

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2017 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2017 or fiscal plan year beginning <u>01/01/2017</u> and ending <u>12/31/2017</u>	
A	This return/report is for: ☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
	☒ a single-employer plan ☐ a DFE (specify) _____
B	This return/report is: ☐ the first return/report ☐ an amended return/report ☐ the final return/report ☐ a short plan year return/report (less than 12 months)
C	If the plan is a collectively-bargained plan, check here. ☒
D	Check box if filing under: ☒ Form 5558 ☐ special extension (enter description) ☐ automatic extension ☐ the DFVC program

Part II	Basic Plan Information —enter all requested information		
1a	Name of plan <u>AMERICAN ELECTRIC POWER SYSTEM RETIREMENT PLAN</u>	1b	Three-digit plan number (PN) ▶ <u>001</u>
		1c	Effective date of plan <u>12/01/1940</u>
2a	Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>AMERICAN ELECTRIC POWER SERVICE CORPORATION</u> <u>1 RIVERSIDE PLAZA</u> <u>COLUMBUS, OH 43215</u>	2b	Employer Identification Number (EIN) <u>13-4922641</u>
		2c	Plan Sponsor's telephone number <u>614-716-1000</u>
		2d	Business code (see instructions) <u>221100</u>

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/10/2018	LONNI L. DIECK
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Form 5500 (2017)
v. 170203

3a Plan administrator's name and address ☒ Same as Plan Sponsor		3b Administrator's EIN	
		3c Administrator's telephone number	
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name		4b EIN 4d PN	
5 Total number of participants at the beginning of the plan year		5	36002
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d).			
a(1) Total number of active participants at the beginning of the plan year		6a(1)	16899
a(2) Total number of active participants at the end of the plan year		6a(2)	16796
b Retired or separated participants receiving benefits		6b	11708
c Other retired or separated participants entitled to future benefits		6c	3596
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d	32100
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e	3547
f Total. Add lines 6d and 6e		6f	35647
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)		6g	
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested		6h	79
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item).....		7	
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 1A 1C 1E 3F 3H			
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:			
9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor		9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)			
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☒ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary		b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☐ <u>0</u> A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)	

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2017 Form M-1 annual report. If the plan was not required to file the 2017 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	OMB No. 1210-0110 2017 This Form is Open to Public Inspection
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For calendar plan year 2017 or fiscal plan year beginning 01/01/2017 and ending 12/31/2017

▶ **Round off amounts to nearest dollar.**
▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan <u>AMERICAN ELECTRIC POWER SYSTEM RETIREMENT PLAN</u>	B Three-digit plan number (PN) ▶ <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>AMERICAN ELECTRIC POWER SERVICE CORPORATION</u>	D Employer Identification Number (EIN) <u>13-4922641</u>

E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500
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Part I Basic Information

1 Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2017</u>			
2 Assets:			
a Market value	2a	<u>4831883160</u>	
b Actuarial value	2b	<u>4959332851</u>	
3 Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a For retired participants and beneficiaries receiving payment	<u>15460</u>	<u>2213269675</u>	<u>2213269675</u>
b For terminated vested participants	<u>3643</u>	<u>215748048</u>	<u>215748048</u>
c For active participants	<u>16899</u>	<u>1664687839</u>	<u>1677827982</u>
d Total	<u>36002</u>	<u>4093705562</u>	<u>4106845705</u>
4 If the plan is in at-risk status, check the box and complete lines (a) and (b)..... ☐			
a Funding target disregarding prescribed at-risk assumptions	4a		
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b		
5 Effective interest rate	5	<u>5.80 %</u>	
6 Target normal cost	6	<u>88460077</u>	

Statement by Enrolled Actuary
To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE		
Signature of actuary	<u>09/11/2018</u>	Date
<u>JOSEPH A. PERKO</u>	<u>17-06491</u>	Most recent enrollment number
Type or print name of actuary	<u>216-937-4000</u>	Telephone number (including area code)
<u>TOWERS WATSON DELAWARE INC.</u>		
Firm name		
<u>1001 LAKESIDE AVENUE, SUITE 1500</u> <u>CLEVELAND, OH 44114-1172</u>		
Address of the firm		

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions ☐

Part II Beginning of Year Carryover and Prefunding Balances

	(a) Carryover balance	(b) Prefunding balance
7 Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	161239527	571474177
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9 Amount remaining (line 7 minus line 8)	161239527	571474177
10 Interest on line 9 using prior year's actual return of 7.06 %	11383511	40346077
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year)		83611951
b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of 5.95 %		4974911
b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
c Total available at beginning of current plan year to add to prefunding balance		88586862
d Portion of (c) to be added to prefunding balance		0
12 Other reductions in balances due to elections or deemed elections	20416223	0
13 Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	152206815	611820254

Part III Funding Percentages

14 Funding target attainment percentage	14	102.15%
15 Adjusted funding target attainment percentage	15	120.75%
16 Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	105.98%
17 If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.	17	%

Part IV Contributions and Liquidity Shortfalls**18** Contributions made to the plan for the plan year by employer(s) and employees:

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
Totals ▶			18(b)	0	18(c) 0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:

a Contributions allocated toward unpaid minimum required contributions from prior years.	19a	0
b Contributions made to avoid restrictions adjusted to valuation date	19b	0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	0

20 Quarterly contributions and liquidity shortfalls:

- a** Did the plan have a "funding shortfall" for the prior year? ☐ Yes ☒ No
- b** If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☐ Yes ☐ No
- c** If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:				
a Segment rates:	1st segment: 4.16 %	2nd segment: 5.72 %	3rd segment: 6.48 %	☐ N/A, full yield curve used
b Applicable month (enter code)				21b 3
22 Weighted average retirement age				22 64
23 Mortality table(s) (see instructions) ☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute				

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment	☐ Yes ☒ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment	☐ Yes ☒ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment	☒ Yes ☐ No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment	27

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	28	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	29	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6)	31a	88460077	
b Excess assets, if applicable, but not greater than line 31a	31b	88460077	
32 Amortization installments:	Outstanding Balance		Installment
a Net shortfall amortization installment	0		0
b Waiver amortization installment	0		0
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33	0	
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	34	0	
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	0	0
36 Additional cash requirement (line 34 minus line 35)	36	0	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	0	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	0	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	0	
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0	
40 Unpaid minimum required contributions for all years	40	0	

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:			
a Schedule elected	☐ 2 plus 7 years ☐ 15 years		
b Eligible plan year(s) for which the election in line 41a was made	☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011		
42 Amount of acceleration adjustment	42		
43 Excess installment acceleration amount to be carried over to future plan years	43		

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2017
		This Form is Open to Public Inspection.

For calendar plan year 2017 or fiscal plan year beginning 01/01/2017 and ending 12/31/2017		
A Name of plan AMERICAN ELECTRIC POWER SYSTEM RETIREMENT PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 AMERICAN ELECTRIC POWER SERVICE CORPORATION	D Employer Identification Number (EIN) 13-4922641	

Part I	Service Provider Information (see instructions)
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You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions).. ☒ Yes ☐ No
- b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
TOWNSEND GROUP
45-3073569

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
JPMORGAN CHASE BANK, N.A.
13-4994650

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

EDINBURGH PARTNERS LIMITED

27-31 MELVILLE STREET
EDINBURGH, SCOTLAND EH3 7JF GB

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50 51 68 71	NONE KNOWN	1767742	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

J.P. MORGAN INVESTMENT MANAGEMENT

13-3200244

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27 28 50 51	NONE KNOWN	1469806	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

JENNISON ASSOCIATES LLC

22-2540245

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50 51 68	NONE KNOWN	1351014	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

SANDS CAPITAL MANAGEMENT, LLC

20-2830751

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50 51 68	NONE KNOWN	1300454	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

MERCER

20-1932099

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
13 15 38 50	NONE KNOWN	1243536	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

WELLINGTON MANAGEMENT COMPANY LLP

30-0835489

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50 51 68	NONE KNOWN	1213680	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

TEMPLETON INVESTMENT COUNSEL, LLC

94-3385113

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50 51 68	NONE KNOWN	1180702	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

HAMILTON LANE ADVISORS, LLC

23-2962336

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50 51	NONE KNOWN	1142500	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

VONTOBEL ASSET MANAGEMENT, INC.

13-3223264

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50 51	NONE KNOWN	1122910	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

NISA INVESTMENT ADVISORS

48-1140940

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50 51	NONE KNOWN	1036782	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

TOWNSEND GROUP

45-3073569

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50 51	NONE KNOWN	885740	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

THE BANK OF NEW YORK MELLON

13-5160382

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
19 21 50 59 99	NONE KNOWN	798213	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

STONE HARBOR INVESTMENT PARTNERS LP

31 WEST 52ND STREET, 16TH FLOOR
NEW YORK, NY 10019

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50 51	NONE KNOWN	390223	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

TOWERS WATSON INVESTMENT SERVICES

52-1868818

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
16 27 50 70	NONE KNOWN	259815	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

WILLIS TOWERS WATSON

53-0181291

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
11 17 50 70	NONE KNOWN	166060	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

BROOKFIELD ASSET MANAGEMENT

13-3519673

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50 51 52	NONE KNOWN	12000	Yes ☒ No ☐	Yes ☒ No ☐	150381	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

MELLON CAPITAL MANAGEMENT CORP

25-1442864

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50 51 52	NONE KNOWN	135212	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

DELOITTE & TOUCHE LLP

13-3891517

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10 16 50 70	NONE KNOWN	98209	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

CONDUENT HUMAN RESOURCE SERVICES

20-2185976

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
15 50	NONE KNOWN	24000	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
BROOKFIELD ASSET MANAGEMENT	52	68661
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
BROOKFIELD PREM REAL ESTATE PTNRS 81-3647586	INVESTMENT MANAGEMENT FEES PAID INDIRECTLY BY THE PLAN	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
BROOKFIELD ASSET MANAGEMENT	52	75652
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
BROOKFIELD PREM REAL ESTATE PTNRS A 37-1693167	INVESTMENT MANAGEMENT FEES PAID INDIRECTLY BY THE PLAN	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
BROOKFIELD ASSET MANAGEMENT	52	6068
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
BROOKFIELD PR REAL ESTATE PTNRS III 61-1648864	INVESTMENT MANAGEMENT FEES PAID INDIRECTLY BY THE PLAN	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name:	DELOITTE & TOUCHE LLP	b EIN:	13-3891517
c Position:	ACCOUNTANT		
d Address:	180 EAST BROAD STREET 14TH FLOOR, STE 1400 COLUMBUS, OH 43215	e Telephone:	614-221-1000

Explanation: COMPETITIVE BIDDING PROCESS

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2017 This Form is Open to Public Inspection.
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For calendar plan year 2017 or fiscal plan year beginning 01/01/2017 and ending 12/31/2017

A Name of plan <u>AMERICAN ELECTRIC POWER SYSTEM RETIREMENT PLAN</u>	B Three-digit plan number (PN) ►	<u>001</u>
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>AMERICAN ELECTRIC POWER SERVICE CORPORATION</u>	D Employer Identification Number (EIN) <u>13-4922641</u>	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
---------------	--

a Name of MTIA, CCT, PSA, or 103-12 IE: <u>CPTF MORTGAGE PRIVATE PLACEMENT</u>		
b Name of sponsor of entity listed in (a): <u>JPMORGAN CHASE BANK, N.A.</u>		
c EIN-PN <u>13-6038769-001</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>0</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>EB TEMPORARY INVESTMENT</u>		
b Name of sponsor of entity listed in (a): <u>THE BANK OF NEW YORK MELLON</u>		
c EIN-PN <u>25-6078093-023</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>24923511</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>VONTOBEL INDIA FUND</u>		
b Name of sponsor of entity listed in (a): <u>VONTOBEL ASSET MANAGEMENT INC.</u>		
c EIN-PN <u>98-1039469-000</u>	d Entity code <u>E</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>0</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>EB DV ACWI FUND</u>		
b Name of sponsor of entity listed in (a): <u>THE BANK OF NEW YORK MELLON</u>		
c EIN-PN <u>25-6078093-191</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>560551916</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>CPTF SPECIAL SITUATION PROPERTY</u>		
b Name of sponsor of entity listed in (a): <u>JPMORGAN CHASE BANK, N.A.</u>		
c EIN-PN <u>13-3980309-001</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>16746602</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>CPTF LONG DURATION INVESTMENT GRADE</u>		
b Name of sponsor of entity listed in (a): <u>JPMORGAN CHASE BANK, N.A.</u>		
c EIN-PN <u>26-0199869-001</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>176116914</u>
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
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103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
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103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
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103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2017 This Form is Open to Public Inspection
For calendar plan year 2017 or fiscal plan year beginning <u>01/01/2017</u> and ending <u>12/31/2017</u>		
A Name of plan <u>AMERICAN ELECTRIC POWER SYSTEM RETIREMENT PLAN</u>	B Three-digit plan number (PN) ►	<u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>AMERICAN ELECTRIC POWER SERVICE CORPORATION</u>	D Employer Identification Number (EIN) <u>13-4922641</u>	

Part I Asset and Liability Statement			
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.			
Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a	0	67589
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)		
(2) Participant contributions	1b(2)		
(3) Other.....	1b(3)	51665476	69967669
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)	14724659	36082032
(2) U.S. Government securities.....	1c(2)	357587190	1859078524
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)	0	801461300
(B) All other.....	1c(3)(B)	2263628751	824249884
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)	761565869	923579052
(5) Partnership/joint venture interests	1c(5)	756427980	758024880
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)	159639234	0
(8) Participant loans	1c(8)		
(9) Value of interest in common/collective trusts.....	1c(9)	447843642	778338943
(10) Value of interest in pooled separate accounts.....	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)	14027208	0
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)		
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other	1c(15)	588176895	147309369

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	5415286904	6198159242
Liabilities			
g Benefit claims payable	1g		
h Operating payables	1h	31337053	6211571
i Acquisition indebtedness	1i		
j Other liabilities	1j	169680546	543510962
k Total liabilities (add all amounts in lines 1g through 1j)	1k	201017599	549722533
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	5214269305	5648436709

Part II Income and Expense Statement

- 2** Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	94325000	
(B) Participants	2a(1)(B)		
(C) Others (including rollovers)	2a(1)(C)		
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		94325000
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	-42761	
(B) U.S. Government securities	2b(1)(B)	23851890	
(C) Corporate debt instruments	2b(1)(C)	67818756	
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)		
(F) Other	2b(1)(F)	2363834	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		93991719
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)	19423899	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)		
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		19423899
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	6182711708	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	6018531717	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		164179991
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)	295456952	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		295456952

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		118550111
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds).....	2b(10)		
c Other income	2c		15736353
d Total income. Add all income amounts in column (b) and enter total.....	2d		801664025

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers.....	2e(1)	346487697	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3).....	2e(4)		346487697
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions).....	2g		
h Interest expense.....	2h		45528
i Administrative expenses: (1) Professional fees	2i(1)	1063585	
(2) Contract administrator fees	2i(2)	1243536	
(3) Investment advisory and management fees	2i(3)	13268581	
(4) Other	2i(4)	5387694	
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		20963396
j Total expenses. Add all expense amounts in column (b) and enter total.....	2j		367496621

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		434167404
l Transfers of assets:			
(1) To this plan.....	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☐ Unqualified (2) ☐ Qualified (3) ☒ Disclaimer (4) ☐ Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)? ☒ Yes ☐ No

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: PLANTE & MORAN, PLLC

(2) EIN: 38-1357951

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.).....

b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)

	Yes	No	Amount
4a		X	
4b		X	

		Yes	No	Amount
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)	4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)	4d		X	
e Was this plan covered by a fidelity bond?	4e	X		35000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?	4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.)	4j	X		
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	4k		X	
l Has the plan failed to provide any benefit when due under the plan?	4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	4m			
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	4n			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year?..... ☐ Yes ☒ No
 If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c If the plan is a defined benefit plan, is it covered under the PBGC insurance program (See ERISA section 4021.)? ☒ Yes ☐ No ☐ Not determined
 If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 4086489. (See instructions.)

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2017 This Form is Open to Public Inspection.
For calendar plan year 2017 or fiscal plan year beginning 01/01/2017 and ending 12/31/2017		
A Name of plan AMERICAN ELECTRIC POWER SYSTEM RETIREMENT PLAN		B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 AMERICAN ELECTRIC POWER SERVICE CORPORATION		D Employer Identification Number (EIN) 13-4922641
Part I	Distributions	
All references to distributions relate only to payments of benefits during the plan year.		
1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions		1 0
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 13-5160382		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year		3 847
Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)	
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☒ No ☐ N/A If the plan is a defined benefit plan, go to line 8.		
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month Day Year If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)		6a
b Enter the amount contributed by the employer to the plan for this plan year		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☐ No ☒ N/A		
Part III	Amendments	
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box. ☐ Increase ☐ Decrease ☐ Both ☒ No		
Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.	
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan? ☐ Yes ☐ No		
11 a Does the ESOP hold any preferred stock? ☐ Yes ☐ No		
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.) ☐ Yes ☐ No		
12 Does the ESOP hold any stock that is not readily tradable on an established securities market? ☐ Yes ☐ No		
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2017 v. 170203		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

- 14** Enter the number of participants on whose behalf no contributions were made by an employer as an employer of the participant for:

a The current year	14a	
b The plan year immediately preceding the current plan year	14b	
c The second preceding plan year	14c	

- 15** Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year	15a	
b The corresponding number for the second preceding plan year	15b	

- 16** Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year	16a	
b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	16b	

- 17** If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

- 18** If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐

- 19** If the total number of participants is 1,000 or more, complete lines (a) through (c)

- a** Enter the percentage of plan assets held as:

Stock: 25.0% Investment-Grade Debt: 58.0% High-Yield Debt: 2.0% Real Estate: 6.0% Other: 9.0%

- b** Provide the average duration of the combined investment-grade and high-yield debt:

☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☒ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

- c** What duration measure was used to calculate line 19(b)?

☐ Effective duration ☐ Macaulay duration ☒ Modified duration ☐ Other (specify):

American Electric Power System Retirement Plan

Financial Report
December 31, 2017

American Electric Power System Retirement Plan

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Independent Auditor's Report

To the Trustees
American Electric Power System
Retirement Plan

Report on the 2017 Financial Statements

We were engaged to audit the accompanying financial statements of American Electric Power System Retirement Plan (the "Plan"), which comprise the statements of net assets available for benefits and accumulated plan benefits as of December 31, 2017 and the related statements of changes in net assets available for benefits and changes in accumulated plan benefits for the year then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on conducting the audit in accordance with auditing standards generally accepted in the United States of America. Because of the matter described in the *Basis for Disclaimer of Opinion* paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion on the 2017 financial statements.

Basis for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 (ERISA), the plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 3, which was certified by Bank of New York Mellon/BNY Mellon, N.A. (the "Trustee"), except for comparing such information with the related information included in the 2017 financial statements. We have been informed by the plan administrator that the Trustee holds the Plan's investment assets and executes related transactions. The plan administrator has obtained a certification from the Trustee as of and for the year ended December 31, 2017 that the information provided to the plan administrator is complete and accurate.

Disclaimer of Opinion

Because of the significance of the matter described in the *Basis for Disclaimer of Opinion* paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion on the 2017 financial statements. Accordingly, we do not express an opinion on the 2017 financial statements.

Other Matter

The supplemental schedules of assets held at end of year as of December 31, 2017, assets (acquired and disposed of within year), and reportable transactions for the year ended December 31, 2017 are required by the DOL's Rules and Regulations for Reporting and Disclosure under ERISA and are presented for the purpose of additional analysis and are not a required part of the financial statements. Because of the significance of the matter described in the *Basis for Disclaimer of Opinion* paragraph, we do not express an opinion on these supplemental schedules.

To the Trustees
American Electric Power System
Retirement Plan

Report on Prior Year Financial Statements

The financial statements of American Electric Power System Retirement Plan as of and for the year ended December 31, 2016 were audited by other auditors, whose report dated October 11, 2017 disclaimed an opinion, as permitted by 29 CFR 2520.103-8 of the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

Report on Form and Content in Compliance with DOL's Rules and Regulations for 2017 Financial Statements

The form and content of the information included in the 2017 financial statements and supplemental schedules, other than that derived from the information certified by the Trustee, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

Plante & Moreau, PLLC

Columbus, Ohio
October 10, 2018

American Electric Power System Retirement Plan

Statement of Net Assets Available for Benefits

	December 31, 2017 and 2016	
	2017	2016
Assets		
Investments at fair value:		
Short-term investments	\$ 36,501,746	\$ 14,724,659
Corporate stock (including securities on loan of \$78,321,934 for 2017 and \$35,634,919 for 2016)	853,743,285	817,223,397
U.S. government obligations (including securities on loan of \$399,413,186 for 2017 and \$83,516,195 for 2016)	1,377,399,111	441,103,385
Corporate obligations (including securities on loan of \$13,279,962 for 2017 and \$40,488,120 for 2016)	1,545,394,581	2,304,116,871
Other investments (including securities on loan of \$1,065,919 for 2017 and \$0 for 2016)	71,370,131	16,184,774
Common/Collective trusts and commingled fund	474,064,717	461,870,850
Partnership/Joint venture interests	796,253,266	756,427,980
Total investments at fair value	5,154,726,837	4,811,651,916
Collateral held under securities lending (Note 5)	502,177,251	161,600,476
Net assets held in 401(h) account at fair value (Note 6)	472,343,050	390,369,036
Due from broker for securities sold	37,059,608	23,110,990
Accrued dividend and interest income	30,982,071	28,554,486
Total assets	6,197,288,817	5,415,286,904
Liabilities		
Due to broker for securities purchased	38,998,873	31,337,053
Investment advisory and other fees payable	6,022,272	6,324,185
Obligation under securities lending (Note 5)	503,830,963	163,356,361
Payables for investments held in 401(h) account at fair value (Note 6)	472,343,050	390,369,036
Total liabilities	1,021,195,158	591,386,635
Net Assets Available for Benefits	\$ 5,176,093,659	\$ 4,823,900,269

American Electric Power System Retirement Plan

Statement of Changes in Net Assets Available for Benefits

Years Ended December 31, 2017 and 2016

	2017	2016
Additions		
Employer contributions	\$ 94,325,000	\$ 85,953,000
Investment income:		
Interest and dividends	106,932,959	118,657,431
Net realized and unrealized gains on investments	502,497,664	207,834,571
Other investment income	14,917,185	10,371,102
Net investment income	624,347,808	336,863,104
Total additions	718,672,808	422,816,104
Deductions		
Benefits paid directly to participants or beneficiaries	346,487,697	340,613,741
Administrative expenses	19,991,721	17,100,271
Total deductions	366,479,418	357,714,012
Net Increase	352,193,390	65,102,092
Net Assets Available for Benefits		
Beginning of year	4,823,900,269	4,758,798,177
End of year	<u>\$ 5,176,093,659</u>	<u>\$ 4,823,900,269</u>

American Electric Power System Retirement Plan

Statement of Accumulated Plan Benefits

	December 31, 2017 and 2016	
	2017	2016
Actuarial Present Value of Accumulated Plan Benefits		
Vested benefits:		
Participants and beneficiaries currently receiving benefit payments	\$ 1,759,300,433	\$ 2,203,681,034
Other participants	<u>2,193,094,529</u>	<u>1,798,663,230</u>
Total vested benefits	3,952,394,962	4,002,344,264
Nonvested benefits	<u>18,345,040</u>	<u>11,260,440</u>
Total Actuarial Present Value of Accumulated Plan Benefits	<u>\$ 3,970,740,002</u>	<u>\$ 4,013,604,704</u>

American Electric Power System Retirement Plan

Statement of Changes in Accumulated Plan Benefits

Years Ended December 31, 2017 and 2016

	2017	2016
Actuarial Present Value of Accumulated Plan Benefits - Beginning of year	\$ 4,013,604,704	\$ 4,062,659,954
Increase (decrease) during the year attributable to:		
Benefits accumulated	69,080,997	68,557,617
Actuarial losses (gains)	18,060,921	(1,519,982)
Interest due to the decrease in the discount period	234,719,412	234,157,855
Benefits paid	(346,487,697)	(340,613,741)
Changes in actuarial assumptions	(18,238,335)	(9,636,999)
Net decrease	(42,864,702)	(49,055,250)
Actuarial Present Value of Accumulated Plan Benefits - End of year	\$ 3,970,740,002	\$ 4,013,604,704

December 31, 2017 and 2016

Note 1 - Plan Description

The following description of American Electric Power System Retirement Plan (the "Plan") provides only general information. Participants should refer to the Plan's governing documents for a more complete description of the Plan's provisions.

General

The Plan is a noncontributory trustee plan established by American Electric Power Service Corporation and affiliated companies (all of which are collectively referred to as the "Company," AEPSC, or AEP). The Plan is administered under the direction of American Electric Power Service Corporation (the "Plan Administrator"), which has delegated supervision of the plan investment policy to the Benefits Finance Committee (BFC). The BFC is responsible for monitoring the investment policy for the Plan and its Investment Subcommittee (IC) has been delegated responsibility for the engagement of investment managers to direct the Plan's investments. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA). Plan assets are held in a tax-exempt trust at the Bank of New York Mellon/BNY Mellon, N.A., the Plan's trustee (the "Trustee").

The Plan consists of an insured Group Annuity Plan (GAP), contributions to which were suspended on May 1, 1955, and a Trustee Plan, which was added on May 1, 1955. Benefits under the Plan are determined solely by reference to terms of the Trustee Plan, but participants who were covered by the suspended GAP also receive payments under the GAP. Any payments made under the GAP offset the payments required under the Trustee Plan. Insurance contracts purchased for the GAP are excluded from plan assets.

The Plan's trust includes a separate account maintained under the terms of the Plan and Internal Revenue Code (IRC) Section 401(h) to provide funding for certain retiree health benefits.

Pension Benefits

The Plan, as amended to date, covers substantially all employees of the Company not covered by any other private defined benefit pension plan to which the Company contributes. Employees who have completed one year of service are eligible to participate in the Plan. Plan benefits generally accrue under a cash balance formula, although certain long-time participants were grandfathered into certain benefit formulas. Although there are a number of participants who had been covered by the former Central and South West System Cash Balance Retirement Plan who continue to accrue benefits under certain grandfathered benefit formulas, most plan participants were credited benefits only through December 31, 2010 based on their then final average base pay and years of service. The cash balance formula includes an expanded definition of earnings and, for applicable grandfathered participants, an opening balance calculation that provided credit for the then value of the participant's then-accrued benefit. All eligible employees become fully vested once credited with at least three years of service. Payment of vested benefits is available as an annuity or lump sum or for rollover to an eligible retirement plan after the participant's employment with the Company ends.

Funding Policy

Contributions are made by the Company in actuarially determined amounts. The Company's contributions are made to at least meet the minimum funding requirements of ERISA. The Company met the minimum funding requirement in 2017 and 2016.

Party-in-interest Transactions

Certain transactions involving the Plan and its assets involved parties in interest with respect to the Plan, but those transactions were not prohibited transactions under ERISA because of the applicability of one or more exemptions. The exempt party-in-interest transactions involving the Plan included (i) the payment of reasonable fees to persons who were providing services to the Plan, including investment advisory, investment management, and plan administration services; and (ii) the management of the investment of certain plan assets are in investment funds managed by the Trustee or its affiliates.

December 31, 2017 and 2016

Note 2 - Summary of Significant Accounting Policies

Basis of Accounting

The financial statements are prepared on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America. Investments are recorded at fair value. Dividend income is recorded based on the ex-dividend date. Interest and other income are recorded on the accrual basis. Investment transactions are recorded on the trade date. Net appreciation (depreciation) includes the Plan's gains and losses on investments bought and sold, as well as held, during the year.

Fair Value Measurement of Assets

The accounting guidance for "Fair Value Measurements and Disclosures" establishes a fair value hierarchy that prioritizes the inputs used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted market prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). AEPSC's staff independently monitors valuation policies and procedures and provides members of the BFC and its IC various monthly and quarterly reports, regarding compliance with policies and procedures. The BFC consists of AEPSC's chief financial officer, treasurer, chief administrative officer, chief risk officer, and executive vice president general counsel, in addition to the executive vice president - energy supply of AEP and the president of AEP Ohio. The IC consists of AEPSC's treasurer, director of trust and investments, and two managing directors of corporate finance.

The Plan utilizes its Trustee's external pricing service to estimate the fair value of the underlying investments held in the Plan. The Trustee uses multiple pricing vendors for the assets held in trust. The Plan's investment managers review and validate the prices utilized by the Trustee to determine fair value. The Plan Administrator performs its own valuation testing to verify the fair values of the securities, in part by reviewing audit reports of the Trustee's operating controls and valuation processes.

Assets in the Plan are classified using the following methods. Equities are classified as Level 1 holdings if they are actively traded on exchanges. Items classified as Level 1 are investments in equity securities. They are valued based on observable inputs primarily unadjusted quoted prices in active markets for identical assets. Items classified as Level 2 are primarily investments in fixed-income securities. Fixed-income securities generally do not trade on exchanges and do not have an official closing price, but their valuation inputs are based on observable market data.

The Trustee's pricing vendors calculate fixed-income securities valuations using financial models and matrices. The models use observable inputs, including yields on benchmark securities, quotes by securities brokers, rating agency actions, discounts on premiums on securities compared to par prices, changes in yields for U.S. Treasury securities, corporate actions by bond issuers, prepayment schedules and histories, economic events, and, for certain securities, adjustments to yields to reflect changes in the rate of inflation. Short-term funds are held to provide liquidity and meet short-term cash needs. The underlying holdings in these funds consist of commercial paper, certificates of deposit, treasury bills, and other short-term debt securities. Short-term debt securities are valued based on observable market data by the trust banks pricing vendor. Other securities with model-derived valuation inputs that are observable are also classified as Level 2 investments. Investments with unobservable valuation inputs are classified as Level 3 investments.

December 31, 2017 and 2016

Note 2 - Summary of Significant Accounting Policies (Continued)

The following investments are valued at net asset value as a practical expedient:

Investments classified as "other" are primarily cash equivalent funds and common collective trusts.

Short-term Investments

The objective of short-term investments is to provide liquidity and meet short-term cash needs. Short-term investments are used to provide diversification and preserve principal. The underlying holdings include commercial paper, certificates of deposit, treasury bills, and other types of investment-grade short-term debt securities. The short-term investments are valued each business day and provide daily liquidity. The redemption frequency and redemption notice period are both daily. The short-term investments have no unfunded commitments.

JPMorgan Mortgage Private Placement Fund

The JPMorgan Mortgage Private Placement Fund is a common collective trust that is independently audited each year. This fund is used in the fixed-income long-duration strategy portfolio to provide additional return and to diversify portfolio holdings. The redemption frequency is monthly and redemption notice period is five days. The fund has no unfunded commitments. The fund may suspend the valuation of assets or the right to make redemptions at management's discretion when redemptions would not reasonably be practicable and are not deemed to be in the best interest of the fund or its shareholders.

Vontobel India Fund

The Vontobel India Fund is an open-ended commingled fund that is a 103-12 investment entity that is held as a component of a separately managed global equity portfolio. The objective of the fund is to realize capital growth and generate income through investments in equities domiciled in the country of India as part of an overall portfolio that tracks the Morgan Stanley Capital International All-Country World Index. The underlying holdings are equity securities, and the fund will invest at least 75 percent of its assets in companies which have a registered office in India. The redemption frequency is daily and the redemption notice period is five days. The fund has no unfunded commitments. The fund may suspend the valuation of assets or the right to make redemptions at management's discretion when redemptions would not be reasonably practicable and are not deemed to be in the best interest of the fund or its shareholders.

Mellon Capital All-Country World Index Fund

The Mellon Capital All-Country World Index Fund is a common collective trust that is independently audited each year. The fund's objective is to track the performance of the MSCI All Country World Index. The fund is part of a global equity strategy and is used to provide investment returns and to diversify portfolio holdings. Redemption frequency is weekly and the redemption notice period is two days. The fund has no unfunded commitments. The fund may suspend the valuation of assets or the right to make redemptions at management's discretion when redemptions would not reasonably be practicable and are not deemed to be in the best interest of the fund or its shareholders.

Alternative Investments

The objective of alternative investments portfolio is to add return and provide diversification. Alternative investments are difficult to value, not actively traded, and typically require a long time horizon to evaluate investment performance. The pension plan uses limited partnerships and commingled funds to invest across the alternative credit spectrum. The holdings are currently composed of high yield bonds, bank loans, and emerging market debt. Alternative investment funds are used to enhance holdings diversity. The alternative investments portfolio has no unfunded commitments.

December 31, 2017 and 2016

Note 2 - Summary of Significant Accounting Policies (Continued)

Included in the alternative investment designation is \$296,820,675 and \$289,669,540 of private equity investments at December 31, 2017 and 2016, respectively, whose portfolio objective is to add return and provide diversification. Private equity investments are difficult to value, not actively traded, and typically require a long time horizon to evaluate investment performance. The pension plan uses limited partnerships and commingled funds to invest across the private equity spectrum. The private equity holdings are with multiple general partners who help monitor the investments and provide investment selection and expertise. The private equity portfolio has \$146,241,977 in unfunded commitments as of December 31, 2017. The portfolio does not have a readily determinable fair value and is illiquid. The Plan generally expects to liquidate the investments within three to 15 years.

Real Estate

The objective of the real estate portfolio is to add return, provide diversification, and hedge against inflation. Real estate investments are difficult to value, not actively traded, and typically require a long time horizon to evaluate investment performance. The pension plan uses external real estate managers to invest in commingled funds that hold real estate properties. To mitigate investment risk in the real estate portfolio, commingled real estate funds are used to ensure that holdings are diversified by region, property type, and risk classification. The real estate portfolio has \$18,421,951 in unfunded commitments as of December 31, 2017.

Infrastructure

The objective of the infrastructure portfolio is to add return, provide diversification, and hedge against inflation. Infrastructure investments are difficult to value, not actively traded, and typically require a long time horizon to evaluate investment performance. The pension plan uses external infrastructure managers to invest in commingled funds that hold infrastructure properties. To mitigate investment risk in the infrastructure portfolio, commingled infrastructure funds are used to ensure that holdings are diversified by region, property type, and risk classification. The infrastructure portfolio has \$34,201,373 in unfunded commitments as of December 31, 2017.

Unallocated Insurance Contracts

The Plan has unallocated insurance contracts for retirees who were covered under the Plan in prior years. These contracts remain intact, and no additional contracts have been purchased. The activity related to the allocated insurance contracts for retirees receiving benefits is excluded from the financial statements. The Plan receives minimal income from these allocated insurance contracts.

Actuarial Present Value of Accumulated Plan Benefits

Accumulated plan benefits are those future periodic payments, including lump-sum distributions that are attributable under the Plan's provisions to service rendered by employees as of the valuation date. Accumulated plan benefits include benefits expected to be paid to (1) retired or terminated employees or their beneficiaries, (2) beneficiaries of employees who have died, and (3) present employees or their beneficiaries. The actuarial present value of accumulated plan benefits is determined by an independent actuary and is the amount that results from applying actuarial assumptions to adjust the accumulated plan benefits to reflect the time value of money (through discounts for interest) and the probability of payment (by means of decrements, such as for death, disability, withdrawal, or retirement) between the valuation date and the expected date of payment. Assumptions include, but are not limited to, retirement ages and discount rate.

December 31, 2017 and 2016

Note 2 - Summary of Significant Accounting Policies (Continued)

Actuarial Assumptions

The actuarial present value of accumulated plan benefits is determined by an actuary and is the amount that results from applying actuarial assumptions to adjust the accumulated plan benefits to reflect the time value of money and probability of payment between the valuation date and the expected date of payment.

The significant actuarial assumptions used in the valuation of the Plan at December 31, 2017 and 2016 are summarized as follows:

Actuarial cost method	Projected unit credit
Assumed discount rate	6.00 percent
Mortality basis	During 2017, RP-2014 mortality table with improvements factored to 2006 with no collar adjustments and projected forward on a generational basis using an adjusted version of MP-2017. During 2016, RP-2014 mortality table with improvements factored to 2006 with no collar adjustments and projected forward on a generational basis using an adjusted version of MP-2016.
Average retirement age	64

The foregoing actuarial assumptions are based on the presumption that the Plan will continue. Were the Plan to terminate, different actuarial assumptions and other factors might be applicable in determining the actuarial present value of accumulated plan benefits.

The most significant change in actuarial assumptions between 2016 and 2017 was the change from MP-2016 to MP-2017 in connection with the determination of mortality. The most significant change in actuarial assumptions between 2015 and 2016 was the change from the RP-2000 to a modified RP-2014 mortality table.

Benefit Payments

Benefits payments are recorded when paid.

Administrative and Other Expenses

The Plan makes annual premium payments to the Pension Benefit Guaranty Corporation (the "PBGC"), which guarantees payment of certain retirement benefits in the event the Plan cannot meet its obligations.

The Plan pays investment advisory and management fees and other fees in connection with the maintenance and administration of the Plan and its trust. Personnel and facilities of the Company are provided at no cost to the Plan. An outside firm, Mercer HR Services, LLC (Mercer), performs significant services relative to the Plan including, but are not limited to, administration of plan eligibility, participation, benefit calculations, participant communications, data maintenance and disbursement processing, and provision of personnel to respond to participant inquiries. Fees paid to Mercer for these services have been presented as administrative expenses in the statement of changes in net assets available for benefits.

December 31, 2017 and 2016

Note 2 - Summary of Significant Accounting Policies (Continued)

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities and the actuarial present value of accumulated plan benefits at the date of the financial statements. Actual results could differ from those estimates.

Risks and Uncertainties

Contributions to the Plan and the accumulated plan benefits are reported based on certain assumptions pertaining to interest rates, inflation rates, and employee demographics. Due to the changing nature of these assumptions, it is at least reasonably possible that changes in these assumptions will occur in the near term and, due to the uncertainties inherent in setting assumptions, that the effect of such changes could be material to the financial statements. Investment securities are exposed to various risks, such as interest rate, market, and credit risks. 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 the financial statements.

Subsequent Events

The financial statements and related disclosures include evaluation of events up through and including October 10, 2018, which is the date the financial statements were available to be issued.

Note 3 - Unaudited Information

The Trustee holds the Plan's investments and executes all investment transactions. The investment balances and related investment income and losses included in the accompanying financial statements, supplemental schedule of assets held at end of year, schedule of assets (acquired and disposed of during year), and schedule of reportable transactions are based solely on information certified by the Trustee.

American Electric Power System Retirement Plan

Notes to Financial Statements

December 31, 2017 and 2016

Note 4 - Fair Value Measurements

For a discussion of fair value accounting and the classification of assets within the fair value hierarchy, see the "Fair Value Measurements of Assets" section of Note 2.

Assets Measured at Fair Value on a Recurring Basis at December 31, 2017			
	Investments (at Fair Value)	Level 1	Level 2
Short-term investments	\$ 36,087,627	\$ 451,413	\$ 35,636,214
Equity - Corporate stock	853,743,285	826,791,410	26,951,875
Fixed income:			
U.S. government obligations	1,377,399,111	49,061	1,377,350,050
Corporate obligations	1,545,394,581	-	1,545,394,581
Other investments	71,370,131	-	71,370,131
Collateral held under securities lending:			
Short-term investments	71,089,753	-	71,089,753
Fixed income securities - U.S. government obligations	69,144,313	-	69,144,313
Fixed-income securities - U.S. agency obligations	361,943,185	-	361,943,185
Net assets held in 401(h) account - Fixed income:			
U.S. government obligations	71,640,829	-	71,640,829
Corporate obligations	87,561,244	-	87,561,244
Other investments	9,687,382	-	9,687,382
Total	4,555,061,441	\$ 827,291,884	\$ 3,727,769,557
Investments measured at NAV:			
Other	414,119		
Common/Collective Trusts and Commingled Fund:			
Short-term investments	20,820,583		
Vontobel India Fund	14,870,406		
Mellon Capital All Country World Index Fund	438,373,728		
Partnership/Joint Venture Interests:			
Alternative investments	446,252,831		
Real estate	290,437,396		
Infrastructure	59,563,039		
Net assets held in 401(h) account - Other Common/Collective Trusts and Commingled Fund:	4,102,927		
JPM Long Duration Fund	176,116,915		
Mellon Capital All Country World Index Fund	122,178,188		
Total investments at fair value	\$ 6,128,191,573		

American Electric Power System Retirement Plan

Notes to Financial Statements

December 31, 2017 and 2016

Note 4 - Fair Value Measurements (Continued)

Assets Measured at Fair Value on a Recurring Basis at December 31, 2016			
	Investments (at Fair Value)	Level 1	Level 2
Short-term investments	\$ 14,708,923	\$ -	\$ 14,708,923
Equity - Corporate stock	817,223,397	797,200,788	20,022,609
Fixed Income:			
U.S. government obligations	441,103,385	-	441,103,385
Corporate obligations	2,304,116,871	-	2,304,116,871
Other investments	16,184,774	-	16,184,774
Collateral held under securities lending:			
Short-term investments	36,181,747	-	36,181,747
Fixed-income securities - U.S. government obligations	49,849,188	-	49,849,188
Fixed-income securities - U.S. agency obligations	75,569,541	-	75,569,541
Net assets held in 401(h) account:			
Equities - Corporate stocks - Common	288,646,847	281,327,164	7,319,683
Fixed income - Corporate obligations	21,463	-	21,463
Total	4,043,606,136	<u>\$ 1,078,527,952</u>	<u>\$ 2,965,078,184</u>
Investments measured at NAV:			
Other	15,736		
Common/Collective Trusts and Commingled Funds:			
Short-term investments	14,979,581		
JPM Mortgage Private Placement Fund	32,339,769		
Vontobel India Fund	14,027,208		
Mellon Capital All Country World Index Fund	400,524,292		
Partnership/Joint Venture Interests:			
Alternative investments	443,865,912		
Real estate	254,993,085		
Infrastructure	57,568,983		
Net assets held in 401(h) account - Other	10,371,239		
Common/Collective Trusts and Commingled Funds:			
JPMorgan Long Duration Fund	86,508,189		
Vontobel India Fund	4,997,053		
Total investments at fair value	<u>\$ 5,363,797,183</u>		

The Plan's policy is to recognize transfers between levels of the fair value hierarchy as of the actual date of the event of change in circumstances that caused the transfer.

