed income	**	4,987,712
	DODGE & COX INTERNATIONAL FUND	International stocks	**	94,478,131
		Equities, fixed income	**	136,139,339

SELF MANAGED BROKERAGE ACCOUNTS			
TOTAL BOND MARKET INDEX	Bonds	**	45,344,896
SMALL CAP GROWTH EQUITY	Small cap growth stocks	**	17,088,256
MARKET COMPLETION INDEX	Blend of large, mid cap and small cap stocks	**	158,221,029
MID CAP VALUE - I EQUITY INDEX	Mid cap value stocks	**	101,541,027
	Large cap stocks	**	868,145,638
* CAPITAL PRESERVATION FUND			
STATE STREET STIF	Money market fund	**	2,674,077
ABBVIE INC SR UNSEC	Corporate Bonds - 2.85%, 2023	**	200,247
ABU DHABI GOVT	Government, Non US - 2.50%, 2022	**	2,167,098
AMERICAN EXPRESS CREDIT SR UNSEC	Cash Equivalent - 2.19%, 2020	**	404,277
AT&T INC SR UNSEC	Corporate Bonds - 3.20%, 2022	**	1,018,039
AT&T INC SR UNSEC 144A	Corporate Bonds - 4.10%, 2028	**	1,946,188
BAB UT ST-B	Municipals - 3.54%, 2025	**	2,845,502
BAIDU INC SR UNSEC	Corporate Bonds - 2.75%, 2019	**	3,008,249
BANK OF AMERICA CORP SR UNSEC 144A	Corporate Bonds - 3.00%, 2023	**	5,010,958
BARCLAYS PLC SR UNSEC	Corporate Bonds - 3.20%, 2021	**	709,800
BAT CAPITAL CORP SR UNSEC 144A	Corporate Bonds - 2.30%, 2022	**	1,115,801

FirstEnergy Corp. Savings Plan  
Schedule H, line 4i - Schedule of Assets (Held at End of Year)  
December 31, 2017  
#34-1843785 Plan 002

(a) (b)	(c)	(d) (e)
Identity of issue, borrower, lessor or similar party	Description of investment, including maturity date, rate of interest, collateral, par or maturity value	Cost Current Value
BK TOKYO-MITSUBISHI UFJ UNSEC 144A	Corporate Bonds - 2.35%, 2019	** 2,511,735
BNP PARIBAS GLBL SR UNSEC BKNT	Corporate Bonds - 5.00%, 2021	** 3,811,284
BP CAPITAL MARKETS PLC CO GTD	Corporate Bonds - 4.74%, 2021	** 2,159,717
CALIFORNIA ST-B-TXBL	Municipals - 2.19%, 2020	** 2,711,255
CASH COLLATERAL CME FOB USD	Cash Equivalent - 1.23%, 2060	** 127,071
CASH COLLATERAL FUT FOB USD	Cash Equivalent - 1.23%, 2060	** 48,786
CCCIT 2013-A7 A7	Cash Equivalent - 1.86%, 2020	** 1,755,617
CGCMT 2013-GC11 AAB	Mortgage - 2.69%, 2046	** 804,029
CGCMT 2015-GC29 AAB WM24 WC4.173211878	Mortgage - 2.98%, 2048	** 1,518,991
CHAIT 2015-A5 A	Cash Equivalent - 1.36%, 2020	** 1,299,098
CHEVRON CORP UNSEC FRN	Cash Equivalent - 1.83%, 2019	** 1,866,026
CITIGROUP INC SR UNSEC	Corporate Bonds - 2.45%, 2020	** 907,011
COMM 2013-CR11 ASB WM23 WC5.205219817	Mortgage - 3.66%, 2050	** 1,449,789
COMM 2014-CR19 ASB WM14	Mortgage - 3.50%, 2047	** 1,859,847
COMM 2014-UBS6 ASB WM14	Mortgage - 3.39%, 2047	** 1,854,863
COMM 2015-CR23 A3 WM15	Mortgage - 3.23%, 2048	** 1,758,959
COMM 2015-CR23 ASB WM15	Mortgage - 3.26%, 2048	** 1,231,630
COMM 2015-DC1 ASB WM15	Mortgage - 3.14%, 2048	** 1,681,349
COMM 2015-LC19 ASB	Mortgage - 3.04%, 2048	** 1,319,485
COMM 2015-LC21 ASB	Mortgage - 3.42%, 2048	** 2,272,284
COMPASS BANK SR UNSEC	Corporate Bonds - 2.75%, 2019	** 1,913,892
CRED SUIS GP FUN LTD SR UNSEC	Corporate Bonds - 3.80%, 2023	** 361,852
CREDIT SUISSE NEW YORK SR UNSEC	Corporate Bonds - 3.00%, 2021	** 2,027,701
CSAIL 2015-C1 ASB WM15	Mortgage - 3.35%, 2050	** 1,082,416
CSAIL 2015-C4 ASB WM25 WC4.608	Mortgage - 3.62%, 2048	** 2,391,212
CSAIL 2017-CX9 ASB	Mortgage - 3.26%, 2050	** 1,023,043
DAIMLER FINANCE NA LLC SR UNSEC 144A	Corporate Bonds - 2.20%, 2020	** 1,594,683



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DBS GROUP HOLDINGS LTD SR UNSEC 144A	Cash Equivalent - 1.86%, 2019	** 1,003,810
DEUTSCHE BANK AG SR UNSEC	Corporate Bonds - 4.25%, 2021	** 1,883,934
DEVELOPMENT BK OF JAPAN SR UNSEC REGS	Cash Equivalent - 1.00%, 2018	** 501,071
DEXIA CREDIT LOCAL	Corporate Bonds - 2.25%, 2020	** 2,808,158
DISCOVER FINANCIAL SVS SR UNSEC	Corporate Bonds - 3.20%, 2021	** 3,068,151
EL PASO PIPELINE PART OP SR UNSEC	Corporate Bonds - 4.30%, 2024	** 1,570,157
ENBRIDGE INC SR UNSEC	Corporate Bonds - 1.75%, 2020	** 803,242
ENBRIDGE INC SR UNSEC	Corporate Bonds - 2.29%, 2020	** 2,121,519
EUROPEAN INVESTMENT BANK SR UNSEC	Corporate Bonds - 2.00%, 2021	** 2,742,561
FED HOME LN MTGE GLBL NT (2.5MMM)	Corporate Bonds - 1.63%, 2020	** 2,974,259
FHA 221D4 P4/02 GREY 54 NCP	Mortgage - 7.43%, 2023	** 199
FHLMC GOLD 30YR #Q3-1614	Mortgage - 3.00%, 2045	** 2,550,896

FirstEnergy Corp. Savings Plan  
Schedule H, line 4i - Schedule of Assets (Held at End of Year)  
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(a) (b)	(c)	(d) (e)
Identity of issue, borrower, lessor or similar party	Description of investment, including maturity date, rate of interest, collateral, par or maturity value	Cost Current Value
FHLMC GOLD 30YR #Q3-3509	Mortgage - 3.00%, 2045	** 695,723
FHLMC GOLD 30YR GNT #G0-8687	Mortgage - 3.50%, 2046	** 7,243,985
FHLMC GOLD 30YR GNT #G0-8693	Mortgage - 3.50%, 2046	** 186,089
FHLMC TBA GOLD 3.5% FEB 30YR	Mortgage - 3.50%, 2048	** 04,944
FHLMC TBA GOLD 3.5% JAN 30YR	Mortgage - 3.50%, 2048	** 7,329
FHLMC TBA GOLD 4.0% FEB 30YR	Mortgage - 4.00%, 2048	** 16,500
FHLMC TBA GOLD 4.0% JAN 30YR	Mortgage - 4.00%, 2048	** 016,750
FHMS K065 A1 WM27 WC4.3550	Mortgage - 2.86%, 2026	** 1,407,504
FHMS K070 A1	Mortgage - 3.03%, 2027	** 4,085,931
FHMS KJ11 A1	Mortgage - 2.05%, 2022	** 1,278,869
FHMS KP03 A2 WM16WC.000	Mortgage - 1.78%, 2019	** 423,419
FHR 2666 OD PAC WM23 WC5.84	Mortgage - 5.50%, 2023	** 543,907
FHR 2739 PG PAC WM33 WC5.552	Mortgage - 5.00%, 2034	** 811,167
FHR 2764 UE WM32 WC5.4879	Cash Equivalent - 5.00%, 2032	** 94,156
FHR 2950 FN 1MLIB+45	Cash Equivalent - 1.93%, 2035	** 219,545
FHR 3185 GT SEQ WM26 WC6.43	Mortgage - 6.00%, 2026	** 193,100
FHR 3225 HF 1MLIB+51BP	Cash Equivalent - 1.99%, 2036	** 267,027
FHR 3311 FN 1MLIB+30BP	Cash Equivalent - 1.78%, 2037	** 87,450
FHR 3318 FL 1MLIB+40	Cash Equivalent - 1.88%, 2037	** 254,727
FHR 3339 FL 1MLIB+58	Cash Equivalent - 2.06%, 2037	** 166,490
FHR 3355 BF 1MLIB+70	Cash Equivalent - 2.18%, 2037	** 297,102
FHR 3368 AF 1MLIB+72	Cash Equivalent - 2.20%, 2037	** 39,265
FHR 3666 FC 1MLIB+73	Cash Equivalent - 2.21%, 2040	** 138,123

