

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 2019 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2019 or fiscal plan year beginning <u>01/01/2019</u> and ending <u>12/31/2019</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 <u>AMERICAN ELECTRIC POWER SYSTEM RETIREMENT PLAN</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1b Three-digit plan number (PN) ▶</td> <td style="width: 20%; text-align: center;"><u>001</u></td> </tr> <tr> <td colspan="2">1c Effective date of plan <u>12/01/1940</u></td> </tr> </table>	1b Three-digit plan number (PN) ▶	<u>001</u>	1c Effective date of plan <u>12/01/1940</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>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>2b Employer Identification Number (EIN) <u>13-4922641</u></td> </tr> <tr> <td>2c Plan Sponsor's telephone number <u>614-716-1000</u></td> </tr> <tr> <td>2d Business code (see instructions) <u>221100</u></td> </tr> </table>	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>	
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.	08/30/2021	JULIE A. SHERWOOD
	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 (2019)
v. 190130

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 35414
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 a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits..... c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	 6a(1) 16673 6a(2) 16504 6b 11544 6c 3575 6d 31623 6e 3473 6f 35096 6g 6h 121
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: 1C 3H 1A 3F 1E 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) ☐ 0 **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 2019 Form M-1 annual report. If the plan was not required to file the 2019 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 2019 This Form is Open to Public Inspection
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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)	171963260	736782750
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)	171963260	736782750
10 Interest on line 9 using prior year's actual return of <u>-2.04</u> %	-3508051	-15030368
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year)		0
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>5.59</u> %		0
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		0
d Portion of (c) to be added to prefunding balance		0
12 Other reductions in balances due to elections or deemed elections	0	0
13 Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	168455209	721752382

Part III Funding Percentages

14 Funding target attainment percentage	14	92.77 %
15 Adjusted funding target attainment percentage	15	113.73 %
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	106.39 %
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
09/24/2020	111538000	0			
Totals ▶			18(b)	111538000	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	101788935

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:
3.74 %2nd segment:
5.35 %3rd segment:
6.11 %☐ 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** 94230563**b** Excess assets, if applicable, but not greater than line 31a **31b** 0**32** Amortization installments:**a** Net shortfall amortization installment Outstanding Balance 0 Installment 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****34** Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33) **34** 94230563**35** Balances elected for use to offset funding requirement Carryover balance 0 Prefunding balance 0 Total balance 0**36** Additional cash requirement (line 34 minus line 35) **36** 94230563**37** Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c) **37** 101788935**38** Present value of excess contributions for current year (see instructions)**a** Total (excess, if any, of line 37 over line 36) **38a** 7558372**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

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
		2019
		This Form is Open to Public Inspection.

For calendar plan year 2019 or fiscal plan year beginning **01/01/2019** and ending **12/31/2019**

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

HAMILTON LANE

23-2962336

(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

JP MORGAN CHASE BANK

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)

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	1324883	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

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

JENNISON ASSOCIATES

52-2069785

(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	1296805	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

WELLINGTON

04-2683227

(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	1293436	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)

HAMILTON LANE

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	1113750	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

POLARIS CAPITAL MANAGEMENT

04-3269043

(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?
25 50 51	NONE	1004445	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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

SANDS CAPITAL MANAGEMENT

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	993890	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)

BNY 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?
18 19 21 25 31 34 49 50 62	NONE	935640	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

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

VONTOBEL

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	927755	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	895947	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	881320	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

TOWNSEND

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	879264	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

RIVER & MERCANTILE

130 TURNER STREET
BLDG 3 STE 510
WALTHAM, MA 02453

(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	842919	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)

MORNEAU SHEPELL

895 DON MILLS ROAS TOWER ONE, SUITE 700
TORONTO, ONTARIO M3C1W3 CA

(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 38 50	NONE	439287	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

ARIEL INVESTMENTS, LLC

02-0712418

(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	346807	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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

MELLON CAPITAL MANAGEMENT

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	NONE	317044	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)

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	314544	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

AON HEWITT

98-1090818

(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	NONE	233716	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

TOWERS WATSON ACTUARY SERVICE

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	113949	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)

PRICE WATERHOUSE COOPERS

13-4008324

(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 50 70	NONE	90359	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

BUSINESS SOLVER

1025 ASHWORTH ROAD
STE 101
WEST DES MOINES, IA 50265

(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 38 50	NONE	35459	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(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?
25 50 51	NONE	12000	Yes ☒ No ☐	Yes ☒ No ☐	0	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
(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.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(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.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(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.	

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:	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:

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 2019 This Form is Open to Public Inspection.
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For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019

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)
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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>JP MORGAN 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>19357433</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>BNYM MELON DB SL 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>646675100</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>OHA STRATEGIC CREDIT FUND II</u>		
b Name of sponsor of entity listed in (a): <u>OAK HILL ADVISORS</u>		
c EIN-PN <u>13-4077194-000</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>3160207</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>JP MORGAN 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>167921771</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>36248637</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
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
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)

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 2019 This Form is Open to Public Inspection
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For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019		
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	Asset and Liability Statement
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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		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)	0	111538000
(2) Participant contributions.....	1b(2)		
(3) Other.....	1b(3)	132894783	1763412
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)	43033471	32483249
(2) U.S. Government securities	1c(2)	1576804248	1318812496
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other.....	1c(3)(B)	1392858466	1440684094
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common.....	1c(4)(B)	661829557	1002850165
(5) Partnership/joint venture interests	1c(5)	734547413	751626794
(6) Real estate (other than employer real property).....	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans.....	1c(8)		
(9) Value of interest in common/collective trusts	1c(9)	640741264	870202941
(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)	0	3160207
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	0	14362290
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other.....	1c(15)	296078490	389286737

		(a) Beginning of Year	(b) End of Year
1d	Employer-related investments:		
(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	5478787692 5936770385
Liabilities			
g	Benefit claims payable	1g	
h	Operating payables	1h	103251041 48648823
i	Acquisition indebtedness	1i	
j	Other liabilities	1j	269520434 278585782
k	Total liabilities (add all amounts in lines 1g through 1j)	1k	372771475 327234605
Net Assets			
l	Net assets (subtract line 1k from line 1f)	1l	5106016217 5609535780

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.

		(a) Amount	(b) Total
a	Contributions:		
(1)	Received or receivable in cash from: (A) Employers	2a(1)(A)	111538000
	(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)	111538000
b	Earnings on investments:		
(1)	Interest:		
	(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	37099
	(B) U.S. Government securities	2b(1)(B)	33868443
	(C) Corporate debt instruments	2b(1)(C)	53666265
	(D) Loans (other than to participants)	2b(1)(D)	0
	(E) Participant loans	2b(1)(E)	0
	(F) Other	2b(1)(F)	8146995
	(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)	95718802
(2)	Dividends: (A) Preferred stock	2b(2)(A)	85212
	(B) Common stock	2b(2)(B)	16409265
	(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	13328
	(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)	16507805
(3)	Rents	2b(3)	
(4)	Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	5811911091
	(B) Aggregate carrying amount (see instructions)	2b(4)(B)	5540265416
	(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)	271645675
(5)	Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)	
	(B) Other	2b(5)(B)	304083534
	(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)	304083534

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		105122165
(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)		56155
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		1382925
c Other income	2c		21325698
d Total income. Add all income amounts in column (b) and enter total	2d		927380759

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	361629289	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)	43342391	
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		404971680
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)	30549	
(2) Contract administrator fees	2i(2)	0	
(3) Investment advisory and management fees	2i(3)	10973661	
(4) Other	2i(4)	7885306	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		18889516
j Total expenses. Add all expense amounts in column (b) and enter total	2j		423861196

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		503519563
l Transfers of assets:			
(1) To this plan	2l(1)		0
(2) From this plan	2l(2)		0

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) ☐ Unmodified (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: PRICEWATERHOUSECOOPERS, LLP

(2) EIN: 13-4008324

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.)		X	
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.).....		X	
4d		X	
e Was this plan covered by a fidelity bond?	X		10000000
4e	X		10000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
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?.....		X	
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?.....		X	
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.)	X		
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.)	X		
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?		X	
4k		X	
l Has the plan failed to provide any benefit when due under the plan?.....		X	
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 4240557. (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 2019 This Form is Open to Public Inspection.
For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019		
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		3 842
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) 2019 v. 190130		

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

b The plan year immediately preceding the current plan year

c The second preceding plan year

14a**14b****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

b The corresponding number for the second preceding plan year

15a**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

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

16a**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: 31.0 % Investment-Grade Debt: 53.0 % High-Yield Debt: 2.0 % Real Estate: 5.0 % 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):

- 20 PBGC missed contribution reporting requirements.** If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.

- a** Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No

- b** If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:

☐ Yes.

☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.

☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.

☐ No. Other. Provide explanation _____

American Electric Power System Retirement Plan

Financial Statements

December 31, 2019 and 2018, and Supplemental Schedules at
December 31, 2019 and for the year then ended

American Electric Power System Retirement Plan

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December 31, 2019 and 2018

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Schedule H, Part IV, Line 4i - Schedule of Assets (Acquired and Disposed of Within Year)	Schedule 3
Note: All other schedules required by 29 CFR 2520.103-10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act ("ERISA") of 1974 have been omitted because they are not applicable.	



Report of Independent Auditors

To the Administrator of American Electric Power System Retirement Plan

Report on the 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 of accumulated plan benefits as of December 31, 2019 and 2018 and the related statements of changes in net assets available for benefits and of changes in accumulated plan benefits for the years 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 the 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.

Auditors' Responsibility

Our responsibility is to express an opinion on the 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.