In 2017, management determined that certain investments (of approximately \$20,000,000) were valued using Level 2 inputs rather than using NAV as a practical expedient for fair value. As a result, these investments are now required to be leveled in the fair value hierarchy. Previously these investments were not leveled. Accordingly, the 2016 disclosure has been updated.

December 31, 2017 and 2016

Note 5 - Securities Lending

The Plan has an agreement with Bank of New York Mellon/BNY Mellon, N.A., which acts as custodian for the Plan's investments and authorizes the bank to lend securities held in the Plan's accounts to third parties. The bank must obtain collateral from the borrower in the form of cash or securities. Both the collateral and the securities loaned are marked-to-market on a daily basis, with additional collateral obtained or refunded as necessary. In the event that the loaned securities are not returned by the borrower, the bank will, at its own expense, either replace the loaned securities or, if unable to purchase those securities on the open market, credit the Plan's accounts with cash equal to the fair value of the loaned securities. All loans are collateralized by at least 102 percent of the loaned asset's market value and the collateral invested.

The Plan receives net revenue derived from all securities lending activities, and pays the Trustee a fee for providing the service. Interest and dividend income reported in the statement of changes in net assets available for benefits includes \$439,157 and \$381,318 earned by the Plan during the years ended December 31, 2017 and 2016, respectively, in conjunction with the securities lending program.

Although the Plan's securities lending activities are collateralized as described above, and although the terms of the securities lending agreement with the custodial bank require the bank to comply with government rules and regulations related to the lending of securities held by ERISA plans, the securities lending program involves both market and credit risk. In this context, market risk refers to the possibility that the borrower of securities will be unable to collateralize the loan upon a sudden material change in the fair value of the loaned securities or the collateral, or that the bank's investment of collateral received from the borrowers of the Plan's securities may be subject to unfavorable market fluctuations. Credit risk refers to the possibility that counterparties involved in the securities lending program may fail to perform in accordance with the terms of their contracts.

At December 31, 2017 and 2016, the fair value of securities loaned was \$492,081,001 and \$159,639,234, respectively, while the collateral held was \$503,830,963 and \$163,356,361, respectively. Collateral received consisted of U.S. government obligations, U.S. agency obligations, and cash totaling \$502,177,251 and \$161,600,476 as of December 31, 2017 and 2016, respectively. The cash collateral totaled \$71,089,753 and \$36,181,747 as of December 31, 2017 and 2016, respectively, and was invested in various pooled investments that hold short-term and fixed-income securities (including repurchase agreements). The noncash collateral received totaled \$431,087,498 and \$125,418,729 as of December 31, 2017 and 2016, respectively. In accordance with accounting standards, the value of the collateral held and a corresponding liability to return the collateral have been reported on the accompanying statement of net assets available for benefits.

December 31, 2017 and 2016

Note 6 - 401(h) Account

The Plan includes a medical benefit (health and welfare) component in addition to the normal retirement benefits to fund a portion of the postretirement obligations for retirees and their beneficiaries in accordance with Section 401(h) of the IRC. A separate account has been established and maintained in the Plan for the net assets related to the health and welfare component (401(h) account). In accordance with IRC Section 401(h), the Plan's investments in the 401(h) account may not be used for, or diverted to, any purpose other than providing health and welfare benefits for retired participants, their spouses, and dependents. The Trustee holds the assets of the 401(h) account.

Any assets transferred to the 401(h) account from the defined benefit pension plan is a qualified transfer of excess pension plan assets (and any respective income) that are not used during the plan year must be transferred out of the account to the pension plan. There were no qualified transfers to the 401(h) account for the years ended December 31, 2017 and 2016.

The related obligations for health and welfare benefits are not included in the Plan's statement of accumulated plan benefits but are reflected as liabilities in the financial statements of the American Electric Power System Comprehensive Medical Plan (the "Medical Plan"), the health and welfare plan that covers plan participants of the 401(h) component. Plan participants do not contribute to the 401(h) account. Employer contributions or qualified transfers to the 401(h) account are determined annually and are at the discretion of the Company.

The 401(h) account is designed to pay 90.5 percent of the retiree medical benefits for eligible plan participants (other than those who are defined as key employees) and their dependents under the Medical Plan starting after June 30, 2018. No account has been established under the Plan for the purpose of paying the remaining 9.5 percent of the health and welfare benefits to those participants and their dependents, although the Company maintains certain trusts in connections with the Medical Plan that may be used for that purpose.

The net assets available for postretirement health and welfare benefits in the 401(h) account as of December 31, 2017 and 2016 and the changes in net assets for the years then ended are as follows:

	2017	2016
Investments:		
Corporate stock	\$ -	\$ 288,646,847
Common/Collective trusts	302,398,030	101,876,481
Corporate and government bonds	159,202,073	21,463
Other investments	9,687,382	-
Accrued income and other receivables	1,925,990	724,608
Fees payable by 401(h) and other	(870,425)	(900,363)
Net assets held in 401(h) account	<u>\$ 472,343,050</u>	<u>\$ 390,369,036</u>
Changes in net assets in 401(h) account:		
Net realized and unrealized gains in fair value of investments	\$ 76,685,197	\$ 14,434,137
Interest and dividend income	6,482,659	5,378,882
Administrative expenses	(1,193,842)	(1,649,860)
Net increase in net assets held in 401(h) account	<u>\$ 81,974,014</u>	<u>\$ 18,163,159</u>

December 31, 2017 and 2016

Note 7 - Derivatives

The Plan has futures contracts with a current notional amount of \$470,000,000 and \$710,000,000 at December 31, 2017 and 2016, respectively. The notional amount represents the contract amount, not the amount at risk. The futures are marked-to-market on a daily basis and are presented within U.S. government obligations on the statement of net assets available for benefits. The net realized and realized gain/loss is recorded in investment income on the statement of changes in net assets available for benefits.

The Plan also holds forward contracts in a loss position with a fair value of \$(1,359,607) at December 31, 2017 and are presented within U.S. government obligations in the statement of net assets available for benefits.

The primary risk managed by the Plan in using interest rate forward and futures contracts is the fluctuation of interest rates on the investments of the Plan. On behalf of the Plan, investment managers entered into interest rate forward contracts, which are agreements to exchange interest rates at a specified future date at a specified rate, the terms of which are not standardized on an exchange. The interest rate contracts are intended to minimize the effect of interest rate fluctuations on the performance of investments. Risk arises from both the possible inability of the counterparties to meet the terms of the contracts (credit risk) and from the movements in foreign currency exchange rates (market risk). The contracts are recorded at fair value on the date the contract is entered into, which is typically zero.

Note 8 - Tax Status

The Plan has received a determination letter from the Internal Revenue Service indicating that the Plan, as designed, is qualified for tax-exempt treatment under the applicable section of the Internal Revenue Code (IRC). Although the Plan has been amended since receiving the determination letter, management believes that the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC.

Note 9 - Plan Termination

The Company expects and intends to continue the Plan indefinitely, but reserves the right to amend or terminate it. If the Plan is terminated, the net assets of the Plan will be distributed to participants in an order of priority determined in accordance with ERISA and its applicable regulations and in the applicable provisions of the plan document. Certain benefits under the Plan are insured by the PBGC if the Plan terminates. Generally, the PBGC guarantees most vested normal age retirement benefits, early retirement benefits, and certain disability and survivor's pensions. However, the PBGC does not guarantee all types of benefits under the Plan and the amount of benefit protection is subject to certain limitations. Vested benefits under the Plan are guaranteed at the level in effect on the date of the Plan's termination, subject to a statutory ceiling on the amount of an individual's monthly benefit.

Whether all participants receive benefits should the Plan be terminated at some future time will depend on the adequacy of the Plan's net assets to provide those benefits, the priority of those benefits to be paid and the level and type of benefits guaranteed by the PBGC at that time. Some benefits may be fully or partially provided by the existing assets and the PBGC guaranty, while other benefits may not be provided for at all.

Notes to Financial Statements**December 31, 2017 and 2016****Note 10 - Reconciliation of the Financial Statements to Form 5500**

The following is a reconciliation of net assets available for benefits per the financial statements at December 31, 2017 and 2016 to Form 5500:

	<u>2017</u>	<u>2016</u>
Net assets available for benefits per the financial statements	\$ 5,176,093,659	\$ 4,823,900,269
Net assets held in 401(h) account included as assets in Form 5500	<u>472,343,050</u>	<u>390,369,036</u>
Net assets available for benefits per Form 5500	<u><u>\$ 5,648,436,709</u></u>	<u><u>\$ 5,214,269,305</u></u>

The following is a reconciliation of the statement of changes in net assets available for pension benefits to the Form 5500 for the years ended December 31, 2017 and 2016 to Form 5500:

	<u>2017</u>	<u>2016</u>
Net increase in net assets available for benefits per the financial statements	\$ 352,193,390	\$ 65,102,092
Net investment gain from 401(h) account	83,167,856	19,813,019
Administrative expenses related to 401(h) account	<u>(1,193,842)</u>	<u>(1,649,860)</u>
Net increase in net assets available for benefits per Form 5500	<u><u>\$ 434,167,404</u></u>	<u><u>\$ 83,265,251</u></u>

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26 Schedule of Active Participant Data as of January 1, 2017

Attained Age	Years Of Credited Service														
	Under 1			1 to 4			5 to 9			10 to 14			15 to 19		
	No.	Average		No.	Average		No.	Average		No.	Average		No.	Average	
		Comp.	Cash Bal.		Comp.	Cash Bal.		Comp.	Cash Bal.		Comp.	Cash Bal.		Comp.	Cash Bal.
Under 25				263	63,765	3,867	2								
25 to 29				702	69,545	5,413	287	81,494	16,382	13					
30 to 34				627	75,784	6,936	633	87,665	23,206	343	90,807	34,237	5		
35 to 39				442	75,710	7,271	559	88,471	26,959	551	96,115	42,277	214	100,808	60,189
40 to 44				311	79,351	9,520	459	90,883	32,179	505	95,099	49,263	370	102,283	72,256
45 to 49				268	87,468	11,053	341	93,571	38,470	377	98,763	58,917	380	112,323	89,208
50 to 54				173	88,076	12,632	234	89,418	41,557	276	101,600	67,874	347	105,762	99,482
55 to 59				148	88,634	13,546	169	88,684	44,888	214	101,380	76,264	235	105,142	113,114
60 to 64				89	83,837	13,260	93	85,190	47,921	104	107,433	92,099	118	113,397	133,670
65 to 69				20	85,140	17,027	32	87,066	53,409	30	94,502	89,273	27	87,618	118,404
70 & Over				4			4			4			10		

Plan Name: American Electric Power System Retirement Plan
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 Plan Sponsor: American Electric Power Co.
 Valuation Date: January 1, 2017

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26
Schedule of Active Participant Data as of January 1, 2017

Attained Age	Years Of Credited Service														
	20 to 24			25 to 29			30 to 34			35 to 39			40 & up		
	Average		No.	Average		No.	Average		No.	Average		No.	Average		No.
	Comp.	Cash Bal.		Comp.	Cash Bal.		Comp.	Cash Bal.		Comp.	Cash Bal.		Comp.	Cash Bal.	
Under 25															
25 to 29															
30 to 34															
35 to 39	2														
40 to 44	112	110,252	95,557	3											
45 to 49	291	108,791	118,368	252	115,620	148,722	10								
50 to 54	279	100,251	130,097	674	112,471	171,899	626	109,029	197,774	75	102,667	216,274	1		
55 to 59	227	102,088	145,542	457	103,864	184,412	888	115,297	232,419	1,124	106,357	258,199	50	98,791	265,759
60 to 64	90	93,609	156,755	222	98,095	202,648	327	108,754	263,633	662	113,088	308,677	280	108,336	325,649
65 to 69	16			34	93,178	206,088	41	104,386	274,324	69	108,101	341,888	87	114,913	434,723
70 & Over	1			6			1			2			7		

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SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Statement of Actuarial Assumptions/Methods

Economic Assumptions

Interest rate basis:

- Applicable month (published) October 2016
- Yield curve basis Segment rates

Funding interest rates:

	Reflecting Corridors	Not Reflecting Corridors
■ First segment rate	4.16%	1.52%
■ Second segment rate	5.72%	3.78%
■ Third segment rate	6.48%	4.76%
■ Effective interest rate	5.80%	3.94%

Annual rates of increase

■ Compensation:		
— Representative rates	<i>Age</i>	<i>Rate</i>
	< 26	12.00%
	26 – 30	8.50%
	31 – 35	7.00%
	36 – 40	6.00%
	41 – 45	5.00%
	46 – 50	4.00%
	> 50	3.50%
— Weighted average		4.80%

- Cash balance crediting rate 4.00%
- Lump sum/annuity conversion rate October 2016 segment rates
- Future Social Security wage bases 4.00%
- Statutory limits on compensation N/A
- Expected rate of return on assets for prior year 6.00% but not greater than the third segment rate

Plan Name: American Electric Power System Retirement Plan
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SCHEDULE SB ATTACHMENTS

Demographic Assumptions

Inclusion Date The valuation date coincident with or next following the date on which the employee becomes a participant.

New or rehired employees It was assumed there will be no new or rehired employees.

Mortality

■ Healthy Separate rates for non-annuitants (based on RP-2000 "Employees" table without collar or amount adjustments, projected to 2032 using Scale AA and annuitants (based on RP-2000 "Healthy Annuitants" table without collar or amount adjustments, projected to 2024 using Scale AA.

■ Disabled Post-1994 current liability disabled

■ Lump sum/annuity conversion Applicable 417(e) IRS Mortality Table

Termination Rates varying by age and service:

Percentage leaving during the year		
Attained Age	Less than five years of service	Five or more years of service
< 25	8.00%	7.30%
25 – 29	8.00%	5.00%
30 – 34	8.00%	4.20%
35 – 39	8.00%	3.40%
40 – 44	8.00%	2.50%
45 – 49	8.00%	1.90%
50 +	8.00%	1.70%

Disability Rates apply to employees not eligible to retire and vary by age and sex as indicated by the following sample values:

Percentage becoming disabled during the year		
Age	Male	Female
20	0.060%	0.090%
30	0.060%	0.090%
40	0.074%	0.110%
50	0.178%	0.267%
60	0.690%	1.035%

Plan Name: American Electric Power System Retirement Plan

EIN / PN: 13-4922641 / 001

Plan Sponsor: American Electric Power Co.

Valuation Date: January 1, 2017

SCHEDULE SB ATTACHMENTS

Retirement

Rates varying by age; average retirement age 64:

Percentage retiring during the year	
Age	Rate
55 – 57	1.00%
58 – 60	6.00%
61 – 63	16.00%
64 – 69	13.00%
70 +	100.00%

Benefit commencement date:

- Preretirement death benefit The later of the death of the active participant or the date the participant would have attained age 55.
- Deferred vested benefit (active participants) The later of age 55 or termination of employment.
- Deferred vested benefit (current deferred vested) The later of age 65 or current age
- Disability benefit Upon disablement.
- Retirement benefit Upon termination of employment.

Form of payment 40% lump sum; 60% annuity for retirement eligible East grandfathered participants and 75% lump sum; 25% annuity for all other participants. Married participants are assumed to elect the 50% joint and survivor annuity and unmarried participants are assumed to elect the single life annuity. No other optional form of payment election is assumed.

Percent married 80% of male participants; 70% of female participants.

Spouse ages Wives are assumed to be three years younger than husbands.

Valuation pay 2017 base salary pay (Grandfathered) – not estimated due to freeze of final average pay accruals at December 31, 2010.

2017 expanded pay (Cash Balance) – sum of the following updated one year according to the salary increase assumption:

- (i) 2017 base salary
- (ii) a 15% increase for overtime eligible employees and a target bonus percent increase for incentive-eligible employees

Plan Name: American Electric Power System Retirement Plan
 EIN / PN: 13-4922641 / 001
 Plan Sponsor: American Electric Power Co.
 Valuation Date: January 1, 2017

SCHEDULE SB ATTACHMENTS

At-risk assumptions	If at-risk calculations are required, all participants eligible to elect benefits during the current and subsequent ten plan years are assumed to commence benefits at the earliest possible date under the plan, but not before the end of the current plan year, except in accordance with the regular valuation assumptions. In addition, all participants (not just those eligible to begin benefits within the next 11 years) are assumed to elect the most valuable form of benefit under the plan, which is usually a joint and survivor form of payment.
Timing of benefit payments	Annuity payments are payable monthly at the beginning of the month and lump sum payments are payable on date of decrement.

Methods

Valuation date	First day of plan year.
Funding target	Present value of accrued benefits.
Target normal cost	Present value of benefits expected to accrue during plan year plus plan-related expenses expected to be paid from the trust (based on actual trust expenses paid in previous year, adjusted by the difference between the prior and expected current year PBGC premiums).
Actuarial value of assets	Average of the fair market value of assets on the valuation date and the six immediately preceding months, adjusted for contributions, benefit/expense payments and expected investment returns. The average asset value must be within 10% of fair value, including contributing receivable. The method of computing the actuarial value of assets complies with rules governing the calculation of such values under PPA. These rules produce smoothed values that reflect the underlying market value of plan assets but fluctuate less than the market value. As a result, the actuarial value of assets will be lower than the market value in some years and greater in other years. However, over the long term under PPA's smoothing rules, the method has a bias to produce an actuarial value of assets that is below the market value of assets.
Benefits Not Valued	All benefits were valued except: – Any liabilities that may be reinstated in the event of reemployment – The alternate benefit formula for members who did not elect to withdraw their employee contributions – Any liabilities relating to members' unwithdrawn employee contributions – Liabilities related to special benefits as a result of termination due to downsizing and restructuring

Plan Name: American Electric Power System Retirement Plan
EIN / PN: 13-4922641 / 001
Plan Sponsor: American Electric Power Co.
Valuation Date: January 1, 2017

SCHEDULE SB ATTACHMENTS

Data Sources

Willis Towers Watson used participant and asset data as of January 1, 2017, supplied by Mercer, the third party administrator for AEP. Data were reviewed for reasonableness and consistency, but no audit was performed. Based on discussions with the plan sponsor, assumptions or estimates were made when data were not available, and the data was adjusted to reflect any significant events that occurred between the date the data was collected and the measurement date. To the extent that data were not provided, estimates were made based on prior year information.

The Company also provided the amounts recognized in accumulated other comprehensive income as of the end of the December 31, 2016 fiscal year and amounts recognized in other comprehensive income in the December 31, 2016 fiscal year.

Assumptions Rationale - Significant Economic Assumptions for Contributions

Discount rate	The basis chosen was selected by the plan sponsor from among choices prescribed by law, all of which are based on observed market data over certain periods of time.
Cash Balance Interest crediting rate	The plan credits interest to cash balance accounts using the 30-year Treasury rate for the September of the preceding year with a minimum rate of 4.00%. The assumption is based on the plan sponsor's long-term expectations of yields on U.S. Treasuries. We believe that the selected assumption does not significantly conflict with what would be reasonable based on market conditions at the measurement date.
Lump sum conversion rate	As required by IRC 430, lump sum benefits are valued using "annuity substitution", so that the interest rates assumed are effectively the same as described above for the discount rate.
Rates of increase in:	
■ Compensation	Rates of increase in compensation were based on an experience study conducted in 2014, with annual consideration of whether any conditions have changed that would be expected to produce different results in the future.
■ National average wages (NAW) (e.g., Social Security wage bases)	The assumed NAW is based on assumed CPI as shown below, plus assumed increases in real wages (the portion of GDP increases that becomes part of wages). Such assumed future increases in real wages are based on a combination of historical averages and an expectation that the future rates will be lower (higher) than historical averages.
■ Increases in statutory limits (CPI)	The assumed CPI is based on a combination of historical average CPI, current conditions and an assumed progression from recently experienced CPI to the long-term expected level. The final assumption represents a composite of current rates and long term expected rates.

Plan Name: American Electric Power System Retirement Plan
EIN / PN: 13-4922641 / 001
Plan Sponsor: American Electric Power Co.
Valuation Date: January 1, 2017

SCHEDULE SB ATTACHMENTS

Assumptions Rationale - Significant Demographic Assumptions

Mortality	Assumptions used for contribution purposes are as prescribed by IRC §430(h).
Termination	Termination rates are based on an experience study conducted in 2014, with annual consideration of whether any conditions have changed that would be expected to produce different results in the future. Assumed termination rates differ by service because of observed differences in termination rates between employees who have attained at least five years of service and those with less than five years of service.
Retirement	Retirement rates are based on an experience study conducted in 2014, with annual consideration of whether any conditions have changed that would be expected to produce different results in the future.
Form of payment	Rates at which retirees elect lump sums versus annuities are based on an experience study conducted in 2014, with annual consideration of whether any conditions have changed that would be expected to produce different results in the future.

Source of Prescribed Methods

Funding methods	The methods used for funding purposes as described in Appendix A, including the method of determining plan assets, are "prescribed methods set by law", as defined in the actuarial standards of practice (ASOPs). These methods are required by IRC §430, or were selected by the plan sponsor from a range of methods permitted by IRC §430.
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Plan Name: American Electric Power System Retirement Plan
EIN / PN: 13-4922641 / 001
Plan Sponsor: American Electric Power Co.
Valuation Date: January 1, 2017

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2017 This Form is Open to Public Inspection
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Part I Annual Report Identification Information	
For calendar plan year 2017 or fiscal plan year beginning <u>01/01/2017</u> and ending <u>12/31/2017</u>	
A This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____
B This return/report is:	☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C If the plan is a collectively-bargained plan, check here.	☒
D Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)

Part II Basic Plan Information—enter all requested information	
1a Name of plan AMERICAN ELECTRIC POWER SYSTEM RETIREMENT PLAN	1b Three-digit plan number (PN) ▶ <u>001</u> 1c Effective date of plan <u>12/01/1940</u>
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) AMERICAN ELECTRIC POWER SERVICE CORPORATION 1 RIVERSIDE PLAZA COLUMBUS OH 43215	2b Employer Identification Number (EIN) <u>13-4922641</u> 2c Plan Sponsor's telephone number <u>614-716-1000</u> 2d Business code (see instructions) <u>221100</u>

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE		<u>10/10/18</u>	LONNI L. DIECK
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Form 5500 (2017)
v. 170203

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name	4b EIN 4d PN
5 Total number of participants at the beginning of the plan year	5 36,002
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1), 6a(2), 6b, 6c, and 6d).	
a(1) Total number of active participants at the beginning of the plan year	6a(1) 16,899
a(2) Total number of active participants at the end of the plan year	6a(2) 16,796
b Retired or separated participants receiving benefits.....	6b 11,708
c Other retired or separated participants entitled to future benefits.....	6c 3,596
d Subtotal. Add lines 6a(2), 6b, and 6c.....	6d 32,100
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	6e 3,547
f Total. Add lines 6d and 6e.....	6f 35,647
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	6g
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	6h 79
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 1A 1C 1E 3F 3H	
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:	

9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
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10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

- (1) ☒ **R** (Retirement Plan Information)
- (2) ☐ **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- (3) ☒ **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

- (1) ☒ **H** (Financial Information)
- (2) ☐ **I** (Financial Information - Small Plan)
- (3) ☐ **A** (Insurance Information)
- (4) ☒ **C** (Service Provider Information)
- (5) ☒ **D** (DFE/Participating Plan Information)
- (6) ☐ **G** (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2017 Form M-1 annual report. If the plan was not required to file the 2017 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

American Electric Power System Retirement Plan

Schedule of Reportable Transactions

Form 5500, Schedule H, Line 4j
 EIN 13-4922641, Plan No. 001
 Year Ended December 31, 2017

(a) Identity of Party Involved	(b) Description of Asset	(c) Purchase Price	(d) Selling Price	(g) Cost of Asset	(h) Current Value of Asset on Transaction Date	(i) Net Gain
Category (iii) - A series of transactions with respect to securities of the same issue that amount in the aggregate to more than 5 percent of the beginning value of the total plan assets:						
Bank of New York Mellon	U.S. Treasury Bill - 0.00% 5/11/17 DD 11/10/16: Purchases 7 Sales 9	\$ 243,051,176 -	\$ - 243,056,271	\$ - 243,051,176	\$ - 243,056,271	\$ - 5,095
Bank of New York Mellon	U.S. Treasury Bill - 2.25% 2/15/27 DD 2/15/17: Purchases 201 Sales 75	378,075,208 -	- 371,789,749	- 371,328,895	- 371,786,749	- 457,854
Bank of New York Mellon	U.S. Treasury Bill - 1.875% 3/31/22 DD 3/31/17: Purchases 115 Sales 24	355,808,707 -	- 251,453,592	- 251,453,592	- 251,883,966	- 430,374
Bank of New York Mellon	American Electric Power Prop - VAR RT 12/31/49: Purchases 1186 Sales 845	1,501,921,231 -	- 1,476,702,651	- 1,476,702,651	- 1,476,702,651	- -

There were no Category (i), (ii), or (iv) reportable transactions during the year.

SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500 or 5500-SF.	OMB No. 1210-0110 2017 This Form is Open to Public Inspection
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For calendar plan year 2017 or fiscal plan year beginning 01/01/2017 and ending 12/31/2017

► **Round off amounts to nearest dollar.**

► **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan American Electric Power System Retirement Plan	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF American Electric Power Service Corporation	D Employer Identification Number (EIN) 13-4922641	

E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500
---	---

Part I Basic Information			
1	Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2017</u>		
2	Assets:		
	a Market value.....	2a	4,831,883,160
	b Actuarial value.....	2b	4,959,332,851
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target
	a For retired participants and beneficiaries receiving payment.....	15,460	2,213,269,675
	b For terminated vested participants.....	3,643	215,748,048
	c For active participants.....	16,899	1,664,687,839
	d Total.....	36,002	4,093,705,562
4	If the plan is in at-risk status, check the box and complete lines (a) and (b)..... ☐		
	a Funding target disregarding prescribed at-risk assumptions.....	4a	
	b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor.....	4b	
5	Effective interest rate.....	5	5.80%
6	Target normal cost.....	6	88,460,077

Statement by Enrolled Actuary
 To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE	 Joseph A. Perko Signature of actuary Type or print name of actuary Towers Watson Delaware Inc. Firm name 1001 Lakeside Avenue, Suite 1500 Cleveland OH 44114-1172 Address of the firm	 Date 1706491 Most recent enrollment number 216-937-4000 Telephone number (including area code)
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If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions ☐

Part II Beginning of Year Carryover and Prefunding Balances

	(a) Carryover balance	(b) Prefunding balance
7 Balance at beginning of prior year after applicable adjustments (line 13 from prior year).....	161,239,527	571,474,177
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year).....	0	0
9 Amount remaining (line 7 minus line 8).....	161,239,527	571,474,177
10 Interest on line 9 using prior year's actual return of <u>7.06%</u>	11,383,511	40,346,077
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year).....		83,611,951
b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.95%</u>		4,974,911
b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return.....		0
c Total available at beginning of current plan year to add to prefunding balance.....		88,586,862
d Portion of (c) to be added to prefunding balance.....		0
12 Other reductions in balances due to elections or deemed elections.....	20,416,223	0
13 Balance at beginning of current year (line 9 + line 10 + line 11d – line 12).....	152,206,815	611,820,254

Part III Funding Percentages

14 Funding target attainment percentage.....	14	102.15%
15 Adjusted funding target attainment percentage.....	15	120.75%
16 Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement.....	16	105.98%
17 If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.....	17	%

Part IV Contributions and Liquidity Shortfalls**18** Contributions made to the plan for the plan year by employer(s) and employees:

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
Totals ▶			18(b)	0	18(c) 0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:

a Contributions allocated toward unpaid minimum required contributions from prior years.....	19a	0
b Contributions made to avoid restrictions adjusted to valuation date.....	19b	0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date.....	19c	0

20 Quarterly contributions and liquidity shortfalls:

- a** Did the plan have a "funding shortfall" for the prior year? ☐ Yes ☒ No
- b** If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☐ Yes ☐ No
- c** If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year

(1) 1st	(2) 2nd	(3) 3rd	(4) 4th

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:				
a Segment rates:				
1st segment:	2nd segment:	3rd segment:	☐ N/A, full yield curve used	
4.16 %	5.72 %	6.48 %		
b Applicable month (enter code).....			21b	3
22 Weighted average retirement age			22	64
23 Mortality table(s) (see instructions) ☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute				

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.		☐ Yes ☒ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.		☐ Yes ☒ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.		☒ Yes ☐ No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment	27	

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	28	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	29	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6)		31a	88,460,077
b Excess assets, if applicable, but not greater than line 31a		31b	88,460,077
32 Amortization installments:		Outstanding Balance Installment	
a Net shortfall amortization installment		0	0
b Waiver amortization installment		0	0
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount		33	0
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)		34	0
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	0	0
36 Additional cash requirement (line 34 minus line 35)		36	0
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)		37	0
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)		38a	0
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances		38b	0
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)		39	0
40 Unpaid minimum required contributions for all years		40	0

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:			
a Schedule elected			
☐ 2 plus 7 years ☐ 15 years			
b Eligible plan year(s) for which the election in line 41a was made			
☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011			
42 Amount of acceleration adjustment		42	
43 Excess installment acceleration amount to be carried over to future plan years		43	

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 22
Description of Weighted Average Retirement Age
as of January 1, 2017

See Appendix A for retirement rates. The average retirement age for Line 22 was calculated by determining the average age at retirement for those current active participants expected to reach retirement, based on all current decrements assumed.

Retirement Age	Assumed Rate	Participants at Beginning	Participants Retiring: (2)x(3)	Weighted Value (1)x(4)
(1)	(2)	(3)	(4)	(5)
55	0.01	1000	10.00	550.00
56	0.01	990	9.90	554.40
57	0.01	980	9.80	558.66
58	0.06	970	58.22	3,376.64
59	0.06	912	54.72	3,228.77
60	0.06	857	51.44	3,086.48
61	0.16	806	128.95	7,865.73
62	0.16	677	108.31	6,715.53
63	0.16	569	90.98	5,732.03
64	0.13	478	62.10	3,974.21
65	0.13	416	54.02	3,511.58
66	0.13	362	47.00	3,102.08
67	0.13	315	40.89	2,739.70
68	0.13	274	35.58	2,419.11
69	0.13	238	30.95	2,135.58
70	1	207	<u>207.13</u>	<u>14,499.08</u>
			1,000.00	64,049.57

$$64,049.57 / 1,000 = 64$$

Plan Name: American Electric Power System Retirement Plan
EIN / PN: 13-4922641 / 001
Plan Sponsor: American Electric Power Co.
Valuation Date: January 1, 2017

AMERICAN ELECTRIC POWER SYSTEM RETIREMENT PLAN
FORM 5500 SCHEDULE H, PART IV, LINE 4i - SCHEDULE OF ASSETS (ACQUIRED AND DISPOSED OF WITHIN YEAR)
DECEMBER 31, 2017

SHARES	SECURITY DESCRIPTION	COST	PROCEEDS
95	90DAY EURODOLLAR FUTURE (CME) EXP SEP 17	-	475
190	90DAY EURODOLLAR FUTURE (CME) EXP SEP 18	-	74,250
1,595,000	ABU DHABI GOVERNMENT INTE 144A 2.500% 10/11/2022 DD 10/11/17	1,589,721	1,577,920
775,000	ACTAVIS FUNDING SCS 2.350% 03/12/2018 DD 03/12/15	778,705	778,581
1,060,000	AETNA INC 3.200% 06/15/2026 DD 06/09/16	1,049,400	1,070,600
2,315,000	ALIMENTATION COUCHE-TARD 144A 2.700% 07/26/2022 DD 07/26/17	2,312,847	2,322,757
35,886	ALLIED IRISH BANKS PLC	215,893	220,435
2,425,000	AMERICAN HONDA FINANCE CORP 2.900% 02/16/2024 DD 02/16/17	2,409,795	2,424,054
433,000	AMGEN INC 4.563% 06/15/2048 DD 12/15/16	445,341	419,789
1,365,000	AMGEN INC 2.200% 05/11/2020 DD 05/11/17	1,364,249	1,374,633
713,321	ANHEUSER-BUSCH INBEV WORL 144A 4.439% 10/06/2048 DD 04/06/17	721,824	726,428
1,375,000	ANTHEM INC 3.350% 12/01/2024 DD 11/21/17	1,374,560	1,386,811
580,000	APPLE INC 3.250% 02/23/2026 DD 02/23/16	597,011	595,875
1,625,000	APPLE INC 4.250% 02/09/2047 DD 02/09/17	1,621,718	1,677,813
1,440,000	APPLE INC 3.350% 02/09/2027 DD 02/09/17	1,440,000	1,471,622
2,430,000	APPLE INC 2.850% 05/11/2024 DD 05/11/17	2,438,639	2,451,311
645,000	APPLE INC 3.000% 06/20/2027 DD 06/20/17	643,510	647,993
2,765,000	ASIAN DEVELOPMENT BANK 1.625% 05/05/2020 DD 05/05/17	2,758,806	2,766,825
1,575,000	BANK OF AMERICA CORP VAR RT 01/20/2023 DD 01/20/17	1,596,798	1,598,720
830,000	BANK OF AMERICA CORP VAR RT 01/20/2028 DD 01/20/17	849,455	863,059
1,275,000	BANK OF AMERICA CORP VAR RT 04/24/2023 DD 04/24/17	1,285,430	1,283,708
2,615,000	BANK OF AMERICA CORP VAR RT 10/01/2021 DD 09/18/17	2,614,866	2,607,718
945,000	BANK OF MONTREAL VAR RT 12/15/2032 DD 12/12/17	945,000	934,936
1,110,000	BIOGEN INC 2.900% 09/15/2020 DD 09/15/15	1,135,386	1,135,852
1,185,000	BNP PARIBAS SA 144A 3.800% 01/10/2024 DD 01/10/17	1,181,398	1,186,908
1,000,000	BRANCH BANKING & TRUST CO 2.100% 01/15/2020 DD 01/26/17	1,006,070	1,006,840
1,080,000	BRIGHTHOUSE FINANCIAL INC 144A 4.700% 06/22/2047 DD 06/22/17	1,072,613	1,061,402
610,000	BROADCOM CORP / BROADCOM 144A 3.625% 01/15/2024 DD 01/19/17	609,366	620,931
1,845,000	BROADCOM CORP / BROADCOM 144A 3.875% 01/15/2027 DD 01/19/17	1,836,845	1,891,699
265,000	BROOKFIELD FINANCE INC 4.700% 09/20/2047 DD 09/14/17	266,306	270,887
1,390,000	BURLINGTON NORTHERN SANTA FE L 4.125% 06/15/2047 DD 03/09/17	1,374,112	1,468,327
1,435,000	CALIFORNIA ST VAR RT 04/01/2047 DD 04/27/17	1,435,000	1,438,372
2,180,000	CELGENE CORP 3.450% 11/15/2027 DD 11/09/17	2,176,686	2,177,798
2,025,000	CENOVUS ENERGY INC 144A 4.250% 04/15/2027 DD 04/07/17	2,024,656	2,026,094
3,520,000	CHARTER COMMUNICATIONS OP 144A 4.200% 03/15/2028 DD 09/18/17	3,511,446	3,559,586
1,000,000	CINTAS CORP NO 2 3.700% 04/01/2027 DD 03/14/17	996,160	1,032,800
4,407,000	CISCO SYSTEMS INC 2.200% 09/20/2023 DD 09/20/16	4,252,535	4,313,880
735,000	CITIZENS BANK NA/PROVIDENCE RI 2.250% 03/02/2020 DD 03/02/17	734,302	732,767
910,000	CITIZENS BANK NA/PROVIDENCE RI 2.200% 05/26/2020 DD 05/26/17	909,163	909,026
1,485,000	COLOMBIA GOVERNMENT INTERNATIO 3.875% 04/25/2027 DD 01/25/17	1,491,772	1,528,140
990,000	COMCAST CORP 3.150% 02/15/2028 DD 08/07/17	989,376	981,545
301	COMCAST CORP 144A 3.969% 11/01/2047 DD 10/19/17	306	301
1,019	COMCAST CORP 144A 3.999% 11/01/2049 DD 10/19/17	1,025	1,019
400	COMCAST CORP 144A 4.049% 11/01/2052 DD 10/19/17	414	400
1,345,000	COMPASS BANK 2.875% 06/29/2022 DD 06/29/17	1,342,990	1,336,367
795,000	COOPERATIEVE RABOBANK UA/NY 2.750% 01/10/2022 DD 01/10/17	793,450	793,005
1,920,000	COSTCO WHOLESALE CORP 2.150% 05/18/2021 DD 05/18/17	1,916,640	1,931,309
1,550,000	COSTCO WHOLESALE CORP 2.300% 05/18/2022 DD 05/18/17	1,558,479	1,556,763
880,000	CREDIT AGRICOLE SA/LONDON 144A 4.125% 01/10/2027 DD 01/10/17	875,582	877,158
905,000	CREDIT SUISSE GROUP AG 144A 4.282% 01/09/2028 DD 01/09/17	905,000	944,748
350,000	DAIMLER FINANCE NORTH AME 144A 2.300% 01/06/2020 DD 01/06/17	349,839	352,200
1,380,000	DAIMLER FINANCE NORTH AME 144A 3.450% 01/06/2027 DD 01/06/17	1,374,452	1,400,824
152,000	DISCOVERY COMMUNICATIONS LLC 3.450% 03/15/2025 DD 03/02/15	149,074	150,265
705,000	EMERA US FINANCE LP 2.700% 06/15/2021 DD 12/15/16	705,198	704,540
165,000	EMERA US FINANCE LP 3.550% 06/15/2026 DD 12/15/16	164,546	166,068
4,855,000	ENBRIDGE INC 2.900% 07/15/2022 DD 07/07/17	4,850,922	4,882,814

780,000	ENTERPRISE FLEET FIN 1 A2 144A 2.130% 07/20/2022 DD 01/31/17	779,979	780,366
1,140,000	GREAT PLAINS ENERGY INC 2.500% 03/09/2020 DD 03/09/17	1,139,111	1,149,022
2,500,000	GREAT PLAINS ENERGY INC 3.150% 04/01/2022 DD 03/09/17	2,498,100	2,538,500
1,650,000	GS MORTGAGE SECURITIES GS5 A4 3.674% 03/10/2050 DD 03/01/17	1,699,478	1,737,721
2,105,000	HEINEKEN NV 144A 3.500% 01/29/2028 DD 03/29/17	2,091,360	2,133,102
955,000	HOSPITALITY PROPERTIES TRUST 4.950% 02/15/2027 DD 01/13/17	945,011	964,264
7,505,000	JPMORGAN CHASE & CO VAR RT 02/01/2028 DD 02/01/17	7,517,328	7,658,283
1,660,000	JPMORGAN CHASE & CO VAR RT 04/25/2023 DD 04/25/17	1,672,417	1,668,976
875,000	KUWAIT INTERNATIONAL GOVE 144A 3.500% 03/20/2027 DD 03/20/17	866,478	898,015
875,000	KUWAIT INTERNATIONAL GOVE 144A 2.750% 03/20/2022 DD 03/20/17	869,453	886,375
840,000	LOS ANGELES CA UNIF SCH DIST 6.758% 07/01/2034 DD 03/04/10	1,131,203	1,162,476
1,500,000	MEXICO GOVERNMENT INTERNATIONAL 4.150% 03/28/2027 DD 03/28/17	1,544,700	1,558,333
3,765,000	MICROSOFT CORP 1.850% 02/06/2020 DD 02/06/17	3,786,536	3,780,851
2,695,000	MICROSOFT CORP 3.300% 02/06/2027 DD 02/06/17	2,697,269	2,772,433
1,750,000	MYLAN NV 5.250% 06/15/2046 DD 12/15/16	1,804,495	1,892,133
2,350,000	NISSAN MOTOR ACCEPTANCE C 144A 2.150% 07/13/2020 DD 07/13/17	2,348,379	2,354,959
705,000	NOVARTIS CAPITAL CORP 1.800% 02/14/2020 DD 02/17/17	702,382	705,458
13,402	NOVUS HOLDINGS LTD	6,062	6,122
705,000	PACIFIC LIFECORP 144A 5.125% 01/30/2043 DD 01/22/13	786,586	776,184
1,210,000	PARKER-HANNIFIN CORP 144A 3.250% 03/01/2027 DD 02/24/17	1,208,863	1,205,366
350,000	PARKER-HANNIFIN CORP 144A 4.100% 03/01/2047 DD 02/24/17	348,558	353,507
905,000	PNC BANK NA 2.625% 02/17/2022 DD 02/17/17	904,575	912,828
1,800,000	QATAR GOVERNMENT INTERNAT 144A 5.250% 01/20/2020	1,881,000	1,896,058
745,000	QUALCOMM INC 1.850% 05/20/2019 DD 05/26/17	744,657	748,583
32,391,549	ROLLS ROYCE HLDGS C SHS ENTITLEMENT (JUL 2017	41,772	41,864
18,301,836	ROLLS-ROYCE HOLDINGS PLC	23,099	22,546
275,000	SABINE PASS LIQUEFACTION LLC VAR RT 02/01/2021 DD 02/01/14	297,000	298,007
1,750,000	SIEMENS FINANCIERINGSMAAT 144A 3.125% 03/16/2024 DD 03/16/17	1,748,145	1,763,398
1,305,000	SUMITOMO MITSUI FINANCIAL GROU 2.778% 10/18/2022 DD 10/18/17	1,305,000	1,308,060
124,500	TAHOE RESOURCES INC	1,104,079	650,598
34,562	TECHNIPFMC PLC	1,270,275	1,155,189
1,855,000	TELUS CORP 3.700% 09/15/2027 DD 03/06/17	1,853,052	1,863,106
615,000	TORONTO-DOMINION BANK/THE 1.850% 09/11/2020 DD 09/12/17	614,305	612,675
12,685,000	U S TREASURY NOTE FWD 2.000% 08/15/2025 DD 08/15/15	(12,594,695)	(12,526,438)
12,685,000	U S TREASURY NOTE FWD 2.000% 08/15/2025 DD 08/15/15	(12,552,143)	(12,395,623)
1,435,000	UBS GROUP FUNDING SWITZER 144A 3.491% 05/23/2023 DD 03/23/17	1,439,700	1,471,397
1,380,000	UBS GROUP FUNDING SWITZER 144A 4.253% 03/23/2028 DD 03/23/17	1,380,000	1,412,540
1,159	US 10 YR TREAS NTS FUTURE(CBT) EXP JUN 17	-	(655,613)
391	US 10 YR TREAS NTS FUTURE(CBT) EXP SEP 17	-	257,985
176	US 10YR NOTE FUT (CBT) MAR 17 CALL FEB 17 126.000 ED 012717	(19,250)	(2,750)
176	US 10YR TREAS NTS FUT MAR 17 CALL FEB 17 125.000 ED 1/27/17	52,250	29,625
183	US 10YR TREAS NTS FUTURE (CBT) EXP DEC 17	-	116,260
167	US 10YR ULTRA FUTURE (CBT) EXP JUN 17	-	31,890
81	US 10YR ULTRA FUTURE (CBT) EXP SEP 17	-	70,934
239	US 10YR ULTRA FUTURE (CBT) EXP DEC 17	-	(226,951)
133	US 2YR NOTE FUTURE (CBT) EXP DEC 17	-	(170,886)
76	US 2YR TREAS NTS FUT (CBT) EXP JUN 17	-	201,539
231	US 2YR TREAS NTS FUT (CBT) EXP SEP 17	-	(107,105)
715	US 5 YEAR NOTE FUTURE (CBT) EXP DEC 17	-	(212,394)
374	US 5YR TREAS NTS FUTURE (CBT) EXP JUN 17	-	115,231
21	US 5YR TREAS NTS FUTURE (CBT) EXP SEP 17	-	192,186
1,675,000	US BANK NA/CINCINNATI OH 2.000% 01/24/2020 DD 01/24/17	1,689,573	1,685,603
11,873,978	US TIPS FWD 05/31/2017 FWD 0.375% 07/15/2025 DD 07/15/15	11,841,903	11,907,373
11,908,281	US TIPS FWD 06/30/2017 FWD 0.375% 07/15/2025 DD 07/15/15	11,913,859	11,915,724
11,930,111	US TIPS FWD 08/31/2017 FWD 0.375% 07/15/2025 DD 07/15/15	11,899,837	11,987,897
11,922,719	US TIPS FWD 09/29/2017 FWD 0.375% 07/15/2025 DD 07/15/15	11,995,971	12,027,042
255	US TREAS BD FUTURE (CBT) EXP JUN 17	-	(538,138)
326	US TREAS BD FUTURE (CBT) EXP SEP 17	-	(1,084,983)
458	US TREAS BD FUTURE (CBT) EXP DEC 17	-	(214,576)
12,014,426	US TREAS INFLAT NOTES FWD 0.375% 07/15/2025 DD 07/15/15	11,991,396	11,931,826
14,354,859	US TREAS INFLAT NOTES FWD 0.375% 07/15/2027 DD 07/15/17	14,245,592	14,206,824