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FHR 3699 FD VA 1MLIB+60	Cash Equivalent - 2.08%, 2040	** 380,961
FHR 3740 DF 1MLIB+48	Cash Equivalent - 1.96%, 2040	** 669,208
FHR 3743 FA 1MLIB+60	Cash Equivalent - 2.08%, 2040	** 1,113,646
FHR 3747 WF VA 1MLIB+48	Cash Equivalent - 1.96%, 2040	** 964,100
FHR 3751 FG 1MLIB+50	Cash Equivalent - 1.98%, 2050	** 95,458
FHR 3843 FE 1MLIB+55BP	Cash Equivalent - 2.03%, 2041	** 1,356,041
FHR 3843 FG 1MLIB+55BP	Cash Equivalent - 2.03%, 2041	** 1,355,207
FHR 3977 FB 1MLIB+52BP	Cash Equivalent - 2.00%, 2041	** 1,585,913
FHR 3984 DF 1M LIBOR +55BP	Cash Equivalent - 2.03%, 2042	** 2,008,271
FHR 4400 FA 1MLIB + 40 BP	Cash Equivalent - 1.88%, 2041	** 976,163
FIN FUT EURO\$ CME (WHT) 03/19/18	Future - 0.00%, 2018	** 2,700
FIN FUT EURO\$ CME (WHT) 06/18/18	Future - 0.00%, 2018	** 4,350
FIN FUT US 2YR CBT 03/29/18	Future - 6.00%, 2018	** 0625
FIN FUT US ULTRA 30YR CBT 03/20/18	Future - 6.00%, 2018	** 010,500
FL ST BRD OF ADMIN	Municipals - 2.64%, 2021	** 1,110,411
FN ARM AL7090 H15T1Y+222.1 9.447	Cash Equivalent - 3.32%, 2037	** 958,820

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Identity of issue, borrower, lessor or similar party	Description of investment, including maturity date, rate of interest, collateral, par or maturity value	Cost Current Value
FNA 2017-M8 A1 WM27 WC4.598	Mortgage - 2.65%, 2027	** 2,269,641
FNMA NT (3MMM)	Corporate Bonds - 1.50%, 2020	** 8,936,619
FNMA PASS THRU 20YR #254916	Cash Equivalent - 5.50%, 2023	** 179,424
FNMA PASS THRU 20YR #255075	Cash Equivalent - 5.50%, 2024	** 206,070
FNMA PASS THRU 20YR #AL6722	Cash Equivalent - 5.00%, 2030	** 2,684,476
FNMA PASS THRU 30YR #848210	Cash Equivalent - 5.50%, 2035	** 245,719
FNMA PASS THRU 30YR #884863	Cash Equivalent - 5.50%, 2036	** 202,515
FNMA PASS THRU 30YR #890365	Cash Equivalent - 5.50%, 2041	** 251,718
FNMA PASS THRU 30YR #938504	Cash Equivalent - 5.50%, 2037	** 135,872
FNMA TBA 3.0% FEB 30YR	Mortgage - 3.00%, 2047	** 97,231
FNMA TBA 3.0% JAN 15YR	Mortgage - 3.00%, 2033	** 0,922
FNMA TBA 3.0% JAN 30YR	Mortgage - 3.00%, 2048	** 0,78,217
FNMA TBA 3.5% FEB 30YR	Mortgage - 3.50%, 2048	** 55,778
FNMA TBA 3.5% JAN 30YR	Mortgage - 3.50%, 2048	** 0,42,305
FNMA TBA 3.5% MAR 30YR	Mortgage - 3.50%, 2048	** 7,617
FNMA TBA 4.0% FEB 30YR	Mortgage - 4.00%, 2048	** 0,2,796
FNMA TBA 4.0% JAN 30YR	Mortgage - 4.00%, 2048	** 0,45,877
FNMA TBA 4.0% MAR 30YR	Mortgage - 4.00%, 2048	** 23,795
FNMA TBA 5.0% FEB 30YR	Mortgage - 5.00%, 2048	** 7,129
FNMA TBA 5.0% JAN 30YR	Mortgage - 5.00%, 2048	** 0,41,016
FNR 2005-109 PV WM32 WC6.509500	Cash Equivalent - 6.00%, 2032	** 953
FNR 2005-13 FA 1MLIB+45	Cash Equivalent - 2.00%, 2035	** 618,149
FNR 2005-29 JB WM33 WC7.0709	Mortgage - 4.50%, 2035	** 1,278

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FNR 2005-68 PC WM34 WC6.55	Mortgage - 5.50%, 2035	** 3,312
FNR 2006-129 FM 1MLIB+25	Cash Equivalent - 1.80%, 2037	** 89,614
FNR 2007-109 GF 1MLIB+68	Cash Equivalent - 2.23%, 2037	** 690,611
FNR 2007-25 FB 1MLIB+33BP	Cash Equivalent - 1.88%, 2037	** 48,542
FNR 2007-27 FA 1MLIB+31BP	Cash Equivalent - 1.86%, 2037	** 23,649
FNR 2007-38 FC 1MLIB+42	Cash Equivalent - 1.97%, 2037	** 156,522
FNR 2007-70 FA 1MLIB+35BP	Cash Equivalent - 1.90%, 2037	** 129,220
FNR 2008-12 FA 1MLIB+67BP FRN	Cash Equivalent - 2.22%, 2038	** 1,003,235
FNR 2010-111 FC 1MLIB+52	Cash Equivalent - 2.07%, 2040	** 146,329
FNR 2010-115 FM 1MLIB+50	Cash Equivalent - 2.05%, 2040	** 1,107,001
FNR 2010-117 FE 1MLIB+40BP	Cash Equivalent - 1.95%, 2040	** 99,301
FNR 2010-129 FM 1MLIB+50	Cash Equivalent - 2.05%, 2040	** 269,387
FNR 2010-135 LF 1MLIB+45	Cash Equivalent - 2.00%, 2040	** 483,018
FNR 2010-141 FB 1MLIB+47	Cash Equivalent - 2.02%, 2040	** 142,329
FNR 2010-2 GF 1MLIB+55BP	Cash Equivalent - 2.10%, 2049	** 323,074
FNR 2010-46 WF 1MLIB+75BP	Cash Equivalent - 2.30%, 2040	** 1,313,376

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(a) (b)	(c)	(d) (e)
Identity of issue, borrower, lessor or similar party	Description of investment, including maturity date, rate of interest, collateral, par or maturity value	Cost Current Value
FNR 2010-59 FA 1MLIB+73BP	Cash Equivalent - 2.28%, 2040	** 1,954,774
FNR 2011-3 FA 1MLIB+68	Cash Equivalent - 2.23%, 2041	** 2,526,576
FNR 2011-86 KF 1MLIB+55	Cash Equivalent - 2.10%, 2041	** 369,391
FNR 2011-86 NF 1MLIB+55	Cash Equivalent - 2.10%, 2041	** 803,125
FNR 2011-87 FJ 1MLIB+55BP	Cash Equivalent - 2.10%, 2041	** 1,273,826
FNR 2012-141 FA 1MLIB+30BP	Cash Equivalent - 1.85%, 2042	** 1,028,525
FNR 2013-39 FA 1MLIB+35BP	Cash Equivalent - 1.90%, 2043	** 1,090,246
FNR 2015-79 FE 1MLIB+25BP	Cash Equivalent - 1.80%, 2045	** 2,278,721
FNR 2015-87 BF 1MLIB+30BP	Cash Equivalent - 1.85%, 2045	** 1,424,929
FNR 2016-11 CF 1MLIB+35BP	Cash Equivalent - 1.90%, 2046	** 2,624,181
FNR 2016-40 AF 1MLIB+45BP	Cash Equivalent - 1.81%, 2046	** 2,983,623
FNR 2016-64 KF WM38 WC3.3381	Cash Equivalent - 1.83%, 2046	** 3,390,695
FNR 2016-82 FM 1MLIB+40BP	Cash Equivalent - 1.76%, 2046	** 4,209,748
FNR 2016-87 AF 1MLIB+40BP	Cash Equivalent - 1.76%, 2046	** 4,606,748
FORD MOTOR CREDIT CO LLC SR UNSEC	Corporate Bonds - 5.00%, 2018	** 4,563,167
GE CAPITAL INTL FUNDING SR UNSEC	Corporate Bonds - 2.34%, 2020	** 3,932,400
GENERAL ELECTRIC CO GLBL NT	Corporate Bonds - 4.63%, 2021	** 769,322
GENERAL ELECTRIC CO SR UNSEC	Corporate Bonds - 2.70%, 2022	** 752,070
GENERAL MOTORS FINL CO SR UNSEC	Corporate Bonds - 2.35%, 2019	** 500,416
GNMA I TBA 4.0% FEB 30YR	Mortgage - 4.00%, 2048	** 7,775
GNMA I TBA 4.0% JAN 30YR	Mortgage - 4.00%, 2048	** 26,641
GNMA II MULTPL SGL 30YR #MA3105M	Mortgage - 3.50%, 2045	** 6,483,294
GNMA II TBA 4.0% FEB 30YR JMBO	Mortgage - 4.00%, 2048	** 10,718
GNMA II TBA 4.0% JAN 30YR JMBO	Mortgage - 4.00%, 2048	** 38,797
GNR 2012-149 GF 1MLIB+30BP	Cash Equivalent - 1.80%, 2042	** 2,698,683
GNR 2016-154 WF 1MLIB+40BP	Cash Equivalent - 1.76%, 2045	** 1,006,684
GNR 2017-57 WF 1MLIB+40BP	Cash Equivalent - 1.76%, 2045	** 1,969,866