Basis for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, 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 of the Plan, except for comparing such information with the related information included in the financial statements. We have been informed by the plan administrator that the trustee holds the Plan's investment assets and executes investment transactions. The plan administrator has obtained a certification from the trustee as of December 31, 2019 and 2018 and for the years then ended, that the information provided to the plan administrator by the trustee 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. Accordingly, we do not express an opinion on the financial statements.

Other Matter

The supplemental Schedule H, Part IV, Line 4i – Schedule of Assets (Held at End of Year) at December 31, 2019, Schedule H, Part IV, Line 4j – Schedule of Reportable Transactions for the year ended December 31, 2019 and Schedule H, Part IV, Line 4i – Schedule of Assets (Acquired and Disposed of Within Year) for the year ended December 31, 2019 are required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 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.

Report on Form and Content in Compliance with DOL Rules and Regulations

The form and content of the information included in the 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 Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

PRICEWATERHOUSECOOPERS LLP

August 26, 2021

Financial Statements

American Electric Power System Retirement Plan

Statements of Net Assets Available for Benefits

December 31,	2019	2018
Assets		
Investments at fair value:		
Short-term investments	\$ 25,379,252	\$ 38,329,722
Corporate stock (including securities on loan of \$84,057,148 for 2019 and \$62,043,773 for 2018)	997,652,810	680,173,644
U.S. government obligations (including securities on loan of \$158,960,654 for 2019 and \$170,520,717 for 2018)	1,243,677,650	1,513,659,182
Corporate obligations (including securities on loan of \$3,453,001 for 2019 and \$8,266,711 for 2018)	1,359,825,806	1,312,839,328
State and local government obligations	55,100,326	28,195,057
Common/Collective trusts and commingled fund	583,940,299	379,907,974
Partnership/Joint venture interests	774,144,434	737,702,581
Total investments at fair value	5,039,720,577	4,690,807,488
Contribution receivables	111,538,000	-
Collateral held under securities lending (Note 5)	250,730,134	245,114,475
Net assets held in 401(h) account at fair value (Note 6)	455,418,904	411,758,023
Due from broker for securities sold	31,223,094	84,997,908
Accrued dividend and interest income	47,895,311	46,109,798
Total assets	5,936,526,020	5,478,787,692
Liabilities		
Due to broker for securities purchased	48,404,458	103,251,041
Investment advisory and other fees payable	26,247,161	22,780,479
Obligation under securities lending (Note 5)	252,338,621	246,739,955
Payables for investments held in 401(h) account at fair value (Note 6)	455,418,904	411,758,023
Total liabilities	782,409,144	784,529,498
Net Assets Available for Benefits	\$ 5,154,116,876	\$ 4,694,258,194

See notes to financial statements.

American Electric Power System Retirement Plan

Statements of Changes in Net Assets Available for Benefits

<i>Years Ended December 31,</i>	<u>2019</u>	<u>2018</u>
Additions		
Employer contributions	\$ 111,538,000	\$ -
Investment income (loss):		
Interest and dividends	106,404,453	108,220,803
Net appreciation (depreciation) in fair value of investments	600,569,728	(214,668,917)
Other investment income	<u>21,278,360</u>	<u>15,986,733</u>
Net investment income (loss)	<u>728,252,541</u>	<u>(90,461,381)</u>
Total additions (deductions)	839,790,541	(90,461,381)
Deductions		
Benefits paid directly to participants or beneficiaries	361,629,289	373,338,227
Administrative expenses	<u>18,302,570</u>	<u>18,035,857</u>
Total deductions	379,931,859	391,374,084
Net Increase (Decrease) In Net Assets Available for Benefits	459,858,682	(481,835,465)
Net Assets Available for Benefits		
Beginning of year	4,694,258,194	5,176,093,659
End of year	<u>\$ 5,154,116,876</u>	<u>\$ 4,694,258,194</u>

See notes to financial statements.

American Electric Power System Retirement Plan

Statements of Accumulated Plan Benefits

<i>Year Ended December 31,</i>	<u>2019</u>	<u>2018</u>
Actuarial Present Value of Accumulated Plan Benefits		
Vested benefits:		
Participants and beneficiaries currently receiving benefit payments	\$ 2,185,858,057	\$ 2,135,473,032
Other participants	<u>1,777,518,859</u>	<u>1,657,800,897</u>
Total vested benefits	3,963,376,916	3,793,273,929
Nonvested benefits	<u>11,760,359</u>	<u>23,575,244</u>
Total Actuarial Present Value of Accumulated Plan Benefits	<u>\$ 3,975,137,275</u>	<u>\$ 3,816,849,173</u>

See notes to financial statements.

American Electric Power System Retirement Plan

Statements of Changes in Accumulated Plan Benefits

<i>Years Ended December 31,</i>	<u>2019</u>	<u>2018</u>
Actuarial Present Value of Accumulated Plan Benefits - Beginning of year	\$ 3,816,849,173	\$ 3,970,740,002
Increase (decrease) during the year attributable to:		
Benefits accumulated	70,362,660	65,008,243
Actuarial losses (gains)	22,625,293	30,729,926
Interest due to the decrease in the discount period	231,821,090	231,105,899
Benefits paid	(361,629,289)	(373,338,227)
Changes in actuarial assumptions	<u>195,108,348</u>	<u>(107,396,670)</u>
Net increase (decrease)	<u>158,288,102</u>	<u>(153,890,829)</u>
Actuarial Present Value of Accumulated Plan Benefits - End of year	<u>\$ 3,975,137,275</u>	<u>\$ 3,816,849,173</u>

See notes to financial statements.

American Electric Power System Retirement Plan

Notes to Financial Statements

December 31, 2019 and 2018

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 was amended and restated effective August 18, 2020 to incorporate all amendments that had been made to the Plan through December 31, 2019. 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” or “BNYM”).

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 and accumulated plan benefit obligations.

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. After December 31, 2010, these participants earned benefits under the cash balance formula. 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.

American Electric Power System Retirement Plan

Notes to Financial Statements

December 31, 2019 and 2018

Funding Policy

The plan sponsor generally contributes the greater of the ASC 715 service cost or the minimum required contribution, but reserves the right to deviate from this practice, based on other considerations. The Plan also operates in compliance with the minimum funding requirements of ERISA. The Plan met the minimum funding requirement in 2019 and 2018.

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. Bank of New York Mellon, N.A. (BNYM) acts as trustee and custodian for the Plan's investments. Fees paid by the Plan to the trustee for trustee services amounted to \$923,877 and \$845,887 for the years ended December 31, 2019 and 2018, respectively. The Plan held investments managed by BNYM totaling \$530,536,276 and \$369,314,082 at December 31, 2019 and 2018, respectively. BNYM is the lending agent for the securities lending transactions detailed in Note 5.

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.

Investment Valuation and Income Recognition

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, senior vice president of risk & treasury, vice president of human resources, senior vice president of strategy and transformation, executive vice president of strategy and executive vice president general counsel, in addition to the executive vice president - energy supply of AEP. The IC consists of AEPSC's senior vice president of risk & treasury, director of trust and investments, and two managing directors of corporate finance.

The Plan utilizes its Trustee's external pricing service to determine 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

American Electric Power System Retirement Plan

Notes to Financial Statements

December 31, 2019 and 2018

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, common collective trusts, 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.

The following investments are valued at net asset value (NAV) as a practical expedient. The NAV per share (or its equivalent, such as member units or an ownership interest in partners' capital to which a proportionate share of net assets is attributed) is used as a practical expedient to estimate fair value. This practical expedient is not used when it is determined to be probable that the fund will sell the investment for an amount different than the reported NAV. These investments are primarily short-term investments, common collective trusts and partnership/joint venture interests.

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, common collective trusts, 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 EB Temporary Investment Fund's redemption frequency and redemption notice period are both daily. The Plan has no unfunded commitments.

JPMorgan Long Duration Fund

The objective of the JPMorgan Long Duration Fund is to track the performance of the Bloomberg Barclay's Long Government/Credit Index. The majority of the holdings in the fund are corporate or government bonds. The redemption frequency and redemption notice period is daily. The Plan 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.

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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 (MSCI). The underlying holdings are equity securities (e.g., common stocks), 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 Plan 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 (ACWI) 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 Plan 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 the alternative investments portfolio is to add return and provide diversification. Alternative investments are not actively traded, and typically require a long time horizon to evaluate investment performance. The Plan uses limited partnerships and commingled funds to invest across the alternative credit spectrum. The underlying holdings are currently composed of high yield bonds, bank loans, and emerging market debt. Alternative investment funds are used to enhance holdings diversity. At December 31, 2019 and 2018, the Plan holds investments of \$125,603,600 and \$63,738,586, respectively, in limited partnerships and of \$35,331,508 and \$79,526,614, respectively, in commingled funds across the alternative investment spectrum. Redemption frequencies for the commingled funds range from daily to quarterly, with redemption notice periods ranging from 1 day to 60 days. At December 31, 2019 and 2018, the Plan has no unfunded commitments. Investments in these limited partnerships are not eligible for immediate redemption.

Included in the alternative investment designation is \$284,539,494 and \$301,632,278 of private equity investments at December 31, 2019 and 2018, respectively, whose portfolio objective is to add return and provide diversification. Private equity investments are not actively traded, and typically require a long-time horizon to evaluate investment performance. The Plan uses limited partnerships 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 \$104,751,928 and \$120,599,531 in unfunded commitments as of December 31, 2019 and 2018, respectively. The portfolio does not have a readily determinable fair value and is illiquid. Investments in these limited partnerships are not eligible for immediate redemption. The Plan generally expects to liquidate the limited partnerships within three to 15 years.