12,685,000	US TREAS NOTE FWD 2.000% 08/15/2025 DD 08/15/15	(12,386,145)	(12,411,480)
12,685,000	US TREAS NOTE FWD 05/31/2017 0.125% 01/15/2023 DD 01/15/15	(12,399,751)	(12,484,815)
12,685,000	US TREAS NOTE FWD 06/30/2017 2.000% 08/15/2025 DD 08/15/15	(12,472,790)	(12,603,737)
12,685,000	US TREAS NOTE FWD 08/31/2017 2.000% 08/15/2025 DD 08/15/15	(12,516,592)	(12,617,611)
12,685,000	US TREAS NOTE FWD 09/29/2017 2.000% 08/15/2025 DD 08/15/15	(12,608,605)	(12,562,114)
11,919,254	US TREAS-CPI INFLAT FWD 0.375% 07/15/2025 DD 07/15/15	11,925,064	11,891,318
11,956,791	US TREAS-CPI INFLAT FWD 0.375% 07/15/2025 DD 01/15/09	12,035,956	11,915,690
12,019,161	US TREAS-CPI INFLAT FWD 0.375% 07/15/2025 DD 07/15/15	11,923,875	11,981,601
14,360,553	US TREAS-CPI INFLAT FWD 0.375% 07/15/2027 DD 07/15/17	14,180,205	14,234,898
15,420,000	US TREASURY NOTE FWD 2.250% 08/15/2027 DD 08/15/17	(15,237,100)	(15,277,847)
12,685,000	US TREASURY NOTE FWD 2.000% 08/15/2025 DD 08/15/15	(12,404,361)	(12,312,378)
15,420,000	US TREASURY NOTE FWD 2.250% 08/15/2027 DD 08/15/17	(15,265,743)	(15,229,659)
1,104	US ULTRA BOND (CBT) EXP JUN 17	-	771,912
456	US ULTRA BOND (CBT) EXP SEP 17	-	1,285,555
692	US ULTRA BOND (CBT) EXP DEC 17	-	183,923
116	USD IRS 10YR PRIM FUTURE (CBT) EXP JUN 17	-	(416,375)
107	USD IRS 10YR PRIM FUTURE (CBT) EXP SEP 17	-	(80,250)
212	USD IRS 10YR PRIM FUTURE (CBT) EXP DEC 17	-	315,047
1,445,000	VERIZON COMMUNICATIONS IN 144A 2.946% 03/15/2022 DD 02/03/17	1,431,157	1,460,895
15,188,117	VERIZON COMMUNICATIONS IN 144A 4.812% 03/15/2039 DD 02/03/17	15,295,953	14,824,611
153	VERIZON COMMUNICATIONS IN 144A 5.012% 04/15/2049 DD 02/03/17	149	153
2,195,000	WALGREEN CO 3.100% 09/15/2022 DD 09/13/12	2,247,457	2,245,878

Total Assets Acquired and Disposed of Within Year

136,308,099

136,513,936

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Summary of Plan Provisions

Summary of plan provisions covered by the former East Retirement Plan

Plan Provisions

Effective Date	May 1, 1955. Restated effective January 1, 2017.
Recent Amendments	Plan was amended and restated effective January 1, 2017.
Covered Employees	Employees become Members of the Plan on the first day of the month following completion of one year of service.
Participation Date	Date of becoming a covered employee.

Definitions

Grandfathered employee	If, on December 31, 2000, either: – Participating in AEP System Retirement Plan, or – In one-year waiting period for AEP System Retirement Plan participation.
Vesting service	A period of time from employment date to termination date and, in general, includes periods of severance that are not in the excess of 12 months.
Accredited service	Elapsed time from date of hire (from benefit service start date).
Cash balance pay	Pay received during the year, including base pay, overtime, shift differential/Sunday premium pay and incentive pay, subject to IRS limits.
Covered compensation amount	The average of the Social Security taxable wage based during the 35-year period including the year in which the participant retires, dies, becomes disabled or otherwise terminates employment. This monthly average is calculated to the next lower or equal whole dollar amount and is then rounded to nearest \$50.
Final average pay	Average of the highest 36-consecutive months of base pay out of the last 120 months of employment, subject to IRS limits.
Normal retirement date (NRD)	The first day of the calendar month whose first day is nearest the later of the member's 65 th birthday or the completion of five years of Vesting Service.

Plan Name: American Electric Power System Retirement Plan
EIN / PN: 13-4922641 / 001
Plan Sponsor: American Electric Power Co.
Valuation Date: January 1, 2017

SCHEDULE SB ATTACHMENTS

Cash balance account Recordkeeping account to which annual Interest Credits and annual Company Credits are credited. The cash balance account is updated at the end of each plan year and is equal to:

Cash Balance Account as of the
end of the prior plan year
+
Interest Credits
+
Company Credits

Cash balance benefit

Cash Balance Account converted to a monthly annuity

Opening balance

For those participating in or eligible for the AEP System Retirement Plan on December 31, 2000, opening balance is calculated as follows:

- Present value of monthly normal retirement benefit determined as of December 31, 2000, and payable at age 65 (or current age if older)
 - Present value determined based on 5.78% interest and IRS regulated mortality (GAM83 Unisex) data for lump sums (postretirement only)

Plus

- Credit for early retirement subsidy for monthly payments beginning at age 62 (or current age if older)

Plus

- Transition credit based on age, service and pay received in 2000 (see "Company Credits" for credit percentages)
 - Age and service based on completed whole years as of December 31, 2000.

For employees hired on or after January 1, 2001, opening balance is \$0.

Interest credits

Interest credits are applied to beginning of year account balance on December 31 each year.

Based on the average 30-year Treasury Bond rate for November of the previous year.

Minimum of 4%.

Company credits

Applied to account balance on December 31 or termination date if earlier.

Plan Name: American Electric Power System Retirement Plan

EIN / PN: 13-4922641 / 001

Plan Sponsor: American Electric Power Co.

Valuation Date: January 1, 2017

SCHEDULE SB ATTACHMENTS

Amount is a percentage of eligible pay received during the year, based on age plus years of Vesting Service (age and service in completed whole years as of December 31).

<i>Age Plus Years of Service</i>	<i>Annual Company Credit</i>
Less than 30	3.0%
30 – 39	3.5%
40 – 49	4.5%
50 – 59	5.5%
60 – 69	7.0%
70+	8.5%

Monthly Grandfathered Benefit	Sum of (1), (2) and (3): (1) 1.10% of Final Average Pay x Accredited Service up to 35 years (2) 0.50% of Final Average Pay Less Covered Compensation x Accredited Service up to 35 years (3) 1.33% of Final Average Pay x Accredited Service between 35 and 45 years Accruals for the grandfathered benefit ceased on December 31, 2010.
Long-term disability and paid leaves	Participants do not receive company credits while on long-term disability. Vesting service continues.
Unpaid leave	No compensation for annual Company Credit. Vesting service continues.

Eligibility for Benefits

Normal retirement	All members at or after their Normal Retirement Date.
Early retirement	Any time after attainment of age 55 and completion of five years of vesting. Applicable only to grandfathered benefits.
Postponed retirement	Retirement after Normal Retirement Date.
Vested termination	All members who terminate employment after completion of three years of Vesting Service, or upon death.
Disability	All members who are unable to work at own occupation solely because of sickness or injury for the first 24 months of disability. After 24 months of disability, the participant is eligible if unable to work at any gainful occupation for which the participant may be able, or may reasonably become qualified by education, training or experience, to perform.

Plan Name: American Electric Power System Retirement Plan
 EIN / PN: 13-4922641 / 001
 Plan Sponsor: American Electric Power Co.
 Valuation Date: January 1, 2017

SCHEDULE SB ATTACHMENTS

Surviving spouse The surviving spouse of a Grandfathered Member who retired or is eligible to retire on Normal or Early Retirement and who was married to that spouse for the year preceding commencement and whose grandfathered benefit exceeds his or her Cash Balance Benefit.

Preretirement death Beneficiary of deceased member.

Benefits Paid Upon the Following Events

Normal retirement For Grandfathered Employees, the better of the monthly grandfathered benefit or the Cash Balance Benefit determined as of Normal Retirement Date. For all other employees, the Cash Balance Benefit determined as of Normal Retirement Date.

Early retirement For Grandfathered Employees, the better of:

- (1) The monthly grandfathered retirement benefit reduced by 3% per year for each year commencement precedes age 62, and
- (2) The Cash Balance Benefit determined as of the Early Retirement Date.

For all other employees, the Cash Balance Benefit determined as of the Early Retirement Date.

Deferred vested retirement The accrued Normal Retirement Benefit (better of Cash Balance and Grandfathered Benefits, if eligible), payable at Normal Retirement Date or actuarially reduced and payable at any age.

Disability The greater of (1) or (2):

- (1) Accrued Grandfathered Retirement Benefit reduced as in the Early Retirement Benefit. If retirement occurs prior to age 55, the benefit is further reduced actuarially from age 55. The Disability Retirement Benefit will reflect Accredited Service that accrued (at most recent rate of base earnings) to a member while receiving benefits under the Company's LTD plan.
- (2) The Cash Balance Benefit with continued Company Credits while disabled.

Benefit (1) applies for Grandfathered Employees only.

Preretirement death Better of (1) or (2):

- (1) The grandfathered monthly benefit as if the employee commenced a 60% qualified joint and survivor benefit at his earliest retirement date
- (2) Annuity equivalent of Cash Balance account or the cash balance account.

Plan Name: American Electric Power System Retirement Plan
EIN / PN: 13-4922641 / 001
Plan Sponsor: American Electric Power Co.
Valuation Date: January 1, 2017

SCHEDULE SB ATTACHMENTS

	Benefit (1) applies for a Grandfathered Employee whose beneficiary is his or her spouse.
Surviving spouse benefits	A benefit payable for life equal to 30% of the single life annuity payable to the grandfathered member. The spouse's benefit is actuarially reduced for each year by which the spouse is more than ten years younger than the member. Payable to Grandfathered Employees only.

Other Plan Provisions

Forms of payment

- Grandfathered employees
 - The following are available for Grandfathered Employees for both the Grandfathered Benefit and the Cash Balance Benefit:
 - Full lump sum payment.
 - Combination of partial lump sum (25%, 50% or 75% of full lump sum) with remainder paid as a monthly benefit (see below).
 - Monthly payment:
 - Single life annuity.
 - Optional joint annuities (spouse or other beneficiary).
 - Available in 40%, 50%, 60%, 75%, 100%.
 - Can elect pop-up and/or level income options.
 - Automatic company-paid 30% surviving spouse annuity included in Grandfathered Benefit annuity if terminate on or after age 55 and married at least one year. Cash Balance Benefit is actuarially reduced for this feature.

A one-time option to elect a lump sum of the accrued benefit for terminated vested participants whose benefit was determined in no way by reference to either the AEP or CSW cash balance formulas was offered during the period from May 1, 2012 through June 30, 2012. Participants eligible for the window were also permitted to elect any of the other optional forms of payment generally applicable to such a participant under the normal terms of the plan document. Any participant who elected to commence benefits under this window, regardless of lump sum or annuity election, had a benefit commencement date of August 1, 2012.

Plan Name: American Electric Power System Retirement Plan
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Plan Sponsor: American Electric Power Co.
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- Employees hired on or after January 1, 2001 The following are available for those hired on or after January 1, 2001:

- Full lump sum payment.
- Combination of partial lump sum (25%, 50% or 75% of full lump sum) with remainder paid as a monthly benefit (see below).
- Monthly payment:
 - Single life annuity.
 - Joint annuities (spouse or other beneficiary).
 - Available in 50%, 75%, 100%.

Form of payment conversion for non-417(e) covered conversions

- Cash balance 7.50% interest and the applicable 417(e) Mortality Table.
- Grandfathered benefit 7.50% interest and the 1974 George B. Buck Mortality Table.

Pension Increases None.

Plan Participants' Contributions Prior to January 1, 1978, employee contributions were required as a condition of Membership. In May and June of 1981, Members were permitted an election to withdraw those contributions. Those who did not elect to withdraw have retirement benefits based on a formula that differs from the formulas previously described in this section. However, the number of nonelecting Members is so small that special plan provisions for that group have not been included in this summary.

Plan Name: American Electric Power System Retirement Plan
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Plan Sponsor: American Electric Power Co.
Valuation Date: January 1, 2017

SCHEDULE SB ATTACHMENTS

Maximum on benefits and pay	All benefits and pay for any calendar year may not exceed the maximum limitations for that year as defined in the Internal Revenue Code. The plan provides for increasing the dollar limits automatically as such changes become effective. Increases in the dollar limits are assumed for determining pension cost but not for determining contributions.
Benefits not valued	A small portion of the population made employee contributions to the plan. Because the amount of these contributions is not material to the plan, they are not part of the valuation. Participants who were employees of Columbus Southern Power (CSP) at the time AEP acquired that company have a frozen benefit under the CSP benefit formula at December 31, 1986. Benefits for these participants are the greater of an all-service AEP benefit and a two-part benefit consisting of the frozen CSP benefit plus an AEP benefit accrued from January 1, 1987. Because this applies to a small portion of the population and the CSP frozen benefit is not often the greater benefit for these participants, this benefit is not valued.
Plan status	Ongoing.

Future Plan Changes

Willis Towers Watson is not aware of any future plan changes that are required to be reflected.

Changes in Benefits Valued Since Prior Year

None.

Plan Name: American Electric Power System Retirement Plan
EIN / PN: 13-4922641 / 001
Plan Sponsor: American Electric Power Co.
Valuation Date: January 1, 2017

SCHEDULE SB ATTACHMENTS

Summary of plan provisions covered by the former West Retirement Plan

Plan Provisions

Effective Date	January 1940. Restated effective January 1, 1997.
Recent Amendments	Plan was merged with and into the American Electric Power System Retirement Plan, which was most recently amended and restated effective January 1, 2017.
Covered Employees	All full-time employees of a Participating Company employed by CSW before January 1, 2001, and not covered by a union (that has not bargained for coverage) or another pension plan provided by AEP. Part-time employees of the Company had to work more than 1,000 hours in the first anniversary year or subsequent calendar years.
Participation Date	Date of becoming a covered employee

Definitions

Grandfathered employee	Employees who were at least age 50 with ten years of vesting service of July 1, 1997.
Vesting service	All service from date of hire in completed years.
Credited service	The aggregate of: For the period prior to January 1, 1976: (1) The number of full years in the last continuous period that employee was a participant after June 30, 1970, plus (2) Credited service under any prior plan if service extended to July 1, 1970. For the period beginning on or after January 1, 1976, the number of full years of service.
Cash balance pay	Pay received during the year, including base pay, overtime, shift differential/Sunday premium pay and incentive pay, subject to IRS limits
Final average pay	Highest average annual earnings (base pay only) during any 36 consecutive months in the 120 months before retirement. Any changes in earnings within the last three months before retirement will not be taken into account.
Normal retirement date (NRD)	The first day of the calendar month on or following the member's 65 th birthday.

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Cash balance account Recordkeeping account to which annual interest credits and annual company credits are credited. The cash balance account is updated at the end of each plan year and is equal to:

Cash Balance Account as of the
end of the prior plan year
+
Interest Credits
+
Company Credits

Cash balance benefit Cash Balance Account converted to a monthly annuity

Interest credits Interest credits are applied to beginning of year account balance on December 31 each year.

Based on the average 30-year Treasury Bond rate for November of the previous year.

Minimum of 4%.

Company credits Applied to account balance on December 31 or termination date if earlier.

Amount is a percentage of eligible pay received during the year, based on age plus years of Vesting Service (age and service in completed whole years as of December 31).

<i>Age Plus Years of Service</i>	<i>Annual Company Credit</i>
Less than 30	3.0%
30 – 39	3.5%
40 – 49	4.5%
50 – 59	5.5%
60 – 69	7.0%
70+	8.5%

Monthly Grandfathered Benefit Greater of (1) or (2) below with automatic cost of living adjustments upon retirement:

(1) Basic benefit — An annual amount equal to:

The aggregate of a participant's (a) earned benefit (if any) under any prior plan or acquired Company pension plan under which no election was made to receive a paid-up annuity; and (b) participant contributions without interest for the period commencing on or after July 1, 1970. For the period after September 1, 1980, participants will be deemed to have made contributions at the rate of 2% annually of the participant's annual rate of earnings as of January 1.

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	(2) Minimum benefit: 1-2/3% of final average annual earnings less 50% of participant's annual primary Social Security benefit times years of credited service up to 30 years.
Minimum benefits	The benefit payable will never be less than the frozen accrued benefit as of July 1, 1997, under the prior plan.
Primary Social Security benefit	The annual amount payable under the Social Security Act as amended in effect at the employee's date of retirement. The date as of which the amount is to be determined is: (1) In the case of an employee (including deferred vested employees) retiring on or after normal retirement date, normal retirement date. (2) In the case of an employee retiring prior to normal retirement date, the later of employee's 62nd birthday or actual retirement date. Early retirees and deferred vested employees are assumed to have no earnings after termination in determining the amount of this benefit.
Long-term disability and paid leaves	Participants do not receive company credits while on long-term disability. For the grandfathered formula, the final average pay will be determined as of the date on which the participant became disabled. Vesting service continues.
Unpaid leave	No compensation for annual compensation credit. Vesting service continues.

Eligibility for Benefits

Normal retirement	All members at or after their Normal Retirement Date
Early retirement	Any time after attainment of age 55 and completion of five years of vesting
Postponed retirement	Retirement after NRD.
Vested	The participant's cash balance account is 100% vested when any one of the following applies: (1) Three years of vesting service (2) Attainment of age 55 while an employee (3) Death prior to termination (4) Upon disability.
Disability	All participants who become permanently and totally disabled. Permanent and total disability is determined by reference to the LTD plan covering that participant.

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Surviving spouse	The surviving spouse of a participant who retired or is eligible to retire on normal or early retirement.
Preretirement death	Beneficiary of participant who dies after becoming vested.

Benefits Paid Upon the Following Events

Normal retirement Grandfathered employees must elect either the cash balance or the grandfathered formula. For purposes of this valuation, the employee is assumed to elect the formula with the higher present value. Employees with a prior plan frozen benefit get the better of the cash balance benefit and the prior plan frozen benefit. For all other employees, the Cash Balance Benefit is determined as of Normal Retirement Date.

Early retirement Greater of (1) if applicable or (2):

(1) The grandfathered accrued benefit and the prior plan frozen are payable subject to reduction according to the following schedule if payments commence prior to the normal retirement date.

<i>Age at Retirement</i>	<i>Percent of Benefit Payable</i>
64	100%
63	100%
62	100%
61	95%
60	90%
59	84%
58	78%
57	72%
56	66%
55	60%

(2) The Cash Balance Benefit determined as of the Early Retirement Date.

Deferred vested retirement Greater of (1) if applicable or (2):

(1) Grandfathered accrued benefit payable at age 65, or if earlier reduced 5% per year from age 65, 6% per year from age 60 and 7.5% per year compounded from age 55.

(2) Vested cash balance account.

Disability retirement The greatest of grandfathered accrued benefit, if eligible, based on projected service and frozen pay deferred to age 65, prior plan frozen benefit if eligible and cash balance account with continued pay credits.

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Preretirement death

If the beneficiary is the spouse and the participant is a grandfathered/protected plan participant, then:

- (1) For an active participant who dies on or after 55th birthday but before retirement, a monthly benefit equal to 50% of the benefit accrued to the date of death without reduction for early retirement is payable immediately as a life annuity to a qualifying spouse.
- (2) For an active participant who dies after completing five or more years of vesting service but before age 55, a deferred monthly benefit equal to 50% of the benefit accrued to the date of death reduced as for early retirement is payable as a life annuity to a qualifying spouse. Benefit commencement is deferred to when the deceased participant would have attained age 55.
- (3) For a deferred vested participant who dies before benefits commence, a monthly benefit equal to 50% of the deferred vested benefit reduced for early commencement (as for deferred vesteds) is payable as a life annuity to a qualifying spouse. If death occurs before age 55, the benefit to the spouse is deferred to when the deceased participant would have attained age 55.

The spouse's benefit is actuarially reduced for each year by which the spouse is more than five years younger than the participant.

For all employees, the minimum benefit is the cash balance account immediate annuity, which is also payable if the beneficiary is not the participant's spouse.

Other Plan Provisions

Form of payment

The following are available for those participants who did not work an hour of service on or after January 1, 2003:

- Full lump sum payment.
- Monthly payment:
 - Single life annuity.
 - 50% joint annuity (spouse or other beneficiary).

A one-time option to elect a lump sum of the accrued benefit for terminated vested participants whose benefit was determined in no way by reference to either the AEP or CSW cash balance formulas was offered during the period from May 1, 2012 through June 30, 2012. Participants eligible for the window were also permitted to elect any of the other optional forms of payment generally applicable to such a participant under the normal terms of the plan document.

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Any participant who elected to commence benefits under this window, regardless of lump sum or annuity election, had a benefit commencement date of August 1, 2012.

The following are available for those participants who work an hour of service on or after January 1, 2003:

- Full lump sum payment.
- Combination of partial lump sum (25%, 50% or 75% of full lump sum) with remainder paid as a monthly benefit (see below).
- Monthly payment:
 - Single life annuity.
 - Joint annuities (spouse or other beneficiary).
 - Available in 50%, 75%, 100%.

Form of payment conversion for non-417(e) covered conversions

■ Cash balance	7.50% interest and the applicable 417(e) Mortality Table
■ Grandfathered benefit	Factors as specified in Tables I, II, III and IV of Exhibit A to the American Electric Power System Retirement Plan document. 7.50% interest and the 1951 Group Annuity male mortality table to the extent not covered by Tables I, II, III and IV.
Pension Increases	None.
Member Contributions	None.
Maximum on benefits and pay	All benefits and pay for any calendar year may not exceed the maximum limitations for that year as defined in the Internal Revenue Code. The plan provides for increasing the dollar limits automatically as such changes become effective. Increases in the dollar limits are assumed for determining pension cost but not for determining contributions.
Plan status	Continuing accruals. All new entrants to plan are covered under former East plan provision.

Future Plan Changes

Willis Towers Watson is not aware of any future plan changes that are required to be reflected.

Changes in Benefits Valued Since Prior Year

None.

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AMERICAN ELECTRIC POWER SYSTEM RETIREMENT PLAN
FORM 5500 SCHEDULE H, PART IV, LINE 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)
DECEMBER 31, 2017

ASSETS	SHARES	SECURITY DESCRIPTION	COST	FAIR VALUE
Alternative Investments				
	32,643	BRIGADE CR OFFSHORE FD II LTD	45,618,012	49,073,258
	50,039,951	LAZARD EMERGING MKTS	50,039,951	50,039,951
	15,699	STONE HARBOR LEVERAGED	17,497,679	18,191,413
	87,954	STONE HARBOR-EM MK DBT-MUSDA	16,523,615	18,416,618
	73,929	STONE HARBOR-HI YLD BD-MUSDA	12,951,260	13,710,916
		Alternative Investments Total	142,630,516	149,432,156
Short-term investments				
	0	TWD (TAIWAN DOLLAR)	0	0
	1	HKD (HONG KONG DOLLARS)	0	0
	2	JPY (JAPANESE YEN)	0	0
	12	ZAR (SOUTH AFRICAN RAND)	1	1
	0	EUR (EURO)	0	0
	193,033	EUR (EURO)	231,794	231,794
	112,944	EUR (EURO)	135,623	135,623
	0	GBP (GREAT BRITISH POUNDS)	0	0
	0	CAD (CANADIAN DOLLARS)	0	0
	32	KRW (SOUTH KOREAN WON)	0	0
	0	EUR (EURO)	0	0
	5,261,054	JPY (JAPANESE YEN)	48,538	46,703
	0	CHF (SWISS FRANC)	0	0
	0	ZAR (SOUTH AFRICAN RAND)	-	-
	(1)	EUR (EURO)	(1)	(2)
	(1)	CHF (SWISS FRANC)	(1)	(1)
	0	GBP (GREAT BRITISH POUNDS)	1	1
	4	JPY (JAPANESE YEN)	0	0
	(1)	EUR (EURO)	(1)	(1)
	(469)	90DAY EURO\$ FUTURE (CME)	281,400	451,413
	550,000	ANZ NEW ZEALAND DISC	545,059	545,059
	1,100,000	MACQUARIE BK LTD DISC	1,094,996	1,094,996
	700,000	NATIONAL AUST BK DISC	692,573	692,573
	1,325,000	AUSTRALIA & NZ BK IB NT	1,325,000	1,325,000
	825,000	COMMONWEALTH BNK OF AUS IB NT	825,000	825,000
	1,150,000	COMMONWEALTH BNK OF AUS IB NT	1,150,000	1,150,000
	1,080,000	WESTPAC BANKING IB NT	1,080,000	1,080,000
	1,070,000	BANK OF NOVA SCOTIA IB NT	1,070,000	1,070,000
	845,000	NATIONAL BK CANADA IB NT	845,000	845,000
	1,720,000	NATIXIS NY INSTL C/D	1,720,000	1,720,000
	1,600,000	LMA SA & LMA AMER DISC	1,580,471	1,580,471
	1,700,000	SOCIETE GENERALE DISC	1,684,162	1,684,162
	1,300,000	SUMITOMO MITSUI BKG INSTL C/D	1,300,000	1,300,000
	630,000	SUMITOMO MITSUI BKG INSTL C/D	630,000	630,000
	1,350,000	SUMITOMO MTSU BKG DISC	1,348,233	1,348,233
	1,435,000	DNB NOR BANK DISC	1,416,381	1,416,381
	1,525,000	UNITED OVERSEAS DISC	1,512,800	1,512,800
	1,850,000	CREDIT SUISSE FST DISC	1,828,859	1,828,859
	1,500,000	UBS AG LONDON BRH IB NT	1,500,000	1,500,000
	1,000,000	LLOYDS BK PLC NY INSTL C/D	1,000,000	1,000,000
	1,400,000	ATLANTIC ASSET DISC	1,387,260	1,387,260
	1,725,000	BNP PARIBAS DISC	1,707,651	1,707,651
	1,850,000	COOPERAT CENT DISC	1,829,906	1,829,906
	1,635,000	DANSKE CORP DISC	1,626,095	1,626,095
	1,605,000	J P MORGAN SECS DISC	1,578,872	1,578,872
	1,750,000	METLIFE SHORT DISC	1,748,135	1,748,135
	1,700,000	VICTORY RECVBLS DISC	1,693,016	1,609,762
		Short-term investments Total	36,416,822	36,501,746

Common/Collective Trusts and Commingled Funds

20,820,583	COMMINGLED FUNDS CASH EQUIVALENTS	20,820,583	20,820,583
2,174,722	MELLON CAPITAL ALL COUNTRY WORLD INDEX FUND	320,448,437	438,373,728
77,189	VONTOBEL INDIA FUND	11,044,932	14,870,406
Common/Collective Trusts and Commingled Funds Total		352,313,952	474,064,717

Corporate Obligations

1,480,000	*AMERICAN AIRLINES 2017-1 CLASS 3.650% 08/15/2030 DD 01/13/17	1,480,000	1,512,264
630,000	AT&T INC 5.650% 02/15/2047 DD 02/09/16	675,675	689,485
1,560,000	AMAZON.COM INC 144A 4.250% 08/22/2057 DD 08/22/17	1,547,239	1,701,788
3,700,000	AMGEN INC 4.663% 06/15/2051 DD 12/15/16	3,556,107	4,138,487
2,347,000	ANHEUSER-BUSCH INBEV WORLDWIDE 4.439% 10/06/2048 DD 04/06/17	2,348,087	2,556,798
405,000	ANHEUSER-BUSCH INBEV WORLDWIDE 4.950% 01/15/2042 DD 07/15/16	440,867	468,796
495,000	ANHEUSER-BUSCH INBEV FINANCE I 4.700% 02/01/2036 DD 01/25/16	520,676	553,484
1,870,000	ANHEUSER-BUSCH INBEV FINANCE I 4.900% 02/01/2046 DD 01/25/16	2,021,227	2,167,311
1,585,000	ANHEUSER-BUSCH INBEV FINANCE I 3.650% 02/01/2026 DD 01/25/16	1,609,076	1,635,688
1,135,000	APACHE CORP 5.100% 09/01/2040 DD 08/20/10	1,187,414	1,209,218
600,000	APACHE CORP 4.750% 04/15/2043 DD 04/09/12	618,018	616,644
1,470,000	APACHE CORP 4.250% 01/15/2044 DD 12/03/12	1,401,689	1,424,092
380,000	APPLE INC 3.850% 05/04/2043 DD 05/03/13	363,371	394,805
585,000	APPLE INC 4.450% 05/06/2044 DD 05/06/14	605,756	668,228
1,330,000	APPLE INC 4.375% 05/13/2045 DD 05/13/15	1,366,336	1,498,338
1,260,000	APPLE INC 4.650% 02/23/2046 DD 02/23/16	1,360,611	1,475,510
650,000	AVALONBAY COMMUNITIES INC 3.200% 01/15/2028 DD 11/15/17	647,394	647,511
1,575,000	BANK OF AMERICA CORP VAR RT 04/24/2038 DD 04/24/17	1,575,000	1,708,135
4,096,000	BANK OF AMERICA CORP 144A VAR RT 12/20/2028 DD 12/20/17	4,074,373	4,096,901
1,270,000	BANK OF NEW YORK MELLON CORP/T VAR RT 02/07/2028 DD 02/07/17	1,270,000	1,298,131
2,790,000	BIOGEN INC 5.200% 09/15/2045 DD 09/15/15	2,985,719	3,311,953
1,045,000	BURLINGTON NORTHERN SANTA FE L 5.150% 09/01/2043 DD 08/22/13	1,200,130	1,292,080
2,040,000	BURLINGTON NORTHERN SANTA FE L 4.150% 04/01/2045 DD 03/09/15	2,068,784	2,216,848
1,130,000	CATERPILLAR INC 3.803% 08/15/2042 DD 08/15/12	1,085,727	1,210,795
1,155,000	CISCO SYSTEMS INC 5.500% 01/15/2040 DD 11/17/09	1,407,021	1,528,296
1,015,000	COMCAST CORP 7.050% 03/15/2033 DD 03/14/03	1,362,627	1,412,251
753,000	COMCAST CORP 3.999% 11/01/2049 DD 10/19/17	917,321	771,087
1,808,000	COMCAST CORP 4.049% 11/01/2052 DD 10/19/17	2,221,856	1,850,000
975,000	CONOCOPHILLIPS HOLDING CO 6.950% 04/15/2029 DD 04/20/99	1,226,121	1,280,575
1,720,000	CONOCOPHILLIPS 5.900% 05/15/2038 DD 05/08/08	2,023,958	2,260,269
3,500,000	CONOCOPHILLIPS CO 4.300% 11/15/2044 DD 11/12/14	3,481,485	3,827,530
1,490,000	CONSOLIDATED EDISON CO OF NEW 5.500% 12/01/2039 DD 12/04/09	1,754,415	1,887,577
3,600,000	CONSOLIDATED EDISON CO OF NEW 4.450% 03/15/2044 DD 03/06/14	3,747,960	4,101,480
1,050,000	DTE ELECTRIC CO 4.300% 07/01/2044 DD 07/02/14	1,102,511	1,177,680
785,000	WALT DISNEY CO/THE 4.125% 12/01/2041 DD 12/02/11	805,072	845,123
4,616,000	DUKE ENERGY CAROLINAS LLC 6.000% 01/15/2038 DD 01/10/08	5,717,470	6,210,505
570,000	DUKE ENERGY CAROLINAS LLC 3.700% 12/01/2047 DD 11/14/17	569,168	587,180
3,390,000	FLORIDA POWER & LIGHT CO 5.960% 04/01/2039 DD 03/17/09	4,378,117	4,574,669
775,000	GENERAL ELECTRIC CO 4.500% 03/11/2044 DD 03/11/14	831,947	858,522
1,592,000	GENERAL ELECTRIC CO 5.875% 01/14/2038 DD 01/14/08	2,003,580	2,058,758
1,410,000	GEORGIA POWER CO 5.400% 06/01/2040 DD 06/03/10	1,611,278	1,694,735
2,145,000	GEORGIA POWER CO 4.300% 03/15/2042 DD 03/06/12	2,170,611	2,280,693
1,205,000	GEORGIA POWER CO 4.300% 03/15/2043 DD 03/15/13	1,216,194	1,283,096
3,950,000	GILEAD SCIENCES INC 4.150% 03/01/2047 DD 09/20/16	3,751,710	4,201,536
875,000	GLAXOSMITHKLINE CAPITAL INC 6.375% 05/15/2038 DD 05/13/08	1,150,844	1,234,389
1,305,000	GOLDMAN SACHS GROUP INC/THE 4.800% 07/08/2044 DD 07/08/14	1,406,633	1,488,431
1,425,000	GOLDMAN SACHS GROUP INC/THE 6.250% 02/01/2041 DD 01/28/11	1,766,387	1,920,330
2,675,000	GOLDMAN SACHS GROUP INC/THE VAR RT 06/05/2028 DD 06/05/17	2,675,000	2,713,681
3,825,000	GOLDMAN SACHS GROUP INC/THE VAR RT 10/31/2038 DD 10/31/17	3,825,000	3,933,592
960,000	WW GRAINGER INC 4.600% 06/15/2045 DD 06/11/15	1,027,814	1,050,797
1,635,000	HOME DEPOT INC/THE 4.200% 04/01/2043 DD 04/05/13	1,684,622	1,800,805
595,000	HOME DEPOT INC/THE 4.250% 04/01/2046 DD 06/02/15	624,667	664,496
1,516,000	INTEL CORP 144A 3.734% 12/08/2047 DD 12/08/17	1,562,329	1,574,275
1,800,000	JPMORGAN CHASE & CO 5.600% 07/15/2041 DD 07/21/11	2,152,440	2,315,340
1,405,000	JPMORGAN CHASE & CO 3.900% 07/15/2025 DD 07/21/15	1,444,733	1,472,918
2,215,000	JPMORGAN CHASE & CO VAR RT 05/01/2028 DD 04/25/17	2,205,564	2,253,430
2,360,000	JPMORGAN CHASE & CO VAR RT 07/24/2048 DD 07/24/17	2,360,000	2,461,220

2,480,000	JOHNSON & JOHNSON 4.375% 12/05/2033 DD 12/05/13	2,726,661	2,827,473
1,420,000	JPMORGAN CHASE & CO 5.400% 01/06/2042 DD 12/22/11	1,663,800	1,783,193
1,430,000	LOWE'S COS INC 4.050% 05/03/2047 DD 05/03/17	1,420,905	1,522,264
623,000	MASSACHUSETTS MUTUAL LIFE 144A 8.875% 06/01/2039 DD 06/01/09	935,223	1,032,417
1,450,000	MERCK & CO INC 3.700% 02/10/2045 DD 02/10/15	1,382,633	1,513,713
1,615,000	METLIFE INC 4.875% 11/13/2043 DD 11/13/13	1,748,496	1,895,170
1,720,000	METLIFE INC VAR RT 12/15/2044 DD 09/15/14	1,830,321	1,999,552
100,000	MICROSOFT CORP 5.300% 02/08/2041 DD 02/08/11	118,900	127,724
1,545,000	MICROSOFT CORP 4.000% 02/12/2055 DD 02/12/15	1,461,230	1,652,887
2,320,000	MICROSOFT CORP 3.450% 08/08/2036 DD 08/08/16	2,204,835	2,391,897
2,105,000	MICROSOFT CORP 4.100% 02/06/2037 DD 02/06/17	2,100,432	2,350,254
1,505,000	MORGAN STANLEY VAR RT 07/22/2038 DD 07/24/17	1,505,000	1,558,412
875,000	NBCUNIVERSAL MEDIA LLC 5.950% 04/01/2041 DD 04/01/11	1,078,079	1,140,545
925,000	NEW YORK LIFE INSURANCE C 144A 5.875% 05/15/2033 DD 05/08/03	1,100,056	1,189,661
1,935,000	NEW YORK LIFE INSURANCE C 144A 6.750% 11/15/2039 DD 10/08/09	2,545,125	2,797,410
1,495,000	NORTHWESTERN MUTUAL LIFE 144A 6.063% 03/30/2040 DD 03/26/10	1,840,928	2,007,097
865,000	NSTAR ELECTRIC CO 4.400% 03/01/2044 DD 03/07/14	896,460	986,870
1,775,000	ORACLE CORP 4.300% 07/08/2034 DD 07/08/13	1,835,315	1,972,646
4,350,000	ORACLE CORP 4.125% 05/15/2045 DD 05/05/15	4,215,846	4,691,649
2,165,000	PPL ELECTRIC UTILITIES CORP 4.125% 06/15/2044 DD 06/05/14	2,194,163	2,363,292
3,775,000	PACIFIC GAS & ELECTRIC CO 6.050% 03/01/2034 DD 03/23/04	4,724,299	4,758,161
1,605,000	PARKER-HANNIFIN CORP 4.200% 11/21/2034 DD 11/21/14	1,640,021	1,751,841
975,000	PHILIP MORRIS INTERNATIONAL IN 6.375% 05/16/2038 DD 05/16/08	1,250,184	1,319,429
2,035,000	PHILIP MORRIS INTERNATIONAL IN 4.250% 11/10/2044 DD 11/10/14	2,009,379	2,145,012
1,445,000	PHILLIPS 66 4.650% 11/15/2034 DD 11/17/14	1,504,129	1,583,214
590,000	PRAXAIR INC 3.550% 11/07/2042 DD 11/07/12	548,145	600,119
555,000	PUBLIC SERVICE CO OF COLORADO 3.950% 03/15/2043 DD 03/26/13	553,846	578,149
1,355,000	PUBLIC SERVICE CO OF COLORADO 4.300% 03/15/2044 DD 03/10/14	1,416,165	1,509,755
3,345,000	SOUTHERN CALIFORNIA EDISON CO 6.050% 03/15/2039 DD 03/20/09	4,285,815	4,480,293
1,700,000	SOUTHERN CALIFORNIA EDISON CO 4.500% 09/01/2040 DD 08/30/10	1,811,928	1,915,067
720,000	STRYKER CORP 4.100% 04/01/2043 DD 03/25/13	672,163	747,238
1,810,000	STRYKER CORP 4.375% 05/15/2044 DD 05/01/14	1,755,591	1,956,013
234,000	TEACHERS INSURANCE & ANNU 144A 6.850% 12/16/2039 DD 12/16/09	303,666	330,605
2,015,000	UNION PACIFIC CORP 4.150% 01/15/2045 DD 08/12/14	2,029,206	2,178,497
1,035,000	UNITED PARCEL SERVICE INC 3.750% 11/15/2047 DD 11/14/17	1,032,402	1,068,648
3,240,000	UNITED TECHNOLOGIES CORP 4.500% 06/01/2042 DD 06/01/12	3,468,096	3,591,119
1,570,000	UNITEDHEALTH GROUP INC 6.875% 02/15/2038 DD 02/07/08	2,136,456	2,277,175
1,180,000	UNITEDHEALTH GROUP INC 4.625% 07/15/2035 DD 07/23/15	1,286,247	1,374,204
1,210,000	UNITEDHEALTH GROUP INC 4.200% 01/15/2047 DD 12/20/16	1,223,915	1,303,848
415,000	UNITEDHEALTH GROUP INC 4.250% 04/15/2047 DD 03/13/17	414,212	456,745
980,000	VISA INC 4.150% 12/14/2035 DD 12/14/15	1,026,040	1,088,055
2,885,000	VISA INC 4.300% 12/14/2045 DD 12/14/15	3,045,146	3,282,928
2,240,000	WELLS FARGO BANK NA 5.850% 02/01/2037 DD 01/29/07	2,638,518	2,872,554
2,375,000	WELLS FARGO BANK NA 6.600% 01/15/2038 DD 12/07/07	3,021,119	3,312,603
2,010,000	WALMART INC 4.000% 04/11/2043 DD 04/11/13	2,019,186	2,210,377
1,395,000	WELLS FARGO & CO 3.000% 04/22/2026 DD 04/22/16	1,331,151	1,368,635
3,405,000	WELLS FARGO & CO 3.300% 09/09/2024 DD 09/09/14	3,370,099	3,457,812
3,727,000	WYETH LLC 5.950% 04/01/2037 DD 03/27/07	4,690,243	4,996,565
85,000	ALABAMA POWER CO 4.150% 08/15/2044 DD 08/26/14	85,422	91,724
965,000	ALTRIA GROUP INC 3.875% 09/16/2046 DD 09/16/16	901,218	957,579
380,000	AMERICAN INTERNATIONAL GROUP I 6.250% 05/01/2036 DD 04/20/06	474,905	490,485
1,813,000	AMGEN INC 4.663% 06/15/2051 DD 12/15/16	1,742,492	2,027,859
335,000	ANHEUSER-BUSCH INBEV WORLDWIDE 8.200% 01/15/2039 DD 01/15/11	503,803	532,777
2,785,000	ANHEUSER-BUSCH INBEV WORLDWIDE 4.439% 10/06/2048 DD 04/06/17	2,818,367	3,033,951
3,450,000	ANHEUSER-BUSCH INBEV FINANCE I 4.700% 02/01/2036 DD 01/25/16	3,674,185	3,857,618
1,435,000	ANHEUSER-BUSCH INBEV FINANCE I 4.900% 02/01/2046 DD 01/25/16	1,551,048	1,663,151
1,850,000	ANTHEM INC 4.375% 12/01/2047 DD 11/21/17	1,849,982	1,966,994
1,145,000	APACHE CORP 5.250% 02/01/2042 DD 12/03/10	1,207,432	1,239,714
565,000	APPLE INC 4.450% 05/06/2044 DD 05/06/14	585,046	645,383
1,925,000	APPLE INC 3.450% 02/09/2045 DD 02/09/15	1,699,101	1,878,665
1,130,000	APPLE INC 4.500% 02/23/2036 DD 02/23/16	1,206,761	1,295,308
1,595,000	APPLE INC 4.650% 02/23/2046 DD 02/23/16	1,722,361	1,867,809
320,000	ARCH CAPITAL FINANCE LLC 5.031% 12/15/2046 DD 12/08/16	335,485	371,933
1,035,000	ATMOS ENERGY CORP 4.125% 10/15/2044 DD 10/15/14	1,029,442	1,130,230