GOLDCORP INC GLBL SR UNSEC	Corporate Bonds - 3.63%, 2021	** 716,842
GOLDMAN SACHS GROUP INC GLBL SR UNSEC	Corporate Bonds - 5.25%, 2021	** 2,743,897
GOLDMAN SACHS GROUP INC SR NT	Corporate Bonds - 5.38%, 2020	** 1,685,235
GOLDMAN SACHS GROUP INC SR UNSEC	Corporate Bonds - 4.00%, 2024	** 2,538,539
HSBC HOLDINGS PLC SR UNSEC	Corporate Bonds - 3.60%, 2023	** 1,341,254
HSBC HOLDINGS PLC SR UNSEC	Corporate Bonds - 3.76%, 2021	** 2,110,527
HYUNDAI CAPITAL AMERICA	Corporate Bonds - 1.75%, 2019	** 492,073
HYUNDAI CAPITAL AMERICA SR UNSEC 144A	Corporate Bonds - 2.55%, 2019	** 1,105,019
IND & COMM BK CHINA/NY SR UNSEC	Cash Equivalent - 2.15%, 2020	** 1,703,291
INTESA SANPAOLO SPA UNSEC	Corporate Bonds - 3.88%, 2018	** 1,516,719
IRS USD 1.25000 12/21/16-3Y CME	Interest Rate Swap - 1.25%, 2019	** 0250,512
IRS USD 1.50000 06/21/17-10Y CME	Interest Rate Swap - 1.50%, 2027	** 379,069

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Identity of issue, borrower, lessor or similar party	Description of investment, including maturity date, rate of interest, collateral, par or maturity value	Cost Current Value
IRS USD 1.75000 12/21/16-10Y CME	Interest Rate Swap - 1.75%, 2026	** 383,890
IRS USD 2.00000 07/12/17-6Y CME	Interest Rate Swap - 2.00%, 2023	** 170,864
ITAU CORPBANCA 144A SR UNSEC	Corporate Bonds - 3.88%, 2019	** 1,540,740
JACKSON NATL LIFE GLOBAL SEC 144A	Cash Equivalent - 1.88%, 2018	** 1,702,459
JACKSON NATL LIFE GLOBAL SEC 144A	Corporate Bonds - 2.50%, 2022	** 1,979,325
JAPAN FIN ORG MUNICIPAL REGS	Cash Equivalent - 1.38%, 2018	** 501,382
JPMBB 2013-C17 ASB WM23 WC4.9082	Mortgage - 3.71%, 2047	** 1,454,871
JPMBB 2014-C22 ASB WM24 WC4.580566404	Mortgage - 3.50%, 2047	** 1,809,287
JPMBB 2015-C27 ASB	Mortgage - 3.02%, 2048	** 1,623,270
JPMORGAN CHASE & CO SR UNSEC	Corporate Bonds - 2.78%, 2023	** 1,506,863
JPMORGAN CHASE & CO SR UNSEC	Corporate Bonds - 4.25%, 2020	** 3,231,187
JPMORGAN CHASE & CO UNSEC	Corporate Bonds - 3.90%, 2025	** 2,649,848
JPN BANK FOR INT'L COOP	Corporate Bonds - 2.13%, 2020	** 3,094,715
KFW SR UNSEC	Corporate Bonds - 1.50%, 2019	** 1,798,556
KINDER MORGAN ENER PART	Corporate Bonds - 3.95%, 2022	** 2,159,713
KINDER MORGAN INC SNR S* ICE	Credit Default Swap - 1.00%, 2021	** 8,230
KRAFT FOODS GROUP INC WI SR UNSEC	Corporate Bonds - 5.38%, 2020	** 107,243
KRAFT HEINZ FOODS CO SR UNSEC	Corporate Bonds - 1.82%, 2019	** 1,807,524
KRAFT HEINZ FOODS CO SR UNSEC	Corporate Bonds - 1.98%, 2021	** 100,465
LLOYDS BANKING GROUP PLC SR UNSEC	Corporate Bonds - 2.91%, 2023	** 1,890,714
LOS ANGELES CO REDEV	Municipals - 2.00%, 2023	** 1,835,019
MEXICO LA SP GST	Credit Default Swap - 1.00%, 2019	** 28,106



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MIZUHO FINANCIAL GROUP SR UNSEC	Corporate Bonds - 2.70%, 2021	** 3,154,702
MOODY'S CORPORATION SR UNSEC	Corporate Bonds - 4.88%, 2024	** 3,332,050
MORGAN STANLEY	Corporate Bonds - 5.50%, 2020	** 2,173,921
MORGAN STANLEY NT	Corporate Bonds - 5.50%, 2020	** 4,404,157
MSBAM 2013-C13 ASB WM23 WC4.922172434	Mortgage - 3.56%, 2046	** 1,137,186
MSBAM 2014-C16 A4 WM23 C4.78111	Mortgage - 3.60%, 2047	** 2,130,141
MSBAM 2014-C18 A2 WM14	Mortgage - 3.19%, 2047	** 2,183,130
MSBAM 2015-C20 ASB WM24 WC4.486757058	Mortgage - 3.07%, 2048	** 1,219,633
NA DEVELOPMENT BANK GLBL SR UNSECURED	Corporate Bonds - 4.38%, 2020	** 5,051,117
NATIONAL AUSTRALIA BK/NY SR UNSEC	Corporate Bonds - 2.25%, 2020	** 2,111,755
NAVSL 2015-1 A1 1MLIB+30BP	Cash Equivalent - 1.85%, 2022	** 180,072
NISSAN MOTOR ACCEPTANCE SR UNSEC 144A	Corporate Bonds - 2.25%, 2020	** 2,009,371
NISSAN MOTOR ACCEPTANCE SR UNSEC 144A	Corporate Bonds - 2.15%, 2020	** 398,160
PENSKE TRUCK LEASING/PTL SR UNSEC 144A	Corporate Bonds - 3.05%, 2020	** 1,633,689
PRIVATE EXPORT FUNDING SR UNSEC 144A	Corporate Bonds - 2.10%, 2019	** 1,598,982

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PROTECTIVE LIFE GLOBAL SEC 144A	Corporate Bonds - 2.16%, 2020	** 1,687,947
PRUDENTIAL FINANCIAL INC SNR S* ICE	Credit Default Swap - 1.00%, 2021	** 37,366
QUALCOMM INC SR UNSEC	Corporate Bonds - 2.10%, 2020	** 1,197,058
RABOBANK NEDERLAND UTREC	Corporate Bonds - 3.88%, 2022	** 3,710,190
SANTANDER HOLDINGS USA SR UNSEC	Corporate Bonds - 4.50%, 2025	** 1,162,434
SANTANDER UK GROUP HLDGS SR UNSEC	Corporate Bonds - 2.88%, 2021	** 1,508,433
SAUDI INTERNATIONAL BOND	Government, Non US - 2.88%, 2023	** 2,965,830
SBA TOWER TRUST NT SEC 144A 1A C	Corporate Bonds - 2.90%, 2044	** 2,207,908
SINOPEC GRP OVERSEA 2014	Corporate Bonds - 2.75%, 2019	** 3,018,454
SLCLT 2005-1 A3 3MLIB+10BP	Cash Equivalent - 1.52%, 2025	** 1,177,331
SLCLT 2005-2 A3 3MLIB+11BP	Cash Equivalent - 1.70%, 2027	** 1,242,596
SLCLT 2006-1 A5 3MLIB+11BP	Cash Equivalent - 1.70%, 2027	** 1,051,495
SLCLT 2006-2 A5 3MLIB+10BP	Cash Equivalent - 1.69%, 2026	** 1,135,597
SLMA 2004-1 A3	Cash Equivalent - 1.58%, 2023	** 322,442
SLMA 2004-3 A5 3MLIB+17	Cash Equivalent - 1.54%, 2023	** 622,341
SLMA 2005-3 A5	Cash Equivalent - 1.46%, 2024	** 715,955
SLMA 2005-4 A3	Cash Equivalent - 1.49%, 2027	** 1,250,516
SLMA 2005-6 A5A 3MLIB+11BP	Cash Equivalent - 1.48%, 2026	** 209,157
SLMA 2005-7 A4 3MLIB+15BP	Cash Equivalent - 1.52%, 2029	** 1,065,466
SLMA 2005-8 A4 3MLIB **PUT REDEMPTION**	Cash Equivalent - 1.92%, 2028	** 160,042
SLMA 2006-6 A3 3MLIB+11BP	Cash Equivalent - 1.48%, 2025	** 596,577
SLMA 2007-1 A5 3MLIB+9	Cash Equivalent - 1.46%, 2026	** 906,719
SOLVAY FINANCE (AMERICA) SR UNSEC 144A	Corporate Bonds - 3.40%, 2020	** 1,739,700
SOUTHERN CO SR UNSEC 144A	Corporate Bonds - 2.39%, 2020	** 1,614,732
STATE STREET STIF	Cash Equivalent - 1.27%, 2030	** 579,303
SUMITOMO MITSUI BANKING SR UNSEC FRN	Cash Equivalent - 1.94%, 2018	** 2,406,070