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Real Estate

The objective of the real estate portfolio is to add return, provide diversification, and hedge against inflation. Real estate investments are not actively traded, and typically require a long-time horizon to evaluate investment performance. The Plan uses external real estate managers to invest in commingled funds and limited partnerships that hold real estate properties. At December 31, 2019 and 2018, the Plan holds investments of \$220,251,948 and \$145,406,351, respectively, in limited partnerships and of \$19,357,433 and \$75,122,758, respectively, in commingled funds across the real estate investment spectrum. Redemption frequencies for the commingled funds range from none to quarterly, with redemption notice periods ranging from 30 to 90 days. 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 \$30,287,948 and \$39,660,079 in unfunded commitments as of December 31, 2019 and 2018, respectively. Limited partnerships have original terms averaging 8 to 12 years, although those periods may be subsequently extended.

Infrastructure

The objective of the infrastructure portfolio is to add return, provide diversification, and hedge against inflation. Infrastructure investments are not actively traded, and typically require a long-time horizon to evaluate investment performance. The Plan uses limited partnerships to invest across the infrastructure spectrum. To mitigate investment risk in the infrastructure portfolio, infrastructure funds are used to ensure that holdings are diversified by region, property type, and risk classification. Investments in these limited partnerships are not eligible for immediate redemption. The infrastructure portfolio has \$20,995,463 and \$25,803,206 in unfunded commitments as of December 31, 2019 and 2018, respectively and have original terms averaging 10 to 25 years.

Allocated Insurance Contracts

The Plan has allocated 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.

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, but excluding those covered by allocated insurance contracts. 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.

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Actuarial Assumptions

The significant actuarial assumptions used in the valuation of the Plan at December 31, 2019 and 2018 are summarized as follows:

Actuarial cost method	Projected unit credit
Interest rate	2019 5.75 percent and 2018 6.25 percent
Mortality basis	During 2019, Pri-2012 mortality table without collar or quartile adjustments and projected forward on a generational basis using an adjusted version of MP-2020. During 2018, Pri-2012 mortality table without collar or quartile adjustments and projected forward on a generational basis using an adjusted version of MP-2019.
Average retirement age	63

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 changes in actuarial assumptions between 2018 and 2019 was the change from Pri-2012 mortality table with MP-2019 improvement to Pri-2012 mortality table with MP-2020 improvement and the decrease in the interest rate. The most significant changes in actuarial assumptions between 2017 and 2018 was the change from RP-2014 mortality table with MP-2017 improvement to Pri-2012 mortality table, with MP-2019 improvement and the increase in the interest rate.

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. Until August 7, 2019, an outside firm, Mercer HR Services, LLC (Mercer), performed 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. Effective August 7, 2019, Morneau-Shepell Limited (Morneau) took over Mercer's role as a part of Morneau's acquisition of Mercer's book of business. Fees paid to Mercer and Morneau for these services have been presented as administrative expenses in the statement of changes in net assets available for benefits.

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Notes to Financial Statements

December 31, 2019 and 2018

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.

Derivatives

The Plan may hold various instruments that meet the definition of a derivative under Financial Accounting Standards Board Accounting Certification (FASB ASC) Topic 815, Derivatives and Hedging, including futures contracts. The Plan's primary objective in holding these derivatives is to hedge investment risk. Derivatives are not used to fundamentally increase the risk/return profile of the portfolio relative to the benchmark for the portfolio, nor to invest in asset classes that are not consistent with the benchmark or the approved strategy for the portfolio. Derivatives held by the Plan are recorded at their fair value, and changes in fair value are recorded as additions to net assets attributable to net appreciation in fair value of investments in the accompanying statements of change in net assets available for benefits.

New Accounting Pronouncement

In August 2018, the Financial Accounting Standards Board (FASB) issued Accounting Standard Update (ASU) No. 2018-13, *Fair Value Measurements Topic (820), Disclosure Framework – Changes to the Disclosure Requirements for Fair Value Measurement*. ASU No. 2018-13 eliminates certain disclosures, including the disclosure related to transfers between Level 1 and 2 investments, the valuation policies for Level 3 measurements and, for nonpublic entities, the change in the Level 3 investments' unrealized gains and losses included in earnings. This ASU also amends certain disclosures including disclosing purchases, sales, and transfers for Level 3 investments instead of the Level 3 roll-forward. ASU No. 2018-13 is effective for periods beginning after December 15, 2019. Early adoption is permitted. Management is currently evaluating the impact of this ASU on the Plan's financial statements.

Subsequent Events

In March 2020, COVID-19 was declared a pandemic by the World Health Organization and the Centers for Disease Control and Prevention. Its rapid spread around the world and throughout the United States prompted many countries, including the United States, to institute restrictions on travel, public gatherings and certain business operations. The ultimate impact of COVID-19 on the Plan

American Electric Power System Retirement Plan

Notes to Financial Statements

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depends on factors beyond the Plan Sponsor's knowledge or control, including the duration and severity of this outbreak as well as third-party actions taken to contain its spread and mitigate its public health effects. Therefore, the Plan Sponsor cannot estimate the potential future impact to the amounts reported in the Statements of Net Assets Available for Benefits, benefit obligations or contributions, but the impacts could be material.

No other subsequent events were identified through August 26, 2021, which is the date the financial statements were available to be issued.

3. Information Certified by Trustee

The following is a summary of the Plan's investment balances and related investment activity as of and for the years ended December 31, 2019 and 2018, included in the Plan's financial statements and supplemental schedules, that was prepared by or derived from information prepared by the Trustee of the Plan, and furnished to the Plan Administrator. The Plan Administrator has obtained a certification from the Trustee that such information is complete and accurate in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA and, accordingly, no audit work has been performed on the investment balances and related investment information. Investments at fair value (excluding Partnership/Joint venture interests and including securities on loan), accrued dividend and interest income, due from (to) broker for securities (purchased) sold, investment income (excluding investment activity related to the Partnership/joint venture interests of \$19,084,153 and \$14,979,691 for the years ended December 31, 2019 and 2018, respectively and securities lending of \$433,785 and \$511,092 for the years ended December 31, 2019 and 2018, respectively), the investment information included in Notes 4 (excluding leveling, partnership/joint venture interests and collateral held under securities lending), 6 and 7, as well as the information included in the Schedule of Assets (Held at End of Year), the Schedule of Assets (Acquired and Disposed of Within Year) and the Schedule of Reportable Transactions, excluding Partnership/joint venture interests, are certified as complete and accurate by the Trustee.

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.

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Notes to Financial Statements

December 31, 2019 and 2018

	Assets Measured at Fair Value on a Recurring Basis at December 31, 2019		
	Investments (at Fair Value)	Level 1	Level 2
Short-term investments	\$ 24,426,522	\$ -	\$ 24,426,522
Equity – Corporate stock	997,652,810	996,790,201	862,609
Fixed income:			
U.S. government obligations	1,243,677,650	(5,824,380)	1,249,502,030
Corporate obligations	1,359,825,806	-	1,359,825,806
State and local government obligations	55,100,326	-	55,100,326
Collateral held under securities lending:			
Short-term investments	15,775,858	-	15,775,858
Fixed income securities – U.S. government obligations	74,250,069	-	74,250,069
Fixed income securities – U.S. agency obligations	162,312,694	-	162,312,694
Net assets held in 401(h) account – Fixed income:			
U.S. government obligations	75,134,846	-	75,134,846
Corporate obligations	80,858,288	-	80,858,288
State and local government obligations	5,330,116	-	5,330,116
Total	\$ 4,094,344,985	\$ 990,965,821	\$ 3,103,379,164
Investments measured at NAV as a practical expedient:			
Short-term investments	\$ 952,730		
Common/Collective Trusts and Commingled Fund:			
Common/collective trust	36,248,637		
Vontobel India Fund	19,650,075		
Mellon Capital All- Country World Index Fund	528,041,587		
Partnership/Joint Venture Interests:			
Alternative investments	448,634,809		
Real estate	239,609,381		
Infrastructure	85,900,244		
Net assets held in 401(h) account			
Short-term investments	6,769,204		
Common/Collective Trusts and Commingled Fund:			
JPM Long Duration Fund	167,921,771		
Mellon Capital All- Country World Index Fund	118,633,514		
Total investments at fair value	\$ 5,746,706,937		

American Electric Power System Retirement Plan

Notes to Financial Statements

December 31, 2019 and 2018

	Assets Measured at Fair Value on a Recurring Basis at December 31, 2018		
	Investments (at Fair Value)	Level 1	Level 2
Short-term investments	\$ 35,984,390	\$ (371,675)	\$ 36,356,065
Equity – Corporate stock	680,173,644	661,829,557	18,344,087
Fixed income:			
U.S. government obligations	1,513,659,182	169,436	1,513,489,746
Corporate obligations	1,312,839,328	-	1,312,839,328
State and local government obligations	28,195,057	-	28,195,057
Collateral held under securities lending:			
Short-term investments	28,260,556	-	28,260,556
Fixed income securities – U.S. government obligations	56,063,894	-	56,063,894
Fixed income securities – U.S. agency obligations	162,415,504	-	162,415,504
Net assets held in 401(h) account – Fixed income:			
U.S. government obligations	63,145,066	-	63,145,066
Corporate obligations	80,019,138	-	80,019,138
State and local government obligations	4,420,790	-	4,420,790
Total	\$ 3,965,176,549	\$ 661,627,318	\$ 3,303,549,231

Investments measured at NAV as a practical expedient:

Short-term investments	\$ 2,345,332
Common/Collective Trusts and Commingled Fund:	
Common/collective trust	9,550,024
Vontobel India Fund	15,245,431
Mellon Capital All- Country World Index Fund	355,112,519
Partnership/Joint Venture Interests:	
Alternative investments	444,897,479
Real estate	220,529,108
Infrastructure	72,275,994
Net assets held in 401(h) account	
Short-term investments	4,707,831
Common/Collective Trusts and Commingled Fund:	
JPM Long Duration Fund	154,609,375
Mellon Capital All- Country World Index Fund	103,068,746

Total investments at fair value **\$ 5,347,518,388**

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.