615,000	BAKER HUGHES A GE CO LLC 5.125% 09/15/2040 DD 08/24/10	726,030	722,994
350,000	BANK OF AMERICA NA 6.000% 10/15/2036 DD 10/26/06	422,265	456,428
320,000	BANK OF AMERICA CORP 3.500% 04/19/2026 DD 04/19/16	315,734	327,168
1,250,000	BANK OF AMERICA CORP VAR RT 01/20/2048 DD 01/20/17	1,262,559	1,408,700
495,000	BANK OF NEW YORK MELLON CORP/T 3.000% 10/30/2028 DD 10/31/16	470,661	481,190
1,250,000	BECTON DICKINSON AND CO 4.669% 06/06/2047 DD 06/06/17	1,268,260	1,353,388
1,240,000	BERKSHIRE HATHAWAY FINANCE COR 5.750% 01/15/2040 DD 01/13/10	1,525,584	1,635,176
140,000	BERKSHIRE HATHAWAY FINANCE COR 4.300% 05/15/2043 DD 05/15/13	144,638	156,519
370,000	BURLINGTON NORTHERN SANTA FE L 5.050% 03/01/2041 DD 09/10/10	419,887	446,375
841,000	BURLINGTON NORTHERN SANTA FE L 5.400% 06/01/2041 DD 05/19/11	992,691	1,058,533
1,680,000	BURLINGTON NORTHERN SANTA FE L 4.375% 09/01/2042 DD 08/23/12	1,745,890	1,876,476
90,000	BURLINGTON NORTHERN SANTA FE L 6.700% 08/01/2028 DD 07/30/98	114,636	117,676
45,000	BURLINGTON NORTHERN SANTA FE L 7.950% 08/15/2030 DD 08/08/00	64,003	64,202
235,000	DUKE ENERGY PROGRESS LLC 6.300% 04/01/2038 DD 03/13/08	303,333	322,655
505,000	CELGENE CORP 4.350% 11/15/2047 DD 11/09/17	503,652	524,559
435,000	CHUBB CORP/THE 6.000% 05/11/2037 DD 05/11/07	542,597	580,160
1,000,000	CISCO SYSTEMS INC 5.500% 01/15/2040 DD 11/17/09	1,218,200	1,323,200
240,000	CITIGROUP INC 6.625% 01/15/2028 DD 01/09/98	287,714	297,674
2,035,000	COMCAST CORP 4.650% 07/15/2042 DD 07/02/12	2,254,600	2,290,677
1,315,000	COMCAST CORP 4.500% 01/15/2043 DD 01/14/13	1,355,791	1,453,036
325,000	COMCAST CORP 4.200% 08/15/2034 DD 08/12/14	327,993	347,259
375,000	COMCAST CORP 4.600% 08/15/2045 DD 05/27/15	386,948	420,623
513,000	COMCAST CORP 3.969% 11/01/2047 DD 10/19/17	542,101	529,970
616,000	COMCAST CORP 3.999% 11/01/2049 DD 10/19/17	607,111	630,796
520,000	CONOCOPHILLIPS 5.900% 05/15/2038 DD 05/08/08	611,894	683,337
455,000	CONOCOPHILLIPS CO 5.950% 03/15/2046 DD 03/08/16	595,804	612,890
635,000	CONSOLIDATED EDISON CO OF NEW 5.850% 03/15/2036 DD 03/09/06	766,426	809,962
560,000	CONSOLIDATED EDISON CO OF NEW 5.700% 06/15/2040 DD 06/07/10	678,110	728,818
90,000	CONSOLIDATED EDISON CO OF NEW 4.300% 12/01/2056 DD 11/16/16	89,877	98,206
440,000	DTE ELECTRIC CO 4.300% 07/01/2044 DD 07/02/14	462,004	493,504
500,000	DEERE & CO 3.900% 06/09/2042 DD 06/08/12	500,670	541,060
785,000	WALT DISNEY CO/THE 4.125% 06/01/2044 DD 06/02/14	840,552	847,784
765,000	DOMINION ENERGY GAS HOLDINGS L 4.800% 11/01/2043 DD 05/01/14	820,092	857,114
600,000	DOMINION ENERGY GAS HOLDINGS L 4.600% 12/15/2044 DD 12/08/14	621,462	660,108
690,000	DUKE ENERGY INDIANA LLC 4.900% 07/15/2043 DD 07/11/13	764,568	830,270
1,460,000	DUKE ENERGY CAROLINAS LLC 6.450% 10/15/2032 DD 10/08/02	1,844,900	1,941,391
1,380,000	DUKE ENERGY CAROLINAS LLC 4.250% 12/15/2041 DD 12/08/11	1,411,726	1,518,883
740,000	DUKE ENERGY CAROLINAS LLC 3.700% 12/01/2047 DD 11/14/17	738,920	762,304
585,000	ECOLAB INC 144A 3.950% 12/01/2047 DD 11/27/17	581,940	597,993
480,000	EXELON GENERATION CO LLC 5.600% 06/15/2042 DD 12/15/12	444,408	526,306
1,185,000	EXPRESS SCRIPTS HOLDING CO 4.800% 07/15/2046 DD 07/05/16	1,196,186	1,260,591
600,000	DUKE ENERGY FLORIDA LLC 6.350% 09/15/2037 DD 09/18/07	773,154	835,344
573,000	GENERAL ELECTRIC CO 6.150% 08/07/2037 DD 08/07/07	739,583	756,727
1,871,000	GENERAL ELECTRIC CO 6.875% 01/10/2039 DD 01/09/09	2,637,998	2,696,092
1,464,000	GENERAL ELECTRIC CO 6.750% 03/15/2032 DD 03/20/02	1,948,774	2,005,504
345,000	GEORGE WASHINGTON UNIVERSITY/T 4.868% 09/15/2045 DD 07/01/15	373,049	411,871
515,000	GILEAD SCIENCES INC 5.650% 12/01/2041 DD 12/13/11	595,252	653,030
1,165,000	GILEAD SCIENCES INC 4.500% 02/01/2045 DD 11/17/14	1,189,589	1,294,816
805,000	GILEAD SCIENCES INC 4.000% 09/01/2036 DD 09/20/16	771,890	851,634
680,000	GILEAD SCIENCES INC 4.150% 03/01/2047 DD 09/20/16	665,871	723,302
1,160,000	GLAXOSMITHKLINE CAPITAL INC 6.375% 05/15/2038 DD 05/13/08	1,553,796	1,636,447
2,845,000	GOLDMAN SACHS GROUP INC/THE 6.250% 02/01/2041 DD 01/28/11	3,526,577	3,833,922
1,105,000	GOLDMAN SACHS GROUP INC/THE VAR RT 10/31/2038 DD 10/31/17	1,105,000	1,136,371
1,035,000	GREAT-WEST LIFECO FINANCE 144A 4.150% 06/03/2047 DD 05/26/17	1,026,906	1,086,326
300,000	HSBC BANK USA NA/NEW YORK NY 5.625% 08/15/2035 DD 08/17/05	360,129	378,114
1,855,000	HOME DEPOT INC/THE 5.875% 12/16/2036 DD 12/19/06	2,343,533	2,510,205
600,000	HOME DEPOT INC/THE 5.950% 04/01/2041 DD 03/31/11	762,762	812,538
210,000	INTEL CORP 4.100% 05/11/2047 DD 05/11/17	208,780	231,378
2,020,000	INTEL CORP 144A 3.734% 12/08/2047 DD 12/08/17	2,081,731	2,097,649
1,500,000	INTERNATIONAL BUSINESS MACHINE 6.220% 08/01/2027 DD 08/01/97	1,875,165	1,870,920
640,000	INTERNATIONAL FLAVORS & FRAGRA 4.375% 06/01/2047 DD 05/18/17	637,760	680,832
455,000	LOWE'S COS INC 4.650% 04/15/2042 DD 04/23/12	486,254	519,956
820,000	LOWE'S COS INC 4.375% 09/15/2045 DD 09/16/15	844,756	906,321
140,000	MARSH & MCLENNAN COS INC 4.350% 01/30/2047 DD 01/12/17	139,112	155,075

205,000	MCDONALD'S CORP 3.625% 05/01/2043 DD 05/06/13	180,298	196,960
500,000	MEDTRONIC INC 6.500% 03/15/2039 DD 03/12/09	650,985	692,240
2,020,000	MEDTRONIC INC 4.625% 03/15/2045 DD 03/15/15	2,219,933	2,353,401
2,445,000	METLIFE INC 6.500% 12/15/2032 DD 12/10/02	3,070,700	3,202,045
1,250,000	METLIFE INC 5.875% 02/06/2041 DD 08/06/10	1,525,485	1,625,088
2,900,000	MICROSOFT CORP 3.500% 11/15/2042 DD 11/07/12	2,647,642	2,910,498
2,070,000	MICROSOFT CORP 3.750% 02/12/2045 DD 02/12/15	1,941,143	2,180,745
525,000	MICROSOFT CORP 4.000% 02/12/2055 DD 02/12/15	496,535	561,661
2,805,000	MICROSOFT CORP 4.100% 02/06/2037 DD 02/06/17	2,798,913	3,131,811
2,740,000	MICROSOFT CORP 4.250% 02/06/2047 DD 02/06/17	2,752,332	3,132,560
1,300,000	MIDAMERICAN ENERGY CO 5.750% 11/01/2035 DD 11/01/05	1,575,080	1,661,153
1,790,000	MIDAMERICAN ENERGY CO 4.400% 10/15/2044 DD 04/03/14	1,901,356	2,037,933
1,400,000	MORGAN STANLEY 7.250% 04/01/2032 DD 04/03/02	1,896,888	1,938,482
375,000	MORGAN STANLEY VAR RT 07/22/2038 DD 07/24/17	375,000	388,309
265,000	MORGAN STANLEY 6.250% 08/09/2026 DD 08/09/06	316,691	316,288
600,000	NARRAGANSETT ELECTRIC CO/ 144A 5.638% 03/15/2040 DD 03/22/10	679,956	765,714
485,000	NATIONWIDE MUTUAL INSURAN 144A 4.950% 04/22/2044 DD 04/22/14	533,495	546,469
1,225,000	NBCUNIVERSAL MEDIA LLC 4.450% 01/15/2043 DD 10/05/12	1,251,791	1,336,745
695,000	NEW YORK AND PRESBYTERIAN HOSP 4.024% 08/01/2045 DD 02/05/15	688,185	735,331
455,000	NIAGARA MOHAWK POWER CORP 144A 4.278% 10/01/2034 DD 09/25/14	463,044	499,522
785,000	NORTHWELL HEALTHCARE INC 6.150% 11/01/2043 DD 09/17/13	977,631	1,016,128
1,055,000	NORTHERN NATURAL GAS CO 144A 4.100% 09/15/2042 DD 08/27/12	987,185	1,083,844
960,000	NORTHWESTERN MUTUAL LIFE 144A 3.850% 09/30/2047 DD 09/26/17	957,955	973,210
675,000	NUCOR CORP 6.400% 12/01/2037 DD 12/03/07	854,429	903,697
255,000	ONCOR ELECTRIC DELIVERY CO LLC 7.000% 05/01/2032 DD 11/01/02	345,364	352,466
365,000	ONCOR ELECTRIC DELIVERY CO LLC 4.550% 12/01/2041 DD 06/01/12	389,583	421,874
820,000	ONE GAS INC 4.658% 02/01/2044 DD 08/01/14	849,963	933,890
1,680,000	ORACLE CORP 6.500% 04/15/2038 DD 04/09/08	2,195,071	2,365,608
1,655,000	ORACLE CORP 4.125% 05/15/2045 DD 05/05/15	1,662,848	1,784,984
2,785,000	ORACLE CORP 3.850% 07/15/2036 DD 07/07/16	2,717,937	2,943,049
795,000	PPL ELECTRIC UTILITIES CORP 3.950% 06/01/2047 DD 05/11/17	786,971	859,284
1,150,000	PACIFIC GAS & ELECTRIC CO 6.050% 03/01/2034 DD 03/23/04	1,439,191	1,449,506
545,000	PACIFIC GAS & ELECTRIC CO 4.450% 04/15/2042 DD 04/16/12	572,408	582,927
990,000	PARKER-HANNIFIN CORP 4.450% 11/21/2044 DD 11/21/14	1,045,757	1,105,385
1,635,000	PEPSICO INC 4.250% 10/22/2044 DD 10/22/14	1,688,514	1,804,370
385,000	PFIZER INC 4.400% 05/15/2044 DD 05/15/14	424,871	441,911
675,000	PHILIP MORRIS INTERNATIONAL IN 6.375% 05/16/2038 DD 05/16/08	867,158	913,451
1,720,000	PHILIP MORRIS INTERNATIONAL IN 3.875% 08/21/2042 DD 08/21/12	1,597,054	1,715,322
970,000	PHILIP MORRIS INTERNATIONAL IN 4.875% 11/15/2043 DD 11/12/13	1,043,361	1,107,915
735,000	PRECISION CASTPARTS CORP 4.375% 06/15/2045 DD 06/10/15	773,044	826,508
555,000	QUALCOMM INC 4.800% 05/20/2045 DD 05/20/15	593,090	596,930
480,000	REALTY INCOME CORP 4.650% 03/15/2047 DD 03/15/17	506,083	526,565
470,000	TRAVELERS COS INC/THE 6.750% 06/20/2036 DD 06/20/06	628,070	665,755
255,000	SOUTHERN CALIFORNIA EDISON CO 5.350% 07/15/2035 DD 06/27/05	298,921	313,497
435,000	SOUTHERN CALIFORNIA EDISON CO 5.625% 02/01/2036 DD 01/31/06	522,022	549,257
195,000	SOUTHERN CO GAS CAPITAL CORP 3.950% 10/01/2046 DD 09/13/16	180,437	193,614
635,000	SOUTHERN NATURAL GAS CO L 144A 4.800% 03/15/2047 DD 03/14/17	633,197	698,303
965,000	STRYKER CORP 4.375% 05/15/2044 DD 05/01/14	935,992	1,042,847
590,000	SWISS RE TREASURY US CORP 144A 4.250% 12/06/2042 DD 12/06/12	576,170	613,500
610,000	SYSCO CORP 4.850% 10/01/2045 DD 09/28/15	647,033	697,193
540,000	TCI COMMUNICATIONS INC 7.125% 02/15/2028 DD 02/24/98	714,172	706,671
88,000	TEACHERS INSURANCE & ANNU 144A 6.850% 12/16/2039 DD 12/16/09	114,199	124,330
1,120,000	TEACHERS INSURANCE & ANNU 144A 4.270% 05/15/2047 DD 05/08/17	1,116,416	1,184,445
600,000	TEXAS HEALTH RESOURCES 4.330% 11/15/2055 DD 05/05/15	605,220	657,972
895,000	TOSCO CORP 7.800% 01/01/2027 DD 07/01/97	1,144,410	1,185,257
600,000	TOSCO CORP 8.125% 02/15/2030 DD 02/15/00	822,078	852,876
280,000	TRAVELERS PROPERTY CASUALTY CO 6.375% 03/15/2033 DD 03/11/03	353,576	369,020
780,000	UNION PACIFIC CORP 3.875% 02/01/2055 DD 01/29/15	716,461	792,472
600,000	UNITED TECHNOLOGIES CORP 6.050% 06/01/2036 DD 05/26/06	751,518	782,784
760,000	UNITED TECHNOLOGIES CORP 4.500% 06/01/2042 DD 06/01/12	813,504	842,361
565,000	UNITEDHEALTH GROUP INC 5.800% 03/15/2036 DD 03/02/06	687,543	734,686
715,000	UNITEDHEALTH GROUP INC 4.625% 11/15/2041 DD 11/10/11	755,147	815,794
235,000	UNITEDHEALTH GROUP INC 4.375% 03/15/2042 DD 03/08/12	238,217	259,567
730,000	UNITEDHEALTH GROUP INC 4.750% 07/15/2045 DD 07/23/15	804,183	862,276

3,747,000	VERIZON COMMUNICATIONS INC 4.522% 09/15/2048 DD 03/13/15	3,524,826	3,689,484
885,000	VIRGINIA ELECTRIC & POWER CO 8.875% 11/15/2038 DD 11/06/08	1,408,778	1,524,784
1,950,000	VISA INC 4.300% 12/14/2045 DD 12/14/15	2,058,245	2,218,964
595,000	VULCAN MATERIALS CO 4.500% 06/15/2047 DD 06/15/17	592,763	607,501
1,560,000	WELLS FARGO BANK NA 5.850% 02/01/2037 DD 01/29/07	1,837,540	2,000,528
265,000	WELLS FARGO BANK NA 6.600% 01/15/2038 DD 12/07/07	366,264	369,617
1,100,000	WACHOVIA CORP 5.500% 08/01/2035 DD 08/01/05	1,217,975	1,316,447
1,355,000	WELLS FARGO & CO 3.900% 05/01/2045 DD 04/30/15	1,285,231	1,405,447
1,080,000	WELLS FARGO & CO 4.900% 11/17/2045 DD 11/17/15	1,109,290	1,222,322
1,485,000	WYETH LLC 5.950% 04/01/2037 DD 03/27/07	1,868,798	1,990,850
1,475,000	AFLAC INC 3.625% 06/15/2023 DD 06/10/13	1,526,891	1,531,729
3,375,000	AMERICAN CAMPUS COMMUNITIES OP 3.625% 11/15/2027 DD 10/10/17	3,375,135	3,337,909
835,000	AMERICAN EXPRESS CREDIT CORP 2.375% 05/26/2020 DD 05/26/15	846,131	834,031
880,000	AMERICAN WATER CAPITAL CORP 2.950% 09/01/2027 DD 08/10/17	877,105	870,901
940,000	AMERISOURCEBERGEN CORP 3.450% 12/15/2027 DD 12/04/17	937,697	932,179
1,315,000	ANHEUSER-BUSCH INBEV FINANCE I 3.300% 02/01/2023 DD 01/25/16	1,349,624	1,345,626
860,000	ANHEUSER-BUSCH INBEV FINANCE I 3.650% 02/01/2026 DD 01/25/16	875,283	887,503
2,400,000	ANTHEM INC 2.500% 11/21/2020 DD 11/21/17	2,395,728	2,394,984
1,825,000	ANTHEM INC 2.950% 12/01/2022 DD 11/21/17	1,826,387	1,825,767
740,000	APPLE INC 3.450% 05/06/2024 DD 05/06/14	767,809	767,395
2,770,000	APPLE INC 3.000% 02/09/2024 DD 02/09/17	2,768,781	2,805,151
1,910,000	BANK OF AMERICA CORP 2.151% 11/09/2020 DD 11/09/16	1,902,532	1,901,252
2,175,000	BANK OF AMERICA CORP VAR RT 07/21/2021 DD 07/21/17	2,174,378	2,171,194
1,065,000	BRIXMOR OPERATING PARTNERSHIP 4.125% 06/15/2026 DD 06/13/16	1,067,466	1,074,148
3,315,000	CAPITAL ONE FINANCIAL CORP 3.750% 03/09/2027 DD 03/09/17	3,349,354	3,350,371
425,000	CAPITAL ONE NA 2.250% 09/13/2021 DD 09/13/16	417,184	416,904
1,025,000	CHUBB CORP/THE 5.750% 05/15/2018 DD 05/06/08	1,070,428	1,039,053
1,605,000	CONSTELLATION BRANDS INC 2.250% 11/06/2020 DD 11/07/17	1,601,854	1,590,282
430,000	DIAGEO INVESTMENT CORP 2.875% 05/11/2022 DD 05/11/12	432,580	436,472
1,340,000	DISCOVERY COMMUNICATIONS LLC 2.200% 09/20/2019 DD 09/21/17	1,339,477	1,333,809
695,000	DOMINION ENERGY GAS HOLDINGS L 3.600% 12/15/2024 DD 12/08/14	703,535	709,074
1,250,000	DOMINION ENERGY INC 1.600% 08/15/2019 DD 08/09/16	1,242,168	1,236,250
2,480,000	DUKE ENERGY FLORIDA PROJECT FI 2.538% 09/01/2031 DD 06/22/16	2,341,294	2,404,385
4,955,000	GOLDMAN SACHS GROUP INC/THE VAR RT 06/05/2023 DD 06/05/17	4,964,240	4,922,049
2,895,000	GOLDMAN SACHS GROUP INC/THE VAR RT 07/24/2023 DD 07/24/17	2,895,968	2,874,793
555,000	GOLDMAN SACHS GROUP INC/THE VAR RT 09/29/2025 DD 09/29/17	551,726	552,763
1,980,000	GOLDMAN SACHS GROUP INC/THE VAR RT 10/31/2022 DD 10/31/17	1,979,993	1,974,317
2,300,000	HOWARD HUGHES MEDICAL INSTITUT 3.500% 09/01/2023 DD 07/22/13	2,398,256	2,409,756
128,000	HUNTINGTON NATIONAL BANK/THE 1.700% 02/26/2018 DD 02/26/15	128,090	127,950
1,350,000	HUNTINGTON NATIONAL BANK/THE 2.200% 11/06/2018 DD 11/06/15	1,357,290	1,351,202
1,240,000	INTERSTATE POWER & LIGHT CO 3.250% 12/01/2024 DD 11/24/14	1,251,867	1,255,810
1,175,000	METLIFE INC 3.600% 04/10/2024 DD 04/10/14	1,229,767	1,229,250
3,265,000	MORGAN STANLEY VAR RT 07/22/2028 DD 07/24/17	3,276,725	3,295,038
440,000	PNC BANK NA 2.400% 10/18/2019 DD 09/18/14	445,808	440,651
955,000	PNC BANK NA 2.300% 06/01/2020 DD 06/01/15	961,532	954,055
2,260,000	PNC BANK NA 1.700% 12/07/2018 DD 12/09/16	2,262,451	2,253,310
1,660,000	PNC BANK NA 2.000% 05/19/2020 DD 05/19/17	1,658,124	1,646,488
1,195,000	PACIFIC GAS & ELECTRIC CO 3.750% 02/15/2024 DD 02/21/14	1,244,736	1,238,892
1,405,000	PHILIP MORRIS INTERNATIONAL IN 2.125% 05/10/2023 DD 05/10/16	1,339,653	1,355,024
1,000,000	SOUTHERN CALIFORNIA EDISON CO 2.400% 02/01/2022 DD 01/16/15	997,130	992,820
700,000	US BANK NA/CINCINNATI OH 2.800% 01/27/2025 DD 01/27/15	691,572	695,282
1,391,000	WELLS FARGO & CO 3.550% 09/29/2025 DD 09/28/15	1,423,800	1,427,820
530,000	WELLS FARGO BANK NA 2.150% 12/06/2019 DD 12/08/16	532,687	529,184
1,055,000	WESTAR ENERGY INC 3.100% 04/01/2027 DD 03/06/17	1,050,907	1,060,866
1,800,000	WEC ENERGY GROUP INC 2.450% 06/15/2020 DD 06/10/15	1,828,116	1,803,474
505,000	ABBOTT LABORATORIES 2.550% 03/15/2022 DD 03/10/15	493,562	499,788
745,000	ALABAMA POWER CO 2.450% 03/30/2022 DD 03/03/17	744,389	740,329
685,000	AMAZON.COM INC 144A 2.800% 08/22/2024 DD 08/22/17	683,226	682,918
490,000	AMERICAN EXPRESS CREDIT CORP 2.600% 09/14/2020 DD 09/14/15	494,096	492,479
1,000,000	AMERICAN EXPRESS CREDIT CORP 1.875% 11/05/2018 DD 11/05/15	1,001,450	999,550
1,900,000	AMERICAN EXPRESS CREDIT CORP 1.875% 05/03/2019 DD 05/03/17	1,899,221	1,892,362
500,000	AMGEN INC 2.650% 05/11/2022 DD 05/11/17	503,535	498,655
1,640,000	ANHEUSER-BUSCH INBEV FINANCE I 2.150% 02/01/2019 DD 01/27/14	1,650,152	1,641,886
2,170,000	ANHEUSER-BUSCH INBEV FINANCE I 2.650% 02/01/2021 DD 01/25/16	2,182,478	2,180,893

3,555,000	ANHEUSER-BUSCH INBEV FINANCE I 3.300% 02/01/2023 DD 01/25/16	3,618,030	3,637,796
890,000	ANHEUSER-BUSCH INBEV FINANCE I 3.650% 02/01/2026 DD 01/25/16	896,784	918,462
550,000	APPLE INC 3.200% 05/13/2025 DD 05/13/15	552,283	561,105
2,155,000	APPLE INC 2.850% 02/23/2023 DD 02/23/16	2,168,426	2,184,200
375,000	APPLE INC 2.450% 08/04/2026 DD 08/04/16	351,956	359,419
615,000	APPLE INC 2.900% 09/12/2027 DD 09/12/17	614,311	607,718
2,350,000	BANK OF AMERICA CORP 2.503% 10/21/2022 DD 10/21/16	2,272,756	2,324,996
1,070,000	BANK OF AMERICA CORP VAR RT 04/24/2028 DD 04/24/17	1,070,000	1,098,237
1,845,000	BANK OF AMERICA CORP VAR RT 07/21/2021 DD 07/21/17	1,845,000	1,841,771
4,042,000	BANK OF AMERICA CORP 144A VAR RT 12/20/2023 DD 12/20/17	4,095,222	4,052,388
563,000	BANK OF AMERICA CORP 144A VAR RT 12/20/2028 DD 12/20/17	560,027	563,124
1,905,000	BANK OF NEW YORK MELLON CORP/T VAR RT 10/30/2023 DD 10/31/16	1,934,489	1,957,216
1,435,000	BANK OF NEW YORK MELLON CORP/T 2.450% 11/27/2020 DD 11/27/15	1,435,517	1,440,338
1,975,000	BANK OF NEW YORK MELLON CORP/T VAR RT 05/16/2023 DD 05/16/17	1,975,000	1,973,953
2,235,000	BECTON DICKINSON AND CO 2.894% 06/06/2022 DD 06/06/17	2,235,000	2,221,031
3,225,000	BERKSHIRE HATHAWAY ENERGY CO 2.400% 02/01/2020 DD 12/04/14	3,233,772	3,240,061
300,000	BOSTON GAS CO 144A 3.150% 08/01/2027 DD 08/03/17	299,718	299,034
3,680,000	BROADCOM CORP / BROADCOM 144A 3.000% 01/15/2022 DD 01/19/17	3,663,942	3,648,830
90,000	BURLINGTON NORTHERN SANTA FE L 3.000% 03/15/2023 DD 03/12/13	91,093	91,689
710,000	BURLINGTON NORTHERN SANTA FE L 3.850% 09/01/2023 DD 08/22/13	751,862	750,612
300,000	BURLINGTON NORTHERN SANTA FE L 3.750% 04/01/2024 DD 03/07/14	315,381	317,550
220,000	BURLINGTON NORTHERN SANTA FE L 3.250% 06/15/2027 DD 03/09/17	219,443	225,049
970,000	BURLINGTON NORTHERN SANTA FE L 4.700% 10/01/2019 DD 09/24/09	1,043,167	1,011,080
1,455,000	CIGNA CORP 3.050% 10/15/2027 DD 09/14/17	1,452,206	1,429,159
1,500,000	CATERPILLAR FINANCIAL SERVICES 1.850% 09/04/2020 DD 09/07/17	1,498,740	1,482,495
395,000	CITIGROUP INC VAR RT 05/17/2024 DD 05/17/17	395,000	401,075
3,970,000	CITIBANK NA 2.100% 06/12/2020 DD 06/12/17	3,968,293	3,944,036
705,000	COMCAST CORP 5.700% 05/15/2018 DD 05/07/08	744,212	715,004
720,000	COMCAST CORP 3.375% 08/15/2025 DD 05/27/15	724,349	738,922
355,000	CONCHO RESOURCES INC 3.750% 10/01/2027 DD 09/26/17	353,708	359,636
2,380,000	CONSTELLATION BRANDS INC 2.650% 11/07/2022 DD 11/07/17	2,370,052	2,354,701
390,000	COX COMMUNICATIONS INC 144A 3.150% 08/15/2024 DD 08/07/17	389,462	384,103
1,400,000	DAIMLER FINANCE NORTH AME 144A 1.650% 03/02/2018 DD 03/02/15	1,398,180	1,399,524
2,365,000	JOHN DEERE CAPITAL CORP 1.950% 06/22/2020 DD 06/22/17	2,363,557	2,348,232
175,000	DIGNITY HEALTH 2.637% 11/01/2019 DD 10/15/14	176,524	174,790
270,000	WALT DISNEY CO/THE 1.850% 07/30/2026 DD 07/12/16	247,038	247,263
530,000	DISCOVERY COMMUNICATIONS LLC 4.900% 03/11/2026 DD 03/11/16	566,936	565,409
220,000	DOMINION ENERGY INC 2.850% 08/15/2026 DD 08/09/16	205,971	212,463
955,000	EI DU PONT DE NEMOURS & CO 2.200% 05/01/2020 DD 05/02/17	953,950	954,160
375,000	DUKE ENERGY INDIANA LLC 3.750% 07/15/2020 DD 07/09/10	393,491	388,943
1,570,000	DUKE ENERGY CORP 3.750% 04/15/2024 DD 04/04/14	1,619,031	1,639,724
580,000	DUKE ENERGY CAROLINAS LLC 2.500% 03/15/2023 DD 03/11/16	574,844	574,821
570,000	EXXON MOBIL CORP 3.043% 03/01/2026 DD 03/03/16	569,231	578,801
1,420,000	EXXON MOBIL CORP 2.222% 03/01/2021 DD 03/03/16	1,423,252	1,416,819
585,000	FIDELITY NATIONAL INFORMATION 2.250% 08/15/2021 DD 08/16/16	570,393	575,137
859,000	GENERAL ELECTRIC CO 3.100% 01/09/2023 DD 01/08/13	870,579	872,461
1,045,000	GEORGIA POWER CO 2.400% 04/01/2021 DD 03/08/16	1,038,312	1,035,605
505,000	GILEAD SCIENCES INC 3.500% 02/01/2025 DD 11/17/14	510,585	522,276
1,250,000	GOLDMAN SACHS GROUP INC/THE 7.500% 02/15/2019 DD 02/05/09	1,385,725	1,321,050
1,250,000	GOLDMAN SACHS GROUP INC/THE VAR RT 11/29/2023 DD 11/29/13	1,288,763	1,301,038
3,275,000	GOLDMAN SACHS GROUP INC/THE 5.750% 01/24/2022 DD 01/24/12	3,681,821	3,631,418
1,355,000	GOLDMAN SACHS GROUP INC/THE VAR RT 06/05/2028 DD 06/05/17	1,355,000	1,374,593
1,220,000	GOLDMAN SACHS GROUP INC/THE VAR RT 07/24/2023 DD 07/24/17	1,220,000	1,211,484
1,000,000	GOLDMAN SACHS GROUP INC/THE 2.900% 07/19/2018 DD 07/19/13	1,013,810	1,004,550
2,300,000	GOLDMAN SACHS GROUP INC/THE 3.750% 05/22/2025 DD 05/22/15	2,305,980	2,369,575
1,110,000	GOLDMAN SACHS GROUP INC/THE VAR RT 10/31/2022 DD 10/31/17	1,110,000	1,106,814
895,000	HSBC USA INC 1.625% 01/16/2018 DD 12/20/12	893,434	894,937
640,000	HSBC USA INC 2.350% 03/05/2020 DD 03/05/15	634,995	639,917
1,675,000	HSBC USA INC 2.000% 08/07/2018 DD 08/07/15	1,674,565	1,675,235
2,095,000	HESS CORP 4.300% 04/01/2027 DD 09/28/16	2,081,548	2,100,133
830,000	INTEL CORP 2.875% 05/11/2024 DD 05/11/17	829,793	837,611
385,000	INTERCONTINENTAL EXCHANGE INC 2.750% 12/01/2020 DD 11/24/15	386,644	388,991
2,170,000	JPMORGAN CHASE & CO 1.700% 03/01/2018 DD 03/02/15	2,169,805	2,169,783
4,800,000	JPMORGAN CHASE & CO 4.250% 10/15/2020 DD 10/21/10	5,079,552	5,032,896

3,780,000	JPMORGAN CHASE & CO 2.700% 05/18/2023 DD 05/18/16	3,698,314	3,755,203
1,595,000	JPMORGAN CHASE & CO 2.950% 10/01/2026 DD 07/21/16	1,525,281	1,566,673
710,000	JPMORGAN CHASE & CO VAR RT 10/24/2023 DD 10/24/16	724,179	728,382
1,015,000	JOHNSON & JOHNSON 2.450% 03/01/2026 DD 03/01/16	970,776	989,808
340,000	KEYCORP 2.900% 09/15/2020 DD 09/15/15	344,029	343,182
2,875,000	KEYBANK NA/CLEVELAND OH 1.700% 06/01/2018 DD 06/01/15	2,873,390	2,872,815
650,000	KRAFT HEINZ FOODS CO 3.500% 07/15/2022 DD 07/15/16	659,822	664,788
1,095,000	ELI LILLY & CO 2.350% 05/15/2022 DD 05/09/17	1,093,347	1,091,956
360,000	LOWE'S COS INC 3.100% 05/03/2027 DD 05/03/17	359,446	361,274
1,145,000	MARSH & MCLENNAN COS INC 2.750% 01/30/2022 DD 01/12/17	1,151,680	1,147,313
1,275,000	MERCK & CO INC 2.350% 02/10/2022 DD 02/10/15	1,266,062	1,273,292
1,045,000	MICROSOFT CORP 2.650% 11/03/2022 DD 11/03/15	1,051,082	1,052,660
600,000	MICROSOFT CORP 2.400% 08/08/2026 DD 08/08/16	566,820	578,622
1,395,000	MICROSOFT CORP 2.875% 02/06/2024 DD 02/06/17	1,384,844	1,415,200
3,420,000	MORGAN STANLEY 4.000% 07/23/2025 DD 07/23/15	3,505,568	3,580,911
405,000	MORGAN STANLEY 2.750% 05/19/2022 DD 05/19/17	404,154	403,514
2,325,000	MORGAN STANLEY 2.625% 11/17/2021 DD 11/17/16	2,297,459	2,314,398
1,155,000	MORGAN STANLEY 3.125% 07/27/2026 DD 07/25/16	1,103,464	1,139,211
1,800,000	MORGAN STANLEY 2.800% 06/16/2020 DD 06/16/15	1,814,724	1,816,236
1,095,000	NATIONAL RURAL UTILITIES COOPE 2.000% 01/27/2020 DD 01/27/15	1,087,083	1,091,277
930,000	NATIONAL RURAL UTILITIES COOPE 2.300% 11/01/2020 DD 10/27/15	924,439	929,107
2,140,000	NEW YORK LIFE GLOBAL FUND 144A 2.000% 04/13/2021 DD 04/13/16	2,117,359	2,111,945
975,000	NISSAN MOTOR ACCEPTANCE C 144A 2.150% 09/28/2020 DD 09/28/17	974,181	966,937
245,000	ONCOR ELECTRIC DELIVERY CO LLC 7.000% 09/01/2022 DD 08/30/02	299,040	289,497
2,125,000	PNC FINANCIAL SERVICES GROUP I STEP 11/09/2022 DD 06/10/2012	2,105,429	2,128,740
520,000	PNC BANK NA 2.400% 10/18/2019 DD 09/18/14	524,789	520,770
1,550,000	PNC BANK NA 1.850% 07/20/2018 DD 07/21/15	1,552,697	1,548,652
1,485,000	PEPSICO INC 2.000% 04/15/2021 DD 10/10/17	1,484,703	1,468,116
1,740,000	PHILIP MORRIS INTERNATIONAL IN 3.250% 11/10/2024 DD 11/10/14	1,751,797	1,768,553
1,165,000	PHILIP MORRIS INTERNATIONAL IN 2.000% 02/21/2020 DD 02/21/17	1,157,870	1,157,754
1,100,000	PHILIP MORRIS INTERNATIONAL IN 2.375% 08/17/2022 DD 08/17/17	1,094,907	1,083,852
515,000	PHILLIPS 66 PARTNERS LP 3.550% 10/01/2026 DD 10/14/16	498,402	510,427
275,000	SOUTHERN CO GAS CAPITAL CORP 2.450% 10/01/2023 DD 09/13/16	263,753	266,140
270,000	THERMO FISHER SCIENTIFIC INC 2.950% 09/19/2026 DD 09/19/16	254,948	262,362
565,000	TOYOTA MOTOR CREDIT CORP 3.300% 01/12/2022 DD 01/12/12	583,679	582,572
2,575,000	TOYOTA MOTOR CREDIT CORP 1.550% 10/18/2019 DD 10/18/16	2,543,843	2,552,134
2,000,000	TOYOTA MOTOR CREDIT CORP 1.950% 04/17/2020 DD 04/17/17	1,999,080	1,991,940
300,000	UNITEDHEALTH GROUP INC 2.875% 03/15/2023 DD 02/28/13	301,029	303,447
1,500,000	UNITEDHEALTH GROUP INC 2.300% 12/15/2019 DD 12/08/14	1,511,265	1,503,885
1,645,000	UNITEDHEALTH GROUP INC 1.900% 07/16/2018 DD 07/23/15	1,652,304	1,645,658
260,000	UNITEDHEALTH GROUP INC 3.750% 07/15/2025 DD 07/23/15	269,160	274,048
285,000	UNITEDHEALTH GROUP INC 3.100% 03/15/2026 DD 02/25/16	281,096	287,106
1,755,000	VALERO ENERGY CORP 3.400% 09/15/2026 DD 09/12/16	1,679,711	1,762,143
695,000	VERIZON COMMUNICATIONS INC 3.125% 03/16/2022 DD 03/16/17	691,435	704,667
480,000	VISA INC 2.800% 12/14/2022 DD 12/14/15	482,688	487,032
950,000	WALMART INC 1.900% 12/15/2020 DD 10/20/17	948,623	943,882
1,405,000	WELLS FARGO & CO 2.500% 03/04/2021 DD 03/04/16	1,394,589	1,404,354
2,220,000	WELLS FARGO & CO 2.100% 07/26/2021 DD 07/25/16	2,160,193	2,182,837
780,000	WELLS FARGO & CO VAR RT 10/31/2023 DD 10/31/16	789,625	800,740
980,000	WELLS FARGO & CO 3.069% 01/24/2023 DD 01/24/17	980,000	987,360
695,000	WELLS FARGO & CO 3.450% 02/13/2023 DD 02/13/13	697,502	708,240
1,210,000	WELLS FARGO & CO 3.300% 09/09/2024 DD 09/09/14	1,197,598	1,228,767
1,495,000	WELLS FARGO & CO 3.550% 09/29/2025 DD 09/28/15	1,486,778	1,534,573
1,035,000	WELLS FARGO BANK NA 1.750% 05/24/2019 DD 06/02/16	1,030,001	1,029,245
2,675,000	WELLS FARGO & CO VAR RT 05/22/2028 DD 05/22/17	2,675,000	2,727,056
1,065,000	XEROX CORP 3.625% 03/15/2023 DD 09/11/17	1,064,148	1,038,929
5,230,000	AT&T INC 5.550% 08/15/2041 DD 08/18/11	5,445,215	5,684,016
5,845,000	AT&T INC 4.500% 03/09/2048 DD 09/07/16	5,273,008	5,476,648
2,305,000	AT&T INC 5.150% 02/14/2050 DD 08/07/17	2,299,906	2,333,720
3,745,000	ABBOTT LABORATORIES 4.750% 11/30/2036 DD 11/22/16	3,807,242	4,207,882
2,065,000	ABBVIE INC 4.400% 11/06/2042 DD 05/06/13	1,942,649	2,213,990
1,760,000	ABBVIE INC 4.500% 05/14/2035 DD 05/14/15	1,729,253	1,933,078
1,725,000	AETNA INC 4.750% 03/15/2044 DD 03/07/14	1,814,683	1,925,807
1,800,000	AMAZON.COM INC 144A 4.050% 08/22/2047 DD 08/22/17	1,786,698	1,939,896