SUMITOMO MITSUI FINL GRP SR UNSEC	Corporate Bonds - 2.44%, 2021	** 2,978,637
TECH DATA CORP SR UNSEC	Corporate Bonds - 3.70%, 2022	** 708,591
TELEFONICA EMISIONES SAU	Corporate Bonds - 5.46%, 2021	** 547,282
TELEFONICA EMISIONES SAU GBL CO GTD	Corporate Bonds - 5.13%, 2020	** 2,022,684
TIAA ASSET MGMT FIN LLC SR UNSEC 144A	Corporate Bonds - 2.95%, 2019	** 1,519,359
U S AGENCY MTGE REPO	Cash Equivalent - 1.81%, 2018	** 75,706,730
U S TREASURY NOTE	Cash Equivalent - 0.75%, 2018	** 9,514,030
U S TREASURY NOTE	US Treasury - 2.00%, 2024	** 4,934,711
U S TREASURY NOTE	US Treasury - 2.00%, 2024	** 11,691,996
U S TREASURY NOTE	US Treasury - 2.13%, 2022	** 6,077,935
U S TREASURY NOTE	US Treasury - 2.00%, 2024	** 7,971,439
U S TREASURY NOTE	US Treasury - 2.13%, 2021	** 12,780,421
U S TREASURY NOTE	US Treasury - 1.75%, 2022	** 2,112,918

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	U S TREASURY NOTE	US Treasury - 1.88%, 2022	**	7,077,418
	U S TREASURY NOTE	US Treasury - 1.75%, 2022	**	8,482,914
	U S TREASURY NOTE	US Treasury - 2.25%, 2024	**	5,088,773
	U S TREASURY NOTE	US Treasury - 1.88%, 2024	**	4,933,527
	U S TREASURY NOTE	US Treasury - 1.88%, 2022	**	10,903,274
	U S TREASURY NOTE	US Treasury - 1.13%, 2021	**	4,173,986
	U S TREASURY NOTE	US Treasury - 1.13%, 2021	**	1,249,290
	UBS GROUP FUNDING SWITZE SR UNSEC 144A	Corporate Bonds - 2.86%, 2023	**	3,485,978
	UBSBB 2013-C5 AAB WM22 WC4.120420506	Mortgage - 2.69%, 2046	**	1,209,869
	UBSCM 2017-C7 ASB	Mortgage - 3.59%, 2050	**	1,659,945
	UNIV OF PITTSBURGH PA	Municipals - 2.32%, 2021	**	3,010,759
	VERIZON COMMUNICATIONS SR UNSEC 144A	Corporate Bonds - 3.38%, 2025	**	4,387,523
	VM CASH CCP CME FOB USD	Cash Equivalent -	**	19,815

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	0.01%, 2060		
	Cash		
VM CASH CCP ICE FOB USD	Equivalent -	**	12,023
	0.01%, 2060		
	Cash		
VM CASH FUT DOM FOB USD	Equivalent -	**	9,737
	0.01%, 2060		
VOLKSWAGEN GROUP AMERICA SR	Corporate		
UNSEC 144A	Bonds -	**	1,001,493
	1.92%, 2018		
WEA FINANCE LLC/WESTFIEL UNSEC	Corporate		
144A	Bonds -	**	3,031,181
	2.70%, 2019		
WELLS FARGO & COMPANY SR UNSEC	Corporate		
	Bonds -	**	1,841,849
	2.47%, 2023		
WELLS FARGO & COMPANY SR UNSEC	Corporate -	**	2,995,270
	3.55%, 2025		
WFCM 2015-C26 ASB WM15	Mortgage -	**	1,519,543
	2.99%, 2048		
WFCM 2015-C29 ASB WM15	Mortgage -	**	1,649,067
	3.40%, 2048		
WFCM 2015-C30 ASB WM25 WC4.53	Mortgage -	**	1,753,617
	3.41%, 2058		
WFCM 2016-C35 ASB WM16 WC0.0	Mortgage -	**	1,445,192
	2.79%, 2048		
WFCM 2017-C42 ASB	Mortgage -	**	1,551,488
	3.49%, 2050		
WISCONSIN-A-REF-TXBL	Municipals -	**	1,855,817
	1.90%, 2022		
Capital Preservation Fund Total			519,781,686
ARTISAN MIDCAP INVESTOR FUND			
STATE STREET STIF	Money market	**	5,029,109
	fund		
ACTIVISION BLIZZARD INC	Common	**	704,878
	stock		
ALBEMARLE CORP	Common	**	1,484,803
	stock		
ALEXION PHARMACEUTICALS INC	Common	**	810,820
	stock		
APTIV PLC	Common	**	2,576,711
	stock		
ATLASSIAN CORP PLC, CLASS A	Common	**	3,167,828
	stock		
BECTON DICKINSON AND CO	Common	**	3,043,933
	stock		
BOSTON SCIENTIFIC CORP	Common	**	3,706,824
	stock		



FirstEnergy Corp. Savings Plan  
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(a) (b)	(c)	(d) (e)
Identity of issue, borrower, lessor or similar party	Description of investment, including maturity date, rate of interest, collateral, par or maturity value	Cost Current Value
BOX INC, CLASS A	Common stock	** 1,329,779
BWX TECHNOLOGIES INC	Common stock	** 2,037,787
CBOE GLOBAL MARKETS INC	Common stock	** 2,221,564
CBS CORP, CLASS B NON VOTING	Common stock	** 2,486,319
CIGNA CORP	Common stock	** 4,124,758
CINTAS CORP	Common stock	** 2,814,601
COHERENT INC	Common stock	** 962,088
CONCHO RESOURCES INC	Common stock	** 3,351,558
DELPHI TECHNOLOGIES PLC	Common stock	** 647,322
DENTSPLY SIRONA INC	Common stock	** 1,009,964
DEXCOM INC	Common stock	** 782,972
DIAMONDBACK ENERGY INC	Common stock	** 2,640,266
DISCOVER FINANCIAL SERVICES	Common stock	** 1,653,011
EDWARDS LIFESCIENCES CORP	Common stock	** 2,457,642
EXPEDIA GROUP INC	Common stock	** 1,588,989
FIDELITY NATIONAL INFO SERV	Common stock	** 1,927,057
FIRST REPUBLIC BANK/CA	Common stock	** 2,533,007
FORTUNE BRANDS HOME & SECURITY	Common stock	** 2,797,417
GARDNER DENVER HOLDINGS INC	Common stock	** 2,057,956
GARTNER INC	Common stock	** 2,790,086
GLOBAL PAYMENTS INC	Common stock	** 6,165,261
GUIDEWIRE SOFTWARE INC	Common stock	** 2,786,012
HARRIS CORP	Common stock	** 2,867,138
HUBSPOT INC	Common stock	** 617,297
IHS MARKIT LTD	Common stock	** 4,951,871
LKQ CORP	Common stock	** 6,475,599
MATCH GROUP INC	Common stock	** 953,953

MAXIM INTEGRATED PRODUCTS	Common stock	** 1,645,199
MONSTER BEVERAGE CORP	Common stock	** 2,467,740
MOTOROLA SOLUTIONS INC	Common stock	** 2,128,772
NEUROCRINE BIOSCIENCES INC	Common stock	** 699,551
PROGRESSIVE CORP	Common stock	** 4,983,363
PROOFPOINT INC	Common stock	** 2,334,016
REGENERON PHARMACEUTICALS	Common stock	** 1,388,044
ROPER TECHNOLOGIES INC	Common stock	** 2,904,685
S+P GLOBAL INC	Common stock	** 4,982,223
SEALED AIR CORP	Common stock	** 595,593



FirstEnergy Corp. Savings Plan  
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SKECHERS USA INC, CLASS A	Common stock	** 695,499
SMITH (A.O.) CORP	Common stock	** 1,405,947
STANLEY BLACK + DECKER INC	Common stock	** 1,102,137
SVB FINANCIAL GROUP	Common stock	** 2,077,982
TABLEAU SOFTWARE INC, CLASS A	Common stock	** 2,982,728
TD AMERITRADE HOLDING CORP	Common stock	** 1,797,271
TRANSUNION	Common stock	** 2,173,338
VEEVA SYSTEMS INC, CLASS A	Common stock	** 2,715,519
WABTEC CORP	Common stock	** 1,809,456
WASTE CONNECTIONS INC	Common stock	** 2,668,408
WAYFAIR INC, CLASS A	Common stock	** 1,156,450
WEST PHARMACEUTICAL SERVICES	Common stock	** 1,117,142
WORKDAY INC, CLASS A	Common stock	** 1,092,789
WORLDPAY INC, CLASS A	Common stock	** 2,363,088
ZYNGA INC, CLASS A	Common stock	** 383,140
Artisan Midcap Investor Fund Total		137,226,260
METWEST TOTAL RETURN FUND		
STATE STREET STIF	Money market fund	** 6,244,008
ABBVIE INC SR UNSECURED	Corporate Bonds - 4.30%, 2036	** 107,153
ABBVIE INC SR UNSECURED	Corporate Bonds - 4.70%, 2045	** 140,159
ACE SECURITIES CORP. ACE 2004 IN1 A1	Other Asset Backed - 2.19%, 2034	** 1,130,669
AERCAP IRELAND CAP/GLOBA COMPANY GUAR	Corporate Bonds - 3.95%, 2022	** 257,662
AETNA INC SR UNSECURED	Corporate Bonds - 1.70%, 2018	** 549,136
ALEXANDRIA REAL ESTATE E COMPANY GUAR	Corporate Bonds - 2.75%, 2020	** 502,106
ALIMENTATION COUCHE TARD COMPANY GUAR 144A	Corporate Bonds - 3.55%, 2027	** 474,560
ALLERGAN FUNDING SCS COMPANY GUAR	Corporate Bonds - 4.55%, 2035	** 185,179
AMAZON.COM INC SR UNSECURED 144A	Corporate Bonds - 2.80%, 2024	** 353,921