5. Securities Lending

The Plan has an agreement with Bank of New York Mellon, N.A., which acts as trustee and 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

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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 statements of changes in net assets available for benefits includes \$432,121 and \$507,489 earned by the Plan during the years ended December 31, 2019 and 2018, 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, 2019 and 2018, the fair value of securities loaned was \$246,470,803 and \$240,831,201, respectively, while the collateral held was \$252,338,621 and \$246,739,955, respectively. Collateral received consisted of U.S. government obligations, U.S. agency obligations, and cash totaling \$250,730,134 and \$245,114,475 as of December 31, 2019 and 2018, respectively. The cash collateral totaled \$15,775,858 and \$28,260,556 as of December 31, 2019 and 2018, respectively, and was invested in various pooled investments that hold short-term and fixed income securities (including repurchase agreements). The noncash collateral received totaled \$236,562,762 and \$218,479,399 as of December 31, 2019 and 2018, 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.

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 certain 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 in 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, 2019 and 2018.

The related obligations for health and welfare benefits are not included in the Plan's statements of accumulated plan benefits but are reflected as plan obligations in the financial statements of the

American Electric Power System Retirement Plan

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December 31, 2019 and 2018

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.

Effective July 1, 2018, 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 or whose benefits have been collectively bargained) and their dependents under the Medical Plan. 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, 2019 and 2018 and the changes in net assets for the years then ended are as follows:

	2019	2018
Investments; at fair value		
Common/Collective trusts	\$ 286,555,284	\$ 257,678,121
Corporate and government bonds	155,993,134	143,164,204
Other investments	12,099,320	9,128,621
Accrued income and other receivables	1,763,412	1,966,414
Fees payable by 401(h) and other	(992,246)	(179,337)
Net assets held in 401(h) account	\$ 455,418,904	\$ 411,758,023
Changes in net assets in 401(h) account:		
Net appreciation (depreciation) in fair value of investments	\$ 81,768,064	\$ (34,217,603)
Interest and dividend income	5,822,154	6,305,380
Administrative expenses	(586,946)	(502,979)
Retiree Medical Reimbursement	(43,342,391)	(32,169,826)
Net increase (decrease) in net assets held in 401(h) account	\$ 43,660,881	\$ (60,585,028)

7. Derivatives

The Plan has futures contracts with a current notional amount of \$1,023,706,266 and \$1,146,869,338 at December 31, 2019 and 2018, 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 investments income on the statements of changes in net assets available for benefits.

The Plan also holds forward contracts in a loss position which are also presented within U.S. government obligations in the statements of net assets available for benefits. Forward contracts are valued based on inputs derived from observable market data.

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

American Electric Power System Retirement Plan

Notes to Financial Statements

December 31, 2019 and 2018

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.

The following table lists the fair value of derivative instruments held by the Pension Trust, by contract type and on a gross basis, as of December 31, 2019:

	Asset Derivatives Fair Value	Liability Derivatives Fair Value
Contract Type		
Forward Foreign Currency Exchange Contracts	\$ 20,860,112	\$ 20,975,697
Interest Rate Swaps	56,417	-
Treasury Bond Forwards	37,509,745	21,372,008
Future Contracts	5,471,783	11,296,163
Totals	\$ 63,898,057	\$ 53,643,868

The following table lists the fair value of derivative instruments held by the Pension Trust, by contract type and on a gross basis, as of December 31, 2018:

	Asset Derivatives Fair Value	Liability Derivatives Fair Value
Contract Type		
Forward Foreign Currency Exchange Contracts	\$ 16,448,274	\$ 16,662,736
Interest Rate Swaps	176,283	-
Treasury Bond Forwards	30,342,774	14,970,007
Future Contracts	9,041,548	9,243,787
Totals	\$ 56,008,879	\$ 40,876,530

American Electric Power System Retirement Plan

Notes to Financial Statements

December 31, 2019 and 2018

Unrealized gains and losses of derivative instruments held by the Pension trust were (\$6,006,695) and (\$1,219,757) for the years ended December 31, 2019 and 2018, respectively. Unrealized gains and losses are recorded in net appreciation (depreciation) in fair value of investments on the statements of changes in net assets available for benefits.

The Plan is subject to master netting agreements with certain counterparties. These agreements set the terms for OTC derivative transactions between two counterparties, including setting protections should one of the counterparties default. One of the terms in the agreement is that any payments from OTC derivatives transactions between two counterparties are net together, which allows for one payment to be made by whichever counterparty in the agreement owes the most, rather than multiple payments being made between parties for each transaction. Collateral was pledged to counterparties against derivative assets and liabilities in the amount of \$6,603,700 and \$3,289,862 as of December 31, 2019 and 2018, respectively.

8. Federal Income Tax

The Plan obtained its latest favorable determination letter dated August 2, 2021 in which the IRS stated that the Plan, as currently designed, was in compliance with the applicable requirements of the IRC and related guidance under consideration for which the application was submitted (the 2017 Required Amendments List). The Company believes that the Plan is currently designed and operated in compliance with the applicable requirements of the IRC and that the Plan's Trust continues to be tax-exempt. Therefore, no provision for income taxes has been included in the Plan's financial statements.

GAAP requires Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan Administrator analyzed the tax positions taken by the Plan, and concluded that as of December 31, 2019, there were no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions. However, there are currently no audits for any tax periods in progress. The Plan Administrator believes that the Trust is no longer subject to income tax examinations for years prior to 2018.

The Plan may incur Unrelated Business Income Tax depending on a number of factors, including whether the trust (a) realizes non-exempt debt-financed income or (b) realizes or is allocated unrelated business income through its investments. The Plan incurred Unrelated Business Income Tax liabilities for the years ended December 31, 2019 and 2018. The estimated Unrelated Business Income Tax was \$169,917 and \$42,679 for the years ended December 31, 2019 and 2018, respectively.

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

American Electric Power System Retirement Plan

Notes to Financial Statements

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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.

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, 2019 and 2018 to Form 5500:

	2019	2018
Net assets available for benefits per the financial statements	\$ 5,154,116,876	\$ 4,694,258,194
Net assets held in 401(h) account included as assets in Form 5500	455,418,904	411,758,023
Net assets available for benefits per Form 5500	\$ 5,609,535,780	\$ 5,106,016,217

The following is a reconciliation of the statement of changes in net assets available for benefits to the Form 5500 for the years ended December 31, 2019 and 2018 to Form 5500:

	2019	2018
Net increase (decrease) in net assets available for benefits per the financial statements	\$ 459,858,682	\$ (481,835,465)
Net investment income (loss) from 401(h) account	87,590,218	(27,912,223)
Administrative expenses related to 401(h) account	(586,946)	(502,979)
Transfer from 401(h) account to Medical Plan	(43,342,391)	(32,169,826)
Net increase (decrease) in net assets available for benefits per Form 5500	\$ 503,519,563	\$ (542,420,493)

Supplemental Schedules

American Electric Power System Retirement Plan

Schedule 1

Schedule H, Part IV, Line 4i - Schedule of Assets (Held at End of Year)