4,155,000	AMERICAN EXPRESS CO 3.000% 10/30/2024 DD 10/30/17	4,152,382	4,148,103
1,890,000	AMERICAN INTERNATIONAL GROUP I 3.875% 01/15/2035 DD 01/15/15	1,771,502	1,897,125
690,000	AMERICAN INTERNATIONAL GROUP I 4.800% 07/10/2045 DD 07/10/15	716,165	773,863
1,185,000	AMGEN INC 5.150% 11/15/2041 DD 11/10/11	1,252,723	1,422,130
1,605,000	APPLE INC 3.750% 11/13/2047 DD 11/13/17	1,591,839	1,650,743
1,165,000	AUTOZONE INC 3.750% 06/01/2027 DD 04/18/17	1,164,942	1,182,370
1,255,000	BANK OF AMERICA CORP 5.875% 02/07/2042 DD 02/07/12	1,516,856	1,661,821
965,000	BANK OF AMERICA CORP 4.450% 03/03/2026 DD 03/03/16	994,471	1,030,041
2,035,000	BAXALTA INC 4.000% 06/23/2025 DD 12/23/15	2,067,916	2,103,335
3,145,000	CSX CORP 4.750% 05/30/2042 DD 11/01/11	3,273,662	3,524,664
1,695,000	CVS HEALTH CORP 3.875% 07/20/2025 DD 07/20/15	1,761,783	1,745,630
630,000	CVS HEALTH CORP 5.125% 07/20/2045 DD 07/20/15	707,509	722,037
915,000	CARDINAL HEALTH INC 3.500% 11/15/2024 DD 11/19/14	925,138	919,236
1,090,000	CELGENE CORP 3.875% 08/15/2025 DD 08/12/15	1,117,966	1,128,248
1,400,000	CITIGROUP INC 5.875% 01/30/2042 DD 01/26/12	1,658,678	1,841,308
1,455,000	CITIGROUP INC 4.400% 06/10/2025 DD 06/10/15	1,488,538	1,535,796
2,130,000	CITIGROUP INC 3.400% 05/01/2026 DD 05/02/16	2,099,072	2,142,716
2,270,000	CITIGROUP INC 4.750% 05/18/2046 DD 05/18/16	2,272,611	2,502,335
4,050,000	CITIGROUP INC 3.200% 10/21/2026 DD 10/21/16	3,915,743	4,018,370
290,000	DEVON ENERGY CORP 5.600% 07/15/2041 DD 07/12/11	298,700	341,814
2,270,000	DEVON ENERGY CORP 4.750% 05/15/2042 DD 05/14/12	2,230,774	2,403,703
3,240,000	DOMINION ENERGY INC 4.050% 09/15/2042 DD 09/13/12	3,006,461	3,334,187
1,650,000	DOMINION ENERGY INC 4.700% 12/01/2044 DD 11/25/14	1,696,283	1,871,183
3,295,000	DOW CHEMICAL CO/THE 4.250% 10/01/2034 DD 09/16/14	3,247,420	3,463,210
1,530,000	DUKE ENERGY PROGRESS LLC 3.600% 09/15/2047 DD 09/08/17	1,527,751	1,533,810
1,815,000	EMD FINANCE LLC 144A 2.950% 03/19/2022 DD 03/19/15	1,807,304	1,822,805
685,000	ENTERPRISE PRODUCTS OPERATING 5.100% 02/15/2045 DD 02/12/14	722,435	781,633
1,000,000	ENTERPRISE PRODUCTS OPERATING 4.900% 05/15/2046 DD 05/07/15	1,042,180	1,101,800
2,245,000	EXELON GENERATION CO LLC 6.250% 10/01/2039 DD 09/23/09	2,260,423	2,626,223
1,760,000	EXELON CORP 5.100% 06/15/2045 DD 12/15/15	1,870,880	2,077,381
525,000	FEDEX CORP 3.900% 02/01/2035 DD 01/09/15	504,121	533,342
265,000	GENERAL MILLS INC 5.400% 06/15/2040 DD 06/01/10	300,587	315,509
1,240,000	HESS CORP 5.600% 02/15/2041 DD 08/10/10	1,253,814	1,337,166
3,330,000	HUMANA INC 3.850% 10/01/2024 DD 09/19/14	3,448,182	3,463,433
2,410,000	KINDER MORGAN ENERGY PARTNERS 5.500% 03/01/2044 DD 02/24/14	2,474,709	2,567,108
2,330,000	KINDER MORGAN INC/DE 5.550% 06/01/2045 DD 11/26/14	2,450,624	2,549,929
2,335,000	KRAFT HEINZ FOODS CO 5.000% 06/04/2042 DD 12/04/12	2,390,900	2,505,502
1,125,000	KRAFT HEINZ FOODS CO 6.875% 01/26/2039 DD 07/26/12	1,413,394	1,480,939
620,000	KRAFT HEINZ FOODS CO 4.375% 06/01/2046 DD 05/24/16	589,325	614,141
1,375,000	KRAFT HEINZ FOODS CO 5.000% 07/15/2035 DD 07/15/16	1,442,513	1,501,184
4,210,000	LOCKHEED MARTIN CORP 4.070% 12/15/2042 DD 12/14/12	4,228,524	4,432,035
1,450,000	LOCKHEED MARTIN CORP 4.700% 05/15/2046 DD 11/23/15	1,577,209	1,691,730
2,160,000	MARATHON OIL CORP 6.600% 10/01/2037 DD 09/27/07	2,483,525	2,706,329
1,065,000	MARSH & MCLENNAN COS INC 3.500% 03/10/2025 DD 09/10/14	1,072,253	1,097,216
1,010,000	MCDONALD'S CORP 4.600% 05/26/2045 DD 05/26/15	1,052,460	1,127,483
1,525,000	MEDTRONIC INC 4.375% 03/15/2035 DD 03/15/15	1,613,343	1,719,148
1,220,000	BANK OF AMERICA CORP 6.110% 01/29/2037 DD 01/29/07	1,430,206	1,559,721
410,000	BERKSHIRE HATHAWAY ENERGY CO 6.125% 04/01/2036 DD 10/01/06	512,041	547,973
770,000	BERKSHIRE HATHAWAY ENERGY CO 5.950% 05/15/2037 DD 05/11/07	965,295	1,008,792
915,000	MORGAN STANLEY 3.875% 04/29/2024 DD 04/28/14	938,397	955,333
2,105,000	MORGAN STANLEY 4.300% 01/27/2045 DD 01/27/15	2,097,780	2,270,411
1,445,000	MORGAN STANLEY 6.375% 07/24/2042 DD 07/24/12	1,857,071	2,009,056
470,000	MORGAN STANLEY 3.700% 10/23/2024 DD 10/23/14	475,598	485,665
4,110,000	MOTIVA ENTERPRISES LLC 144A 6.850% 01/15/2040 DD 01/11/10	4,968,743	5,161,585
1,350,000	NOBLE ENERGY INC 5.050% 11/15/2044 DD 11/07/14	1,393,511	1,446,053
3,800,000	NORTHROP GRUMMAN CORP 4.750% 06/01/2043 DD 05/31/13	4,216,138	4,388,772
1,135,000	ORACLE CORP 4.000% 11/15/2047 DD 11/09/17	1,129,677	1,208,639
1,140,000	JM SMUCKER CO/THE 4.250% 03/15/2035 DD 09/15/15	1,150,921	1,210,361
765,000	SUNOCO LOGISTICS PARTNERS OPER 5.350% 05/15/2045 DD 11/17/14	738,730	760,188
1,185,000	THERMO FISHER SCIENTIFIC INC 4.100% 08/15/2047 DD 08/14/17	1,171,076	1,220,775
2,465,000	TIME WARNER INC 5.350% 12/15/2043 DD 12/16/13	2,551,127	2,718,575
2,230,000	TIME WARNER CABLE LLC 5.875% 11/15/2040 DD 11/15/10	2,435,807	2,419,528
1,850,000	21ST CENTURY FOX AMERICA INC 6.400% 12/15/2035 DD 12/23/05	2,210,103	2,458,558
880,000	21ST CENTURY FOX AMERICA INC 6.150% 03/01/2037 DD 03/02/07	1,065,134	1,152,483

1,465,000	21ST CENTURY FOX AMERICA INC 6.650% 11/15/2037 DD 11/14/07	1,802,770	2,014,976
3,065,000	VERIZON COMMUNICATIONS INC 4.750% 11/01/2041 DD 11/03/11	3,026,534	3,124,645
3,810,000	VERIZON COMMUNICATIONS INC 3.850% 11/01/2042 DD 11/07/12	3,301,517	3,446,336
4,775,000	VERIZON COMMUNICATIONS INC 4.522% 09/15/2048 DD 03/13/15	4,390,422	4,701,704
2,620,000	VERIZON COMMUNICATIONS INC 5.250% 03/16/2037 DD 03/16/17	2,599,826	2,881,162
1,665,000	VERIZON COMMUNICATIONS INC 4.500% 08/10/2033 DD 08/10/17	1,660,305	1,746,302
1,865,000	WALGREENS BOOTS ALLIANCE INC 4.500% 11/18/2034 DD 11/18/14	1,883,774	1,947,377
2,145,000	WASTE MANAGEMENT INC 4.100% 03/01/2045 DD 02/26/15	2,122,842	2,303,430
1,270,000	ANTHEM INC 4.650% 01/15/2043 DD 09/10/12	1,274,953	1,392,580
1,020,000	ANTHEM INC 4.650% 08/15/2044 DD 08/12/14	1,062,799	1,120,195
2,045,000	AT&T INC 5.550% 08/15/2041 DD 08/18/11	2,157,782	2,222,526
2,700,000	AT&T INC 4.350% 06/15/2045 DD 06/15/13	2,405,781	2,491,020
1,650,000	AT&T INC 5.150% 03/15/2042 DD 03/15/16	1,672,677	1,711,991
2,264,000	AT&T INC 4.500% 03/09/2048 DD 09/07/16	2,034,362	2,121,323
2,330,000	AT&T INC 5.250% 03/01/2037 DD 02/09/17	2,359,164	2,464,255
2,995,000	AT&T INC 4.900% 08/14/2037 DD 08/07/17	2,989,669	3,032,737
1,875,000	AT&T INC 5.150% 02/14/2050 DD 08/07/17	1,862,081	1,898,363
1,625,000	ABBOTT LABORATORIES 4.750% 11/30/2036 DD 11/22/16	1,674,560	1,825,850
395,000	ABBVIE INC 4.400% 11/06/2042 DD 05/06/13	371,596	423,499
1,930,000	ABBVIE INC 4.500% 05/14/2035 DD 05/14/15	1,911,187	2,119,796
1,370,000	ABBVIE INC 4.700% 05/14/2045 DD 05/14/15	1,382,364	1,536,154
665,000	AETNA INC 4.125% 11/15/2042 DD 11/07/12	634,423	673,492
645,000	ALTRIA GROUP INC 4.250% 08/09/2042 DD 08/09/12	634,757	676,915
500,000	ALTRIA GROUP INC 5.375% 01/31/2044 DD 10/31/13	577,560	608,235
1,325,000	AMAZON.COM INC 4.950% 12/05/2044 DD 12/05/14	1,511,229	1,610,617
3,130,000	AMAZON.COM INC 144A 4.050% 08/22/2047 DD 08/22/17	3,164,736	3,373,264
960,000	AMERICAN FINANCIAL GROUP INC/O 4.500% 06/15/2047 DD 06/02/17	982,790	998,237
1,390,000	AMERICAN INTERNATIONAL GROUP I 4.500% 07/16/2044 DD 07/16/14	1,370,156	1,497,169
175,000	AMERICAN TOWER CORP 4.400% 02/15/2026 DD 01/12/16	178,824	184,028
1,570,000	AMERICAN TOWER CORP 3.375% 10/15/2026 DD 05/13/16	1,486,303	1,542,494
740,000	AMERICAN TOWER CORP 3.125% 01/15/2027 DD 09/30/16	682,768	712,435
835,000	AMGEN INC 5.150% 11/15/2041 DD 11/10/11	911,620	1,002,092
990,000	ANADARKO PETROLEUM CORP 6.200% 03/15/2040 DD 03/16/10	1,152,241	1,200,425
370,000	ANADARKO PETROLEUM CORP 6.450% 09/15/2036 DD 09/19/06	441,699	453,180
1,530,000	ANDEAVOR LOGISTICS LP / TESORO 5.200% 12/01/2047 DD 11/28/17	1,524,920	1,595,729
2,095,000	APPLE INC 3.750% 11/13/2047 DD 11/13/17	2,077,821	2,154,708
550,000	AT&T INC 5.350% 09/01/2040 DD 03/01/11	578,941	580,410
735,000	BAT CAPITAL CORP 144A 4.390% 08/15/2037 DD 08/15/17	735,000	771,824
1,025,000	BAKER HUGHES A GE CO LLC 144A 4.080% 12/15/2047 DD 12/11/17	1,025,000	1,042,497
1,000,000	BALTIMORE GAS & ELECTRIC CO 6.350% 10/01/2036 DD 04/01/07	1,269,490	1,332,750
365,000	BANK OF AMERICA CORP 5.000% 01/21/2044 DD 01/21/14	401,423	440,913
575,000	BANK OF AMERICA CORP 4.875% 04/01/2044 DD 04/01/14	623,915	688,390
2,700,000	BANK OF AMERICA CORP 4.750% 04/21/2045 DD 04/21/15	2,737,827	3,061,773
1,200,000	BANK OF AMERICA CORP 4.183% 11/25/2027 DD 11/25/16	1,227,420	1,253,124
1,230,000	BAXALTA INC 5.250% 06/23/2045 DD 12/23/15	1,354,594	1,433,479
615,000	BECTON DICKINSON AND CO 4.685% 12/15/2044 DD 12/15/14	610,392	672,503
285,000	WR BERKLEY CORP 6.250% 02/15/2037 DD 02/14/07	330,942	355,053
95,000	BUCKEYE PARTNERS LP 5.600% 10/15/2044 DD 09/12/14	96,756	99,820
1,240,000	CIGNA CORP 3.875% 10/15/2047 DD 09/14/17	1,230,642	1,241,488
710,000	CVS HEALTH CORP 5.125% 07/20/2045 DD 07/20/15	791,032	813,724
308,000	CARDINAL HEALTH INC 4.600% 03/15/2043 DD 02/22/13	315,920	317,129
895,000	CELGENE CORP 5.000% 08/15/2045 DD 08/12/15	954,005	1,015,458
170,000	CENTERPOINT ENERGY HOUSTON ELE 6.950% 03/15/2033 DD 09/15/03	226,374	236,541
2,370,000	CHARTER COMMUNICATIONS OPERATI 5.375% 05/01/2047 DD 11/01/17	2,426,721	2,430,080
1,240,000	CHURCH & DWIGHT CO INC 3.950% 08/01/2047 DD 07/25/17	1,218,234	1,244,464
259,000	CITIGROUP INC 6.125% 08/25/2036 DD 08/25/06	300,531	326,345
2,425,000	CITIGROUP INC 5.875% 01/30/2042 DD 01/26/12	2,873,067	3,189,409
295,000	CITIGROUP INC VAR RT 01/10/2028 DD 01/10/17	295,000	305,349
2,185,000	CITIGROUP INC VAR RT 04/24/2048 DD 04/25/17	2,185,000	2,372,255
1,310,000	CLEVELAND ELECTRIC ILLUMINATIN 5.950% 12/15/2036 DD 12/11/06	1,644,239	1,632,339
260,000	COLUMBIA PIPELINE GROUP INC 5.800% 06/01/2045 DD 12/01/15	298,992	324,527
735,000	CONOCOPHILLIPS 5.900% 10/15/2032 DD 10/09/02	847,374	910,165
695,000	CORNING INC 4.375% 11/15/2057 DD 11/13/17	694,736	689,927
980,000	DARDEN RESTAURANTS INC VAR RT 10/15/2037 DD 10/16/07	1,248,236	1,313,180

785,000	DEVON ENERGY CORP 5.600% 07/15/2041 DD 07/12/11	886,375	925,256
235,000	DEVON ENERGY CORP 5.000% 06/15/2045 DD 06/16/15	230,850	262,154
1,645,000	DELL INTERNATIONAL LLC / 144A 8.350% 07/15/2046 DD 06/01/16	2,114,036	2,119,648
305,000	DISCOVERY COMMUNICATIONS LLC 5.000% 09/20/2037 DD 09/21/17	304,695	316,007
1,040,000	DISCOVERY COMMUNICATIONS LLC 5.200% 09/20/2047 DD 09/21/17	1,062,474	1,085,469
850,000	DOMINION ENERGY INC 6.300% 03/15/2033 DD 03/06/03	1,011,245	1,079,883
720,000	DOMINION ENERGY INC 5.950% 06/15/2035 DD 06/20/05	831,996	909,374
1,095,000	DOW CHEMICAL CO/THE 7.375% 11/01/2029 DD 11/01/99	1,438,830	1,460,303
170,000	DR PEPPER SNAPPLE GROUP I 144A 4.500% 11/15/2045 DD 05/15/17	181,766	182,670
475,000	ERP OPERATING LP 4.000% 08/01/2047 DD 08/03/17	464,199	488,728
1,400,000	EMERA US FINANCE LP 4.750% 06/15/2046 DD 12/15/16	1,431,103	1,532,748
275,000	ENBRIDGE ENERGY PARTNERS LP 7.375% 10/15/2045 DD 10/06/15	351,926	365,409
546,000	ENERGY TRANSFER PARTNERS LP 7.500% 07/01/2038 DD 03/28/08	633,071	677,002
1,085,000	ENERGY TRANSFER PARTNERS LP 5.300% 04/15/2047 DD 01/17/17	1,072,095	1,076,602
955,000	ENTERGY LOUISIANA LLC 3.050% 06/01/2031 DD 05/19/16	904,213	925,223
745,000	ENTERPRISE PRODUCTS OPERATING 7.550% 04/15/2038 DD 10/15/09	962,674	1,043,402
240,000	ENTERPRISE PRODUCTS OPERATING 4.850% 08/15/2042 DD 02/15/12	243,610	263,549
585,000	ENTERPRISE PRODUCTS OPERATING 4.450% 02/15/2043 DD 08/13/12	590,508	605,586
1,880,000	ENTERPRISE PRODUCTS OPERATING 5.100% 02/15/2045 DD 02/12/14	2,015,045	2,145,212
2,190,000	EXELON GENERATION CO LLC 5.750% 10/01/2041 DD 09/30/10	2,262,662	2,399,868
700,000	EXELON CORP 4.950% 06/15/2035 DD 12/15/15	742,637	798,245
330,000	EXELON CORP 4.450% 04/15/2046 DD 04/07/16	323,047	358,618
237,000	EXPRESS SCRIPTS HOLDING CO 6.125% 11/15/2041 DD 11/15/12	270,218	290,635
585,000	FEDEX CORP 4.100% 02/01/2045 DD 01/09/15	554,100	603,006
365,000	FEDEX CORP 4.550% 04/01/2046 DD 03/24/16	370,482	400,847
425,000	FEDEX CORP 4.400% 01/15/2047 DD 01/06/17	422,459	453,488
640,000	FIFTH THIRD BANCORP 8.250% 03/01/2038 DD 03/04/08	889,626	977,286
575,000	FIRSTENERGY CORP 7.375% 11/15/2031 DD 11/15/01	762,979	775,503
1,025,000	FORD MOTOR CO 6.625% 10/01/2028 DD 09/30/98	1,206,198	1,251,812
670,000	FORD MOTOR CO 7.450% 07/16/2031 DD 07/16/99	840,884	875,831
1,430,000	FORD MOTOR CO 5.291% 12/08/2046 DD 12/08/16	1,437,611	1,556,140
2,150,000	GENERAL MOTORS CO 5.000% 04/01/2035 DD 11/12/14	2,126,608	2,278,420
1,182,000	GENERAL MOTORS CO 5.200% 04/01/2045 DD 11/12/14	1,171,048	1,248,948
100,000	GENERAL MOTORS CO 6.750% 04/01/2046 DD 02/23/16	117,269	125,907
580,000	GENERAL MOTORS CO 5.150% 04/01/2038 DD 08/07/17	579,635	618,367
3,020,000	GENERAL MOTORS FINANCIAL CO IN 3.500% 11/07/2024 DD 11/07/17	3,015,530	3,013,839
1,060,000	GOLDMAN SACHS GROUP INC/THE 5.950% 01/15/2027 DD 11/09/06	1,208,050	1,238,260
1,005,000	GOLDMAN SACHS GROUP INC/THE 6.750% 10/01/2037 DD 10/03/07	1,241,024	1,345,333
925,000	GOLDMAN SACHS GROUP INC/THE 5.150% 05/22/2045 DD 05/22/15	971,824	1,072,676
385,000	GOODMAN US FINANCE FOUR L 144A 4.500% 10/15/2037 DD 09/27/17	384,384	397,882
500,000	HCP INC 6.750% 02/01/2041 DD 01/24/11	581,915	665,365
1,000,000	HALLIBURTON CO 4.500% 11/15/2041 DD 11/14/11	981,980	1,051,420
310,000	WELLTOWER INC 6.500% 03/15/2041 DD 03/14/11	393,176	407,542
641,000	HESS CORP 5.600% 02/15/2041 DD 08/10/10	650,358	691,229
800,000	HUMANA INC 4.950% 10/01/2044 DD 09/19/14	840,856	921,416
640,000	INTEL CORP 4.100% 05/19/2046 DD 05/19/16	634,355	705,741
1,360,000	INTERNATIONAL PAPER CO 4.800% 06/15/2044 DD 06/10/14	1,484,522	1,488,738
455,000	ITC HOLDINGS CORP 5.300% 07/01/2043 DD 07/03/13	497,715	548,939
335,000	KIMCO REALTY CORP 4.450% 09/01/2047 DD 08/10/17	332,518	344,142
280,000	KINDER MORGAN ENERGY PARTNERS 7.300% 08/15/2033 DD 08/19/02	328,591	349,784
230,000	KINDER MORGAN ENERGY PARTNERS 6.500% 02/01/2037 DD 01/30/07	252,043	269,164
1,175,000	KINDER MORGAN ENERGY PARTNERS 5.400% 09/01/2044 DD 09/11/14	1,204,587	1,242,281
650,000	KINDER MORGAN INC/DE 5.300% 12/01/2034 DD 11/26/14	674,278	693,394
761,000	KRAFT HEINZ FOODS CO 6.500% 02/09/2040 DD 08/09/12	951,988	965,496
980,000	KRAFT HEINZ FOODS CO 4.375% 06/01/2046 DD 05/24/16	936,743	970,739
1,310,000	KRAFT HEINZ FOODS CO 5.000% 07/15/2035 DD 07/15/16	1,380,038	1,430,219
835,000	KRAFT HEINZ FOODS CO 5.200% 07/15/2045 DD 07/15/16	874,086	918,517
175,000	KROGER CO/THE 5.400% 07/15/2040 DD 07/13/10	194,250	193,368
195,000	KROGER CO/THE 3.850% 08/01/2023 DD 07/25/13	202,486	202,946
580,000	KROGER CO/THE 5.150% 08/01/2043 DD 07/25/13	625,292	627,247
505,000	KROGER CO/THE 3.875% 10/15/2046 DD 10/03/16	449,283	462,322
950,000	KROGER CO/THE 4.650% 01/15/2048 DD 07/24/17	943,122	972,449
1,070,000	LOCKHEED MARTIN CORP 4.070% 12/15/2042 DD 12/14/12	1,056,144	1,126,432
1,135,000	LOCKHEED MARTIN CORP 3.600% 03/01/2035 DD 02/20/15	1,078,250	1,144,148

680,000	MPLX LP 5.200% 03/01/2047 DD 02/10/17	694,531	746,252
550,000	MAGELLAN MIDSTREAM PARTNERS LP 4.200% 10/03/2047 DD 10/03/17	543,334	554,571
680,000	MARATHON OIL CORP 6.600% 10/01/2037 DD 09/27/07	784,196	851,992
295,000	MARATHON PETROLEUM CORP 6.500% 03/01/2041 DD 09/01/11	355,011	369,738
940,000	MARATHON PETROLEUM CORP 4.750% 09/15/2044 DD 09/05/14	872,461	982,140
835,000	MARKEL CORP 5.000% 04/05/2046 DD 04/05/16	839,801	944,293
225,000	MARKEL CORP 4.300% 11/01/2047 DD 11/02/17	223,612	231,098
2,085,000	MARTIN MARIETTA MATERIALS INC 4.250% 12/15/2047 DD 12/20/17	2,078,349	2,063,045
850,000	MASCO CORP 4.500% 05/15/2047 DD 06/21/17	845,918	864,875
495,000	MASSACHUSETTS ELECTRIC CO 144A 4.004% 08/15/2046 DD 08/05/16	475,254	525,626
720,000	MCDONALD'S CORP 4.700% 12/09/2035 DD 12/09/15	761,702	817,826
815,000	MCDONALD'S CORP 4.875% 12/09/2045 DD 12/09/15	916,908	944,137
485,000	MCKESSON CORP 4.883% 03/15/2044 DD 03/10/14	493,371	527,796
377,000	MEDTRONIC INC 4.375% 03/15/2035 DD 03/15/15	398,840	424,996
540,000	MONSANTO CO 4.400% 07/15/2044 DD 07/01/14	521,910	575,397
1,745,000	MORGAN STANLEY 4.300% 01/27/2045 DD 01/27/15	1,739,015	1,882,122
800,000	MORGAN STANLEY 6.375% 07/24/2042 DD 07/24/12	1,028,136	1,112,280
1,230,000	MOSAIC CO/THE 5.450% 11/15/2033 DD 11/13/13	1,298,313	1,339,532
400,000	NATIONWIDE FINANCIAL SERV 144A 5.300% 11/18/2044 DD 11/20/14	444,272	474,512
275,000	NEWELL BRANDS INC 5.375% 04/01/2036 DD 03/30/16	313,577	321,857
180,000	NEWELL BRANDS INC 5.500% 04/01/2046 DD 03/30/16	210,564	214,610
1,525,000	NISOURCE INC 3.950% 03/30/2048 DD 09/14/17	1,523,353	1,562,210
846,000	NOBLE ENERGY INC 5.250% 11/15/2043 DD 11/08/13	872,169	936,319
930,000	NOBLE ENERGY INC 5.050% 11/15/2044 DD 11/07/14	971,459	996,170
1,640,000	NORTHROP GRUMMAN CORP 4.030% 10/15/2047 DD 10/13/17	1,637,442	1,713,964
445,000	NUCOR CORP 5.200% 08/01/2043 DD 07/29/13	518,594	539,131
750,000	ONEOK PARTNERS LP 6.125% 02/01/2041 DD 01/26/11	860,858	875,325
330,000	ONEOK PARTNERS LP 6.200% 09/15/2043 DD 09/12/13	366,911	392,010
1,665,000	ORACLE CORP 4.000% 11/15/2047 DD 11/09/17	1,657,191	1,773,025
1,360,000	OWENS CORNING 4.300% 07/15/2047 DD 06/26/17	1,347,270	1,339,110
780,000	PPL CAPITAL FUNDING INC 5.000% 03/15/2044 DD 03/10/14	817,838	903,786
1,065,000	PACIFIC LIFE INSURANCE CO 144A VAR RT 10/24/2067 DD 10/24/17	1,064,105	1,068,302
657,000	PHILLIPS 66 5.875% 05/01/2042 DD 11/01/12	777,927	836,164
310,000	PRINCIPAL FINANCIAL GROUP INC 4.625% 09/15/2042 DD 09/10/12	321,070	345,290
1,458,000	PRUDENTIAL FINANCIAL INC 144A 3.905% 12/07/2047 DD 12/07/17	1,498,051	1,487,175
1,320,000	PRUDENTIAL FINANCIAL INC 4.600% 05/15/2044 DD 05/15/14	1,373,750	1,498,781
405,000	REGIONS FINANCIAL CORP 7.375% 12/10/2037 DD 12/10/07	497,401	566,117
1,100,000	REYNOLDS AMERICAN INC 5.700% 08/15/2035 DD 06/12/15	1,263,504	1,311,189
1,315,000	REYNOLDS AMERICAN INC 5.850% 08/15/2045 DD 06/12/15	1,552,519	1,642,133
745,000	SES GLOBAL AMERICAS HOLDI 144A 5.300% 03/25/2044 DD 03/25/14	647,385	693,744
490,000	SEMPRA ENERGY 6.000% 10/15/2039 DD 10/08/09	583,860	632,257
216,000	SOUTHERN CO/THE 4.250% 07/01/2036 DD 05/24/16	214,808	227,621
810,000	SOUTHERN COPPER CORP 5.250% 11/08/2042 DD 11/08/12	795,825	904,794
20,000	SOUTHERN COPPER CORP 5.875% 04/23/2045 DD 04/23/15	20,619	24,157
355,000	SOUTHERN POWER CO 5.150% 09/15/2041 DD 09/22/11	357,521	394,827
380,000	SOUTHERN POWER CO 5.250% 07/15/2043 DD 07/16/13	382,538	429,636
470,000	SOUTHERN POWER CO 4.950% 12/15/2046 DD 11/16/16	457,987	515,538
680,000	SUNOCO LOGISTICS PARTNERS OPER 5.300% 04/01/2044 DD 04/03/14	656,533	671,092
555,000	SUNOCO LOGISTICS PARTNERS OPER 5.400% 10/01/2047 DD 09/21/17	553,923	558,746
1,030,000	THERMO FISHER SCIENTIFIC INC 4.100% 08/15/2047 DD 08/14/17	1,017,898	1,061,096
1,135,000	TIME WARNER INC 4.850% 07/15/2045 DD 06/04/15	1,118,158	1,192,011
720,000	TIME WARNER INC 3.800% 02/15/2027 DD 12/08/16	715,910	719,323
1,095,000	TIME WARNER ENTERTAINMENT CO L 8.375% 07/15/2033 DD 01/15/94	1,434,680	1,506,611
440,000	TIME WARNER CABLE LLC 5.500% 09/01/2041 DD 09/12/11	454,186	458,608
1,155,000	TIME WARNER CABLE LLC 4.500% 09/15/2042 DD 08/10/12	1,067,105	1,083,644
205,000	21ST CENTURY FOX AMERICA INC 4.750% 09/15/2044 DD 09/15/14	209,863	234,502
1,595,000	21ST CENTURY FOX AMERICA INC 7.850% 03/01/2039 DD 02/13/09	2,142,611	2,437,543
1,310,000	21ST CENTURY FOX AMERICA INC 4.750% 11/15/2046 DD 11/18/16	1,353,898	1,516,417
1,214,000	TYSON FOODS INC 4.875% 08/15/2034 DD 08/08/14	1,361,736	1,368,008
600,000	UNION PACIFIC CORP 4.050% 11/15/2045 DD 10/29/15	603,870	648,510
375,000	UNION PACIFIC CORP 3.600% 09/15/2037 DD 09/19/17	374,629	388,523
465,000	UNITED TECHNOLOGIES CORP 4.050% 05/04/2047 DD 05/04/17	463,717	486,706
500,000	UNITEDHEALTH GROUP INC 6.500% 06/15/2037 DD 12/15/07	642,585	697,920
185,000	VENTAS REALTY LP 5.700% 09/30/2043 DD 09/26/13	207,818	225,167

2,055,000	VERIZON COMMUNICATIONS INC 4.862% 08/21/2046 DD 02/21/15	2,079,253	2,140,529
3,580,000	VERIZON COMMUNICATIONS INC 4.272% 01/15/2036 DD 07/15/15	3,360,314	3,561,384
1,245,000	VERIZON COMMUNICATIONS INC 4.125% 08/15/2046 DD 08/01/16	1,088,117	1,150,131
957,000	VERIZON COMMUNICATIONS INC 5.012% 04/15/2049 DD 02/03/17	930,596	1,003,692
1,145,000	VIACOM INC 5.850% 09/01/2043 DD 08/19/13	1,182,528	1,184,754
275,000	VISA INC 3.650% 09/15/2047 DD 09/11/17	273,853	282,145
165,000	VOYA FINANCIAL INC 4.800% 06/15/2046 DD 06/13/16	160,388	183,795
990,000	WALMART INC 3.625% 12/15/2047 DD 10/20/17	988,495	1,037,174
1,075,000	WALGREENS BOOTS ALLIANCE INC 4.500% 11/18/2034 DD 11/18/14	1,083,783	1,122,483
367,000	WALGREENS BOOTS ALLIANCE INC 4.800% 11/18/2044 DD 11/18/14	377,206	395,131
590,000	WESTERN GAS PARTNERS LP 5.450% 04/01/2044 DD 03/20/14	608,106	626,940
825,000	WESTLAKE CHEMICAL CORP 5.000% 08/15/2046 DD 02/15/17	848,961	926,747
295,000	WESTLAKE CHEMICAL CORP 4.375% 11/15/2047 DD 11/28/17	291,988	306,366
1,235,000	WILLIAMS PARTNERS LP 4.900% 01/15/2045 DD 06/27/14	1,196,227	1,310,174
400,000	XCEL ENERGY INC 4.800% 09/15/2041 DD 09/12/11	426,200	454,364
340,000	SOUTHERN COPPER CORP 5.875% 04/23/2045	333,787	410,665
7,000,000	AT&T INC 144A 0.000% 11/27/2022 DD 11/27/07	5,590,130	5,970,790
1,820,000	ABBOTT LABORATORIES 3.400% 11/30/2023 DD 11/22/16	1,849,102	1,851,486
555,000	CHUBB INA HOLDINGS INC 3.350% 05/03/2026 DD 11/03/15	565,839	566,411
1,410,000	AMERICAN INTERNATIONAL GROUP I 3.900% 04/01/2026 DD 03/22/16	1,469,100	1,462,184
520,000	AMGEN INC 2.700% 05/01/2022 DD 05/01/15	514,894	519,449
1,955,000	AUTOZONE INC 3.250% 04/15/2025 DD 04/29/15	1,919,754	1,947,532
1,860,000	BAT CAPITAL CORP 144A 3.222% 08/15/2024 DD 08/15/17	1,860,000	1,859,926
970,000	BAT CAPITAL CORP 144A 3.557% 08/15/2027 DD 08/15/17	974,336	971,261
3,330,000	CVS HEALTH CORP 3.875% 07/20/2025 DD 07/20/15	3,475,523	3,429,467
1,050,000	CAPITAL ONE NA 2.350% 01/31/2020 DD 01/31/17	1,052,237	1,046,840
3,402,000	CELGENE CORP 3.875% 08/15/2025 DD 08/12/15	3,521,626	3,521,376
8,130,000	CITIGROUP INC VAR RT 07/24/2023 DD 07/24/17	8,127,998	8,089,269
225,000	TAPESTRY INC 4.125% 07/15/2027 DD 06/20/17	224,681	226,712
560,000	CONSTELLATION BRANDS INC 3.500% 05/09/2027 DD 05/09/17	558,690	571,379
1,795,000	CONSTELLATION BRANDS INC 2.000% 11/07/2019 DD 11/07/17	1,792,487	1,783,368
2,500,000	DAIMLER FINANCE NORTH AME 144A 2.200% 05/05/2020 DD 05/05/17	2,496,675	2,485,800
2,015,000	EXELON CORP 3.950% 06/15/2025 DD 12/15/15	2,071,501	2,099,892
160,000	FIFTH THIRD BANCORP 2.600% 06/15/2022 DD 06/15/17	159,955	159,069
905,000	FORD MOTOR CO 7.450% 07/16/2031 DD 07/16/99	1,157,097	1,183,025
1,575,000	FORD MOTOR CO 4.346% 12/08/2026 DD 12/08/16	1,633,811	1,642,064
1,065,000	FORD MOTOR CREDIT CO LLC 3.664% 09/08/2024 DD 09/08/14	1,075,629	1,078,728
1,915,000	FORD MOTOR CREDIT CO LLC 2.551% 10/05/2018 DD 10/08/15	1,928,826	1,920,573
2,370,000	GENERAL MOTORS CO 4.200% 10/01/2027 DD 08/07/17	2,366,492	2,455,818
460,000	HARTFORD FINANCIAL SERVICES GR 5.125% 04/15/2022 DD 04/05/12	510,227	501,989
1,483,000	HUNTINGTON NATIONAL BANK/THE 2.500% 08/07/2022 DD 08/07/17	1,483,807	1,462,727
6,875,000	JPMORGAN CHASE & CO VAR RT 03/01/2025 DD 06/01/17	6,909,232	6,928,625
145,000	KIMCO REALTY CORP 3.300% 02/01/2025 DD 08/10/17	144,772	143,870
1,560,000	KROGER CO/THE 1.500% 09/30/2019 DD 10/03/16	1,542,622	1,537,910
1,100,000	KROGER CO/THE 3.700% 08/01/2027 DD 07/24/17	1,099,351	1,113,849
1,315,000	MARATHON PETROLEUM CORP 3.625% 09/15/2024 DD 09/05/14	1,298,694	1,341,076
444,000	MARSH & MCLENNAN COS INC 2.350% 03/06/2020 DD 03/06/15	448,626	443,747
1,284,000	BANK OF AMERICA CORP 6.875% 04/25/2018 DD 04/25/08	1,312,839	1,303,620
2,710,000	NEWELL BRANDS INC 3.850% 04/01/2023 DD 03/30/16	2,811,110	2,804,200
935,000	NORDSTROM INC 4.000% 03/15/2027 DD 03/09/17	931,484	931,494
1,330,000	NORTHROP GRUMMAN CORP 3.250% 08/01/2023 DD 05/31/13	1,360,138	1,357,185
2,650,000	NORTHROP GRUMMAN CORP 2.080% 10/15/2020 DD 10/13/17	2,629,436	2,628,403
355,000	NORTHROP GRUMMAN CORP 2.930% 01/15/2025 DD 10/13/17	353,491	352,891
460,000	NORTHROP GRUMMAN CORP 3.250% 01/15/2028 DD 10/13/17	460,158	460,672
1,915,000	O'REILLY AUTOMOTIVE INC 3.600% 09/01/2027 DD 08/17/17	1,911,936	1,922,047
6,675,000	ORACLE CORP 2.950% 11/15/2024 DD 11/09/17	6,664,454	6,722,860
575,000	PPL CAPITAL FUNDING INC 3.100% 05/15/2026 DD 05/17/16	562,477	562,776
250,000	PACIFIC GAS & ELECTRIC CO 144A 3.300% 12/01/2027 DD 11/29/17	249,260	247,663
645,000	PLAINS ALL AMERICAN PIPELINE L 3.600% 11/01/2024 DD 09/09/14	617,594	628,140
2,710,000	PUBLIC SERVICE ENTERPRISE GROU 2.650% 11/15/2022 DD 11/06/17	2,706,558	2,686,152
810,000	REGENCY CENTERS LP 3.600% 02/01/2027 DD 01/26/17	812,991	810,737
1,575,000	ENERGY TRANSFER PARTNERS LP / 4.500% 11/01/2023 DD 11/01/13	1,598,200	1,628,456
1,665,000	ENERGY TRANSFER PARTNERS LP / 5.000% 10/01/2022 DD 07/25/14	1,764,401	1,774,840
825,000	REGIONS BANK/BIRMINGHAM AL 2.250% 09/14/2018 DD 07/31/15	828,486	825,899