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AMER AIRLN 13 1 A PASS T AMER AIRLN 13 1 A PASS T	Other Asset Backed - 4.00%, 2027	** 329,869
AMERICA WEST AIR 2000 1 PASS THRU CE	Corporate Bonds - 8.06%, 2022	** 382,628
AMERICAN CAMPUS CMNTYS COMPANY GUAR	Corporate Bonds - 3.35%, 2020	** 407,947
AMERICAN HOME MORTGAGE INVESTM AHM 2004 4 4A	Mortgage - 3.66%, 2045	** 624,226
AMERICAN TOWER CORP SR UNSECURED	Corporate Bonds - 3.00%, 2023	** 239,371
AMGEN INC SR UNSECURED	Corporate Bonds - 4.66%, 2051	** 307,589

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(a) (b)	(c)	(d) (e) Cost Current Value
Identity of issue, borrower, lessor or similar party	Description of investment, including maturity date, rate of interest, collateral, par or maturity value	
ANHEUSER BUSCH INBEV FIN COMPANY GUAR	Corporate Bonds - 3.65%, 2026	** 154,797
ANHEUSER BUSCH INBEV FIN COMPANY GUAR	Corporate Bonds - 4.90%, 2046	** 139,079
ANTHEM INC SR UNSECURED	Corporate Bonds - 2.25%, 2019	** 299,439
ASTRAZENECA PLC SR UNSECURED	Corporate Bonds - 3.13%, 2027	** 123,521
AT+T INC SR UNSECURED	Corporate Bonds - 5.25%, 2037	** 407,185
AT+T INC SR UNSECURED	Corporate Bonds - 4.75%, 2046	** 469,463
AT+T INC SR UNSECURED	Corporate Bonds - 4.80%, 2044	** 212,653
AT+T INC SR UNSECURED	Corporate Bonds - 4.90%, 2037	** 278,464
AT+T INC SR UNSECURED 144A	Corporate Bonds - 4.30%, 2030	** 249,301
BABSON CLO LTD BABS N 2015 IA A 144A	Other Asset Backed - 2.79%, 2027	** 584,516
BANC OF AMERICA MERRILL LYNCH BAMLL 2012 PARK A 144A	Mortgage - 2.96%, 2030	** 222,463
BANK OF AMERICA CORP SR UNSECURED	Corporate Bonds - 6.88%, 2018	** 903,597
BANK OF AMERICA CORP SR UNSECURED	Corporate Bonds - 5.65%, 2018	** 1,158,664
BANK OF AMERICA CORP SR UNSECURED	Corporate Bonds - 2.37%, 2021	** 798,599
BANK OF AMERICA CORP SR UNSECURED	Corporate Bonds - 3.59%, 2028	** 670,859
BANK OF AMERICA CORP SR UNSECURED	Corporate Bonds - 3.09%, 2025	** 354,186
BANK OF AMERICA CORP SR UNSECURED 144A	Corporate Bonds - 3.00%, 2023	** 377,968
BANK OF NY MELLON CORP SR UNSECURED	Corporate Bonds - 2.66%, 2023	** 599,679
BAT CAPITAL CORP COMPANY GUAR 144A	Corporate Bonds - 2.30%, 2020	** 497,250
BAXALTA INC COMPANY GUAR	Corporate Bonds - 2.88%, 2020	** 427,745
BCAP LLC TRUST BCAP 2008 IND2 A1	Mortgage - 3.20%, 2038	** 490,618
BEAR STEARNS ADJUSTABLE RATE M BSARM 2003 7 9A	Mortgage - 3.74%, 2033	** 671,686

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BEAR STEARNS COS LLC COMPANY GUAR	Corporate Bonds - 7.25%, 2018	** 1,912,617
BOSTON PROPERTIES LP SR UNSECURED	Corporate Bonds - 3.20%, 2025	** 239,235
CANADIAN NATL RESOURCES SR UNSECURED	Corporate Bonds - 3.85%, 2027	** 75,530
CELGENE CORP SR UNSECURED	Corporate Bonds - 5.00%, 2045	** 397,106
CENTEX HOME EQUITY CXHE 2005 D M2	Other Asset Backed - 2.01%, 2005	** 921,961
CHARTER COMM OPT LLC/CAP SR SECURED	Corporate Bonds - 4.46%, 2022	** 620,793
CIGNA CORP SR UNSECURED	Corporate Bonds - 3.05%, 2027	** 348,693
CITIGROUP INC SR UNSECURED	Corporate Bonds - 1.80%, 2018	** 499,948
CITIGROUP INC SR UNSECURED	Corporate Bonds - 1.75%, 2018	** 999,166
CITIGROUP INC SR UNSECURED	Corporate Bonds - 6.13%, 2018	** 639,546
CITIGROUP INC SR UNSECURED	Corporate Bonds - 2.50%, 2019	** 601,841
CITIGROUP INC SR UNSECURED	Corporate Bonds - 3.67%, 2028	** 593,511
CITIGROUP MORTGAGE LOAN TRUST CMLTI 2015 6 2A1 144A	Mortgage - 1.60%, 2035	** 540,990

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(a) (b)	(c)	(d) (e) Cost Current Value
Identity of issue, borrower, lessor or similar party	Description of investment, including maturity date, rate of interest, collateral, par or maturity value	
COLLEGIATE FUNDING SERVICES ED COELT 2005 A A4	Other Asset Backed - 1.53%, 2035	** 1,041,939
COLUMBIA PIPELINE GROUP COMPANY GUAR	Corporate Bonds - 2.45%, 2018	** 750,443
COMM MORTGAGE TRUST COMM 2013 300P A1 144A	Mortgage - 4.35%, 2030	** 219,639
COMM MORTGAGE TRUST COMM 2016 787S A 144A	Mortgage - 3.55%, 2036	** 219,582
CONTL AIRLINES 2007 1 PASS THRU CE	Corporate Bonds - 5.98%, 2023	** 109,741
CONTL AIRLINES 2009 2 PASS THRU CE	Corporate Bonds - 7.25%, 2021	** 611,390
COX COMMUNICATIONS INC SR UNSECURED 144A	Corporate Bonds - 3.15%, 2024	** 344,710
CROWN CASTLE INTL CORP SR UNSECURED	Corporate Bonds - 3.20%, 2024	** 588,831
CVS HEALTH CORP SR UNSECURED DRYDEN SENIOR LOAN FUND DRSLF	Corporate Bonds - 5.13%, 2045	** 229,219
2012 25A ARR 144A	Other Asset Backed - 2.26%, 2027	** 324,836
DUKE ENERGY CAROLINAS 1ST REF MORT	Corporate Bonds - 3.75%, 2045	** 720,934
DUKE ENERGY PROGRESS INC 1ST MORTGAGE	Corporate Bonds - 4.20%, 2045	** 551,428
DUQUESNE LIGHT HOLDINGS SR UNSECURED 144A	Corporate Bonds - 5.90%, 2021	** 884,548
EMERA US FINANCE LP COMPANY GUAR	Corporate Bonds - 2.15%, 2019	** 657,432
ENCORE CREDIT RECEIVABLES TRUS ECR 2005 4 M1	Other Asset Backed - 1.97%, 2036	** 104,429
ENERGY TRANSFER PARTNERS COMPANY GUAR	Corporate Bonds - 5.15%, 2045	** 340,321
FANNIEMAE ACES FNA 2012 M11 FA	Mortgage - 1.74%, 2019	** 454,957
FANNIEMAE ACES FNA 2015 M1 A2	Mortgage - 2.53%, 2024	** 1,142,848
FANNIEMAE ACES FNA 2017 M11 FA	Mortgage - 1.71%, 2024	** 1,073,737
	Corporate Bonds - 5.45%, 2054	** 776,016