December 31, 2019

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(d) Cost	(e) Current value
	Short-Term Investments			
		COCA COLA CO DISC 07/20/2020	1,811,451	1,811,451
		FEDERATION DES DISC 04/21/2020	1,486,507	1,486,507
		OVERSEA-CHINESE DISC 06/12/2020	1,485,819	1,485,819
		FAIRWAY FIN CORP DISC 05/27/2020	1,436,364	1,436,364
		DNB NOR BANK DISC 05/26/2020	1,387,261	1,387,261
		LMA SA & LMA AMER DISC 05/04/2020	1,288,268	1,288,268
		MUFG BANK LTD NY DISC 07/06/2020	1,286,965	1,286,965
		NATIONAL BK CANADA IB NT VAR RT 01/08/2020 DD 07/08/19	1,150,000	1,150,000
		MUFG BANK LTD NY DISC 04/13/2020	1,111,062	1,111,062
		NORDEA BANK ABP DISC 05/13/2020	1,089,907	1,089,907
		DBS BANK LTD DISC 05/11/2020	989,339	989,339
		SOCIETE GENERALE DISC 06/22/2020	987,326	987,326
		NATIONAL BK CANADA DISC 04/21/2020	941,019	941,019
		NATIXIS NY BRH DISC 05/15/2020	927,754	927,754
		SKANDINAVISKA ENS DISC 05/27/2020	889,774	889,774
		SKANDINAVISKA ENSKILDA BANKEN VAR RT 10/20/2020 DD 10/20/17	835,365	836,127
		SHEFFIELD REC CP DISC 06/10/2020	792,235	792,235
		STARBIRD FDG CORP IB NT VAR RT 04/17/2020 DD 10/17/19	785,000	785,000
		BANK OF NOVA SCOTIA IB NT VAR RT 05/19/2020 DD 05/21/19	700,005	700,005
		WESTPAC BANKING CORP/NY VAR RT 01/21/2020 DD 01/18/19	655,000	655,052
		WESTPAC BANKING CORP/NY VAR RT 02/11/2020 DD 02/11/19	600,052	600,052
		COMMONWEALTH BNK OF AUS IB NT VAR RT 04/06/2020 DD 04/12/19	580,000	580,000
		SOCIETE GENERALE IB NT VAR RT 08/03/2020 DD 08/05/19	580,000	580,000
		EUR (EURO)	482,381	488,363
		NORINCHUKIN BK C/D 2.010% 02/28/2020 DD 08/29/19	400,000	400,000
		SGD (SINGAPORE DOLLARS)	247,133	249,155
		EUR (EURO)	46,303	46,303
		CHF (SWISS FRANC)	45,186	45,753
		BRL (BRAZILIAN REAL)	22,144	22,450
		GBP (GREAT BRITISH POUNDS)	13,817	13,963
		GBP (GREAT BRITISH POUNDS)	10,095	10,216
		JPY (JAPANESE YEN)	9,989	10,061
		EUR (EURO)	8,822	8,931
		JPY (JAPANESE YEN)	7,758	7,771
		GBP (GREAT BRITISH POUNDS)	7,170	7,118
		EUR (EURO)	7,025	7,025
		ZAR (SOUTH AFRICAN RAND)	5,491	5,604
		TWD (TAIWAN DOLLAR)	5,454	5,586
		EUR (EURO)	4,373	4,448
		CAD (CANADIAN DOLLARS)	4,345	4,421
		CAD (CANADIAN DOLLARS)	4,353	4,419
		SEK (SWEDISH KRONA)	3,970	4,031
		HKD (HONG KONG DOLLARS)	3,830	3,828
		MXN (MEXICAN PESO)	1,582	1,640
		MYR (MALAYSIAN RINGGIT)	748	760
		CHF (SWISS FRANC)	433	437
		SGD (SINGAPORE DOLLARS)	354	358
		TRY (NEW TURKISH LIRA)	356	345
		DKK (DANISH KRONE)	327	327
		AUD (AUSTRALIAN DOLLARS)	289	298
		MXN (MEXICAN PESO)	296	298
		SEK (SWEDISH KRONA)	283	297
		PLN (POLISH ZLOTY)	280	280
		CAD (CANADIAN DOLLARS)	113	116
		CAD (CANADIAN DOLLARS)	60	60
		NOK (NORWEGIAN KRONE)	56	59
		KRW (SOUTH KOREAN WON)	5	5
		GBP (GREAT BRITISH POUNDS)	4	4
		EQUITABLE LIFE ASSURANCE CONTR	4	4
		ZAR (SOUTH AFRICAN RAND)	1	1
		JOHN HANCOCK MUT LIFE CONT #11 CAC	1	1
		METROPOLITAN GAC #294	1	1
		METROPOLITAN LIFE INS GAC #304	1	1
		CHF (SWISS FRANC)	(1)	(1)
		JPY (JAPANESE YEN)	(3)	(3)
		EUR (EURO)	(3)	(3)
		CASH HELD AT MORGAN STANLEY	(2,000)	(2,000)
		INTEREST AND DIVIDENDS	-	229,234
		Short-Term Investments Total	25,139,299	25,379,252

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State and Local Government Obligations				
		CALIFORNIA ST 7.350% 11/01/2039 DD 11/10/09	4,844,274	5,261,211
		CALIFORNIA ST 7.600% 11/01/2040 DD 12/01/10	2,387,496	2,624,629
		UNIV OF CALIFORNIA CA RGTS MED 6.583% 05/15/2049 DD 12/17/09	2,328,215	2,483,672
		CALIFORNIA ST 4.600% 04/01/2038 DD 04/25/18	2,416,498	2,332,340
		PORT AUTH OF NEW YORK & NEW JE 3.287% 08/01/2069 DD 08/16/19	2,499,426	2,324,999
		CALIFORNIA ST 7.550% 04/01/2039 DD 04/28/09	2,167,567	2,109,286
		LOS ANGELES CA UNIF SCH DIST 5.750% 07/01/2034 DD 10/15/09	1,987,352	2,093,797
		CALIFORNIA ST 7.600% 11/01/2040 DD 12/01/10	2,095,772	2,005,613
		BAY AREA CA TOLL AUTH TOLL BRI 7.043% 04/01/2050 DD 07/01/10	1,672,284	1,866,864
		UNIV OF CALIFORNIA CA REVENUES 4.858% 05/15/2112 DD 03/01/12	1,978,424	1,769,097
		N TX TOLLWAY AUTH REVENUE 6.718% 01/01/2049 DD 08/12/09	1,515,759	1,647,377
		AMERICAN MUNI PWR-OHIO INC OH 5.939% 02/15/2047 DD 09/29/10	1,474,660	1,566,005
		CHICAGO IL TRANSIT AUTH SALES 6.899% 12/01/2040 DD 08/06/08	1,582,212	1,533,294
		ALAMEDA CNTY CA JT PWRS AUTH L 7.046% 12/01/2044 DD 11/04/10	1,310,327	1,454,618
		ILLINOIS ST 5.100% 06/01/2033 DD 06/12/03	1,195,258	1,433,780
		NEW YORK CITY NY MUNI WTR FIN 5.440% 06/15/2043 DD 09/23/10	1,463,925	1,422,711
		NEW YORK CITY NY MUNI WTR FIN 5.440% 06/15/2043 DD 09/23/10	1,406,360	1,374,600
		CALIFORNIA ST 7.500% 04/01/2034 DD 04/28/09	1,297,032	1,370,314
		PORT AUTH OF NEW YORK & NEW JE 4.458% 10/01/2062 DD 10/10/12	1,358,334	1,274,624
		UNIV OF CALIFORNIA CA RGTS MED 6.548% 05/15/2048 DD 11/18/10	1,278,386	1,256,254
		MUNI ELEC AUTH OF GEORGIA 6.637% 04/01/2057 DD 03/11/10	1,249,666	1,238,762
		CALIFORNIA ST 7.300% 10/01/2039 DD 10/15/09	875,052	1,175,805
		CALIFORNIA ST 7.550% 04/01/2039 DD 04/28/09	1,092,510	1,162,915
		PORT AUTH OF NEW YORK & NEW JE 4.926% 10/01/2051 DD 10/06/11	866,770	1,062,269
		PORT OF PORTLAND OR ARPT REVEN 4.237% 07/01/2049 DD 04/24/19	990,000	1,029,343
		PORT AUTH OF NEW YORK & NEW JE 4.229% 10/15/2057 DD 05/09/17	795,000	931,867
		NEW YORK ST URBAN DEV CORP REV 5.770% 03/15/2039 DD 12/01/09	845,398	842,861
		SALES TAX SECURITIZATION CORP 3.587% 01/01/2043 DD 12/14/17	751,666	719,714
		PORT AUTH OF NEW YORK & NEW JE 4.458% 10/01/2062 DD 10/10/12	580,000	710,848
		CALIFORNIA ST 7.300% 10/01/2039 DD 10/15/09	711,615	702,429
		UNIV OF CALIFORNIA CA REVENUES 5.946% 05/15/2045 DD 09/30/10	503,126	676,937
		MET TRANSPRTN AUTH NY DEDICATE 6.089% 11/15/2040 DD 03/25/10	586,791	637,887
		NEW YORK ST THRUWAY AUTH 3.500% 01/01/2042 DD 10/30/19	615,411	612,645
		N TX TOLLWAY AUTH REVENUE 6.718% 01/01/2049 DD 08/12/09	655,422	611,883
		CHICAGO IL 4.864% 12/01/2022 DD 08/26/10	591,640	596,730
		MASSACHUSETTS ST 2.900% 09/01/2049 DD 09/12/19	547,155	519,129
		TEXAS ST TRANSPRTN COMMISSIONS 5.178% 04/01/2030 DD 08/05/10	509,701	517,647
		NEW YORK ST DORM AUTH ST PERSO 3.110% 02/15/2039 DD 01/03/20	400,000	400,216
		CHICAGO IL TRANSIT AUTH SALES 6.899% 12/01/2040 DD 08/06/08	331,472	317,466
		MET TRANSPRTN AUTH NY DEDICATE 7.336% 11/15/2039 DD 04/30/09	327,032	312,910
		KANSAS ST DEV FIN AUTH REVENUE 4.927% 04/15/2045 DD 08/20/15	257,835	243,937
		RUTGERS NJ ST UNIV 3.270% 05/01/2043 DD 10/24/19	210,000	207,818
		RUTGERS NJ ST UNIV 3.270% 05/01/2043 DD 10/24/19	200,000	197,922
		BAY AREA CA TOLL AUTH TOLL BRI 3.552% 04/01/2054 DD 09/26/19	180,000	182,444
		CALIFORNIA ST 7.625% 03/01/2040 DD 04/01/10	169,206	168,129
		CALIFORNIA ST 7.350% 11/01/2039 DD 11/10/09	108,021	107,528
		UNIV OF CALIFORNIA CA RGTS MED 6.583% 05/15/2049 DD 12/17/09	7,332	7,200
		State and Local Government Obligations Total	53,217,382	55,100,326
Common/Collective Trusts				
*		BNYM-M DB SL ACWI FUND	361,382,259	528,041,587
*		EB TEMP INV FD VAR RT 12/31/49 FEE CL 00	36,248,637	36,248,637
		Common/Collective Trusts Total	397,630,896	564,290,224
Commingled Fund - Vontobel India - CL 1 SC A RED (103-12 Investment Entity)				
		HDFC BANK LIMITED	3,475,115	4,480,797
		TATA CONSULTANCY SERVICES LIMITED	2,825,841	3,643,627
		HCL TECHNOLOGIES	2,457,375	3,168,527
		HOUSING DEVELOPMENT FINANCE CORPORATION LIMITED	2,383,956	3,073,861
		ZEE ENTERTAINMENT ENTERPRISES LIMITED	1,031,052	1,329,434
		ITC LIMITED	920,093	1,186,363
		EICHER MOTORS LTD	893,222	1,151,716
		POWER GRID CORPORATION OF INDIA LIMITED	824,460	1,063,055
		BHARTI INFRATEL LIMITED	428,645	552,695
		Commingled Fund - Vontobel India - CL 1 SC A RED (103-12 Investment Entity) Total	15,239,759	19,650,075