260,000	REGIONS FINANCIAL CORP 2.750% 08/14/2022 DD 08/14/17	259,867	259,181
1,840,000	REYNOLDS AMERICAN INC 4.450% 06/12/2025 DD 06/12/15	1,948,118	1,961,900
600,000	SHERWIN-WILLIAMS CO/THE 2.250% 05/15/2020 DD 05/16/17	597,636	597,990
3,850,000	SOUTHERN CO/THE 2.950% 07/01/2023 DD 05/24/16	3,837,185	3,851,887
340,000	SUNOCO LOGISTICS PARTNERS OPER 4.250% 04/01/2024 DD 04/03/14	350,183	346,623
175,000	SUNOCO LOGISTICS PARTNERS OPER 4.000% 10/01/2027 DD 09/21/17	173,628	171,596
1,385,000	SUNTRUST BANK/ATLANTA GA 2.450% 08/01/2022 DD 07/31/17	1,379,024	1,365,679
3,595,000	SUNTRUST BANKS INC 2.700% 01/27/2022 DD 12/01/16	3,620,080	3,594,892
830,000	SYNCHRONY FINANCIAL 3.950% 12/01/2027 DD 12/01/17	827,626	826,506
1,350,000	TEXTRON INC 4.000% 03/15/2026 DD 03/11/16	1,389,274	1,408,158
3,075,000	TIME WARNER INC 3.875% 01/15/2026 DD 11/20/15	3,123,753	3,104,336
1,980,000	TRANSCONTINENTAL GAS PIPE LINE 7.850% 02/01/2026 DD 08/01/16	2,520,946	2,530,777
3,395,000	VERIZON COMMUNICATIONS INC 4.500% 08/10/2033 DD 08/10/17	3,385,426	3,560,778
650,000	VIRGINIA ELECTRIC & POWER CO 3.150% 01/15/2026 DD 01/14/16	659,445	656,240
450,000	VIRGINIA ELECTRIC & POWER CO 2.950% 11/15/2026 DD 11/16/16	443,979	445,676
1,260,000	VISA INC 3.150% 12/14/2025 DD 12/14/15	1,287,284	1,288,098
150,000	VISA INC 2.750% 09/15/2027 DD 09/11/17	148,883	147,999
1,170,000	WASHINGTON PRIME GROUP LP 5.950% 08/15/2024 DD 08/04/17	1,152,064	1,195,670
765,000	WELLS FARGO & CO 2.625% 07/22/2022 DD 07/24/17	763,441	760,884
1,525,000	WESTROCK CO 144A 3.000% 09/15/2024 DD 08/24/17	1,520,745	1,511,473
425,000	WILLIAMS PARTNERS LP 4.300% 03/04/2024 DD 03/04/14	436,828	445,124
1,270,000	AIG GLOBAL FUNDING 144A 2.700% 12/15/2021 DD 12/15/16	1,267,270	1,269,352
900,000	AT&T INC 2.375% 11/27/2018 DD 11/27/13	907,866	902,763
825,000	AT&T INC 3.400% 05/15/2025 DD 05/04/15	795,152	811,099
1,710,000	AT&T INC 3.600% 02/17/2023 DD 02/09/16	1,724,569	1,749,279
260,000	AT&T INC 4.125% 02/17/2026 DD 02/09/16	263,268	265,944
1,040,000	AT&T INC 3.800% 03/15/2022 DD 03/15/16	1,066,146	1,074,830
280,000	AT&T INC 3.950% 01/15/2025 DD 01/15/16	280,484	286,681
1,090,000	AT&T INC 3.400% 08/14/2024 DD 08/07/17	1,088,169	1,095,592
370,000	AT&T INC 3.900% 08/14/2027 DD 08/07/17	369,360	372,472
675,000	ABBOTT LABORATORIES 2.800% 09/15/2020 DD 03/15/17	683,215	679,543
1,725,000	AETNA INC 2.800% 06/15/2023 DD 06/09/16	1,699,142	1,697,711
1,915,000	ALTRIA GROUP INC 2.850% 08/09/2022 DD 08/09/12	1,917,355	1,927,562
960,000	AMAZON.COM INC 144A 1.900% 08/21/2020 DD 08/22/17	959,472	952,128
675,000	AMERICAN INTERNATIONAL GROUP I 3.900% 04/01/2026 DD 03/22/16	671,355	699,982
1,885,000	ANADARKO PETROLEUM CORP 3.450% 07/15/2024 DD 07/07/14	1,861,135	1,877,196
1,525,000	ANDEAVOR LOGISTICS LP / TESORO 3.500% 12/01/2022 DD 11/28/17	1,522,223	1,522,103
1,300,000	ANHEUSER-BUSCH INBEV WORLDWIDE 3.750% 01/15/2022 DD 07/15/16	1,356,914	1,358,734
180,000	APACHE CORP 3.625% 02/01/2021 DD 12/03/10	186,660	184,275
530,000	APPLIED MATERIALS INC 3.300% 04/01/2027 DD 03/31/17	528,119	539,063
1,905,000	BAE SYSTEMS HOLDINGS INC 144A 3.800% 10/07/2024 DD 10/07/14	1,952,073	1,981,772
400,000	BAT CAPITAL CORP 144A 2.297% 08/14/2020 DD 08/15/17	400,000	397,800
400,000	BAT CAPITAL CORP 144A 3.222% 08/15/2024 DD 08/15/17	400,000	399,984
1,275,000	BANK OF AMERICA CORP 3.300% 01/11/2023 DD 01/11/13	1,279,259	1,304,325
230,000	BANK OF AMERICA CORP 4.000% 01/22/2025 DD 01/22/15	230,290	239,283
955,000	BANK OF AMERICA CORP 2.250% 04/21/2020 DD 04/21/15	949,432	955,669
1,460,000	BANK OF AMERICA CORP 4.183% 11/25/2027 DD 11/25/16	1,466,964	1,524,634
725,000	BANK OF NEW YORK MELLON CORP/T 2.200% 08/16/2023 DD 08/16/16	691,715	702,677
1,440,000	BAXALTA INC 2.875% 06/23/2020 DD 12/23/15	1,439,640	1,449,302
160,000	CBS CORP 2.900% 01/15/2027 DD 07/11/16	148,416	149,448
1,275,000	CBS CORP 144A 2.900% 06/01/2023 DD 11/16/17	1,263,895	1,253,529
660,000	CBOE GLOBAL MARKETS INC 3.650% 01/12/2027 DD 01/12/17	658,409	679,780
1,690,000	CSX CORP 3.250% 06/01/2027 DD 05/01/17	1,687,938	1,688,344
500,000	CVS HEALTH CORP 4.000% 12/05/2023 DD 12/05/13	526,825	519,860
1,752,000	CVS HEALTH CORP 2.800% 07/20/2020 DD 07/20/15	1,773,329	1,759,306
1,420,000	CVS HEALTH CORP 3.500% 07/20/2022 DD 07/20/15	1,459,036	1,446,412
815,000	CVS HEALTH CORP 2.875% 06/01/2026 DD 05/25/16	794,649	781,389
225,000	CARDINAL HEALTH INC 3.200% 03/15/2023 DD 02/22/13	227,034	225,234
1,645,000	CARDINAL HEALTH INC 2.616% 06/15/2022 DD 06/12/17	1,645,000	1,617,512
1,240,000	CATHOLIC HEALTH INITIATIVES 2.600% 08/01/2018 DD 10/30/13	1,252,127	1,243,943
1,160,000	CENTERPOINT ENERGY INC 2.500% 09/01/2022 DD 08/10/17	1,160,319	1,142,542
340,000	CHARTER COMMUNICATIONS OPERATI 3.579% 07/23/2020 DD 07/23/16	346,882	346,338
1,465,000	CHARTER COMMUNICATIONS OPERATI 4.908% 07/23/2025 DD 07/23/16	1,544,007	1,557,573
1,635,000	CHARTER COMMUNICATIONS OPERATI 4.464% 07/23/2022 DD 07/23/16	1,708,624	1,705,877

2,150,000	CITIGROUP INC 5.500% 09/13/2025 DD 09/13/13	2,362,872	2,422,061
500,000	CITIGROUP INC 1.700% 04/27/2018 DD 04/27/15	498,900	499,505
410,000	CITIGROUP INC 4.450% 09/29/2027 DD 09/29/15	416,499	434,067
1,105,000	CITIGROUP INC 2.650% 10/26/2020 DD 10/26/15	1,105,774	1,108,702
950,000	CITIGROUP INC 4.600% 03/09/2026 DD 03/09/16	981,901	1,011,009
1,370,000	CITIGROUP INC 3.200% 10/21/2026 DD 10/21/16	1,302,356	1,359,300
305,000	CITIGROUP INC 2.900% 12/08/2021 DD 12/08/16	304,177	307,007
1,315,000	CITIGROUP INC 2.450% 01/10/2020 DD 01/10/17	1,314,474	1,315,605
1,170,000	CITIGROUP INC 2.700% 10/27/2022 DD 10/27/17	1,166,092	1,157,504
1,585,000	COX COMMUNICATIONS INC 144A 3.250% 12/15/2022 DD 11/29/12	1,564,369	1,588,122
1,185,000	COX COMMUNICATIONS INC 144A 3.350% 09/15/2026 DD 09/13/16	1,131,604	1,158,029
1,200,000	CROWN CASTLE INTERNATIONAL COR 3.200% 09/01/2024 DD 08/01/17	1,196,652	1,187,556
1,420,000	DTE ENERGY CO 1.500% 10/01/2019 DD 10/05/16	1,396,400	1,397,479
205,000	DEVON ENERGY CORP 3.250% 05/15/2022 DD 05/14/12	203,700	208,526
1,032,000	DISCOVERY COMMUNICATIONS LLC 3.800% 03/13/2024 DD 03/13/17	1,048,525	1,046,912
630,000	DISCOVERY COMMUNICATIONS LLC 2.950% 03/20/2023 DD 09/21/17	629,206	623,498
1,980,000	DOMINION ENERGY INC 6.400% 06/15/2018 DD 06/17/08	2,099,948	2,020,847
1,615,000	DOMINION ENERGY INC 2.500% 12/01/2019 DD 11/25/14	1,631,263	1,617,487
605,000	DOMINION ENERGY INC 2.000% 08/15/2021 DD 08/09/16	586,717	591,206
1,225,000	DUKE ENERGY CORP 2.650% 09/01/2026 DD 08/12/16	1,180,349	1,173,758
270,000	ENERGY TRANSFER PARTNERS LP 4.050% 03/15/2025 DD 03/12/15	267,276	269,798
520,000	EXELON CORP 2.850% 06/15/2020 DD 06/11/15	525,554	524,846
95,000	EXELON CORP 2.450% 04/15/2021 DD 04/07/16	93,858	94,570
265,000	FEDEX CORP 3.200% 02/01/2025 DD 01/09/15	264,483	268,376
270,000	FEDEX CORP 3.250% 04/01/2026 DD 03/24/16	268,148	272,060
375,000	FIDELITY NATIONAL INFORMATION 3.000% 08/15/2026 DD 08/16/16	352,099	362,464
1,430,000	FIRSTENERGY CORP 3.900% 07/15/2027 DD 06/21/17	1,425,238	1,465,250
520,000	FORD MOTOR CO 4.346% 12/08/2026 DD 12/08/16	525,936	542,142
435,000	FORD MOTOR CREDIT CO LLC 4.389% 01/08/2026 DD 01/08/16	440,864	456,402
715,000	FORD MOTOR CREDIT CO LLC 3.810% 01/09/2024 DD 01/09/17	715,000	729,915
1,390,000	FORTIVE CORP 2.350% 06/15/2021 DD 06/15/17	1,371,416	1,377,838
3,700,000	GENERAL MOTORS FINANCIAL CO IN 4.350% 01/17/2027 DD 01/17/17	3,793,429	3,848,185
710,000	GOLDMAN SACHS GROUP INC/THE 2.625% 04/25/2021 DD 04/25/16	704,845	709,510
900,000	GOLDMAN SACHS GROUP INC/THE 2.600% 12/27/2020 DD 03/27/17	899,379	899,901
980,000	GOLDMAN SACHS GROUP INC/THE 2.300% 12/13/2019 DD 12/13/16	978,893	979,373
650,000	GREAT PLAINS ENERGY INC 4.850% 06/01/2021 DD 05/19/11	692,478	688,454
1,575,000	HEWLETT PACKARD ENTERPRISE CO VAR RT 10/15/2025 DD 10/15/16	1,669,725	1,662,791
800,000	HUMANA INC 2.500% 12/15/2020 DD 12/21/17	799,568	799,384
1,165,000	INTEL CORP 3.150% 05/11/2027 DD 05/11/17	1,184,374	1,188,090
1,965,000	ITC HOLDINGS CORP 144A 2.700% 11/15/2022 DD 11/14/17	1,963,349	1,961,443
1,585,000	JPMORGAN CHASE & CO VAR RT 03/01/2025 DD 06/01/17	1,585,000	1,597,363
975,000	JOHNSON & JOHNSON 2.625% 01/15/2025 DD 11/10/17	974,834	970,047
1,495,000	KEYCORP 2.300% 12/13/2018 DD 11/13/13	1,503,910	1,497,243
645,000	KINDER MORGAN ENERGY PARTNERS 3.500% 09/01/2023 DD 02/28/13	636,164	645,413
2,725,000	KINDER MORGAN INC/DE 3.150% 01/15/2023 DD 08/10/17	2,718,842	2,708,405
2,060,000	KRAFT HEINZ FOODS CO 3.000% 06/01/2026 DD 05/24/16	1,934,010	1,982,297
255,000	LOCKHEED MARTIN CORP 2.900% 03/01/2025 DD 02/20/15	249,653	254,192
720,000	LOCKHEED MARTIN CORP 3.550% 01/15/2026 DD 11/23/15	735,631	747,634
375,000	MPLX LP 4.125% 03/01/2027 DD 02/10/17	374,378	384,090
1,590,000	MARATHON OIL CORP 2.800% 11/01/2022 DD 10/29/12	1,520,453	1,574,513
550,000	MARSH & MCLENNAN COS INC 4.800% 07/15/2021 DD 07/15/11	597,845	588,011
160,000	MARSH & MCLENNAN COS INC 2.550% 10/15/2018 DD 09/27/13	161,504	160,581
2,855,000	MARSH & MCLENNAN COS INC 2.350% 09/10/2019 DD 09/10/14	2,871,045	2,862,937
325,000	BERKSHIRE HATHAWAY ENERGY CO 5.750% 04/01/2018 DD 03/28/08	341,621	328,062
860,000	MOODY'S CORP 2.750% 12/15/2021 DD 03/02/17	857,343	861,075
2,105,000	MOODY'S CORP 144A 2.625% 01/15/2023 DD 06/12/17	2,100,074	2,088,181
680,000	MORGAN STANLEY 2.500% 01/24/2019 DD 01/24/14	687,147	681,734
1,055,000	MORGAN STANLEY 2.500% 04/21/2021 DD 04/21/16	1,043,532	1,053,238
710,000	MORGAN STANLEY VAR RT 10/24/2023 DD 10/24/16	717,888	730,200
1,610,000	MORGAN STANLEY 2.650% 01/27/2020 DD 01/27/15	1,617,583	1,617,277
625,000	MORGAN STANLEY 4.875% 11/01/2022 DD 10/23/12	669,838	673,013
1,100,000	MYLAN INC 144A 3.125% 01/15/2023 DD 12/21/12	1,038,642	1,084,732
700,000	NISOURCE INC 5.450% 09/15/2020 DD 09/16/05	764,393	753,102
1,655,000	ORACLE CORP 2.950% 11/15/2024 DD 11/09/17	1,652,385	1,666,866

975,000	PENSKE TRUCK LEASING CO L 144A 4.875% 07/11/2022 DD 07/13/12	1,046,282	1,052,581
890,000	PENSKE TRUCK LEASING CO L 144A 4.250% 01/17/2023 DD 01/17/13	924,354	944,059
245,000	PENSKE TRUCK LEASING CO L 144A 3.050% 01/09/2020 DD 12/11/14	247,678	247,938
1,995,000	PEPSICO INC 1.700% 10/06/2021 DD 10/06/16	1,938,103	1,945,923
340,000	PIONEER NATURAL RESOURCES CO 6.875% 05/01/2018 DD 05/01/06	360,954	345,233
120,000	PLAINS ALL AMERICAN PIPELINE L 3.650% 06/01/2022 DD 03/22/12	120,096	120,700
2,420,000	PROGRESS ENERGY INC 7.050% 03/15/2019 DD 03/19/09	2,675,141	2,554,770
840,000	QUALCOMM INC 2.100% 05/20/2020 DD 05/26/17	839,950	836,464
1,460,000	REYNOLDS AMERICAN INC 4.000% 06/12/2022 DD 06/12/15	1,547,293	1,525,452
1,115,000	SABINE PASS LIQUEFACTION LLC VAR RT 04/15/2023 DD 10/15/13	1,202,125	1,224,526
935,000	SABINE PASS LIQUEFACTION LLC 5.750% 05/15/2024 DD 11/15/14	1,032,447	1,039,234
3,000,000	SANTANDER HOLDINGS USA IN 144A 3.700% 03/28/2022 DD 03/27/17	3,014,910	3,036,090
626,000	SCRIPPS NETWORKS INTERACTIVE I 3.950% 06/15/2025 DD 06/02/15	639,891	634,708
820,000	SHERWIN-WILLIAMS CO/THE 2.750% 06/01/2022 DD 05/16/17	821,101	816,818
770,000	SOUTHERN CALIFORNIA GAS CO 2.600% 06/15/2026 DD 06/03/16	739,231	745,891
1,200,000	SOUTHERN CO/THE 1.850% 07/01/2019 DD 05/24/16	1,196,280	1,192,740
750,000	SOUTHERN CO/THE 2.350% 07/01/2021 DD 05/24/16	737,258	745,553
545,000	SOUTHERN CO/THE 2.950% 07/01/2023 DD 05/24/16	537,964	545,267
1,515,000	SUNOCO LOGISTICS PARTNERS OPER 4.000% 10/01/2027 DD 09/21/17	1,503,122	1,485,533
110,000	SUNOCO LOGISTICS PARTNERS OPER 5.400% 10/01/2047 DD 09/21/17	112,509	110,743
305,000	SYNCHRONY FINANCIAL 4.500% 07/23/2025 DD 07/23/15	313,287	318,725
955,000	SYNCHRONY FINANCIAL 3.700% 08/04/2026 DD 08/04/16	920,174	941,554
435,000	SYNCHRONY FINANCIAL 3.950% 12/01/2027 DD 12/01/17	433,756	433,169
470,000	SYSCO CORP 3.300% 07/15/2026 DD 04/01/16	461,225	472,947
220,000	THERMO FISHER SCIENTIFIC INC 3.000% 04/15/2023 DD 04/13/16	216,231	221,357
400,000	TIME WARNER INC 3.600% 07/15/2025 DD 06/04/15	397,760	400,896
835,000	TIME WARNER INC 3.875% 01/15/2026 DD 11/20/15	849,934	842,966
820,000	TIME WARNER INC 2.950% 07/15/2026 DD 05/10/16	778,296	775,564
191,000	TIME WARNER CABLE LLC 8.750% 02/14/2019 DD 11/18/08	215,246	203,650
340,000	TIME WARNER CABLE LLC 8.250% 04/01/2019 DD 03/26/09	382,058	363,389
355,000	21ST CENTURY FOX AMERICA INC 3.000% 09/15/2022 DD 09/14/12	353,332	360,190
445,000	21ST CENTURY FOX AMERICA INC 3.375% 11/15/2026 DD 11/18/16	436,225	454,487
2,295,000	UNITED TECHNOLOGIES CORP 2.800% 05/04/2024 DD 05/04/17	2,293,319	2,278,063
1,100,000	VENTAS REALTY LP / VENTAS CAPI 2.700% 04/01/2020 DD 03/19/13	1,106,655	1,104,873
880,000	VERIZON COMMUNICATIONS INC 3.500% 11/01/2024 DD 10/29/14	893,578	895,778
2,095,000	VERIZON COMMUNICATIONS INC 2.946% 03/15/2022 DD 02/03/17	2,074,930	2,107,759
680,000	VERIZON COMMUNICATIONS INC 4.125% 03/16/2027 DD 03/16/17	674,941	709,043
175,000	VIACOM INC 4.250% 09/01/2023 DD 08/19/13	178,530	178,673
965,000	VISA INC 2.750% 09/15/2027 DD 09/11/17	957,811	952,127
700,000	ANTHEM INC 3.125% 05/15/2022 DD 05/07/12	700,357	706,181
200,000	ANTHEM INC 3.300% 01/15/2023 DD 09/10/12	199,662	202,934
2,300,000	ANTHEM INC 2.300% 07/15/2018 DD 08/06/13	2,315,042	2,305,014
1,100,000	ANTHEM INC 2.250% 08/15/2019 DD 08/12/14	1,097,778	1,097,943
725,000	WELLS FARGO & CO 2.625% 07/22/2022 DD 07/24/17	724,362	721,100
1,500,000	WILLIAMS PARTNERS LP 3.600% 03/15/2022 DD 03/03/15	1,507,935	1,534,365
505,000	WILLIAMS PARTNERS LP 4.000% 11/15/2021 DD 11/17/11	518,302	522,251
620,000	WILLIS NORTH AMERICA INC 3.600% 05/15/2024 DD 05/16/17	620,841	630,292
800,000	AMERICAN TOWER CORP 3.300% 02/15/2021 DD 01/12/16	809,112	814,672
620,000	AMERICAN TOWER CORP 2.250% 01/15/2022 DD 09/30/16	593,879	603,855
450,000	AIR LIQUIDE FINANCE SA 144A 2.500% 09/27/2026 DD 09/27/16	422,523	430,776
1,165,000	ALIBABA GROUP HOLDING LTD 4.000% 12/06/2037 DD 12/06/17	1,163,404	1,205,600
2,025,000	ASTRAZENECA PLC 6.450% 09/15/2037 DD 09/12/07	2,619,722	2,751,469
1,100,000	BHP BILLITON FINANCE USA LTD 5.000% 09/30/2043 DD 09/30/13	1,228,656	1,348,655
2,340,000	COCA-COLA FEMSA SAB DE CV 3.875% 11/26/2023 DD 11/26/13	2,388,391	2,447,757
1,305,000	CONOCO FUNDING CO 7.250% 10/15/2031 DD 10/11/01	1,675,411	1,799,647
1,165,000	ENI SPA 144A 5.700% 10/01/2040 DD 10/01/10	1,154,061	1,267,427
8,083,000	GE CAPITAL INTERNATIONAL FUNDI 4.418% 11/15/2035 DD 05/15/16	8,470,257	8,747,908
4,495,000	HSBC HOLDINGS PLC 6.500% 09/15/2037 DD 09/12/07	5,572,407	5,911,285
220,000	HSBC HOLDINGS PLC 6.800% 06/01/2038 DD 05/27/08	278,601	299,959
860,000	HSBC HOLDINGS PLC 4.300% 03/08/2026 DD 03/08/16	891,708	914,335
2,725,000	SHELL INTERNATIONAL FINANCE BV 6.375% 12/15/2038 DD 12/11/08	3,514,106	3,799,004
4,805,000	SHELL INTERNATIONAL FINANCE BV 4.375% 05/11/2045 DD 05/11/15	4,867,369	5,402,598
1,695,000	SIEMENS FINANCIERINGSMAAT 144A 3.300% 09/15/2046 DD 09/15/16	1,475,786	1,583,215
1,565,000	STATOIL ASA 3.250% 11/10/2024 DD 11/10/14	1,586,237	1,608,914

1,610,000	TRANSCANADA PIPELINES LTD 6.200% 10/15/2037 DD 10/05/07	1,996,239	2,124,637
1,025,000	TRANSCANADA PIPELINES LTD 7.250% 08/15/2038 DD 08/11/08	1,383,730	1,495,998
505,000	ALIBABA GROUP HOLDING LTD 4.000% 12/06/2037 DD 12/06/17	504,308	522,599
960,000	ALIBABA GROUP HOLDING LTD 4.200% 12/06/2047 DD 12/06/17	958,378	999,542
1,090,000	AMERICA MOVIL SAB DE CV 6.375% 03/01/2035 DD 02/25/05	1,265,654	1,376,943
645,000	AMERICA MOVIL SAB DE CV 6.125% 03/30/2040 DD 03/30/10	736,106	819,608
560,000	ASTRAZENECA PLC 4.375% 11/16/2045 DD 11/16/15	587,294	609,190
1,112,000	BHP BILLITON FINANCE USA LTD 5.000% 09/30/2043 DD 09/30/13	1,254,933	1,363,368
1,265,000	BP CAPITAL MARKETS PLC 3.723% 11/28/2028 DD 11/28/16	1,285,341	1,324,999
840,000	BARCLAYS PLC 4.836% 05/09/2028 DD 05/09/17	840,000	874,306
1,000,000	COOPERATIEVE RABOBANK UA 5.250% 08/04/2045 DD 08/04/15	1,086,480	1,203,520
800,000	DIAGEO CAPITAL PLC 3.875% 04/29/2043 DD 04/29/13	762,096	837,176
3,800,000	GE CAPITAL INTERNATIONAL FUNDI 4.418% 11/15/2035 DD 05/15/16	4,025,698	4,112,588
795,000	HSBC HOLDINGS PLC 7.625% 05/17/2032 DD 05/17/05	1,030,407	1,080,143
2,000,000	HSBC HOLDINGS PLC 6.100% 01/14/2042 DD 11/17/11	2,487,220	2,745,800
797,000	HSBC HOLDINGS PLC VAR RT 03/13/2028 DD 03/13/17	797,000	830,586
885,000	HUTCHISON WHAMPOA INTERNA 144A 7.450% 11/24/2033 DD 11/24/03	1,197,617	1,272,488
310,000	JOHNSON CONTROLS INTERNATIONAL 4.500% 02/15/2047 DD 02/07/17	307,173	340,563
190,000	NEXEN ENERGY ULC 6.400% 05/15/2037 DD 05/04/07	248,165	247,813
145,000	PETRO-CANADA 5.350% 07/15/2033 DD 06/20/03	160,653	171,125
2,925,000	PETROLEOS MEXICANOS 5.500% 06/27/2044 DD 06/26/12	2,592,281	2,690,883
600,000	RIO TINTO FINANCE USA LTD 7.125% 07/15/2028 DD 06/27/08	775,434	792,540
1,200,000	SHELL INTERNATIONAL FINANCE BV 6.375% 12/15/2038 DD 12/11/08	1,547,496	1,672,956
520,000	SHELL INTERNATIONAL FINANCE BV 4.550% 08/12/2043 DD 08/12/13	542,272	591,443
1,150,000	SHELL INTERNATIONAL FINANCE BV 4.375% 05/11/2045 DD 05/11/15	1,164,927	1,293,026
655,000	SIEMENS FINANCIERINGSMAAT 144A 4.400% 05/27/2045 DD 05/27/15	690,115	734,635
1,345,000	STATOIL ASA 3.950% 05/15/2043 DD 05/15/13	1,317,809	1,406,924
1,207,000	TELEFONICA EMISIONES SAU 5.213% 03/08/2047 DD 03/08/17	1,231,813	1,369,764
620,000	TRANSCANADA PIPELINES LTD 6.100% 06/01/2040 DD 06/01/10	770,679	813,273
316,000	TRANSCANADA PIPELINES LTD 7.250% 08/15/2038 DD 08/11/08	426,594	461,205
1,660,000	AON PLC 3.875% 12/15/2025 DD 03/01/16	1,692,021	1,735,613
1,835,000	AIR CANADA 2017-1 CLASS A 144A 3.300% 07/15/2031 DD 12/21/17	1,835,000	1,854,835
435,000	AIRBUS SE 144A 3.150% 04/10/2027 DD 04/10/17	438,693	436,375
1,085,000	BP CAPITAL MARKETS PLC 2.520% 09/19/2022 DD 09/19/17	1,085,000	1,079,608
1,085,000	MUFG BANK LTD 144A 2.700% 09/09/2018 DD 09/09/13	1,092,259	1,090,740
5,330,000	GE CAPITAL INTERNATIONAL FUNDI 2.342% 11/15/2020 DD 05/15/16	5,379,981	5,305,429
925,000	HSBC HOLDINGS PLC 4.300% 03/08/2026 DD 03/08/16	984,966	983,442
415,000	HSBC HOLDINGS PLC 3.900% 05/25/2026 DD 05/25/16	430,289	430,413
4,240,000	MITSUBISHI UFJ FINANCIAL GROUP 2.665% 07/25/2022 DD 07/25/17	4,240,000	4,199,974
2,960,000	SHIRE ACQUISITIONS INVESTMENTS 2.875% 09/23/2023 DD 09/23/16	2,944,075	2,909,887
1,500,000	SIEMENS FINANCIERINGSMAAT 144A 2.350% 10/15/2026 DD 09/15/16	1,388,415	1,416,840
900,000	STATOIL ASA 3.150% 01/23/2022 DD 11/23/11	926,442	920,475
1,500,000	SUMITOMO MITSUI BANKING CORP 1.750% 01/16/2018 DD 01/16/15	1,502,055	1,499,955
5,265,000	SUMITOMO MITSUI FINANCIAL GROU 2.784% 07/12/2022 DD 07/12/17	5,281,166	5,234,937
4,125,000	TORONTO-DOMINION BANK/THE 1.900% 10/24/2019 DD 10/24/17	4,120,875	4,101,446
1,245,000	UBS AG/LONDON 144A 2.450% 12/01/2020 DD 11/30/17	1,243,855	1,241,253
425,000	ALIBABA GROUP HOLDING LTD 2.800% 06/06/2023 DD 12/06/17	424,375	423,789
2,150,000	ALIBABA GROUP HOLDING LTD 3.400% 12/06/2027 DD 12/06/17	2,138,729	2,149,463
1,385,000	BP CAPITAL MARKETS PLC 3.279% 09/19/2027 DD 09/19/17	1,385,000	1,402,022
460,000	BNP PARIBAS SA 144A 2.950% 05/23/2022 DD 05/23/17	459,425	461,003
555,000	CORP NACIONAL DEL COBRE D 144A 3.625% 08/01/2027 DD 08/01/17	545,215	555,605
1,800,000	CREDIT SUISSE AG/NEW YORK NY 2.300% 05/28/2019 DD 05/28/14	1,804,410	1,801,746
1,630,000	CREDIT SUISSE AG/NEW YORK NY 1.700% 04/27/2018 DD 04/29/15	1,626,414	1,628,794
1,475,000	HSBC HOLDINGS PLC 4.250% 08/18/2025 DD 08/18/15	1,488,496	1,529,619
665,000	HSBC HOLDINGS PLC 4.300% 03/08/2026 DD 03/08/16	689,519	707,015
700,000	HSBC HOLDINGS PLC 2.650% 01/05/2022 DD 10/05/16	683,382	695,352
2,175,000	HSBC HOLDINGS PLC 4.375% 11/23/2026 DD 11/23/16	2,198,041	2,270,744
20,000	RIO TINTO FINANCE USA PLC 2.875% 08/21/2022 DD 08/21/12	20,083	20,253
2,220,000	ROYAL BANK OF CANADA 2.150% 10/26/2020 DD 10/26/17	2,218,712	2,205,659
1,465,000	SHELL INTERNATIONAL FINANCE BV 2.000% 11/15/2018 DD 11/15/13	1,474,801	1,465,820
935,000	STATOIL ASA 2.900% 11/08/2020 DD 11/08/13	955,103	950,418
955,000	STATOIL ASA 2.750% 11/10/2021 DD 11/10/14	964,521	967,873
365,000	SUNCOR ENERGY INC 3.600% 12/01/2024 DD 11/25/14	377,702	373,015
225,000	TRANSCANADA PIPELINES LTD 4.875% 01/15/2026 DD 01/27/16	250,007	251,921

1,415,000	UBS AG/LONDON 144A 2.450% 12/01/2020 DD 11/30/17	1,413,698	1,410,741
1,040,000	AON PLC 3.500% 06/14/2024 DD 05/28/14	1,053,676	1,062,630
1,055,000	AON PLC 4.600% 06/14/2044 DD 05/28/14	1,056,245	1,150,921
1,895,000	ALLERGAN FUNDING SCS 4.550% 03/15/2035 DD 03/12/15	1,875,652	2,005,232
735,000	BAE SYSTEMS PLC 144A 5.800% 10/11/2041 DD 10/11/11	838,165	917,648
1,515,000	BRITISH TELECOMMUNICATIONS PLC VAR RT 12/15/2030 DD 12/12/00	2,311,405	2,263,516
2,000,000	CANADIAN NATURAL RESOURCES LTD 6.750% 02/01/2039 DD 01/17/08	2,333,760	2,575,060
1,605,000	CENOVUS ENERGY INC 5.250% 06/15/2037 DD 04/07/17	1,603,539	1,652,990
1,205,000	DEUTSCHE TELEKOM INTERNATIONAL VAR RT 06/15/2030 DD 07/06/00	1,771,495	1,782,906
1,295,000	ENCANA CORP 6.500% 02/01/2038 DD 12/04/07	1,399,584	1,634,225
535,000	ENCANA CORP 5.150% 11/15/2041 DD 11/14/11	485,496	582,995
1,085,000	ENBRIDGE INC 4.500% 06/10/2044 DD 06/04/14	1,049,933	1,125,091
1,020,000	INGERSOLL-RAND LUXEMBOURG FINA 3.550% 11/01/2024 DD 10/28/14	1,035,025	1,053,782
3,505,000	PETROLEOS MEXICANOS 5.625% 01/23/2046 DD 01/23/16	3,143,635	3,243,878
3,015,000	SUNCOR ENERGY INC 6.500% 06/15/2038 DD 06/28/07	3,831,583	4,073,295
1,750,000	VODAFONE GROUP PLC 4.375% 02/19/2043 DD 02/19/13	1,633,380	1,803,813
170,000	ALLERGAN FUNDING SCS 4.850% 06/15/2044 DD 06/19/14	168,555	181,973
1,970,000	ALLERGAN FUNDING SCS 4.550% 03/15/2035 DD 03/12/15	2,011,078	2,084,595
340,000	ALLERGAN FUNDING SCS 4.750% 03/15/2045 DD 03/12/15	333,788	361,950
1,785,000	AGRIUM INC 4.125% 03/15/2035 DD 03/02/15	1,710,391	1,844,066
490,000	ANADARKO FINANCE CO 7.500% 05/01/2031 DD 04/26/01	627,391	628,964
685,000	BP CAPITAL MARKETS PLC 3.119% 05/04/2026 DD 05/04/16	669,019	692,350
695,000	BARCLAYS PLC 4.950% 01/10/2047 DD 01/10/17	746,673	771,221
1,035,000	BRITISH TELECOMMUNICATIONS PLC VAR RT 12/15/2030 DD 12/12/00	1,560,006	1,546,362
325,000	CANADIAN NATURAL RESOURCES LTD 7.200% 01/15/2032 DD 01/23/02	383,858	413,163
550,000	CANADIAN NATURAL RESOURCES LTD 6.450% 06/30/2033 DD 09/16/02	619,454	672,623
700,000	CANADIAN PACIFIC RAILWAY CO 5.750% 01/15/2042 DD 12/01/11	856,072	890,232
445,000	CANADIAN PACIFIC RAILWAY CO 4.800% 08/01/2045 DD 08/03/15	476,337	529,243
1,224,000	CENOVUS ENERGY INC 6.750% 11/15/2039 DD 05/15/10	1,391,161	1,465,728
220,000	CENOVUS ENERGY INC 5.200% 09/15/2043 DD 08/15/13	215,301	223,280
235,000	CENOVUS ENERGY INC 5.250% 06/15/2037 DD 04/07/17	234,786	242,027
1,155,000	CREDIT SUISSE GROUP FUNDING GU 4.875% 05/15/2045 DD 11/15/15	1,200,653	1,329,451
903,000	KONINKLIJKE AHOLD DELHAIZE NV 5.700% 10/01/2040 DD 10/08/10	1,025,475	1,060,574
500,000	DEUTSCHE TELEKOM INTERNATIONAL VAR RT 06/15/2030 DD 07/06/00	735,060	739,795
725,000	ECOPETROL SA 5.875% 05/28/2045 DD 05/28/14	668,088	740,225
900,000	ENCANA CORP 6.500% 08/15/2034 DD 08/04/04	1,034,487	1,112,148
655,000	ENCANA CORP 6.625% 08/15/2037 DD 08/13/07	756,970	833,841
325,000	ENCANA CORP 6.500% 02/01/2038 DD 12/04/07	351,247	410,134
620,000	ENBRIDGE INC 4.500% 06/10/2044 DD 06/04/14	622,629	642,909
1,460,000	ENEL FINANCE INTERNATIONA 144A 4.750% 05/25/2047 DD 05/25/17	1,562,010	1,580,844
1,245,000	ORANGE SA 5.375% 01/13/2042 DD 01/13/12	1,413,478	1,501,856
250,000	GRUPO TELEVISIA SAB 5.000% 05/13/2045 DD 05/13/14	212,148	255,590
1,050,000	JOHNSON CONTROLS INTERNATIONAL STEP 07/02/2044 DD 07/02/2016	1,069,637	1,156,565
1,545,000	LLOYDS BANKING GROUP PLC VAR RT 11/07/2028 DD 11/07/17	1,545,000	1,530,462
615,000	NEWCREST FINANCE PTY LTD 144A 5.750% 11/15/2041 DD 11/15/11	660,000	703,542
2,475,000	PETROLEOS MEXICANOS 5.625% 01/23/2046 DD 01/23/16	2,225,066	2,290,613
745,000	RIO TINTO FINANCE USA PLC 4.750% 03/22/2042 DD 03/22/12	799,080	872,045
1,410,000	SIEMENS FINANCIERINGSMAAT 144A 4.200% 03/16/2047 DD 03/16/17	1,404,995	1,546,967
375,000	SUNCOR ENERGY INC 7.150% 02/01/2032 DD 01/29/02	477,064	503,070
775,000	SUNCOR ENERGY INC 5.950% 12/01/2034 DD 12/01/03	915,043	974,361
675,000	TELEFONICA EMISIONES SAU 7.045% 06/20/2036 DD 06/20/06	783,479	905,594
330,000	VALE OVERSEAS LTD 6.875% 11/21/2036 DD 11/21/06	358,875	404,250
465,000	VALE OVERSEAS LTD 6.875% 11/10/2039 DD 11/10/09	452,213	570,206
1,055,000	VALE SA 5.625% 09/11/2042 DD 09/11/12	993,628	1,155,225
475,000	WPP FINANCE 2010 5.625% 11/15/2043 DD 11/12/13	540,270	544,806
1,015,000	GLENCORE FINANCE CANADA L 144A 6.900% 11/15/2037 DD 11/20/07	1,113,820	1,284,828
2,385,000	ALLERGAN FUNDING SCS 3.800% 03/15/2025 DD 03/12/15	2,451,017	2,428,049
2,295,000	ALIMENTATION COUCHE-TARD 144A 2.350% 12/13/2019 DD 12/14/17	2,294,725	2,294,862
3,880,000	BANK OF MONTREAL 2.350% 09/11/2022 DD 09/11/17	3,863,908	3,816,717
155,000	BARCLAYS PLC 4.375% 01/12/2026 DD 01/12/16	161,293	161,234
1,425,000	BARCLAYS PLC 4.337% 01/10/2028 DD 01/10/17	1,472,118	1,474,832
780,000	GOLDCORP INC 3.700% 03/15/2023 DD 03/20/13	790,054	799,024
1,200,000	PETROLEOS MEXICANOS 144A 6.500% 03/13/2027 DD 12/13/16	1,304,388	1,311,600
2,100,000	PETROLEOS MEXICANOS 144A 6.500% 03/13/2027 DD 03/13/17	2,215,227	2,295,300

2,890,000	SANTANDER UK GROUP HOLDINGS PL VAR RT 11/03/2028 DD 11/03/17	2,890,000	2,896,705
1,070,000	SHIRE ACQUISITIONS INVESTMENTS 2.400% 09/23/2021 DD 09/23/16	1,057,695	1,053,158
1,015,000	TORONTO-DOMINION BANK/THE 1.800% 07/13/2021 DD 07/13/16	997,755	993,959
420,000	TRANSALTA CORP 4.500% 11/15/2022 DD 11/07/12	412,755	424,465
1,500,000	UBS GROUP FUNDING SWITZER 144A VAR RT 08/15/2023 DD 08/15/17	1,487,295	1,482,855
3,125,000	ALLERGAN FUNDING SCS 3.450% 03/15/2022 DD 03/12/15	3,171,906	3,175,156
1,300,000	BAT INTERNATIONAL FINANCE 144A 2.750% 06/15/2020 DD 06/15/15	1,306,955	1,306,357
400,000	BPCE SA 144A 3.000% 05/22/2022 DD 05/22/17	397,520	399,780
1,400,000	BANCO SANTANDER SA 3.800% 02/23/2028 DD 10/23/17	1,393,546	1,400,196
650,000	SKY PLC 144A 3.125% 11/26/2022 DD 11/26/12	644,722	653,770
1,575,000	CANADIAN NATURAL RESOURCES LTD 3.850% 06/01/2027 DD 05/30/17	1,576,260	1,607,555
1,500,000	CREDIT SUISSE GROUP FUNDING GU 3.125% 12/10/2020 DD 06/10/16	1,495,305	1,518,045
1,525,000	DEUTSCHE BANK AG/NEW YORK NY 2.700% 07/13/2020 DD 07/13/17	1,522,911	1,517,528
500,000	DEUTSCHE BANK AG/NEW YORK NY 3.300% 11/16/2022 DD 11/16/17	499,610	497,450
1,540,000	ENCANA CORP 3.900% 11/15/2021 DD 11/14/11	1,551,057	1,582,735
770,000	FORTIS INC/CANADA 2.100% 10/04/2021 DD 04/04/17	744,220	751,612
920,000	FORTIS INC/CANADA 3.055% 10/04/2026 DD 04/04/17	860,458	888,306
700,000	IMPERIAL BRANDS FINANCE P 144A 3.500% 02/11/2023 DD 02/11/13	703,843	712,474
425,000	IMPERIAL BRANDS FINANCE P 144A 3.750% 07/21/2022 DD 07/21/15	436,292	439,195
1,970,000	METHANEX CORP 3.250% 12/15/2019 DD 12/17/12	1,987,868	1,978,786
295,000	MYLAN NV VAR RT 12/15/2018 DD 12/15/16	297,133	296,578
340,000	MYLAN NV 3.750% 12/15/2020 DD 12/15/16	343,325	347,432
495,000	MYLAN NV 3.150% 06/15/2021 DD 12/15/16	485,788	497,762
1,890,000	PETROLEOS MEXICANOS 144A 6.500% 03/13/2027 DD 03/13/17	2,001,715	2,065,770
920,000	SHIRE ACQUISITIONS INVESTMENTS 2.400% 09/23/2021 DD 09/23/16	894,382	905,519
1,380,000	TELEFONICA EMISIONES SAU 4.103% 03/08/2027 DD 03/08/17	1,380,000	1,426,768
405,000	TEVA PHARMACEUTICAL FINANCE NE 1.700% 07/19/2019 DD 07/21/16	397,925	393,498
440,000	TEVA PHARMACEUTICAL FINANCE NE 2.200% 07/21/2021 DD 07/21/16	423,218	401,927
1,905,000	UBS GROUP FUNDING SWITZER 144A 2.950% 09/24/2020 DD 09/24/15	1,905,838	1,924,850
1,425,000	VALE OVERSEAS LTD 6.250% 08/10/2026	1,559,684	1,650,863
425,000	AMERICAN HONDA FINANCE CORP	425,000	425,914
325,000	AMERICAN HONDA FINANCE CORP	325,000	325,403
1,020,000	BB&T CORP	1,020,000	1,015,196
325,000	CITIBANK NA	325,000	325,280
780,000	CITIBANK NA	780,000	781,287
1,135,000	HSBC USA INC	1,160,564	1,141,220
515,000	HSBC USA INC	515,000	516,669
575,000	JPMORGAN CHASE BANK NA	575,000	576,116
420,000	PNC BANK NA	420,000	420,529
250,000	PNC BANK NA	250,000	250,450
1,040,000	TOYOTA MOTOR CREDIT CORP	1,038,939	1,030,765
335,000	TOYOTA MOTOR CREDIT CORP	335,000	335,245
945,000	US BANK NA/CINCINNATI OH	945,000	948,298
1,290,000	US BANK NA/CINCINNATI OH	1,290,000	1,288,942
420,000	WELLS FARGO BANK NA	420,000	421,348
365,000	WALT DISNEY CO/THE	365,000	366,007
1,575,000	PEPSICO INC	1,575,000	1,573,677
1,445,000	UNILEVER CAPITAL CORP	1,444,335	1,434,350
295,000	BERKSHIRE HATHAWAY FINANCE COR	295,000	295,566
460,000	CHEVRON CORP	460,000	460,607
372,000	CHEVRON CORP	372,000	372,052
685,000	HOME DEPOT INC/THE	685,000	686,171
380,000	WAL-MART STORES INC	427,397	381,680
420,000	WAL-MART STORES INC	420,000	419,836
320,000	APPLE INC	320,000	320,122
1,400,000	APPLE INC	1,399,314	1,394,960
1,225,000	HONEYWELL INTERNATIONAL INC	1,225,000	1,222,611
1,320,000	IBM CREDIT LLC	1,320,000	1,321,214
420,000	INTERNATIONAL BUSINESS MACHINE	420,000	419,975
690,000	MICROSOFT CORP	682,065	680,775
540,000	TEXAS INSTRUMENTS INC	541,112	535,286
25,040	DRIVE AUTO RECEIVAB BA A2 144A	25,039	25,038
805,000	HYUNDAI AUTO LEASE C A2A 144A	804,937	803,446
2,030,000	NATIONAL AUSTRALIA BANK LTD/NE	2,069,199	2,040,718