FARMERS EXCHANGE CAP III  
SUBORDINATED 144A

FED HM LN PC POOL G07957 FG	Mortgage - 4.00%, 2045	** 940,919
FED HM LN PC POOL G08676 FG	Mortgage - 3.50%, 2045	** 640,836
FED HM LN PC POOL G08707 FG	Mortgage - 4.00%, 2046	** 501,581
FED HM LN PC POOL G08711 FG	Mortgage - 3.50%, 2046	** 1,270,544
FED HM LN PC POOL G08712 FG	Mortgage - 4.00%, 2046	** 380,508
FED HM LN PC POOL G08715 FG	Mortgage - 3.00%, 2046	** 1,437,745
FED HM LN PC POOL G08716 FG	Mortgage - 3.50%, 2046	** 424,033
FED HM LN PC POOL G08721 FG	Mortgage - 3.00%, 2046	** 793,819
FED HM LN PC POOL G08726 FG	Mortgage - 3.00%, 2046	** 943,067
FED HM LN PC POOL G08732 FG	Mortgage - 3.00%, 2046	** 1,057,819
FED HM LN PC POOL G08741 FG	Mortgage - 3.00%, 2047	** 302,203
FED HM LN PC POOL G08747 FG	Mortgage - 3.00%, 2047	** 517,934
FED HM LN PC POOL G08750 FG	Mortgage - 3.00%, 2047	** 1,800,413

FirstEnergy Corp. Savings Plan  
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Identity of issue, borrower, lessor or similar party	Description of investment, including maturity date, rate of interest, collateral, par or maturity value	Cost Current Value
FED HM LN PC POOL G08791 FG	Mortgage - 3.00%, 2047	** 324,327
FED HM LN PC POOL G08792 FG	Mortgage - 3.50%, 2047	** 691,939
FED HM LN PC POOL G18622 FG	Mortgage - 2.50%, 2031	** 472,416
FED HM LN PC POOL G18626 FG	Mortgage - 2.50%, 2032	** 389,555
FED HM LN PC POOL G18627 FG	Mortgage - 3.00%, 2032	** 187,835
FED HM LN PC POOL G60023 FG	Mortgage - 3.50%, 2045	** 1,737,197
FED HM LN PC POOL G60344 FG	Mortgage - 4.00%, 2045	** 1,555,186
FED HM LN PC POOL G67700 FG	Mortgage - 3.50%, 2046	** 1,417,370
FED HM LN PC POOL G67703 FG	Mortgage - 3.50%, 2047	** 1,996,581
FED HM LN PC POOL G67706 FG	Mortgage - 3.50%, 2047	** 231,164
FHLMC MULTIFAMILY STRUCTURED P FHMS KF09 A	Mortgage - 1.75%, 2022	** 1,010,160
FHLMC MULTIFAMILY STRUCTURED P FHMS KF34 A	Mortgage - 1.73%, 2024	** 473,103
FHLMC MULTIFAMILY STRUCTURED P FHMS KW02 A1	Mortgage - 2.90%, 2026	** 274,769
FHLMC MULTIFAMILY STRUCTURED P FHMS KW03 A1	Mortgage - 2.62%, 2026	** 919,151
FHLMC TBA 30 YR 3.5 GOLD SINGLE FAMILY	Mortgage - 3.50%, 2048	** 1,812,527
FNMA POOL 467944 FN	Mortgage - 4.25%, 2021	** 518,000
FNMA POOL 468058 FN	Mortgage - 4.39%, 2021	** 487,589
FNMA POOL 468255 FN	Mortgage - 4.24%, 2021	** 564,650
FNMA POOL 468822 FN	Mortgage - 4.10%, 2021	** 464,570
FNMA POOL 471713 FN	Mortgage - 2.85%, 2022	** 381,459
FNMA POOL AL0151 FN	Mortgage - 4.38%, 2021	** 690,244
FNMA POOL AL0705 FN	Mortgage - 3.48%, 2020	** 203,558
FNMA POOL AL2293 FN	Mortgage - 4.38%, 2021	** 1,158,236
FNMA POOL AL6167 FN	Mortgage - 3.50%, 2044	** 873,139
FNMA POOL AL9472 FN	Mortgage - 4.00%, 2043	** 400,922
FNMA POOL AM0762 FN	Mortgage - 3.29%, 2032	** 352,086
FNMA POOL AM2749 FN	Mortgage - 2.83%, 2023	** 386,370
FNMA POOL AM7013 FN	Mortgage - 3.39%, 2029	** 335,141
FNMA POOL AM8774 FN	Mortgage - 2.67%, 2025	** 556,298
FNMA POOL AM9793 FN	Mortgage - 3.12%, 2027	** 423,725

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FNMA POOL AN2812 FN	Mortgage - 2.56%, 2028	** 401,004
FNMA POOL AN4833 FN	Mortgage - 3.32%, 2027	** 470,180
FNMA POOL AN5676 FN	Mortgage - 3.25%, 2029	** 478,027
FNMA POOL AN6553 FN	Mortgage - 3.17%, 2031	** 476,521
FNMA POOL AS9830 FN	Mortgage - 4.00%, 2047	** 582,519
FNMA POOL AS9972 FN	Mortgage - 4.00%, 2047	** 482,915
FNMA POOL BM1767 FN	Mortgage - 4.50%, 2046	** 4,771,998



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Identity of issue, borrower, lessor or similar party	Description of investment, including maturity date, rate of interest, collateral, par or maturity value	Cost Current Value
FNMA POOL FN0001 FN	Mortgage - 3.76%, 2020	** 493,362
FNMA POOL MA2883 FN	Mortgage - 3.00%, 2027	** 493,259
FNMA POOL MA2915 FN	Mortgage - 3.00%, 2027	** 265,874
FNMA POOL MA3027 FN	Mortgage - 4.00%, 2047	** 755,911
FNMA POOL MA3029 FN	Mortgage - 3.00%, 2032	** 354,838
FNMA POOL MA3058 FN	Mortgage - 4.00%, 2047	** 596,851
FNMA POOL MA3246 FN	Mortgage - 2.50%, 2033	** 274,706
FNMA TBA 15 YR 3 SINGLE FAMILY MORTGAGE	Mortgage - 3.00%, 2032	** 1,191,709
FNMA TBA 30 YR 3 SINGLE FAMILY MORTGAGE	Mortgage - 3.00%, 2032	** 1,205,000
FNMA TBA 30 YR 3.5 SINGLE FAMILY MORTGAGE	Mortgage - 3.50%, 2047	** 8,280,487
FNMA TBA 30 YR 4 SINGLE FAMILY MORTGAGE	Mortgage - 4.00%, 2046	** 1,558,151
FORD MOTOR CREDIT CO LLC SR UNSECURED	Corporate Bonds - 2.15%, 2018	** 200,004
FREDDIE MAC FHR 4639 HZ	Mortgage - 1.75%, 2053	** 571,772
FRESENIUS MED CARE II COMPANY GUAR 144A	Corporate Bonds - 6.50%, 2018	** 721,776
GENERAL MOTORS CO SR UNSECURED	Corporate Bonds - 3.50%, 2018	** 353,641
GENERAL MOTORS FINL CO COMPANY GUAR	Corporate Bonds - 2.40%, 2019	** 300,073
GILEAD SCIENCES INC SR UNSECURED	Corporate Bonds - 4.50%, 2045	** 388,999
GNMA II POOL MA2374 G2	Mortgage - 5.00%, 2044	** 582,889
GNMA II POOL MA3521 G2	Mortgage - 3.50%, 2046	** 682,708
GNMA II POOL MA3597 G2	Mortgage - 3.50%, 2046	** 740,577
GNMA II POOL MA3736 G2	Mortgage - 3.50%, 2046	** 714,429
GNMA II POOL MA3937 G2	Mortgage - 3.50%, 2046	** 181,766
GNMA II POOL MA4069 G2	Mortgage - 3.50%, 2046	** 688,284
GNMA II POOL MA4126 G2	Mortgage - 3.00%, 2046	** 1,243,888
GNMA II POOL MA4127 G2	Mortgage - 3.50%, 2046	** 293,269
GNMA II POOL MA4130 G2	Mortgage - 5.00%, 2046	** 842,106

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GNMA II POOL MA4324 G2	Mortgage - 5.00%, 2047	** 290,446
GNMA II POOL MA4450 G2	Mortgage - 3.00%, 2047	** 453,172
GNMA II POOL MA4510 G2	Mortgage - 3.50%, 2047	** 1,182,390
GNMA II POOL MA4838 G2	Mortgage - 4.00%, 2047	** 627,286
GNMA II TBA 30 YR 3 JUMBOS	Mortgage - 3.00%, 2047	** 1,170,513
GNMA II TBA 30 YR 3.5 JUMBOS	Mortgage - 3.50%, 2047	** 1,287,019
GNMA II TBA 30 YR 4 JUMBOS	Mortgage - 4.00%, 2048	** 588,968
GNMA II TBA 30 YR 4.5 JUMBOS	Mortgage - 4.50%, 2048	** 5,805,696
GOLDMAN SACHS GROUP INC SR UNSECURED	Corporate Bonds - 5.95%, 2018	** 1,101,735