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	Partnership/Joint Venture Interests			
		LAZARD EMERGING MKTS	53,269,358	53,269,358
		BRIGADE CREDIT OFFSHORE FUND II LTD A1 RU17	45,618,012	53,151,400
		PRISA	20,221,680	41,002,234
		IFM GLOBAL INFRA OFFSHORE LP	20,000,000	35,289,683
		JPMCB STRATEGIC PROPERTY FUND	22,500,000	34,678,041
		JAMESTOWN PREMIER PROPERTY FUND LP	3,497,639	29,466,596
		LION INDUSTRIAL TRUST PROPERTIES	10,000,000	27,635,958
		USAA EAGLE REAL ESTATE FEEDER I LP	15,000,000	26,465,244
		JPMCB SPECIAL SITUATION PROPERTY FUND	20,000,000	19,357,433
		STONE HARBOR LEVERAGED LOAN FUND B	15,034,802	19,182,843
		STONE HARBOR-EM MK DBT-MUSDA	14,285,803	18,924,613
		PEG POOLED VENT CAP INST INVEST III LLC	19,004,737	18,203,195
		CVC CAPITAL PRTRNS VI (C) LP	12,775,209	18,179,794
		STONE HARBOR-HI YLD BD-MUSDA	13,092,359	16,406,895
		APOLLO INVESTMENT FUND VIII LP	12,302,809	16,396,532
		WARBURG PINCUS PRIVATE EQUITY X LP	1,962,635	14,625,853
		GRIDIRON CAPITAL FUND III LP	6,926,181	14,164,169
		BROOKFIELD PREMIER RE PRTRNS	10,000,000	13,206,903
		BASALT INFRA PARTNERS LP	9,914,945	12,553,923
		PATRIA - BRAZILIAN PRIVATE EQUITY FUND IV LP	8,459,689	11,946,992
		H.I.G. CAPITAL PARTNERS V LP	7,585,142	11,672,841
		HIGH ROAD CAPITAL PARTNERS FD II - WFC	10,246,142	11,583,125
		BROOKFIELD INFRA FUND III LP	9,461,243	11,402,642
		KPS SPECIAL SITUATIONS FUND IV LP	10,210,329	10,609,023
		TZP CAPITAL PARTNERS II LP	9,089,774	10,344,056
		BLACKSTONE ENERGY PARTNERS L.P.	8,932,604	10,127,757
		AMERICAN SECURITIES PARTNERS VI	3,843,684	9,942,802
		GLOBAL ENERGY & POWER INFRA II	10,488,738	9,934,158
		AXIUM INFRA NA IV LP	11,793,398	9,529,237
		PROVIDENCE DEBT FUND III LP	8,478,612	8,874,487
		BLACKSTONE ENERGY PARTNERS II LP	7,730,273	8,777,264
		TPG GROWTH II LP	2,603,089	8,295,087
		WATERLAND PRIVATE EQUITY FUND V	674,812	7,665,340
		CA STUDENT LIVING INC GRWTH	7,500,000	7,473,439
		RIDGEMONT EQUITY PARTNERS FUND I LP	6,921,125	6,978,280
		ALterna CORE CAPITAL ASSETS II LP	8,198,526	6,961,736
		PLATINUM EQUITY CAP PTNRS IV L PV LP	5,593,745	6,692,062
		GS PEP 2005-MANAGERS FUND	17,203,472	6,667,585
		PLATINUM EQ CAP PARTNERS III III	5,706,442	6,579,754
		GRIDIRON CAPITAL FUND II LP	9,747,740	6,483,379
		BLACKSTONE CAPITAL PARTNERS VII LP	5,318,436	6,386,400
		ASCRIBE OPP FUND III LP	10,235,528	6,376,427
		ASANA PARTNERS FUND I LP	3,899,807	5,879,433
		HIG EUROPE CAPITAL PARTNERS II LP	5,415,904	5,183,698
		PEG US POOLED CORP FIN INST INVEST III LLC	11,209,766	5,096,228
		TPG OPPORTUNITIES PARTNERS III	4,049,441	5,076,749
		AMERICAN SECURITIES PTNRS VII	5,781,128	5,044,382
		PATRIA-BRAZILIAN PE FUND V LP	4,172,374	4,814,754
		TPG GROWTH III LP	3,621,042	4,596,600
		BROOKFIELD STRATEGIC RE ESTATE PARTNERS B LP	-	3,820,551
		IRON POINT REAL ESTATE II-TE	3,073,847	3,769,804
		EXETER EUR VAL VENT III FED SCSP	3,670,404	3,686,290
		UNICO CORE PLUS PARTNERS LP	3,743,063	3,497,163
		GREENFIELD ACQUI RTNRS VII LP	2,065,014	3,394,323
		OHA STRATEGIC CREDIT FUND II	3,000,000	3,160,207
		CVC CAPITAL PARTNERS VII LP	2,756,185	3,033,496
		BRAZIL REAL ESTATE OPPORTUNITIES FUND II - BAHIA	5,406,728	2,975,243
		ALMANAC REALTY SECURITIES VII	3,081,399	2,805,736
		BOWMARK CAPITAL PARTNERS V	3,282,762	2,662,125
		WOLFF CREDIT PARTNERS II LP	2,474,825	2,627,105
		HEITMAN ASIA-PACIFIC PRO INVST FEED	2,620,246	2,339,730
		UNICO PARTNERS I LP	321,294	2,181,000
		SECONDARY INVESTMENT SPV-3 LP	-	2,180,416
		SECONDARY INVESTMENTS SPV-4 LP	294,256	2,029,513
		GS PEP 2005 - DIRECT FUND	2,270,444	1,689,639
		APOLLO EUROPEAN PRINCIPAL FUND II	1,679,251	1,512,994
		OHA EUROPEAN STRATEGIC CREDIT FUND (OFFSHORE) LP	2,452,479	1,211,920
		STANDARD LIFE INVEST EURO RE CLUB II OFFSHORE FEEDER LTD	5,061,019	1,097,161
		TPG OPPORTUNITIES FUND II	4,047,441	1,011,177
		GREENFIELD MULTI-STATE PARTNERS LP	1,071,145	905,517
		ALMANAC REALTY SEC VIII LP	965,271	837,666
		APOLLO INVESTMENT FUND IX LP	911,477	818,229
		HVEST PART VI DIRECT FUND	5,557,305	441,454

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		WATERLAND PE FUND VI C.V.	3,204,374	313,308
		MERIDIAN INFRA NORTH AMERICA FD III (DOMESTIC)	675,447	214,162
		EXETER INDUSTRIAL VALUE FUND II LP	559,340	209,867
		FORTRESS JPN OPP FD IV DOL B LP	186,807	186,807
		HVEST PART V PARTNERS FUND	12,502,714	80,738
		SAROFIM REALTY FUND III LP	-	64,951
		AMERICAN SECURITIES PTNR VIII	56,855	56,855
		HVEST PART VI PARTNERSHIP FD	4,586,382	56,302
		HARBOURVEST INTL PVT EQ PARTNERS III PARTNERSHIP	9,723,619	39,663
		SAROFIM REALTY FD III LP NEW UNITS	5,932,710	32,473
		PLATINUM CAP EQ PTNRS V LP	17,048	17,048
		FIR TREE OPP FD VI CAYMAN LP	-	13,717
		SAROFIM REALTY FUND II LP	1,966,219	5,062
		SAROFIM REALTY FUND I LP	5,261,478	4,018
		SAROFIM REALTY FD I LP NEW UNITS	1,202,779	3,439
		FREIF II WAREHOUSE CO-INVEST ALTERNATIVE B LP	224,745	987
		SAROFIM REALTY FD II LP NEW UNITS	153,355	193
		PEG US DIR CORP FIN INST INVEST III LLC	1,093,956	1
		RREEF AMERICA REIT III	18,713,895	-
		Partnerships/Joint Ventures Total	675,445,752	774,144,434
	Corporate Stock			
		ISHARES MSCI INDIA ETF	13,258,940	14,362,290
		MICROSOFT CORP	9,466,795	12,473,282
		VISA INC	3,353,108	11,938,602
		ALIBABA GROUP HOLDING LTD ADR	5,166,122	10,784,437
		FORTRESS TRANSPORTATION & INFR	7,000,670	10,437,428
		MASTERCARD INC	3,491,351	10,269,406
		SAFRAN SA	8,413,362	10,249,716
		UNILEVER NV	8,629,377	10,231,697
		ASML HOLDING NV	3,069,060	10,034,734
		VISA INC	3,870,282	9,945,735
		AMAZON.COM INC	5,527,608	9,237,352
		ALIMENTATION COUCHE-TARD INC	6,350,123	8,885,883
		AMAZON.COM INC	3,981,262	8,795,718
		EDWARDS LIFESCIENCES CORP	4,322,364	8,646,661
		MEDTRONIC PLC	6,406,138	8,633,091
		NIKE INC	3,953,911	8,517,537
		SAP SE	5,832,988	8,318,971
		NESTLE SA	6,195,311	8,002,061
		UNITEDHEALTH GROUP INC	4,512,700	7,628,487
		ALIBABA GROUP HOLDING LTD	5,290,688	7,526,793
		ALPHABET INC-CL C	4,677,488	7,423,135
		SHOPIFY INC	1,964,172	7,409,698
		WORKDAY INC	4,308,187	7,333,319
		JOHNSON & JOHNSON	6,255,373	7,162,071
		BECTON DICKINSON AND CO	5,862,904	6,803,330
		GALAPAGOS NV	3,730,792	6,719,907
		COCA-COLA CO/THE	5,845,781	6,680,081
		TENCENT HOLDINGS LTD	5,980,598	6,464,227
		WALT DISNEY CO/THE	4,951,233	6,463,804
		HDFC BANK LTD	5,454,757	6,406,707
		ZALANDO SE	5,465,413	6,360,619
		KEYENCE CORP	5,350,539	6,339,738
		ILLUMINA INC	3,478,529	6,023,735
		TENCENT HOLDINGS LTD	4,821,885	5,920,335
		TJX COS INC/THE	4,232,622	5,911,280
		MICROSOFT CORP	4,187,705	5,853,509
		NETFLIX INC	2,944,445	5,609,733
		PEPSICO INC	4,231,440	5,443,429
		MICROSOFT CORP	3,978,239	5,300,297
		BABCOCK INTERNATIONAL GROUP PL	4,929,068	5,260,646
		APTIV PLC	4,639,183	5,242,344
		NEXTERA ENERGY INC	3,901,777	5,173,991
		CP ALL PCL	2,896,645	5,061,209
		NEXT PLC	4,206,373	5,007,695
		ALIGN TECHNOLOGY INC	4,268,306	4,872,317
		HANNOVER RUECK SE	3,534,164	4,829,367
		ATLASSIAN CORP PLC	2,688,894	4,788,690
		ANHEUSER-BUSCH INBEV SA/NV	5,618,888	4,773,532
		BELLWAY PLC	3,663,612	4,736,841
		JPMORGAN CHASE & CO	3,727,597	4,575,944