195,000	WESTPAC BANKING CORP	194,757	195,667
1,040,000	AUSTRALIA & NEW ZEALAND B 144A	1,040,000	1,039,709
130,000	BANK OF MONTREAL	130,000	130,940
400,000	BANK OF MONTREAL	400,000	401,008
375,000	BANK OF NOVA SCOTIA/THE	375,000	375,446
830,000	BANK OF NOVA SCOTIA/THE	830,000	831,801
685,000	ROYAL BANK OF CANADA	685,000	689,432
1,005,000	ROYAL BANK OF CANADA	1,005,000	1,003,935
795,000	TORONTO-DOMINION BANK/THE	792,194	793,982
870,000	TORONTO-DOMINION BANK/THE	870,000	870,331
610,000	COOPERATIEVE RABOBANK UA/NY	610,000	613,599
395,000	ABN AMRO BANK NV 144A	395,000	396,631
585,000	STATOIL ASA	580,626	583,584
755,000	SVENSKA HANDELSBANKEN AB	755,000	756,193
325,000	NORDEA BANK AB 144A	325,000	326,638
520,000	NORDEA BANK AB 144A	520,000	523,702
500,000	UBS AG/LONDON 144A	500,000	500,455
213,906	ALLY AUTO RECEIVABLES TRU 1 A2	213,886	213,626
115,292	AMERICREDIT AUTOMOBILE R 3 A2A	115,285	115,242
405,848	AMERICREDIT AUTOMOBILE R 2 A2A	405,836	405,228
570,000	AMERICREDIT AUTOMOBILE R 4 A2A	569,975	569,248
414,140	BMW VEHICLE LEASE TRUST 1 A2	414,097	413,755
595,000	BMW VEHICLE LEASE TRUST 2 A2A	594,948	593,751
259,156	CARMAX AUTO OWNER TRUST 2 1 A2	259,156	258,814
605,000	FIFTH THIRD AUTO TRUST 2 1 A2A	604,946	603,687
225,203	FORD CREDIT AUTO LEASE T A A2A	225,186	224,897
470,000	FORD CREDIT AUTO OWNER T B A2A	469,964	469,272
44,036	FORD CREDIT AUTO OWNER T B A2A	44,035	44,016
46,092	GM FINANCIAL AUTOMOBILE 2 A2A	46,088	46,074
192,445	GM FINANCIAL AUTOMOBILE 1 A2A	192,423	192,202
580,000	GM FINANCIAL AUTOMOBILE 3 A2A	579,966	578,167
370,085	HONDA AUTO RECEIVABLES 20 2 A2	370,054	369,282
162,584	HONDA AUTO RECEIVABLES 20 4 A2	162,580	162,277
453,272	HYUNDAI AUTO RECEIVABLES A A2A	453,270	452,561
116,242	MERCEDES-BENZ AUTO LEASE B A2	116,239	116,139
750,000	NISSAN MASTER OWNER TRUST A A1	750,000	754,898
2,960	NISSAN AUTO LEASE TRUST A A2A	2,960	2,960
94,983	NISSAN AUTO RECEIVABLES B A2A	94,976	94,945
1,090,000	NISSAN AUTO LEASE TRUST B A2A	1,089,921	1,087,373
495,000	SANTANDER DRIVE AUTO RECE 3 A2	494,996	494,114
345,000	TOYOTA AUTO RECEIVABLES B A2A	344,991	344,251
65,177	CNH EQUIPMENT TRUST 2016 A A2A	65,172	65,161
4	EQUITABLE LIFE ASSURANCE CONTR	4	4
1	JOHN HANCOCK MUT LIFE CONT #11	1	1
1	METROPOLITAN GAC #294	1	1
1	METROPOLITAN LIFE INS GAC #304	1	1
	Corporate Obligations Total	1,492,748,068	1,545,394,581

Corporate Stock

2,450	ALPHABET INC-CL C	1,890,959	2,563,680
3,600	ALPHABET INC-CL A	2,852,820	3,792,240
6,500	AMAZON.COM INC	4,874,155	7,601,555
32,900	BIOMARIN PHARMACEUTICAL INC	2,725,436	2,933,693
2,411	CHIPOTLE MEXICAN GRILL INC	873,747	696,851
34,400	EDWARDS LIFESCIENCES CORP	3,223,280	3,877,224
54,200	FACEBOOK INC	6,235,710	9,564,132
20,800	ILLUMINA INC	2,663,232	4,544,592
32,400	INCYTE CORP	4,221,527	3,068,604
55,400	LAS VEGAS SANDS CORP	2,958,914	3,849,746
37,700	MEDIDATA SOLUTIONS INC	1,872,559	2,389,049
19,800	NETFLIX INC	2,869,774	3,800,808
96,100	NIKE INC	5,109,291	6,011,055
4,075	PRICELINE GROUP INC/THE	5,974,195	7,081,291
11,950	REGENERON PHARMACEUTICALS INC	4,424,459	4,492,722

136,600	CHARLES SCHWAB CORP/THE	5,391,602	7,017,142
61,700	STARBUCKS CORP	3,517,839	3,543,431
76,700	VISA INC	5,984,134	8,745,334
54,800	WORKDAY INC	3,621,732	5,575,352
12,000	ADVANCE AUTO PARTS INC	1,171,967	1,196,280
4,230	ALPHABET INC-CL A	3,352,064	4,455,882
18,200	AMERICAN INTERNATIONAL GROUP I	1,188,642	1,084,356
16,340	AMGEN INC	2,389,071	2,841,526
27,220	APACHE CORP	1,727,653	1,149,228
21,780	APPLE INC	2,522,560	3,685,829
33,180	CAPITAL ONE FINANCIAL CORP	2,898,532	3,304,064
28,000	CARDINAL HEALTH INC	2,123,381	1,715,560
18,130	CELGENE CORP	2,102,455	1,892,047
54,320	CITIGROUP INC	3,218,091	4,041,951
71,640	COMCAST CORP	2,473,371	2,869,182
36,230	CONOCOPHILLIPS	1,816,572	1,988,665
132,100	COTY INC	2,500,083	2,627,469
18,516	DXC TECHNOLOGY CO	1,384,581	1,757,168
34,640	DEVON ENERGY CORP	1,511,707	1,434,096
31,540	EBAY INC	936,423	1,190,320
36,550	GILEAD SCIENCES INC	2,631,908	2,618,442
10,140	HALLIBURTON CO	548,473	495,542
33,100	HELMERICH & PAYNE INC	1,789,105	2,139,584
15,220	IONIS PHARMACEUTICALS INC	727,973	765,566
29,250	JPMORGAN CHASE & CO	2,523,983	3,127,995
13,800	JONES LANG LASALLE INC	1,713,371	2,055,234
87,820	KNOWLES CORP	1,467,472	1,287,441
36,220	ELI LILLY & CO	2,669,682	3,059,141
52,200	MATTEL INC	1,108,334	802,836
57,540	MICROSOFT CORP	3,575,536	4,921,972
43,000	NUTANIX INC	782,600	1,517,040
111,690	ORACLE CORP	4,315,428	5,280,703
13,570	ROCKWELL COLLINS INC	1,258,753	1,840,363
27,700	TAPESTRY INC	1,311,755	1,225,171
88,370	TWENTY-FIRST CENTURY FOX INC	2,477,895	3,051,416
34,790	VOYA FINANCIAL INC	1,364,464	1,721,061
20,740	WALGREENS BOOTS ALLIANCE INC	1,739,323	1,506,139
45,989	SHIRE PLC	2,540,505	2,426,253
59,229	ABBOTT LABORATORIES	2,274,986	3,380,199
8,933	ALPHABET INC-CL C	7,012,713	9,347,491
47,795	ALTRIA GROUP INC	3,231,898	3,413,041
4,826	AMAZON.COM INC	3,618,873	5,643,862
24,916	AMERICAN TOWER CORP	2,631,666	3,554,766
33,091	BERKSHIRE HATHAWAY INC	5,393,171	6,559,298
25,438	CASEY'S GENERAL STORES INC	2,983,475	2,847,530
46,926	COCA-COLA CO/THE	1,945,552	2,152,965
42,153	WALT DISNEY CO/THE	4,329,343	4,531,869
22,490	FACEBOOK INC	2,801,140	3,968,585
9,369	M&T BANK CORP	1,465,593	1,602,005
12,986	MARTIN MARIETTA MATERIALS INC	2,836,774	2,870,425
60,926	MASTERCARD INC	6,308,070	9,221,759
108,670	NIKE INC	5,666,659	6,797,309
10,649	O'REILLY AUTOMOTIVE INC	2,212,851	2,561,510
11,998	PNC FINANCIAL SERVICES GROUP I	1,403,286	1,731,191
65,584	PHILIP MORRIS INTERNATIONAL IN	6,096,302	6,928,950
2,968	PRICELINE GROUP INC/THE	4,612,741	5,157,612
80,029	STARBUCKS CORP	4,420,230	4,596,065
64,148	TJX COS INC/THE	4,683,900	4,904,756
29,766	UNITEDHEALTH GROUP INC	4,763,751	6,562,212
82,367	VISA INC	6,475,333	9,391,485
68,475	WELLS FARGO & CO	3,773,657	4,154,378
115,571	APACHE CORP	6,640,927	4,879,408
45,572	CELGENE CORP	5,051,286	4,755,894
123,443	CISCO SYSTEMS INC	3,730,447	4,727,867

58,445	PERKINELMER INC	3,047,907	4,273,498
135,857	SYNCHRONY FINANCIAL	4,927,533	5,245,439
24,598	WHIRLPOOL CORP	4,471,178	4,148,207
534,157	FORTRESS TRANSPORTATION & INFR	6,472,380	10,645,749
58,100	ALIBABA GROUP HOLDING LTD	5,101,761	10,018,183
29,200	BAIDU INC	4,877,283	6,838,932
21,500	GALAPAGOS NV	1,899,788	2,015,840
37,500	SHOPIFY INC	2,306,857	3,787,500
71,100	ZALANDO SE	3,565,955	3,766,401
46,234	ASOS PLC	2,835,886	4,199,765
301,066	ROLLS-ROYCE HOLDINGS PLC	2,485,042	3,449,552
14,249,236	ROLLS-ROYCE HOLDINGS PLC	18,764	19,276
2,398,800	CP ALL PCL	4,186,621	5,667,616
1,802,600	AIRPORTS OF THAILAND PCL	2,003,420	3,761,178
6,500	FAST RETAILING CO LTD	2,331,161	2,591,345
27,300	PEPTIDREAM INC	876,838	935,446
23,657	NASPERS LTD	3,484,265	6,594,532
38,800	ASML HOLDING NV	4,353,360	6,744,216
12,000	GENMAB A/S	2,239,844	1,991,484
750	FRESENIUS KABI PHARMACEUTICALS	14	14
144,630	ALAMOS GOLD INC	1,225,974	941,541
11,500	BAIDU INC	1,890,715	2,693,415
55,950	BARRICK GOLD CORP	1,144,222	809,597
29,960	KB FINANCIAL GROUP INC	1,057,288	1,752,960
143,359	TEVA PHARMACEUTICAL INDUSTRIES	4,587,741	2,716,653
24,234	UCB SA	1,580,236	1,925,850
14,581	MERCK KGAA	1,524,859	1,571,421
16,400	BAYER AG	1,714,741	2,048,084
11,511	FRESENIUS MEDICAL CARE AG & CO	1,128,505	1,213,331
19,884	DEUTSCHE LUFTHANSA AG	257,334	733,492
15,285	MORPHOSYS AG	785,940	1,405,567
10,227	SIEMENS AG	1,259,913	1,426,390
27,567	LANXESS AG	1,812,907	2,194,362
25,181	QIAGEN NV	735,866	791,916
91,333	VEOLIA ENVIRONNEMENT SA	2,089,143	2,333,286
80,525	AXA SA	2,037,136	2,391,736
66,633	CREDIT AGRICOLE SA	827,912	1,104,178
40,567	BNP PARIBAS SA	2,590,816	3,032,375
29,788	CIE DE SAINT-GOBAIN	1,390,443	1,644,678
82,747	SES SA	1,847,241	1,292,707
181,663	ENI SPA	2,964,192	3,010,345
107,027	PEGATRON CORP	1,537,841	1,298,773
366,717	AEGON NV	2,067,396	2,340,480
70,860	ROYAL DUTCH SHELL PLC	1,942,108	2,364,189
30,540	SBM OFFSHORE NV	480,443	537,985
58,554	FLOW TRADERS	1,719,479	1,406,233
111,274	ING GROEP NV	1,569,187	2,047,693
109,040	GALP ENERGIA SGPS SA	1,631,991	2,006,582
6,352	ROCHE HOLDING AG	1,453,707	1,606,740
8,937	BASILEA PHARMACEUTICA AG	642,785	696,068
186,744	UBS GROUP AG	2,972,474	3,437,853
283,785	BAE SYSTEMS PLC	2,128,280	2,199,691
303,241	STANDARD CHARTERED PLC	2,666,416	3,200,042
334,760	HSBC HOLDINGS PLC	2,717,242	3,472,881
63,583	PRUDENTIAL PLC	1,372,951	1,638,957
790,697	BP PLC	4,994,756	5,590,880
871,258	BARCLAYS PLC	2,382,960	2,393,725
375,662	KINGFISHER PLC	1,536,601	1,716,113
42,348	ROYAL DUTCH SHELL PLC	1,224,346	1,437,026
774,326	COBHAM PLC	1,205,201	1,322,954
139,941	ROLLS-ROYCE HOLDINGS PLC	1,426,292	1,603,415
576,463	MAN GROUP PLC	1,079,807	1,612,648
6,437,286	ROLLS-ROYCE HOLDINGS PLC	8,477	8,708
1,109,807	VODAFONE GROUP PLC	3,031,227	3,528,035

49,461	JOHNSON MATTHEY PLC	2,280,001	2,057,432
29,809	CRH PLC	1,036,140	1,072,229
482,000	QUANTA COMPUTER INC	901,815	1,002,598
57,000	BANGKOK BANK PCL	257,061	383,032
222,100	BANGKOK BANK PCL	989,234	1,376,625
234,500	CHINA MOBILE LTD	2,417,751	2,377,307
1,420,000	KUNLUN ENERGY CO LTD	1,062,278	1,478,618
4,956,410	CHINA TELECOM CORP LTD	2,288,611	2,358,595
587,000	CHINA LIFE INSURANCE CO LTD	1,529,365	1,843,456
169,500	CK HUTCHISON HOLDINGS LTD	2,287,362	2,127,071
39,400	IHI CORP	1,026,930	1,311,585
63,200	KIRIN HOLDINGS CO LTD	1,036,471	1,593,605
159,900	PANASONIC CORP	1,630,737	2,341,368
78,400	MITSUI FUDOSAN CO LTD	1,818,254	1,757,301
9,900	MURATA MANUFACTURING CO LTD	1,500,431	1,328,788
29,100	OMRON CORP	1,118,991	1,735,925
7,600	RYOHIN KEIKAKU CO LTD	1,671,773	2,368,043
43,900	SOFTBANK GROUP CORP	2,922,652	3,476,147
29,300	SUMITOMO METAL MINING CO LTD	757,150	1,346,786
62,400	SUMITOMO RUBBER INDUSTRIES LTD	1,144,247	1,161,033
27,900	SEVEN & I HOLDINGS CO LTD	1,174,495	1,159,838
136,700	INPEX CORP	1,349,535	1,709,812
44,400	SUNTORY BEVERAGE & FOOD LTD	1,848,176	1,974,647
2,660	LG CHEM LTD	679,432	1,006,305
2,405	SAMSUNG ELECTRONICS CO LTD	3,588,187	5,724,103
49,131	HANA FINANCIAL GROUP INC	1,271,191	2,285,482
51,143	DBS GROUP HOLDINGS LTD	613,843	950,990
83,700	UNITED OVERSEAS BANK LTD	1,181,892	1,656,589
345,290	SINGAPORE TELECOMMUNICATIONS L	872,367	922,392
14,425	ALLERGAN PLC	3,083,601	2,359,642
18,200	LIVANOVA PLC	867,659	1,454,544
19,400	MEDTRONIC PLC	1,437,263	1,566,550
25,410	PERRIGO CO PLC	1,990,142	2,214,736
89,000	HUSKY ENERGY INC	1,041,856	1,260,824
109,400	WHEATON PRECIOUS METALS CORP	2,206,244	2,426,454
64,142	TELENOR ASA	961,269	1,379,398
25,310	YARA INTERNATIONAL ASA	1,000,439	1,165,652
33,527	ALIBABA GROUP HOLDING LTD	3,067,032	5,781,061
441,880	AMBEV SA	2,450,530	2,854,545
25,840	FOMENTO ECONOMICO MEXICANO SAB	1,969,266	2,426,376
161,275	TAIWAN SEMICONDUCTOR MANUFACTU	5,839,291	6,394,554
36,833	ANHEUSER-BUSCH INBEV SA/NV	3,906,328	4,119,053
56,026	SAP SE	5,047,889	6,286,944
107,555	INDUSTRIA DE DISENO TEXTIL SA	4,029,868	3,751,221
204,606	RELX NV	3,680,687	4,708,666
101,299	UNILEVER NV	4,309,082	5,711,599
14,663	ROCHE HOLDING AG	3,355,747	3,709,009
53,408	NESTLE SA	3,997,205	4,592,704
132,018	BRITISH AMERICAN TOBACCO PLC	7,538,962	8,961,513
66,296	RECKITT BENCKISER GROUP PLC	5,682,726	6,205,092
462,074	AIB GROUP PLC	2,774,383	3,051,722
54,755	PADDY POWER BETFAIR PLC	5,820,659	6,522,381
44,356	TENCENT HOLDINGS LTD	1,117,902	2,303,677
69,235	MEDTRONIC PLC	5,146,906	5,590,726
134,692	NIELSEN HOLDINGS PLC	5,324,035	4,902,789
12,611	NASPERS LTD	1,857,381	3,515,393
133,759	ALIMENTATION COUCHE-TARD INC	6,108,708	7,002,077
23,600	BAIDU INC	3,981,071	5,527,356
54,431	BAYER AG	5,691,162	6,797,517
383,863	COMMERZBANK AG	2,933,757	5,764,088
498,693	TELEFONICA SA	4,639,289	4,865,498
67,170	SANOFI	5,448,177	5,795,258
78,141	BNP PARIBAS SA	4,990,484	5,841,024
4,778	GEMALTO NV	273,672	284,002

	87,342	TOTAL SA	4,386,031	4,829,212
	109,587	ROYAL DUTCH SHELL PLC	3,003,525	3,656,286
	91,500	NOVARTIS AG	6,671,078	7,736,891
	25,709	ROCHE HOLDING AG	5,883,715	6,503,097
	459,057	HSBC HOLDINGS PLC	3,726,159	4,762,367
	1,151,623	BP PLC	7,251,623	8,142,924
	2,318,178	TESCO PLC	5,851,285	6,561,903
	101,912	ASTRAZENECA PLC	5,588,036	7,059,885
	139,653	ROYAL DUTCH SHELL PLC	3,869,708	4,685,107
	1,056,140	ROYAL BANK OF SCOTLAND GROUP P	2,931,074	3,971,768
	833,000	BANGKOK BANK PCL	3,710,183	5,163,118
	914,000	GALAXY ENTERTAINMENT GROUP LTD	3,984,600	7,330,894
	504,000	SWIRE PACIFIC LTD	4,813,682	4,664,577
	1,033,500	SHANGHAI FOSUN PHARMACEUTICAL	3,823,348	6,630,170
	386,500	CK HUTCHISON HOLDINGS LTD	4,381,877	4,850,223
	116,300	ALPS ELECTRIC CO LTD	3,187,447	3,324,332
	67,900	EAST JAPAN RAILWAY CO	5,879,796	6,627,257
	128,500	SUMITOMO MITSUI TRUST HOLDINGS	4,608,527	5,102,357
	153,500	JAPAN TOBACCO INC	5,058,979	4,947,701
	174,600	SUMITOMO MITSUI FINANCIAL GROU	6,676,521	7,545,076
	470,300	PANASONIC CORP	4,796,346	6,886,461
	221,600	MITSUBISHI CORP	4,730,861	6,123,753
	814,900	NOMURA HOLDINGS INC	4,814,572	4,811,274
	8,421,200	BANK MANDIRI PERSERO TBK PT	3,763,359	4,965,544
	316,500	DBS GROUP HOLDINGS LTD	3,798,789	5,885,233
	26,900	CREDICORP LTD	4,452,633	5,579,867
	115,929	JOHNSON CONTROLS INTERNATIONAL	4,743,597	4,418,054
	917,859	NOKIA OYJ	4,441,697	4,291,831
	273,759	DNB ASA	4,677,972	5,090,716
	322,800	JPM STRUCT PROD BV L/WTS	1,546,212	4,319,064
	267,200	JPM STRUCT PROD BV L/WTS	4,943,200	7,123,552
	155,100	JPM STRUCT PROD BV LEPW	2,025,606	2,801,106
	349,000	JPM STRUCT PROD BV LEPW	1,112,147	2,062,590
	46,800	JPM STRUCT PROD BV LEPO WTS	3,648,060	7,097,688
	7,500	JPM STRUCT PROD BV LEPO WTS	2,396,100	3,547,875
		Corporate Stock Total	700,250,037	853,743,285
Infrastructure				
	6,666,490	FIRST RESERVE ENERGY INFRA	7,492,110	6,666,490
	6,373,893	ALTERNA CORE CAPITAL ASSETS II	7,058,465	6,373,893
	15,730,212	BASALT INFRA PARTNERS LP	13,073,791	15,730,212
	25,366,858	IFM GLOBAL INFRA OFFSHORE LP	22,768,766	25,366,858
	235,970	FIR TREE OPP FD VI CAYMAN LP	650,062	235,970
	1	FREIF II WAREHOUSE CO-INVEST	58,553	1
	4,995,440	BROOKFIELD INFRA FUND III LP	4,790,763	4,995,440
	194,175	MERIDIAM INFRA NORTH AMERICA	194,175	194,175
		Infrastructure Total	56,086,685	59,563,039
Other Investments				
	910,000	CHILE GOVERNMENT INTERNATIONAL 3.860% 06/21/2047 DD 06/21/17	908,553	934,570
	3,420,000	MEXICO GOVERNMENT INTERNATIONAL 4.600% 01/23/2046 DD 01/23/15	3,300,300	3,372,120
	640,000	MEXICO GOVERNMENT INTERNATIONAL 4.600% 02/10/2048 DD 10/10/17	638,061	632,000
	3,245,000	COLOMBIA GOVERNMENT INTERNATIONAL 5.000% 06/15/2045 DD 01/28/15	3,287,645	3,431,588
	1,015,000	PANAMA GOVERNMENT INTERNATIONAL 4.300% 04/29/2053 DD 04/29/13	1,002,414	1,059,660
	1,795,000	PERUVIAN GOVERNMENT INTERNATIONAL 5.625% 11/18/2050 DD 11/18/10	2,204,220	2,302,985
	1,470,000	MEXICO GOVERNMENT INTERNATIONAL 4.750% 03/08/2044 DD 03/08/12	1,457,138	1,486,170
	3,370,000	MEXICO GOVERNMENT INTERNATIONAL 4.600% 01/23/2046 DD 01/23/15	3,250,702	3,322,820
	750,000	MEXICO GOVERNMENT INTERNATIONAL 4.350% 01/15/2047 DD 08/11/16	701,175	716,250
	1,655,000	URUGUAY GOVERNMENT INTERNATIONAL 5.100% 06/18/2050	1,645,484	1,837,050
	5,200,000	KREDITANSTALT FUER WIEDERAUFBA 1.625% 05/29/2020 DD 05/31/17	5,192,148	5,142,904
	7,130,000	SAUDI GOVERNMENT INTERNATIONAL 144A 2.875% 03/04/2023 DD 10/04/17	7,082,657	7,008,933
	2,360,000	ABU DHABI GOVERNMENT INTERNATIONAL 144A 3.125% 10/11/2027 DD 10/11/17	2,319,008	2,307,514
	2,950,000	JAPAN BANK FOR INTERNATIONAL C 2.125% 07/21/2020 DD 07/21/17	2,951,974	2,927,462
	1,470,000	OMAN GOVERNMENT INTERNATIONAL 144A 5.375% 03/08/2027 DD 03/08/17	1,464,385	1,482,848

1,720,000	SAUDI GOVERNMENT INTERNAT 144A 3.625% 03/04/2028 DD 10/04/17	1,699,893	1,704,520
575,000	HOUSTON TX 5.000% 03/01/2029 DD 12/13/17	684,313	695,169
695,000	LOS ANGELES CA DEPT WTR & PWR 6.574% 07/01/2045 DD 12/02/10	951,038	1,045,989
1,635,000	LOS ANGELES CA UNIF SCH DIST 5.750% 07/01/2034 DD 10/15/09	2,051,546	2,084,936
475,000	MET TRANSPRTN AUTH NY DEDICATE 6.089% 11/15/2040 DD 03/25/10	602,490	635,512
1,050,000	N TX TOLLWAY AUTH REVENUE 6.718% 01/01/2049 DD 08/12/09	1,515,759	1,597,355
820,000	PORT AUTH OF NEW YORK & NEW JE 4.926% 10/01/2051 DD 10/06/11	922,527	1,013,208
795,000	PORT AUTH OF NEW YORK & NEW JE 4.229% 10/15/2057 DD 05/09/17	795,000	880,558
800,000	PORT AUTH OF NEW YORK & NEW JE 4.458% 10/01/2062 DD 10/10/12	805,984	923,784
565,000	CHICAGO IL 4.864% 12/01/2022 DD 08/26/10	591,640	599,284
925,000	CHICAGO IL TRANSIT AUTH SALES 6.300% 12/01/2021 DD 08/06/08	996,541	993,607
295,000	CHICAGO IL TRANSIT AUTH SALES 6.300% 12/01/2021 DD 08/06/08	317,878	316,880
3,425,000	CALIFORNIA ST 7.350% 11/01/2039 DD 11/10/09	4,844,274	5,139,966
1,330,000	ILLINOIS ST 5.100% 06/01/2033 DD 06/12/03	1,195,258	1,327,792
695,000	NEW YORK ST URBAN DEV CORP REV 5.770% 03/15/2039 DD 12/01/09	845,398	849,686
430,000	TEXAS ST TRANSPRTN COMMISSION 5.178% 04/01/2030 DD 08/05/10	509,701	516,619
925,000	ALAMEDA CNTY CA JT PWRS AUTH L 7.046% 12/01/2044 DD 11/04/10	1,310,327	1,393,614
1,150,000	BAY AREA CA TOLL AUTH TOLL BRI 7.043% 04/01/2050 DD 07/01/10	1,672,284	1,816,793
910,000	CALIFORNIA ST 7.500% 04/01/2034 DD 04/28/09	1,297,032	1,347,546
725,000	CALIFORNIA ST 7.550% 04/01/2039 DD 04/28/09	1,092,510	1,140,867
770,000	CALIFORNIA ST 7.300% 10/01/2039 DD 10/15/09	1,087,540	1,148,732
1,590,000	CALIFORNIA ST 7.600% 11/01/2040 DD 12/01/10	2,387,496	2,539,119
1,725,000	UNIV OF CALIFORNIA CA RGTS MED 6.583% 05/15/2049 DD 12/17/09	2,328,215	2,426,609
505,000	UNIV OF CALIFORNIA CA REVENUES 5.946% 05/15/2045 DD 09/30/10	622,584	661,393
490,000	UNIV OF COLORADO CO ENTERPRISE 5.000% 06/01/2031 DD 12/12/17	599,187	605,718
	Other Investments Total	69,132,276	71,370,131

Private Equity

2,662,450	TPG OPPORTUNITIES FUND II	2,797,767	2,662,450
13,781,085	BLACKSTONE ENERGY PARTNERS	14,395,834	13,781,085
7,603,145	GRIDIRON CAPITAL FUND II LP	8,708,989	7,603,145
111,763	HVEST PART V PARTNERS FUND	110,650	111,763
611,526	HVEST PART VI PARTNERSHIP FD	818,865	611,526
406,614	HVEST PART VI BUYOUT PART FUND	574,895	406,614
698,607	HVEST PART VI DIRECT FUND	814,220	698,607
83,964	HARBOURVEST INTL PVT EQ	161,839	83,964
23,371,023	PEG POOLED VENT CAP INST	24,586,626	23,371,023
8,937,345	PEG US POOLED CORP FIN INST	9,992,520	8,937,345
1,043,503	PEG US DIR CORP FIN INST	328,399	1,043,503
3,069,215	GS PEP 2005 - DIRECT FUND	3,598,116	3,069,215
13,858,015	GS PEP 2005-MANAGERS FUND	14,900,568	13,858,015
24,227,367	WARBURG PINCUS PRIVATE EQUITY	22,878,829	24,227,367
11,160,852	AMERICAN SECURITIES PARTNERS	10,498,069	11,160,852
8,258,150	WATERLAND PRIVATE EQUITY	8,251,580	9,916,386
11,269,621	PATRIA - BRAZILIAN PRIVATE	9,274,370	11,269,621
22,588,510	TPG GROWTH II LP	25,549,048	22,588,510
2,355,054	OHA EUROPEAN STRATEGIC CREDIT	2,288,748	2,355,054
10,363,236	PLATINUM EQ CAP PARTNERS III	7,101,180	10,363,236
3,758,053	APOLLO EUROPEAN PRINCIPAL FUND	3,184,457	4,512,670
8,558,916	RIDGEMONT EQUITY PARTNERS FUND	7,427,595	8,558,916
3,003,686	SECONDARY INVESTMENT SPV-3 LP	3,700,920	3,003,686
5,415,574	H.I.G. CAPITAL PARTNERS V LP	4,535,016	5,415,574
4,191,328	KPS SPECIAL SITUATIONS FUND IV	3,746,511	4,191,328
4,307,919	ASCRIBE OPP FUND III LP	4,534,401	4,307,919
5,489,422	HIGH ROAD CAPITAL PARTNERS FD	7,469,095	5,489,422
14,955,600	PROVIDENCE DEBT FUND III LP	13,881,705	14,955,600
13,400,606	CVC CAPITAL PRTRNS VI (C) LP	13,667,824	16,091,448
16,012,742	APOLLO INVESTMENT FUND VIII LP	13,643,238	16,012,742
8,690,663	TZP CAPITAL PARTNERS II LP	7,938,001	8,690,663
3,483,826	SECONDARY INVESTMENTS SPV-4 LP	3,227,662	3,483,826
3,340,604	HIG EUROPE CAPITAL PARTNERS II	4,212,279	4,011,397
1,094,300	BOWMARK CAPITAL PARTNERS V	1,494,306	1,480,314
5,169,607	TPG OPPORTUNITIES PARTNERS III	4,960,968	5,169,607
4,978,204	BLACKSTONE ENERGY PARTNERS II	4,517,527	4,978,204

	2,360,428	WATERLAND PE FUND VI C.V.	2,263,211	2,834,402
	1,293,582	PATRIA-BRAZILIAN PE FUND V LP	1,027,794	1,293,582
	4,099,079	AMERICAN SECURITIES PTNRS VII	3,610,974	4,099,079
	2,696,220	TPG GROWTH III LP	2,954,843	2,696,220
	1,513,613	BLACKSTONE CAPITAL PARTNERS	1,538,631	1,513,613
	3,827,873	GRIDIRON CAPITAL FUND III LP	3,916,845	3,827,873
	1,708,308	PLATINUM EQUITY CAP PARTNERS	1,649,075	1,708,308
	375,000	OHA STRATEGIC CREDIT FUND II	375,000	375,000
		Private Equity Total	287,108,989	296,820,675
Real Estate				
	5,221,381	STANDARD LIFE INVEST EURO RE	5,054,375	6,269,835
	2,072,972	ASANA PARTNERS FUND I LP	1,949,807	2,072,972
	7,234	TTG BRPTP FUND LP	6,636	7,234
	5,811,057	BRAZIL REAL ESTATE	5,348,088	5,811,057
	29,779,427	JAMESTOWN PREMIER PROPERTY	28,928,521	29,779,427
	19,819,842	LION INDUSTRIAL TRUST	16,297,759	19,819,842
	4,389,940	IRON POINT REAL ESTATE	4,075,842	4,389,940
	31,244,666	JPMCB STRATEGIC PROPERTY FUND	29,379,507	31,244,666
	23,206,378	USAA EAGLE REAL ESTATE FEEDER	20,384,365	23,206,378
	23,292,775	SAROFIM REALTY FUND III LP	18,318,912	23,292,775
	11,646,388	SAROFIM REALTY FD III LP NEW	9,159,456	11,646,388
	10,477,543	SAROFIM REALTY FUND I LP	7,145,646	10,477,543
	8,185,581	SAROFIM REALTY FD I LP NEW	5,795,453	8,185,581
	26,358,573	SAROFIM REALTY FUND II LP	17,972,570	26,358,573
	1,013,791	SAROFIM REALTY FD II LP NEW	691,253	1,013,791
	9,184	RREEF AMERICA REIT III	474,636	9,184
	35,755,607	PRISA	33,331,245	35,755,607
	696,074	EXETER INDUSTRIAL VALUE FUND	646,319	696,074
	127,828	BROOKFIELD REAL ESTATE FINANCE	502,953	127,828
	6,819,222	BROOKFIELD STRATEGIC RE	3,302,612	6,819,222
	2,236,097	GREENFIELD MULTI-STATE	2,015,287	2,236,097
	5,381,170	UNICO PARTNERS I LP	4,938,974	5,381,170
	3,836,474	ALMANAC REALTY SECURITIES VII	4,057,206	3,836,474
	4,386,896	GREENFIELD ACQUI RTNRS VII LP	4,080,567	4,386,896
	10,866,241	BROOKFIELD PREMIER RE PRTN	10,000,000	10,866,241
	16,746,602	JPMCB SPECIAL SITUATION	20,000,000	16,746,602
		Real Estate Total	253,857,987	290,437,396
US Government Obligations				
	1,065,000	PRIVATE EXPORT FUNDING CORP 3.550% 01/15/2024 DD 01/14/14	1,134,310	1,128,772
	1,405,000	ISRAEL ST AID 5.500% 09/18/2033 DD 09/18/03	1,819,194	1,888,011
	516,000	HASHEMITE KINGDOM OF JORDAN GO 3.000% 06/30/2025 DD 06/30/15	532,135	531,031
	3,500,000	IRAQ GOVERNMENT AID BOND 2.149% 01/18/2022 DD 01/18/17	3,527,090	3,479,910
	290,000	ISRAEL ST AID 5.500% 04/26/2024 DD 04/26/04	347,774	340,834
	3,500,000	UKRAINE GOVERNMENT AID BONDS 1.471% 09/29/2021 DD 09/29/16	3,438,925	3,408,685
	10,445,000	U S TREASURY BD PRIN STRIP 0.000% 02/15/2045 DD 02/17/15	4,312,845	4,910,299
	5,665,000	U S TREASURY BD PRIN STRIP 0.000% 08/15/2045 DD 08/17/15	2,304,805	2,627,314
	12,175,000	U S TREASURY BOND 2.875% 05/15/2043 DD 05/15/13	12,428,315	12,518,822
	44,595,000	U S TREASURY BOND 2.500% 02/15/2045 DD 02/15/15	39,722,550	42,513,305
	46,460,000	U S TREASURY BOND 3.000% 05/15/2045 DD 05/15/15	45,831,861	48,792,292
	26,790,000	U S TREASURY BOND 2.875% 08/15/2045 DD 08/15/15	25,780,285	27,474,485
	71,550,000	U S TREASURY BOND 2.500% 02/15/2046 DD 02/15/16	65,326,953	68,086,980
	18,160,000	U S TREASURY BOND 2.500% 05/15/2046 DD 05/15/16	16,201,708	17,274,700
	48,180,000	U S TREASURY BOND 2.250% 08/15/2046 DD 08/15/16	40,607,434	43,461,733
	23,850,000	U S TREASURY BOND 2.750% 08/15/2047 DD 08/15/17	23,467,370	23,879,813
	3,205,000	FEDERAL HOME LN MTG CORP 6.750% 03/15/2031 DD 10/25/00	4,517,095	4,583,278
	4,775,000	FEDERAL NATL MTG ASSN 7.250% 05/15/2030 DD 05/05/00	6,919,071	6,985,300
	7,890,000	FEDERAL NATL MTG ASSN 1.875% 09/24/2026 DD 09/27/16	7,248,780	7,437,430
	21,780,000	U S TREASURY BD PRIN STRIP 0.000% 02/15/2043 DD 02/15/13	9,598,261	10,902,850
	9,310,000	U S TREASURY BOND 6.125% 11/15/2027 DD 11/15/97	12,385,573	12,339,381
	6,695,000	U S TREASURY BOND 5.000% 05/15/2037 DD 05/15/07	9,099,185	9,179,715
	12,945,000	U S TREASURY BOND 4.250% 05/15/2039 DD 05/15/09	15,876,679	16,361,833
	9,025,000	U S TREASURY BOND 3.125% 11/15/2041 DD 11/15/11	9,159,292	9,702,236
	12,297,600	U S TREASURY BOND 3.125% 02/15/2042 DD 02/15/12	12,478,744	13,219,428