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GOLDMAN SACHS GROUP INC SR UNSECURED	Corporate Bonds - 7.50%, 2019	** 1,479,570
GOLDMAN SACHS GROUP INC SR UNSECURED	Corporate Bonds - 6.15%, 2018	** 712,420
GOLDMAN SACHS GROUP INC SR UNSECURED	Corporate Bonds - 3.69%, 2028	** 304,337
GOLDMAN SACHS GROUP INC SR UNSECURED	Corporate Bonds - 5.25%, 2025	** 298,042
GOLDMAN SACHS GROUP INC SR UNSECURED	Corporate Bonds - 3.27%, 2025	** 353,570
GREENPOINT MORTGAGE FUNDING TR GPMF 2005 HY1 1A1A	Mortgage - 1.82%, 2035	** 338,472
GS MORTGAGE SECURITIES TRUST GSMS 2012 ALOH A 144A	Mortgage - 3.55%, 2034	** 190,752
GS MORTGAGE SECURITIES TRUST GSMS 2013 KING A 144A	Mortgage - 2.71%, 2027	** 91,093
HARBORVIEW MORTGAGE LOAN TRUST HVMLT 2005 9 2A1A	Mortgage - 1.84%, 2036	** 821,567
HBOS PLC SUBORDINATED 144A	Corporate Bonds - 6.75%, 2018	** 635,596
HCP INC SR UNSECURED	Corporate Bonds - 4.20%, 2024	** 810,794
HEALTHCARE REALTY TRUST SR UNSECURED	Corporate Bonds - 3.75%, 2023	** 203,431
HEALTHCARE REALTY TRUST SR UNSECURED	Corporate Bonds - 3.88%, 2025	** 227,973
HIGHER EDUCATION FUNDING 05/34 FRN	Other Asset Backed - 2.51%, 2034	** 1,018,719
INDIANA MICHIGAN POWER SR UNSECURED	Corporate Bonds - 4.55%, 2046	** 342,166
INTERNATIONAL TRANSMISSIONS 1ST MORTGAGE	Corporate Bonds - 4.63%, 2043	** 674,648
INTL LEASE FINANCE CORP SR SECURED 144A	Corporate Bonds - 7.13%, 2018	** 309,561
JOHNSON + JOHNSON SR UNSECURED	Corporate Bonds - 2.90%, 2028	** 360,535
JP MORGAN CHASE COMMERCIAL MOR JPMCC 2012 HSBC A 144A	Mortgage - 3.09%, 2032	** 231,583

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JP MORGAN CHASE COMMERCIAL MOR JPMCC 2016 NINE A 144A	Mortgage - 2.85%, 2038	** 127,337
JP MORGAN MORTGAGE ACQUISITION JPMAC 2005 FLD1 M3	Other Asset Backed - 2.33%, 2035	** 170,503
JPMBB COMMERCIAL MORTGAGE SECU JPMBB 2014 C23 A3	Mortgage - 3.37%, 2047	** 1,022,973
JPMORGAN CHASE + CO SR UNSECURED	Corporate Bonds - 1.80%, 2018	** 399,969
JPMORGAN CHASE + CO SR UNSECURED	Corporate Bonds - 3.78%, 2028	** 518,125
JPMORGAN CHASE + CO SR UNSECURED	Corporate Bonds - 3.54%, 2028	** 406,939
JPMORGAN CHASE + CO SR UNSECURED	Corporate Bonds - 2.55%, 2020	** 401,176
KAISER FOUNDATION HOSPIT COMPANY GUAR	Corporate Bonds - 3.15%, 2027	** 350,330
KINDER MORGAN INC COMPANY GUAR 144A	Corporate Bonds - 5.63%, 2023	** 552,052

FirstEnergy Corp. Savings Plan  
Schedule H, line 4i - Schedule of Assets (Held at End of Year)  
December 31, 2017  
#34-1843785 Plan 002

(a) (b)	(c)	(d) (e)
Identity of issue, borrower, lessor or similar party	Description of investment, including maturity date, rate of interest, collateral, par or maturity value	Cost Current Value
KRAFT HEINZ FOODS CO COMPANY GUAR	Corporate Bonds - 4.38%, 2046	** 420,984
L3 TECHNOLOGIES INC COMPANY GUAR	Corporate Bonds - 5.20%, 2019	** 576,079
LIBERTY STREET TRUST LBTY 2016 225L A 144A	Mortgage - 3.60%, 2036	** 221,452
LLOYDS BANKING GROUP PLC SR UNSECURED	Corporate Bonds - 2.91%, 2023	** 356,915
LOS ANGELES CA UNIF SCH DIST LOSSCD	Municipals - 5.98%, 2027	** 643,293
MAGNETITE CLO LTD MAGNE 2014 9A AIR 144A	Other Asset Backed - 2.37%, 2026	** 359,972
MAGNETITE CLO LTD MAGNE 2015 12A AR 144A	Other Asset Backed - 2.69%, 2027	** 499,916
METROPOLITAN WEST FLOATING RAT MTRPLTN WST FLTNG RT INC I	Mutual Funds	** 3,608,787
METROPOLITAN WEST HIGH YIELD B MTRPLTN WST HI YLD BND I	Mutual Funds	** 3,616,540
MICROSOFT CORP SR UNSECURED	Corporate Bonds - 3.75%, 2045	** 368,723
MLCC MORTGAGE INVESTORS INC MLCC 2004 A A1	Mortgage - 2.01%, 2045	** 618,755
MORGAN STANLEY REREMIC TRUST MSRR 2015 R2 1A1 144A	Mortgage - 1.65%, 2046	** 787,582
MORGAN STANLEY SR UNSECURED	Corporate Bonds - 2.21%, 2020	** 803,189
MORGAN STANLEY SR UNSECURED	Corporate Bonds - 7.30%, 2019	** 533,055
MORGAN STANLEY SR UNSECURED	Corporate Bonds - 5.50%, 2020	** 214,436
MORGAN STANLEY SR UNSECURED	Corporate Bonds - 2.29%, 2022	** 1,008,031
MORTGAGEIT TRUST MHL 2005 2 1A1	Mortgage - 2.07%, 2035	** 472,578
MORTGAGEIT TRUST MHL 2005 5 A1	Mortgage - 1.81%, 2035	** 1,183,005
NATIONSTAR HOME EQUITY LOAN TR NSTR 2006 B AV4	Other Asset Backed - 1.83%, 2036	** 831,069
NATIONWIDE MUTUAL INSURA	Corporate Bonds - 3.88%, 2024	** 398,030
SUBORDINATED 144A 12/24 VAR	Other Asset Backed - 2.12%, 2040	** 1,172,530

NAVIENT STUDENT LOAN TRUST NAVSL 2015 2 A3		
NAVIENT STUDENT LOAN TRUST NAVSL 2017 5A A 144A	Other Asset Backed - 2.35%, 2066	** 1,169,208
NELNET STUDENT LOAN TRUST NSLT 2015 2A A2 144A	Other Asset Backed - 2.15%, 2047	** 721,921
NELNET STUDENT LOAN TRUST NSLT 2015 3A A2 144A	Other Asset Backed - 1.93%, 2051	** 1,002,202
NEW YORK CITY NY MUNI WTR FIN NYCUTL	Municipals - 5.95%, 2042	** 943,117
NEW YORK CITY NY TRANSITIONAL NYCGEN	Municipals - 5.57%, 2038	** 538,229
NEW YORK ST DORM AUTH ST PERSO NYSHGR	Municipals - 5.29%, 2033	** 586,485
NEXTERA ENERGY CAPITAL COMPANY GUAR	Corporate Bonds - 1.65%, 2019	** 598,266
NOBLE ENERGY INC SR UNSECURED	Corporate Bonds - 5.25%, 2043	** 83,007
NYU HOSPITALS CENTER SECURED	Corporate Bonds - 4.78%, 2044	** 571,348

FirstEnergy Corp. Savings Plan  
Schedule H, line 4i - Schedule of Assets (Held at End of Year)  
December 31, 2017  
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(a) (b)	(c) Description of investment, including maturity date, rate of interest, collateral, par or maturity value	(d) (e) Cost Current Value
Identity of issue, borrower, lessor or similar party		
ORACLE CORP SR UNSECURED PENNSYLVANIA HIGHER EDUCATION PHEAA 2015 1A A 144A	Corporate Bonds - 3.25%, 2027 Other Asset Backed - 2.15%, 2041	** 244,072 ** 781,166
PLAINS ALL AMER PIPELINE SR UNSECURED	Corporate Bonds - 4.65%, 2025	** 360,672
PNC BANK NA SR UNSECURED	Corporate Bonds - 1.50%, 2018	** 674,788
POTOMAC ELECTRIC POWER 1ST MORTGAGE	Corporate Bonds - 3.60%, 2024	** 523,316
PROTECTIVE LIFE GLOBAL SR SECURED 144A	Corporate Bonds - 1.72%, 2018	** 542,123
RAYMOND JAMES FINANCIAL SR UNSECURED	Corporate Bonds - 4.95%, 2046	** 260,028
RBSCF TRUST RBSCF 2013 GSP A 144A	Mortgage- 3.83%, 2032	** 217,322
SEQUOIA MORTGAGE TRUST SEMT 2003 8 A1	Mortgage - 2.14%, 2034	** 641,933
SHIRE ACQ INV IRELAND DA COMPANY GUAR	Corporate Bonds - 1.90%, 2019	** 198,189
SL GREEN OPERATING PARTN COMPANY GUAR	Corporate Bonds - 3.25%, 2022	** 249,042
SLM STUDENT LOAN TRUST SLMA 2004 10 A6A 144A	Other Asset Backed - 1.92%, 2064	** 1,211,665
SLM STUDENT LOAN TRUST SLMA 2005 7 A4	Other Asset Backed - 1.52%, 2029	** 1,098,488
SLM STUDENT LOAN TRUST SLMA 2008 2 B	Other Asset Backed - 2.57%, 2083	** 194,579
SLM STUDENT LOAN TRUST SLMA 2008 4 B	Other Asset Backed - 3.22%, 2029	** 243,943
SLM STUDENT LOAN TRUST SLMA 2008 5 B	Other Asset Backed - 3.22%, 2030	** 400,999
SLM STUDENT LOAN TRUST SLMA 2008 8 B	Other Asset Backed - 3.62%, 2029	** 242,492
SLM STUDENT LOAN TRUST SLMA 2008 9 B	Other Asset Backed - 3.62%, 2083 Other Asset Backed - 1.98%, 2038	** 398,550 ** 554,735