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	ADYEN NV		2,841,239	4,515,473
	POPULAR INC		3,744,819	4,488,794
	GVC HOLDINGS PLC		3,791,724	4,437,812
	WESTERN UNION CO/THE		3,466,968	4,433,616
	TAYLOR WIMPEY PLC		3,931,981	4,426,600
	ANTHEM INC		3,677,541	4,397,557
	NIKE INC		2,893,871	4,377,909
	FACEBOOK INC		1,485,667	4,307,171
	UNITEDHEALTH GROUP INC		3,700,539	4,305,043
	FLUTTER ENTERTAINMENT PLC		3,566,816	4,262,274
	ALPHABET INC-CL A		1,537,071	4,204,345
	ROCHE HOLDING AG		3,198,792	4,198,556
	KONE OYJ		3,625,907	4,194,358
	HEINEKEN NV		3,964,600	4,171,982
	CME GROUP INC		3,420,901	4,165,542
	BOOKING HOLDINGS INC		3,251,985	4,152,642
	ALLERGAN PLC		3,641,069	4,088,170
	SKF AB		3,053,932	4,086,980
	MUENCHENER RUECKVERSICHERUNGS-		3,100,403	4,030,014
	BERKSHIRE HATHAWAY INC		2,817,114	4,028,303
	BANCOLOMBIA SA		3,495,258	3,997,602
	WAL-MART DE MEXICO SAB DE CV		3,976,338	3,977,536
	VERIZON COMMUNICATIONS INC		3,320,264	3,939,363
	SAMSUNG ELECTRONICS CO LTD		3,434,175	3,935,938
	REGENERON PHARMACEUTICALS INC		3,330,022	3,935,781
	LANXESS AG		4,200,370	3,899,819
	MARATHON PETROLEUM CORP		4,293,495	3,880,642
	BHP GROUP PLC		3,507,839	3,865,538
	MAGNA INTL INC		4,026,062	3,856,962
	CHARLES SCHWAB CORP/THE		2,068,383	3,807,463
	ALLETE INC		3,695,267	3,790,558
	ROYAL CARIBBEAN CRUISES LTD		3,085,717	3,783,940
	UNITED OVERSEAS BANK LTD		3,747,529	3,782,818
	KDDI CORP		3,524,161	3,750,641
	BOSTON SCIENTIFIC CORP		3,081,471	3,749,733
	CHUBB LTD		3,251,926	3,749,071
	NOVARTIS AG		2,986,951	3,744,995
	INTERNATIONAL BANCSHARES CORP		3,791,762	3,742,869
	SAREPTA THERAPEUTICS INC		3,487,319	3,725,127
	VINCI SA		3,391,951	3,722,882
	QUEST DIAGNOSTICS INC		3,826,952	3,714,477
	GLAXOSMITHKLINE PLC		3,258,101	3,696,602
	CAPITAL ONE FINANCIAL CORP		3,447,007	3,670,697
	INFOSYS LTD ADR		3,456,381	3,607,377
	TYSON FOODS INC		2,647,955	3,571,590
	BASF SE		4,150,413	3,553,974
	SUMITOMO MITSUI TRUST HOLDINGS		3,288,027	3,531,856
	MONDI PLC		2,876,176	3,522,179
	AIR LIQUIDE SA		3,347,570	3,508,906
	ASAHI GROUP HOLDINGS LTD		3,448,607	3,498,531
	WESCO INTERNATIONAL INC		3,405,297	3,487,797
	DNB ASA		3,550,507	3,467,678
	SIAM COMMERCIAL BANK PCL/THE		3,165,558	3,459,967
	YARA INTERNATIONAL ASA		3,446,816	3,456,086
	AIRPORTS OF THAILAND PCL		1,304,040	3,442,835
	BLUEBIRD BIO INC		4,096,158	3,433,043
	CARTER'S INC		3,583,317	3,428,028
	FAST RETAILING CO LTD		2,345,559	3,409,248
	AVNET INC		3,431,007	3,397,364
	CINEWORLD GROUP PLC		3,903,801	3,391,737
	WOLTERS KLUWER NV		3,288,118	3,385,699
	PAYPAL HOLDINGS INC		3,320,767	3,373,822
	TORONTO DOMINION BANK NEW		3,477,186	3,359,250
	CIE GENERALE DES ETABLISSEMENT		3,434,286	3,336,552
	SVENSKA HANDELSBANKEN AB		3,486,695	3,329,316
	RELX PLC		2,539,673	3,319,276
	JM SMUCKER CO/THE		3,465,686	3,315,083
	WEBSTER FINANCIAL CORP		3,818,843	3,302,237
	DEUTSCHE TELEKOM AG		3,270,992	3,270,900

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		KIA MOTORS CORP	2,461,236	3,250,377
		CHINA MOBILE LTD HK/00941	3,233,357	3,190,181
		COMCAST CORP	3,226,577	3,183,022
		ABIOMED INC	5,095,930	3,121,456
		GENERAL DYNAMICS CORP	3,398,067	3,110,638
		PHILIP MORRIS INTERNATIONAL IN	2,953,522	3,106,296
		SOLVAY SA	3,358,401	3,103,863
		AMERIS BANCORP	3,547,280	3,053,053
		ADOBE INC	2,615,305	3,038,869
		METHANEX CORP	4,526,652	2,990,978
		KANSAI ELECTRIC POWER CO INC/T	3,525,373	2,918,211
		ALPHABET INC-CL C	1,087,359	2,916,041
		STANDARD CHARTERED PLC	2,744,602	2,914,372
		GILEAD SCIENCES INC	3,305,427	2,893,429
		SPAREBANK 1 SR-BANK ASA	2,761,079	2,882,990
		AMERICAN TOWER CORP	1,524,185	2,840,116
		LINDE PLC	2,091,385	2,805,666
		RECKITT BENCKISER GROUP PLC	2,847,604	2,782,110
		LOOMIS AB	2,402,432	2,773,288
		TAIWAN SEMICONDUCTOR MANUFACTU ADR	1,870,326	2,759,053
		AMBEV SA ADR	2,916,455	2,746,669
		KEYENCE CORP	2,079,950	2,710,149
		FRANKLIN RESOURCES INC	3,228,893	2,669,965
		ANDRITZ AG	3,395,575	2,663,138
		HYUNDAI MOBIS CO LTD	2,386,429	2,638,474
		PUBLICIS GROUPE SA	3,425,041	2,612,098
		OKTA INC	2,082,764	2,587,634
		GREENCORE GROUP PLC	1,667,271	2,533,127
		CANADIAN NATIONAL RAILWAY CO	2,206,224	2,511,915
		SHINHAN FINANCIAL GROUP CO LTD	2,451,714	2,362,742
		PEPTIDREAM INC	1,803,997	2,349,758
		LG UPLUS CORP	2,431,584	2,322,380
		JOHNSON & JOHNSON	1,997,603	2,291,764
		SEA LTD ADR	2,145,900	2,280,434
		IMERYS SA	3,720,149	2,272,342
		KT&G CORP	2,586,117	2,222,908
		BERKSHIRE HATHAWAY INC	1,952,358	2,214,038
		MARTIN MARIETTA MATERIALS INC	1,436,698	2,128,340
		INCHCAPE PLC	2,097,712	2,041,487
		NINTENDO CO LTD	1,550,905	2,023,004
		DEUTSCHE BOERSE AG	1,783,547	1,995,898
		BAIDU INC ADR	3,219,683	1,988,398
		O'REILLY AUTOMOTIVE INC	1,202,169	1,976,114
		CIE GENERALE DES ETABLISSEMENT	1,902,008	1,919,145
		SK HYNIX INC	1,783,273	1,906,166
		ESSILORLUXOTTICA SA	1,540,127	1,887,151
		SIGNATURE AVIATION PLC	2,401,122	1,877,363
		BANK OF AMERICA CORP	1,593,130	1,815,133
		FACEBOOK INC	1,474,682	1,811,742
		BAIDU INC ADR	2,507,967	1,781,987
		HEWLETT PACKARD ENTERPRISE CO	1,709,455	1,736,971
		LINDE PLC	1,553,989	1,714,271
		NTT DOCOMO INC	1,513,810	1,632,567
		VERIZON COMMUNICATIONS INC	1,330,618	1,548,324
		CITIGROUP INC	1,304,722	1,463,585
		PRADA SPA HK/01913	1,235,479	1,398,703
		L BRANDS INC	2,444,672	1,397,396
		CEGEDIM SA	1,470,943	1,319,288
		STARBUCKS CORP	878,264	1,303,854
		ANIMA HOLDING SPA	1,179,524	1,255,550
		DIME COMMUNITY BANCSHARES INC	1,189,643	1,249,013
		SCHLUMBERGER LTD	1,731,080	1,245,396
		BNP PARIBAS SA	1,241,218	1,218,056
		ALIBABA GROUP HOLDING LTD ADR	1,037,050	1,217,454
		NIPPON TELEGRAPH & TELEPHONE C	1,100,472	1,212,649
		AMDOCS LTD	1,020,592	1,185,576
		FREEPORT-MCMORAN INC	1,074,993	1,170,737
		DUNI AB	1,094,114	1,161,303
		ZOOM VIDEO COMMUNICATIONS INC	793,894	1,114,835