3,774,346	US TREAS-CPI INFLAT 0.750% 02/15/2042 DD 02/15/12	3,577,283	3,811,070
23,181,300	U S TREASURY BOND 3.000% 05/15/2042 DD 05/15/12	23,232,867	24,399,246
9,920,000	U S TREASURY BOND 3.125% 02/15/2043 DD 02/15/13	10,226,132	10,657,453
20,290,000	U S TREASURY BOND 3.625% 08/15/2043 DD 08/15/13	22,545,858	23,680,662
27,750,000	U S TREASURY BOND 3.750% 11/15/2043 DD 11/15/13	32,001,852	33,064,680
9,705,000	U S TREASURY BOND 3.625% 02/15/2044 DD 02/15/14	10,757,022	11,343,883
3,666,000	U S TREASURY BOND 3.125% 08/15/2044 DD 08/15/14	3,843,945	3,940,253
18,405,000	U S TREASURY BOND 3.000% 11/15/2044 DD 11/15/14	18,181,379	19,331,692
7,904,900	U S TREASURY BOND 3.000% 05/15/2045 DD 05/15/15	7,993,016	8,301,726
6,925,000	U S TREASURY BOND 3.000% 11/15/2045 DD 11/15/15	6,828,869	7,272,635
2,222,620	US TREAS-CPI INFLAT 1.000% 02/15/2046 DD 02/15/16	2,231,833	2,374,336
18,495,000	U S TREASURY BOND 3.000% 02/15/2047 DD 02/15/17	18,978,929	19,450,822
13,420,000	U S TREASURY BOND 3.000% 05/15/2047 DD 05/15/17	13,860,793	14,109,385
9,939,500	U S TREASURY BOND 2.750% 08/15/2047 DD 08/15/17	9,849,061	9,951,924
2,300,000	FEDERAL NATL MTG ASSN 1.875% 09/24/2026 DD 09/27/16	2,166,968	2,168,072
5,000,000	FEDERAL HOME LN MTG CORP 1.375% 04/20/2020 DD 04/20/17	4,975,300	4,929,350
39,390,000	U S TREASURY BILL 0.000% 02/08/2018 DD 08/10/17	39,293,208	39,293,208
7,495,000	U S TREASURY BILL 0.000% 03/15/2018 DD 09/14/17	7,470,541	7,470,541
23,015,000	U S TREASURY NOTE 1.375% 08/31/2023 DD 08/31/16	22,241,026	21,940,660
7,205,000	U S TREASURY NOTE 1.125% 08/31/2021 DD 08/31/16	7,041,576	6,960,174
7,580,000	U S TREASURY NOTE 1.500% 08/15/2020 DD 08/15/17	7,591,302	7,496,241
8,495,000	U S TREASURY NOTE 2.250% 08/15/2027 DD 08/15/17	8,403,833	8,375,560
21,875,000	U S TREASURY NOTE 2.250% 11/15/2027 DD 11/15/17	21,622,223	21,566,563
3,180,000	U S TREASURY NOTE 1.750% 11/15/2020 DD 11/15/17	3,166,460	3,161,747
3,555,000	U S TREASURY NOTE 1.750% 11/30/2019 DD 11/30/17	3,551,151	3,546,113
11,475,000	U S TREASURY NOTE 2.125% 11/30/2024 DD 11/30/17	11,279,293	11,324,448
11,445,000	U S TREASURY NOTE 1.625% 03/31/2019 DD 03/31/14	11,541,120	11,411,466
3,090,000	U S TREASURY NOTE 1.625% 04/30/2019 DD 04/30/14	3,115,951	3,080,452
10,090,000	U S TREASURY NOTE 2.000% 10/31/2021 DD 10/31/14	10,220,855	10,046,613
16,140,000	U S TREASURY NOTE 1.000% 08/15/2018 DD 08/15/15	16,118,564	16,075,763
5,560,000	U S TREASURY NOTE 1.375% 09/30/2020 DD 09/30/15	5,538,064	5,475,321
9,210,000	U S TREASURY NOTE 2.000% 11/30/2022 DD 11/30/15	9,141,995	9,126,189
12,575,000	U S TREASURY NOTE 1.625% 11/30/2020 DD 11/30/15	12,616,753	12,448,747
18,605,000	U S TREASURY NOTE 1.625% 02/15/2026 DD 02/15/16	17,560,339	17,570,190
7,960,000	U S TREASURY NOTE 1.125% 02/28/2021 DD 02/29/16	7,823,188	7,740,782
15,435,000	U S TREASURY NOTE 1.375% 04/30/2021 DD 04/30/16	15,299,699	15,100,987
13,455,000	U S TREASURY NOTE 1.625% 05/15/2026 DD 05/15/16	12,691,849	12,672,995
2,805,000	U S TREASURY NOTE 1.375% 05/31/2021 DD 05/31/16	2,750,356	2,741,888
2,665,000	U S TREASURY NOTE 1.125% 09/30/2021 DD 09/30/16	2,602,955	2,571,405
11,985,000	U S TREASURY NOTE 1.250% 10/31/2021 DD 10/31/16	11,751,386	11,610,469
14,665,000	U S TREASURY NOTE 0.750% 10/31/2018 DD 10/31/16	14,579,645	14,544,160
9,000,000	U S TREASURY NOTE 1.750% 11/30/2021 DD 11/30/16	9,029,076	8,874,540
16,195,000	U S TREASURY NOTE 2.000% 12/31/2021 DD 12/31/16	16,379,978	16,112,729
8,775,000	U S TREASURY NOTE 1.250% 12/31/2018 DD 12/31/16	8,788,025	8,726,299
24,030,000	U S TREASURY NOTE 1.875% 01/31/2022 DD 01/31/17	24,188,636	23,780,328
8,330,000	U S TREASURY NOTE 2.250% 01/31/2024 DD 01/31/17	8,406,141	8,312,091
6,765,000	U S TREASURY NOTE 2.250% 02/15/2027 DD 02/15/17	6,746,313	6,676,243
8,200,000	U S TREASURY NOTE 1.625% 03/15/2020 DD 03/15/17	8,260,219	8,150,062
8,945,000	U S TREASURY NOTE 2.125% 03/31/2024 DD 03/31/17	8,992,870	8,853,850
46,545,000	U S TREASURY NOTE 1.250% 03/31/2019 DD 03/31/17	46,576,049	46,201,498
12,330,000	U S TREASURY NOTE 1.500% 05/31/2019 DD 05/31/14	12,402,728	12,268,350
9,435,000	U S TREASURY NOTE 1.875% 04/30/2022 DD 04/30/17	9,428,018	9,322,252
6,885,000	U S TREASURY NOTE 1.625% 07/31/2020 DD 07/31/15	6,922,114	6,832,054
9,563,000	U S TREASURY BOND 5.250% 02/15/2029 DD 02/15/99	12,376,987	12,178,672
1,130,000	U S TREASURY BOND 4.375% 11/15/2039 DD 11/15/09	1,439,602	1,453,948
9,590,000	U S TREASURY NOTE 2.000% 02/15/2025 DD 02/15/15	9,553,288	9,374,609
40,915,000	U S TREASURY NOTE 0.750% 12/31/2017 DD 12/31/12	40,841,481	40,915,000
104,172,000	U S TREASURY NOTE 1.875% 03/31/2022 DD 03/31/17	104,355,115	102,995,898
61,941,000	U S TREASURY NOTE 1.250% 03/31/2019 DD 03/31/17	61,953,098	61,483,875
4,865,000	U S TREASURY NOTE 2.500% 05/15/2024 DD 05/15/14	4,927,903	4,919,926
96,679,000	U S TREASURY NOTE 1.500% 04/15/2020 DD 04/15/17	96,780,966	95,779,885
8,000,000	U S TREASURY NOTE 1.875% 04/30/2022 DD 04/30/17	8,066,875	7,904,400
12,013,964	US TREASURY INFLATION INDX FWD 0.375% 07/15/2025 DD 07/15/15	11,944,174	11,944,174
14,354,289	US TREASURY INFLATION INDX FWD 3.750% 07/15/2027 DD 07/15/17	14,219,556	14,219,556

(12,685,000)	US TREASURY NOTE FWD 01/31/18 2.000% 08/15/2025 DD 08/15/15	(12,304,980)	(12,304,980)
(15,420,000)	U S TREASURY NOTE FWD 2.250% 08/15/2027 DD 08/15/17	(15,218,256)	(15,218,256)
(13)	US 10YR ULTRA FUTURE (CBT) EXP MAR 18	-	8,850
(211)	US LONG BOND FUTURE (CBT) EXP MAR 18	-	49,687
(6)	US 10YR NOTE FUTURE (CBT) EXP MAR 18	-	5,156
41	US 5YR TREAS NTS FUTURE (CBT) EXP MAR 18	-	(12,571)
(61)	US 2YR TREAS NTS FUT (CBT) EXP MAR 18	-	14,232
78	US ULTRA BOND (CBT) EXP MAR 18	-	162,994
69	US 10YR ULTRA FUTURE (CBT) EXP MAR 18	-	(51,750)
(260)	US LONG BOND FUTURE (CBT) EXP MAR 18	-	126,844
(90)	US 10YR NOTE FUTURE (CBT) EXP MAR 18	-	34,352
173	US 5YR TREAS NTS FUTURE (CBT) EXP MAR 18	-	(37,390)
117	US 2YR TREAS NTS FUT (CBT) EXP MAR 18	-	3,657
264	US ULTRA BOND (CBT) EXP MAR 18	-	229,094
(216)	USD IRS 10YR PRIM FUTURE (CBT) EXP MAR 18	-	(15,031)
280	US 10YR NOTE FUTURE (CBT) EXP MAR 18	-	(168,969)
512	US 5YR TREAS NTS FUTURE (CBT) EXP MAR 18	-	(243,219)
117	US 2YR TREAS NTS FUT (CBT) EXP MAR 18	-	(56,875)
2,450,000	U S TREASURY NOTE	2,426,266	2,424,741
	US Government Obligations Total	1,357,812,917	1,377,399,111

401(h) Investments

Common/Collective Trusts

9,874	EB TEMP INV FDVAR RT 12/31/49 FEE CL 20	9,874	9,874
2,007,334	EB TEMP INV FDVAR RT 12/31/49 FEE CL 20	2,007,334	2,007,334
2,039,207	EB TEMP INV FDVAR RT 12/31/49 FEE CL 20	2,039,207	2,039,207
46,513	EB TEMP INV FDVAR RT 12/31/49 FEE CL 20	46,513	46,513
606,112	EB DV ACWI FUND	112,862,621	122,178,188
8,142,252	JPMCB LONG DURATION INVESTMENT	130,502,712	176,116,915
	Common/Collective Trusts Total	247,468,262	302,398,030

Corporate and Government Bonds

735,000	U S TREASURY BD PRIN STRIP 0.000% 05/15/2030 DD 02/15/00	540,071	544,003
2,055,000	U S TREASURY BD PRIN STRIP 0.000% 02/15/2047 DD 02/15/17	888,150	915,749
630,000	U S TREASURY BOND 5.375% 02/15/2031 DD 02/15/01	842,675	837,087
14,260,000	U S TREASURY BOND 4.375% 11/15/2039 DD 11/15/09	18,227,660	18,348,057
11,480,000	U S TREASURY BOND 4.375% 05/15/2040 DD 05/15/10	14,674,669	14,802,082
1,090,000	U S TREASURY BOND 3.000% 11/15/2045 DD 11/15/15	1,150,504	1,144,718
910,000	U S TREASURY BOND 2.875% 11/15/2046 DD 11/15/16	910,071	933,496
935,000	U S TREASURY BOND 3.000% 02/15/2047 DD 02/15/17	979,668	983,321
22,544,000	U S TREASURY BOND 3.000% 05/15/2047 DD 05/15/17	22,965,172	23,702,085
4,280,103	US TREAS-CPI INFLAT 0.375% 07/15/2027 DD 07/15/17	4,235,560	4,257,333
8,690,000	U S TREASURY BD CPN STRIP 0.000% 02/15/2037 DD 02/15/07	5,069,659	5,172,896
140,000	ABBVIE INC 4.450% 05/14/2046 DD 05/12/16	146,682	152,180
400,000	ALABAMA POWER CO 4.300% 01/02/2046 DD 01/13/16	431,840	446,760
520,000	ALTRIA GROUP INC 3.875% 09/16/2046 DD 09/16/16	508,445	516,001
125,000	AMAZON.COM INC 144A 4.250% 08/22/2057 DD 08/22/17	123,978	136,361
500,000	AMGEN INC 4.563% 06/15/2048 DD 12/15/16	537,800	557,505
900,000	ANHEUSER-BUSCH INBEV FINANCE I 4.700% 02/01/2036 DD 01/25/16	995,094	1,006,335
630,000	ANHEUSER-BUSCH INBEV FINANCE I 4.900% 02/01/2046 DD 01/25/16	710,407	730,164
20,000	ANTHEM INC 3.650% 12/01/2027 DD 11/21/17	19,960	20,387
15,000	ANTHEM INC 4.375% 12/01/2047 DD 11/21/17	15,000	15,949
210,000	APACHE CORP 4.250% 01/15/2044 DD 12/03/12	200,393	203,442
855,000	APPLE INC 3.850% 08/04/2046 DD 08/04/16	856,203	891,055
90,000	APPLIED MATERIALS INC 4.350% 04/01/2047 DD 03/31/17	96,393	100,961
50,000	ASCENSION HEALTH 3.945% 11/15/2046 DD 05/11/16	51,487	52,869
895,000	BANK OF AMERICA CORP VAR RT 01/20/2028 DD 01/20/17	915,245	925,761
280,000	BANK OF AMERICA CORP VAR RT 01/20/2048 DD 01/20/17	298,281	315,549
175,000	BERKSHIRE HATHAWAY INC 4.500% 02/11/2043 DD 02/11/13	194,506	201,667
430,000	BROADCOM CORP / BROADCOM 144A 3.875% 01/15/2027 DD 01/19/17	441,546	423,142
850,000	BURLINGTON NORTHERN SANTA FE L 4.150% 04/01/2045 DD 03/09/15	896,980	923,687
360,000	DUKE ENERGY PROGRESS LLC 4.100% 05/15/2042 DD 05/18/12	377,014	389,876
210,000	CELGENE CORP 4.350% 11/15/2047 DD 11/09/17	209,439	218,133

120,000	CISCO SYSTEMS INC 5.500% 01/15/2040 DD 11/17/09	150,523	158,784
245,000	CLECO CORPORATE HOLDINGS LLC VAR RT 05/01/2046 DD 11/01/16	265,158	270,309
1,080,000	COMCAST CORP 3.400% 07/15/2046 DD 07/19/16	984,096	1,021,853
35,000	COMCAST CORP 3.999% 11/01/2049 DD 10/19/17	34,207	35,841
175,000	COMCAST CORP 4.049% 11/01/2052 DD 10/19/17	174,143	179,065
221,000	COMMONWEALTH EDISON CO 6.450% 01/15/2038 DD 01/16/08	302,136	305,919
75,000	CONNECTICUT LIGHT & POWER CO/T 4.300% 04/15/2044 DD 04/24/14	80,432	84,587
365,000	CONOCOPHILLIPS 6.500% 02/01/2039 DD 02/03/09	483,596	510,792
530,000	CONSOLIDATED EDISON CO OF NEW 6.750% 04/01/2038 DD 04/04/08	743,535	761,032
400,000	CONSOLIDATED EDISON CO OF NEW 4.300% 12/01/2056 DD 11/16/16	426,504	436,472
190,000	DIGNITY HEALTH 5.267% 11/01/2064 DD 10/15/14	200,939	203,017
285,000	DUKE ENERGY INDIANA LLC 4.200% 03/15/2042 DD 03/15/12	295,916	304,836
175,000	DUKE ENERGY CORP 3.750% 09/01/2046 DD 08/12/16	170,900	173,059
650,000	DUKE ENERGY CAROLINAS LLC 3.875% 03/15/2046 DD 03/11/16	666,426	681,662
10,000	DUKE ENERGY PROGRESS LLC 3.700% 10/15/2046 DD 09/16/16	9,994	10,214
260,000	FMR LLC 144A 6.450% 11/15/2039 DD 11/02/09	340,106	350,230
190,000	FIRSTENERGY CORP 4.850% 07/15/2047 DD 06/21/17	195,273	212,038
192,000	FLORIDA POWER & LIGHT CO 5.690% 03/01/2040 DD 02/09/10	248,087	254,938
380,000	GEORGIA POWER CO 4.300% 03/15/2042 DD 03/06/12	399,452	404,039
420,000	GILEAD SCIENCES INC 4.150% 03/01/2047 DD 09/20/16	430,016	446,746
500,000	GOLDMAN SACHS GROUP INC/THE 4.750% 10/21/2045 DD 10/21/15	554,215	572,755
895,000	GOLDMAN SACHS GROUP INC/THE VAR RT 06/05/2028 DD 06/05/17	903,316	907,942
190,000	GOLDMAN SACHS GROUP INC/THE VAR RT 10/31/2038 DD 10/31/17	190,000	195,394
225,000	HALLIBURTON CO 5.000% 11/15/2045 DD 11/13/15	244,496	258,381
630,000	HOME DEPOT INC/THE 4.400% 03/15/2045 DD 06/12/14	690,839	713,450
220,000	INTERNATIONAL PAPER CO 4.400% 08/15/2047 DD 08/11/16	222,805	229,891
470,000	JPMORGAN CHASE & CO VAR RT 05/01/2028 DD 04/25/17	474,310	478,155
295,000	JPMORGAN CHASE & CO VAR RT 07/24/2038 DD 07/24/17	295,242	303,251
375,000	JPMORGAN CHASE & CO VAR RT 11/15/2048 DD 11/10/17	376,761	387,199
520,000	JOHNSON & JOHNSON 3.700% 03/01/2046 DD 03/01/16	537,180	548,075
280,000	KAISER FOUNDATION HOSPITALS 4.150% 05/01/2047 DD 05/03/17	298,548	302,551
655,000	KRAFT HEINZ FOODS CO 4.375% 06/01/2046 DD 05/24/16	642,410	648,810
80,000	ELI LILLY & CO 3.700% 03/01/2045 DD 03/05/15	80,053	82,703
90,000	MASSACHUSETTS MUTUAL LIFE 144A 8.875% 06/01/2039 DD 06/01/09	146,721	149,145
55,000	MASSACHUSETTS MUTUAL LIFE 144A 4.900% 04/01/2077 DD 03/23/17	59,946	62,529
170,000	MEDTRONIC INC 4.625% 03/15/2045 DD 03/15/15	193,885	198,059
375,000	MERCK & CO INC 3.700% 02/10/2045 DD 02/10/15	377,727	391,478
240,000	METLIFE INC 4.050% 03/01/2045 DD 03/05/15	245,674	251,700
245,000	MICROSOFT CORP 3.700% 08/08/2046 DD 08/08/16	242,457	255,415
1,820,000	MICROSOFT CORP 4.100% 02/06/2037 DD 02/06/17	1,964,448	2,032,048
35,000	MICROSOFT CORP 4.250% 02/06/2047 DD 02/06/17	38,234	40,014
150,000	MORGAN STANLEY VAR RT 07/22/2038 DD 07/24/17	152,103	155,324
55,000	NATIONAL RURAL UTILITIES COOPE 4.023% 11/01/2032 DD 10/16/12	59,545	57,765
305,000	NATIONWIDE MUTUAL INSURAN 144A 9.375% 08/15/2039 DD 08/10/09	514,023	518,714
100,000	NIKE INC 3.875% 11/01/2045 DD 10/29/15	102,507	104,719
55,000	NORTHWELL HEALTHCARE INC 4.260% 11/01/2047 DD 09/26/17	55,000	56,245
34,000	ONCOR ELECTRIC DELIVERY CO LLC 5.250% 09/30/2040 DD 03/30/11	41,010	42,393
311,000	ONCOR ELECTRIC DELIVERY CO LLC 4.550% 12/01/2041 DD 06/01/12	347,707	359,460
410,000	PACIFIC GAS & ELECTRIC CO 6.050% 03/01/2034 DD 03/23/04	532,509	516,780
565,000	PACIFIC GAS & ELECTRIC CO 4.300% 03/15/2045 DD 11/06/14	616,274	590,374
460,000	PFIZER INC 4.125% 12/15/2046 DD 11/21/16	492,674	510,660
470,000	PHILIP MORRIS INTERNATIONAL IN 4.250% 11/10/2044 DD 11/10/14	489,059	495,408
420,000	POTOMAC ELECTRIC POWER CO 4.150% 03/15/2043 DD 03/18/13	447,665	457,939
215,000	RAYTHEON CO 4.200% 12/15/2044 DD 12/02/14	231,933	239,089
95,000	SABINE PASS LIQUEFACTION LLC 4.200% 03/15/2028 DD 03/06/17	96,438	96,119
95,000	SHERWIN-WILLIAMS CO/THE 3.450% 06/01/2027 DD 05/16/17	97,000	96,520
290,000	SHERWIN-WILLIAMS CO/THE 4.500% 06/01/2047 DD 05/16/17	306,257	317,069
445,000	SOUTH CAROLINA ELECTRIC & GAS 5.100% 06/01/2065 DD 05/22/15	509,243	509,169
200,000	SOUTHERN CALIFORNIA EDISON CO 5.550% 01/15/2036 DD 01/19/05	245,850	246,570
150,000	SOUTHERN CALIFORNIA EDISON CO 3.600% 02/01/2045 DD 01/16/15	148,989	151,230
65,000	3M CO 3.625% 10/15/2047 DD 10/02/17	64,388	66,708
170,000	TIME WARNER INC 4.850% 07/15/2045 DD 06/04/15	175,131	178,539
85,000	TRINITY HEALTH CORP 4.125% 12/01/2045 DD 02/12/15	89,684	90,126
21,000	21ST CENTURY FOX AMERICA INC 6.400% 12/15/2035 DD 12/23/05	27,803	27,908

10,000	21ST CENTURY FOX AMERICA INC 6.650% 11/15/2037 DD 11/14/07	13,620	13,754
355,000	UNION PACIFIC CORP 3.799% 10/01/2051 DD 10/04/16	350,960	361,954
510,000	UNITED TECHNOLOGIES CORP 3.750% 11/01/2046 DD 11/01/16	503,523	510,811
260,000	UNITEDHEALTH GROUP INC 4.625% 07/15/2035 DD 07/23/15	296,239	302,791
390,000	UNITEDHEALTH GROUP INC 4.250% 04/15/2047 DD 03/13/17	420,845	429,230
160,000	UNITEDHEALTH GROUP INC 3.750% 10/15/2047 DD 10/25/17	158,522	163,243
305,000	VIRGINIA ELECTRIC & POWER CO 4.650% 08/15/2043 DD 08/15/13	344,964	355,279
1,600,000	WELLS FARGO & CO 4.650% 11/04/2044 DD 11/04/14	1,694,880	1,744,784
830,000	AT&T INC 4.500% 03/09/2048 DD 09/07/16	770,290	777,693
1,400,000	AT&T INC 5.250% 03/01/2037 DD 02/09/17	1,481,158	1,480,668
140,000	AT&T INC 4.900% 08/14/2037 DD 08/07/17	139,751	141,764
925,000	AT&T INC 5.150% 02/14/2050 DD 08/07/17	924,078	936,526
115,000	AETNA INC 4.125% 11/15/2042 DD 11/07/12	120,111	116,469
495,000	AMAZON.COM INC 144A 3.875% 08/22/2037 DD 08/22/17	493,767	525,245
145,000	AMAZON.COM INC 144A 4.050% 08/22/2047 DD 08/22/17	148,481	156,269
285,000	AMERICAN INTERNATIONAL GROUP I 4.500% 07/16/2044 DD 07/16/14	297,968	306,974
275,000	AMERICAN INTERNATIONAL GROUP I 4.700% 07/10/2035 DD 07/10/15	296,516	304,145
630,000	ANADARKO PETROLEUM CORP 4.500% 07/15/2044 DD 07/07/14	605,720	627,801
50,000	ANDEAVOR 4.500% 04/01/2048 DD 12/21/17	49,287	50,567
185,000	ANDEAVOR LOGISTICS LP / TESORO 5.200% 12/01/2047 DD 11/28/17	186,342	192,948
70,000	BAE SYSTEMS HOLDINGS INC 144A 4.750% 10/07/2044 DD 10/07/14	77,326	78,157
430,000	BAT CAPITAL CORP 144A 4.390% 08/15/2037 DD 08/15/17	430,918	451,543
1,450,000	BANK OF AMERICA CORP 4.183% 11/25/2027 DD 11/25/16	1,496,270	1,514,192
80,000	BARRICK NORTH AMERICA FINANCE 5.750% 05/01/2043 DD 05/02/13	98,510	100,462
360,000	CIGNA CORP 3.875% 10/15/2047 DD 09/14/17	359,413	360,432
380,000	CSX CORP 4.500% 08/01/2054 DD 07/21/14	399,713	400,072
420,000	CVS HEALTH CORP 5.125% 07/20/2045 DD 07/20/15	483,556	481,358
65,000	CARDINAL HEALTH INC 4.368% 06/15/2047 DD 06/12/17	67,751	64,600
200,000	CELGENE CORP 4.625% 05/15/2044 DD 05/15/14	216,348	213,384
90,000	CENTERPOINT ENERGY RESOURCES C 4.100% 09/01/2047 DD 08/23/17	89,475	94,566
70,000	CHARTER COMMUNICATIONS OPERATI 6.484% 10/23/2045 DD 10/23/16	81,448	81,615
130,000	CHARTER COMMUNICATIONS OPERATI 4.200% 03/15/2028 DD 09/18/17	129,684	129,034
795,000	CHARTER COMMUNICATIONS OPERATI 5.375% 05/01/2047 DD 11/01/17	829,113	815,153
355,000	CITIGROUP INC 4.650% 07/30/2045 DD 07/30/15	386,648	404,050
1,100,000	CITIGROUP INC 4.125% 07/25/2028 DD 07/25/16	1,129,458	1,133,726
300,000	CITIGROUP INC 3.200% 10/21/2026 DD 10/21/16	293,691	297,657
215,000	CITIGROUP INC VAR RT 10/27/2028 DD 10/27/17	215,000	216,015
79,000	COMMONWEALTH EDISON CO 4.350% 11/15/2045 DD 11/19/15	86,299	88,621
170,000	CONSTELLATION BRANDS INC 4.500% 05/09/2047 DD 05/09/17	178,624	186,470
565,000	COX COMMUNICATIONS INC 144A 8.375% 03/01/2039 DD 02/20/09	775,960	794,995
505,000	DEVON ENERGY CORP 5.600% 07/15/2041 DD 07/12/11	544,951	595,228
85,000	DELL INTERNATIONAL LLC / 144A 8.350% 07/15/2046 DD 06/01/16	110,917	109,526
15,000	DISCOVERY COMMUNICATIONS LLC 4.950% 05/15/2042 DD 05/17/12	14,427	14,876
55,000	DISCOVERY COMMUNICATIONS LLC 4.875% 04/01/2043 DD 03/19/13	52,985	54,619
215,000	DISCOVERY COMMUNICATIONS LLC 5.200% 09/20/2047 DD 09/21/17	214,740	224,400
220,000	DOMINION ENERGY INC 7.000% 06/15/2038 DD 06/17/08	297,537	303,833
295,000	DOMINION ENERGY INC 4.700% 12/01/2044 DD 11/25/14	324,187	334,545
190,000	DOW CHEMICAL CO/THE 4.375% 11/15/2042 DD 11/14/12	196,840	199,910
225,000	ERAC USA FINANCE LLC 144A 7.000% 10/15/2037 DD 10/17/07	295,430	300,881
30,000	EMERA US FINANCE LP 4.750% 06/15/2046 DD 12/15/16	32,081	32,845
500,000	ENERGY TRANSFER PARTNERS LP 6.050% 06/01/2041 DD 05/12/11	535,240	535,725
540,000	ENERGY TRANSFER PARTNERS LP 5.150% 02/01/2043 DD 01/22/13	515,833	511,358
625,000	ENTERPRISE PRODUCTS OPERATING 5.100% 02/15/2045 DD 02/12/14	694,731	713,169
250,000	FARMERS INSURANCE EXCHANG 144A VAR RT 11/01/2057 DD 10/16/17	250,000	250,700
725,000	FEDEX CORP 4.100% 02/01/2045 DD 01/09/15	722,629	747,316
170,000	FIDELITY NATIONAL INFORMATION 4.500% 08/15/2046 DD 08/16/16	175,755	177,205
155,000	FIRSTENERGY TRANSMISSION 144A 5.450% 07/15/2044 DD 05/19/14	179,039	184,112
130,000	FIRSTENERGY CORP 7.375% 11/15/2031 DD 11/15/01	173,531	175,331
325,000	FORD MOTOR CO 5.291% 12/08/2046 DD 12/08/16	340,519	353,668
410,000	GENERAL MOTORS CO 5.200% 04/01/2045 DD 11/12/14	416,138	433,222
80,000	GENERAL MOTORS CO 5.150% 04/01/2038 DD 08/07/17	79,950	85,292
130,000	GENERAL MOTORS CO 5.400% 04/01/2048 DD 08/07/17	129,905	141,795
475,000	GOLDMAN SACHS GROUP INC/THE 5.150% 05/22/2045 DD 05/22/15	537,843	550,834
175,000	HARTFORD FINANCIAL SERVICES GR 5.950% 10/15/2036 DD 10/03/06	216,430	222,887

520,000	HESS CORP 5.600% 02/15/2041 DD 08/10/10	517,225	560,747
311,000	HEWLETT PACKARD ENTERPRISE CO VAR RT 10/15/2045 DD 10/15/16	331,018	329,243
85,000	HUMANA INC 4.950% 10/01/2044 DD 09/19/14	97,461	97,900
470,000	INTEL CORP 4.100% 05/19/2046 DD 05/19/16	487,252	518,278
145,000	INTERNATIONAL PAPER CO 7.300% 11/15/2039 DD 12/07/09	199,739	204,262
200,000	ITC HOLDINGS CORP 5.300% 07/01/2043 DD 07/03/13	238,216	241,292
1,000,000	JPMORGAN CHASE & CO VAR RT 02/22/2048 DD 02/22/17	1,043,400	1,082,360
310,000	KIMCO REALTY CORP 4.250% 04/01/2045 DD 03/30/15	296,276	308,667
900,000	KINDER MORGAN ENERGY PARTNERS 5.000% 08/15/2042 DD 08/13/12	895,014	913,320
60,000	LINCOLN NATIONAL CORP 7.000% 06/15/2040 DD 06/18/10	80,581	82,706
950,000	LOCKHEED MARTIN CORP 3.600% 03/01/2035 DD 02/20/15	942,761	957,657
125,000	LOCKHEED MARTIN CORP 4.090% 09/15/2052 DD 09/07/17	125,439	130,851
105,000	MPLX LP 5.200% 03/01/2047 DD 02/10/17	108,977	115,230
45,000	MARATHON OIL CORP 5.200% 06/01/2045 DD 06/10/15	44,851	49,878
395,000	MARATHON OIL CORP 4.400% 07/15/2027 DD 07/24/17	401,592	412,803
440,000	MCDONALD'S CORP 4.875% 12/09/2045 DD 12/09/15	496,233	509,718
75,000	MCKESSON CORP 4.883% 03/15/2044 DD 03/10/14	84,905	81,618
350,000	MEDTRONIC INC 4.375% 03/15/2035 DD 03/15/15	389,571	394,559
999,000	BERKSHIRE HATHAWAY ENERGY CO 6.125% 04/01/2036 DD 10/01/06	1,306,343	1,335,183
310,000	BERKSHIRE HATHAWAY ENERGY CO 5.150% 11/15/2043 DD 11/08/13	369,250	376,830
50,000	MONSANTO CO 4.700% 07/15/2064 DD 07/01/14	51,169	52,179
660,000	MORGAN STANLEY 4.375% 01/22/2047 DD 01/20/17	692,386	723,479
340,000	MORGAN STANLEY 3.950% 04/23/2027 DD 04/23/15	345,957	345,263
70,000	NEWMONT MINING CORP 4.875% 03/15/2042 DD 03/08/12	76,014	77,679
280,000	NISOURCE INC 4.800% 02/15/2044 DD 04/12/13	308,848	316,960
280,000	NOBLE ENERGY INC 5.250% 11/15/2043 DD 11/08/13	296,148	309,893
98,000	NORFOLK SOUTHERN CORP 4.800% 08/15/2043 DD 08/13/13	111,338	111,990
166,000	NORFOLK SOUTHERN CORP 144A 3.942% 11/01/2047 DD 11/16/17	166,752	170,372
95,000	OHIO EDISON CO 6.875% 07/15/2036 DD 06/26/06	128,121	130,755
765,000	ORACLE CORP 5.375% 07/15/2040 DD 07/15/11	934,571	967,212
170,000	ORACLE CORP 3.800% 11/15/2037 DD 11/09/17	169,361	178,291
130,000	ORACLE CORP 4.000% 11/15/2047 DD 11/09/17	129,390	138,434
115,000	PACIFIC LIFE INSURANCE CO 144A VAR RT 10/24/2067 DD 10/24/17	114,903	115,357
365,000	PEPSICO INC 3.450% 10/06/2046 DD 10/06/16	343,929	354,097
15,000	PHILLIPS 66 PARTNERS LP 4.900% 10/01/2046 DD 10/14/16	15,218	15,869
160,000	PLAINS ALL AMERICAN PIPELINE L 4.700% 06/15/2044 DD 04/23/14	146,426	149,576
190,000	QUALCOMM INC 4.300% 05/20/2047 DD 05/26/17	195,485	191,408
160,000	REYNOLDS AMERICAN INC 5.700% 08/15/2035 DD 06/12/15	191,659	190,718
355,000	REYNOLDS AMERICAN INC 5.850% 08/15/2045 DD 06/12/15	438,464	443,313
100,000	SANTANDER HOLDINGS USA IN 144A 4.400% 07/13/2027 DD 07/13/17	102,407	102,265
80,000	SEMPRA ENERGY 6.000% 10/15/2039 DD 10/08/09	102,691	103,226
270,000	SOUTHERN CO/THE 4.400% 07/01/2046 DD 05/24/16	281,702	287,542
230,000	SOUTHERN COPPER CORP 5.875% 04/23/2045 DD 04/23/15	253,946	277,803
50,000	SPECTRA ENERGY PARTNERS LP 4.500% 03/15/2045 DD 03/12/15	49,771	51,557
90,000	SYSCO CORP 4.500% 04/01/2046 DD 04/01/16	95,774	97,914
850,000	TIME WARNER CABLE LLC 5.500% 09/01/2041 DD 09/12/11	910,648	885,947
18,000	21ST CENTURY FOX AMERICA INC 5.400% 10/01/2043 DD 09/30/13	21,924	22,263
400,000	21ST CENTURY FOX AMERICA INC 6.150% 03/01/2037 DD 03/02/07	501,864	523,856
165,000	21ST CENTURY FOX AMERICA INC 4.750% 11/15/2046 DD 11/18/16	177,070	190,999
55,000	UNION PACIFIC CORP 4.100% 09/15/2067 DD 09/19/17	54,919	57,382
330,000	VALERO ENERGY CORP 6.625% 06/15/2037 DD 06/08/07	412,829	434,910
100,000	VERIZON COMMUNICATIONS INC 4.862% 08/21/2046 DD 02/21/15	103,379	104,162
25,000	VERIZON COMMUNICATIONS INC 4.522% 09/15/2048 DD 03/13/15	24,235	24,616
505,000	VERIZON COMMUNICATIONS INC 4.125% 08/15/2046 DD 08/01/16	445,269	466,519
2,000,000	VERIZON COMMUNICATIONS INC 4.812% 03/15/2039 DD 02/03/17	2,005,720	2,092,420
375,000	VERIZON COMMUNICATIONS INC 4.500% 08/10/2033 DD 08/10/17	375,689	393,311
625,000	VIACOM INC 4.375% 03/15/2043 DD 03/15/13	530,192	541,056
435,000	VISA INC 4.300% 12/14/2045 DD 12/14/15	476,051	495,000
70,000	WALMART INC 3.625% 12/15/2047 DD 10/20/17	69,894	73,336
540,000	ANTHEM INC 4.625% 05/15/2042 DD 05/07/12	586,570	588,335
520,000	WELLS FARGO & CO 3.000% 10/23/2026 DD 10/25/16	511,160	509,683
370,000	WILLIAMS PARTNERS LP 5.100% 09/15/2045 DD 03/03/15	386,110	406,915
50,000	ACE CAPITAL TRUST II 9.700% 04/01/2030 DD 03/31/00	76,125	75,250
90,000	ASTRAZENECA PLC 4.375% 11/16/2045 DD 11/16/15	97,949	97,906

185,000	AON PLC 4.600% 06/14/2044 DD 05/28/14	196,633	201,820
900,000	HSBC HOLDINGS PLC VAR RT 03/13/2028 DD 03/13/17	942,516	937,926
95,000	RIO TINTO FINANCE USA PLC 4.125% 08/21/2042 DD 08/21/12	99,061	101,660
105,000	TRINITY ACQUISITION PLC 6.125% 08/15/2043 DD 08/15/13	126,761	132,400
250,000	CREDIT SUISSE GROUP AG 144A 4.282% 01/09/2028 DD 01/09/17	261,460	260,650
265,000	TELEFONICA EMISIONES SAU 5.213% 03/08/2047 DD 03/08/17	293,684	300,735
200,000	BANCO SANTANDER SA 3.800% 02/23/2028 DD 10/23/17	199,078	200,028
110,000	TELEFONICA EMISIONES SAU 7.045% 06/20/2036 DD 06/20/06	145,830	147,578
335,000	STATOIL ASA 4.250% 11/23/2041 DD 11/23/11	347,130	362,266
460,000	SHELL INTERNATIONAL FINANCE BV 4.000% 05/10/2046 DD 05/10/16	461,993	489,923
185,000	DEUTSCHE TELEKOM INTERNATIONAL VAR RT 06/15/2030 DD 07/06/0C	275,635	273,724
80,000	MYLAN NV 5.250% 06/15/2046 DD 12/15/16	87,745	87,657
200,000	ENEL FINANCE INTERNATIONA 144A 3.500% 04/06/2028	194,772	195,626
200,000	*INFRAESTRUCTURA ENERGETIC 144A 4.875% 01/14/2048 DD 12/14/17	192,360	192,250
280,000	MEXICO CITY AIRPORT TRUST 144A 5.500% 07/31/2047 DD 09/20/17	278,314	276,500
1,115,000	PETROLEOS MEXICANOS 144A 6.750% 09/21/2047	1,168,460	1,163,893
205,000	ALLERGAN FUNDING SCS 4.750% 03/15/2045 DD 03/12/15	226,181	218,235
1,500,000	GE CAPITAL INTERNATIONAL FUNDI 4.418% 11/15/2035 DD 05/15/16	1,628,160	1,623,390
125,000	ORANGE SA VAR RT 03/01/2031 DD 09/01/01	190,544	187,538
400,000	ALIBABA GROUP HOLDING LTD 4.200% 12/06/2047 DD 12/06/17	409,020	416,476
440,000	VALE OVERSEAS LTD 6.875% 11/10/2039	487,046	539,550
410,000	CANADIAN NATURAL RESOURCES LTD 4.950% 06/01/2047 DD 05/30/17	426,732	458,847
130,000	SUNCOR ENERGY INC 4.000% 11/15/2047 DD 11/15/17	128,681	133,047
135,000	TRANSCANADA PIPELINES LTD 7.625% 01/15/2039 DD 01/09/09	200,408	203,396
70,000	AGRIUM INC 4.900% 06/01/2043 DD 05/31/13	76,714	78,103
55,000	CENOVUS ENERGY INC 6.750% 11/15/2039 DD 05/15/10	58,476	65,862
210,000	ENBRIDGE INC 5.500% 12/01/2046 DD 11/29/16	245,576	252,517
70,000	GOLDCORP INC 5.450% 06/09/2044 DD 06/09/14	78,775	81,484
180,000	METHANEX CORP 5.650% 12/01/2044 DD 11/18/14	173,741	187,043
45,000	PETRO-CANADA 6.800% 05/15/2038 DD 05/15/08	60,249	62,020
265,000	SUNCOR ENERGY INC 6.500% 06/15/2038 DD 06/28/07	344,124	358,018
140,000	BHP BILLITON FINANCE USA LTD 5.000% 09/30/2043 DD 09/30/13	165,351	195,686
	Corporate and Government Bonds Total	156,045,238	159,202,073
Other Investments			
270,000	BAY AREA CA TOLL AUTH TOLL BRI 7.043% 04/01/2050 DD 07/01/10	411,591	426,551
575,000	CALIFORNIA ST 7.550% 04/01/2039 DD 04/28/09	884,321	904,826
890,000	CALIFORNIA ST 7.600% 11/01/2040 DD 12/01/10	1,403,312	1,421,268
125,000	CHICAGO IL TRANSIT AUTH SALES 6.200% 12/01/2040 DD 04/06/10	155,491	162,731
330,000	ILLINOIS ST 5.100% 06/01/2033 DD 06/12/03	326,891	329,452
60,000	KANSAS ST DEV FIN AUTH REVENUE 4.927% 04/15/2045 DD 08/20/15	67,827	68,377
125,000	LOS ANGELES CA DEPT WTR & PWR 6.574% 07/01/2045 DD 12/02/10	182,343	188,128
100,000	MET TRANSPRTN AUTH NY DEDICATE 7.336% 11/15/2039 DD 04/30/09	152,639	154,739
195,000	MUNI ELEC AUTH OF GEORGIA 6.637% 04/01/2057 DD 03/11/10	251,596	249,959
275,000	NEW JERSEY ST TURNPIKE AUTH 7.102% 01/01/2041 DD 12/15/10	403,101	410,831
230,000	NEW YORK CITY NY MUNI WTR FIN 5.440% 06/15/2043 DD 09/23/10	295,755	302,629
200,000	NEW YORK ST URBAN DEV CORP REV 3.370% 03/15/2030 DD 12/21/17	200,042	199,748
170,000	N TX TOLLWAY AUTH REVENUE 6.718% 01/01/2049 DD 08/12/09	254,217	258,619
40,000	OHIO ST UNIV 4.800% 06/01/2111 DD 10/26/11	42,586	44,930
830,000	PORT AUTH OF NEW YORK & NEW JE 4.926% 10/01/2051 DD 10/06/11	997,967	1,025,565
55,000	UNIV OF CALIFORNIA CA RGTS MED 6.548% 05/15/2048 DD 11/18/10	76,078	77,978
325,000	UNIV OF CALIFORNIA CA REVENUES 4.767% 05/15/2115 DD 04/08/15	333,346	355,351
825,000	ABU DHABI GOVERNMENT INTE 144A 4.125% 10/11/2047 DD 10/11/17	818,393	816,024
580,000	SAUDI GOVERNMENT INTERNAT 144A 4.625% 10/04/2047 DD 10/04/17	577,482	592,354
325,000	OMAN GOVERNMENT INTERNATI 144A 6.500% 03/08/2047 DD 03/08/17	345,313	325,471
370,000	MEXICO GOVERNMENT INTERNATIONA 5.750% 10/12/2110	389,055	394,050
730,000	MEXICO GOVERNMENT INTERNATIONA 4.350% 01/15/2047	694,303	697,150
200,000	CHILE GOVERNMENT INTERNATIONAL 3.860% 06/21/2047	201,200	205,400
	Other Investments Total	9,464,847	9,687,382
	TOTAL 401(h) INVESTMENTS	412,978,347	471,287,485
	TOTAL INVESTMENTS	5,161,336,596	5,626,014,322