SLM STUDENT LOAN TRUST SLMA 2012 3 A		
SLM STUDENT LOAN TRUST SLMA 2012 7 A3	Other Asset Backed - 1.98%, 2026	** 595,789
SPECTRA ENERGY PARTNERS SR UNSECURED	Corporate Bonds - 3.50%, 2025	** 200,842
SPRINT SPECTRUM / SPEC I SR SECURED 144A	Corporate Bonds - 3.36%, 2023	** 339,609
STRUCTURED ASSET MORTGAGE INVE SAMI 2004 AR2 2A	Mortgage - 3.27%, 2034	** 700,253
TC PIPELINES LP SR UNSECURED	Corporate Bonds - 4.38%, 2025	** 572,162
TCW EMERGING MARKETS INCOME FO	Common stock	** 435,096
TCW EMERGING MARKETS INCOME FO	Mutual Funds	** 1,298,346
TCW EMERGING MARKETS INCOME FO		
TEVA PHARMA FIN IV LLC COMPANY GUAR	Corporate Bonds - 2.25%, 2020	** 241,760
TSY INFL IX N/B	Government Issues - 0.88%, 2047	** 2,499,598
TSY INFL IX N/B	Government Issues - 0.13%, 2018	** 1,119,117
TSY INFL IX N/B	Government Issues - 0.13%, 2022	** 1,178,351
TSY INFL IX N/B	Government Issues - 0.13%, 2026	** 1,327,240
TSY INFL IX N/B	Government Issues - 0.38%, 2027	** 1,619,863
UBS AG STAMFORD CT SR UNSECURED	Corporate Bonds - 1.80%, 2018	** 460,016



FirstEnergy Corp. Savings Plan  
Schedule H, line 4i - Schedule of Assets (Held at End of Year)  
December 31, 2017  
#34-1843785 Plan 002

(a) (b)	(c)	(d) (e) Cost Current Value
Identity of issue, borrower, lessor or similar party	Description of investment, including maturity date, rate of interest, collateral, par or maturity value	
UNITED TECHNOLOGIES CORP JR SUBORDINA	Corporate Bonds - 1.78%, 2018	** 599,082
UNITEDHEALTH GROUP INC SR UNSECURED	Corporate Bonds - 4.75%, 2045	** 442,951
UNIV OF CALIFORNIA CA REVENUES UNVHGR	Municipals - 3.93%, 2045	** 571,093
US 2YR NOTE (CBT) MAR18 XCBT 20180329	Future - 0.00%, 2018	** 21,410,938
US TREASURY N/B	Government Issues - 1.50%, 2019	** 9,757,453
US TREASURY N/B	Government Issues - 2.00%, 2022	** 14,705,773
US TREASURY N/B	Government Issues - 1.75%, 2019	** 3,306,713
US TREASURY N/B	Government Issues - 2.00%, 2022	** 19,124,340
US TREASURY N/B	Government Issues - 2.25%, 2027	** 7,463,251
US TREASURY N/B	Government Issues - 2.75%, 2047	** 11,759,261
US TREASURY N/B	Government Issues - 1.88%, 2019	** 1,219,619
US TREASURY N/B	Government Issues - 2.13%, 2022	** 1,712,878
US ULTRA BOND CBT MAR18 XCBT 20180320	Future	** 502,969
VENTAS REALTY LP COMPANY GUAR	Corporate Bonds - 3.85%, 2027	** 305,526
VERIZON COMMUNICATIONS SR UNSECURED	Corporate Bonds - 4.50%, 2033	** 372,335
VERIZON COMMUNICATIONS SR UNSECURED	Corporate Bonds - 4.86%, 2046	** 499,979
VERIZON COMMUNICATIONS SR UNSECURED	Corporate Bonds - 4.52%, 2048	** 246,162
VIACOM INC SR UNSECURED	Corporate Bonds - 3.45%, 2026	** 239,061
VNO MORTGAGE TRUST VNDO 2012 6AVE A 144A	Mortgage - 3.00%, 2030	** 242,211
WALGREENS BOOTS ALLIANCE SR UNSECURED	Corporate Bonds - 3.45%, 2026	** 148,328
WALGREENS BOOTS ALLIANCE SR UNSECURED 11/44	Corporate Bonds - 4.80%, 2044	** 188,413
WAMU MORTGAGE PASS THROUGH CER WAMU 2005 AR1 A1A	Mortgage - 2.19%, 2045	** 656,653

WAMU MORTGAGE PASS THROUGH CER WAMU 2005 AR13 A1A2	Mortgage - 2.51%, 2045	** 749,964
WAMU MORTGAGE PASS THROUGH CER WAMU 2005 AR2 2A1A	Mortgage - 1.86%, 2045	** 733,597
WEA FINANCE LLC/WESTFIEL COMPANY GUAR 144A	Corporate Bonds - 2.70%, 2019	** 653,509
WELLS FARGO + CO COMPANY GUAR	Corporate Bonds - 5.75%, 2018	** 652,015
WELLS FARGO + COMPANY SR UNSECURED	Corporate Bonds - 3.00%, 2026	** 858,462
WELLS FARGO + COMPANY SR UNSECURED	Corporate Bonds - 2.63%, 2022	** 1,636,152
WELLS FARGO + COMPANY SR UNSECURED	Corporate Bonds - 3.55%, 2025	** 472,174
WELLS FARGO BANK NA SR UNSECURED	Corporate Bonds - 2.15%, 2019	** 439,321
WELLS FARGO COMMERCIAL MORTGAG WFCM 2012 LC5 A3	Mortgage - 2.92%, 2050	** 443,126
WELLTOWER INC SR UNSECURED	Corporate Bonds - 3.75%, 2023	** 823,825
WILLIAMS PARTNERS LP SR UNSECURED	Corporate Bonds - 5.10%, 2045	** 329,931

FirstEnergy Corp. Savings Plan  
Schedule H, line 4i - Schedule of Assets (Held at End of Year)  
December 31, 2017  
#34-1843785 Plan 002

(a) (b)	(c)	(d)	(e)
Identity of issue, borrower, lessor or similar party	Description of investment, including maturity date, rate of interest, collateral, par or maturity value	Cost	Current Value
Total Metwest Total Return Fund			281,469,384
	Total Investments		3,895,007,221
*Notes receivable from participants	Loans receivable with repayment interest of 4.25% to 10%	\$	-62,281,227
			\$3,957,288,448

\* Parties-in-interest

\*\* Information is not required pursuant to Form 5500 instructions

FirstEnergy Corp. Savings Plan  
Schedule H, line 4j - Schedule of Reportable Transactions  
For the Year Ended December 31, 2017  
#34-1843785 Plan 002

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
Identity of Party	Description of Assets	Purchase Price	Selling Price	Lease Rental	Expenses Incurred in Transaction	Cost of Asset	Current Value of Asset on Transaction Date	Net Gain (Loss)
Single								
	EQUITY INDEX FUND M	N/A	\$804,469,940	N/A	\$	—\$634,905,082	\$804,469,940	\$169,564,858
	BLACKROCK INSTL TR CO	\$804,469,940	N/A	N/A	\$	—\$804,469,940	\$804,469,940	N/A
Series								
*	STATE STREET STIF 701 Transactions	\$704,047,840	N/A	N/A	\$	—\$704,047,840	\$704,047,840	N/A
*	STATE STREET STIF 953 Transactions	N/A	\$729,306,499	N/A	\$	—\$729,306,499	\$729,306,499	\$—
	EQUITY INDEX FUND M	\$10,952,540	N/A	N/A	\$	—\$10,952,540	\$10,952,540	N/A
	18 Transactions							
	EQUITY INDEX FUND M	N/A	\$841,555,165	N/A	\$	—\$665,094,796	\$841,555,165	\$176,460,369
	48 Transactions							
	BLACKROCK INSTL TR CO	\$825,827,017	N/A	N/A	\$	—\$825,827,017	\$825,827,017	N/A
	39 Transactions							

BLACKROCK INSTL TR CO 151 Transactions	N/A	\$73,983,882	N/A	\$	—\$69,418,029	\$73,983,882	\$4,565,853
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\* Parties-in-interest

EXHIBIT INDEX

FIRSTENERGY CORP. SAVINGS PLAN

Exhibit  
Number

23.1 Consent of Independent Registered Public Accounting Firm

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SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the Savings Plan Committee, the administrator of the FirstEnergy Corp. Savings Plan, has duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

FIRSTENERGY CORP.  
SAVINGS PLAN

Dated: June 27, 2018

By                   /s/ Ana M. Fluke  
Ana M. Fluke  
Chairperson  
Savings Plan Committee