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		JPMORGAN CHASE & CO	917,882	1,101,399
		SUMITOMO MITSUI FINANCIAL GROU	1,161,919	1,093,149
		MCKESSON CORP	1,035,447	1,078,343
		APPLE INC	638,290	1,076,227
		WELLS FARGO & CO	1,124,488	1,069,867
		BROOKLINE BANCORP INC	1,137,151	1,068,484
		NOKIA OYJ	1,543,964	1,050,214
		CGG SA	776,196	1,025,790
		LLOYDS BANKING GROUP PLC	1,000,765	1,020,703
		CHEMRING GROUP PLC	911,001	1,020,483
		EOG RESOURCES INC	1,087,989	1,011,988
		MEDIATEK INC	645,482	1,004,115
		STATE STREET CORP	769,125	1,000,852
		ALPHABET INC-CL A	882,341	1,000,524
		CITIZENS FINANCIAL GROUP INC	955,038	990,965
		SAMSUNG ELECTRONICS CO LTD	832,351	978,243
		CREDIT SUISSE GROUP AG	1,095,800	978,000
		CHINA LESSO GROUP HOLDINGS LTD HK/02128	528,030	976,845
		MYLAN NV	1,242,321	959,916
		UNICREDIT SPA	956,340	953,991
		ENI SPA	1,099,021	942,941
		JD.COM INC ADR	849,301	938,034
		INTESA SANPAOLO SPA	930,520	931,896
		NOMURA HOLDINGS INC	822,528	930,627
		CARNIVAL PLC	877,609	929,224
		WIIT SPA	477,552	914,426
		IPSOS	965,176	908,761
		DAI-ICHI LIFE HOLDINGS INC	1,006,066	892,580
		SUBARU CORP	944,473	886,397
		NATIONAL OILWELL VARCO INC	1,099,029	884,290
		YANDEX NV	730,607	880,629
		ECORODOVIAS INFRAESTRUTURA E L	518,967	865,913
		PAYPAL HOLDINGS INC	749,239	864,927
		NINTENDO CO LTD	719,487	861,800
		QUALICORP CONSULTORIA E CORRET	507,913	859,552
		ING GROEP NV	977,874	859,257
		DIRECIONAL ENGENHARIA SA	482,204	857,074
		CHINA YONGDA AUTOMOBILES SERVI HK/03669	806,758	852,824
		TRANSOCEAN LTD	1,180,204	851,276
		SOMERO ENTERPRISES INC	1,099,233	846,422
		HDFC BANK LTD ADR	698,141	838,322
		BAKER HUGHES CO	924,780	836,051
		MARISA LOJAS SA	373,839	832,909
		GENERAL ELECTRIC CO	862,984	828,641
		JAPAN TOBACCO INC	950,525	825,942
		APPLUS SERVICES SA	920,133	820,409
		GAFISA SA	680,881	812,625
		BAYER AG	810,242	812,389
		LAS VEGAS SANDS CORP	669,443	806,870
		ROYAL BANK OF SCOTLAND GROUP P	786,635	801,297
		INDRA SISTEMAS SA	710,618	797,334
		BANK OF KYOTO LTD/THE	843,936	795,767
		YAGEO CORP	628,809	794,492
		HAITONG SECURITIES CO LTD HK/06837	682,728	787,019
		COATS GROUP PLC	809,439	786,137
		VALUE PARTNERS GROUP LTD HK/00806	927,427	785,441
		ANGLO AMERICAN PLC	622,647	785,276
		SAIPEM SPA	762,803	783,584
		SOCIETE GENERALE SA	810,201	778,901
		SPOTIFY TECHNOLOGY SA	867,777	778,408
		DENA CO LTD	892,519	775,317
		MEDIOBANCA BANCA DI CREDITO FI	719,850	775,079
		CAPITA PLC	540,120	774,925
		CHINA OILFIELD SERVICES LTD HK/02883	509,867	772,712
		VEECO INSTRUMENTS INC	726,000	770,287
		ROHM CO LTD	781,354	766,710
		TENCENT HOLDINGS LTD HK/00700	670,886	765,488
		Z HOLDINGS CORP	563,901	765,258
		VAN LANSCHOT KEMPEN NV	906,943	762,215

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		ROCHE HOLDING AG	601,577	761,694
		CEMEX SAB DE CV ADR	1,096,952	758,517
		BANCA FARMAFACTORING SPA	770,396	755,814
		SEMEN INDONESIA PERSERO TBK PT	515,147	750,140
		STMICROELECTRONICS NV	484,970	748,642
		SIME DARBY PROPERTY BHD	928,498	744,779
		KOC HOLDING AS	591,807	735,604
		SIEMENS AG	635,301	729,431
		INTERNATIONAL BUSINESS MACHINE	754,321	727,167
		LANDIS+GYR GROUP AG	477,358	725,339
		EBAY INC	662,902	722,019
		BRIDGESTONE CORP	756,480	719,061
		LVMH MOET HENNESSY LOUIS VUITT	562,946	715,077
		RIO TINTO LTD	610,149	711,478
		DEUTSCHE LUFTHANSA AG	833,260	706,176
		PIONEER NATURAL RESOURCES CO	762,249	705,233
		INDUSTRIAS ROMI SA	346,587	704,338
		BANCO SANTANDER SA	761,828	704,124
		MODERN TIMES GROUP MTG AB	680,521	700,871
		AP MOLLER - MAERSK A/S	616,626	691,798
		QIWI PLC ADR	598,571	690,939
		JAPAN PETROLEUM EXPLORATION CO	561,422	690,656
		AFFILIATED MANAGERS GROUP INC	753,050	690,546
		CIMB GROUP HOLDINGS BHD	726,430	690,154
		CHINASOFT INTERNATIONAL LTD HK/00354	672,267	689,465
		CAMBRIDGE BANCORP	652,497	689,290
		GENEREA SAB DE CV	642,919	689,214
		MANCHESTER UNITED PLC	646,393	688,621
		HOLLYSYS AUTOMATION TECHNOLOGI	853,739	687,677
		PLAYTECH PLC	658,337	686,423
		QUE LTD	729,908	679,927
		MAIL.RU GROUP LTD GDR	783,953	679,280
		CHINA LIFE INSURANCE CO LTD HK/02628	619,115	677,136
		HEIDELBERGCEMENT AG	722,381	676,821
		UBS GROUP AG	770,910	667,524
		FRESENIUS SE & CO KGAA	632,580	666,800
		SNAP INC	492,233	660,238
		BANK OF IRELAND GROUP PLC	753,056	658,970
		MGM CHINA HOLDINGS LTD HK/02282	750,738	654,194
		D'IETTEREN SA/NV	439,729	650,967
		INTEL CORP	544,922	649,073
		DROPBOX INC	990,318	648,360
		EXOR NV	558,126	647,711
		CERVED GROUP SPA	649,961	647,331
		DUFREY AG	623,357	644,331
		VALID SOLUCOES E SERVICOS DE S	653,027	637,462
		MICRON TECHNOLOGY INC	434,334	636,056
		CORP INMOBILIARIA VESTA SAB DE	550,299	632,864
		UBER TECHNOLOGIES INC	652,586	632,719
		GENTING SINGAPORE LTD	814,060	631,578
		CVS HEALTH CORP	553,205	630,871
		ZIONS BANCORP NA	623,906	628,440
		REPSOL SA	744,194	628,193
		SOPRA STERIA GROUP	434,346	627,080
		KGINICIS CO LTD	668,608	625,609
		SOLOCAL GROUP	1,207,668	624,138
		CORP FINANCIERA ALBA SA	630,906	619,472
		WING TAI HOLDINGS LTD	638,675	616,824
		NS SOLUTIONS CORP	523,077	612,836
		ENERPLUS CORP	810,115	612,701
		QUEST DIAGNOSTICS INC	608,151	611,800
		ENAUTA PARTICIPACOES SA	630,267	610,535
		WYNN MACAU LTD HK/01128	524,534	607,975
		BORR DRILLING LTD	898,253	606,715
		DAIBIRU CORP	509,720	605,545
		PING AN HEALTHCARE AND TECHNOL HK/01833	508,583	604,849
		MS&AD INSURANCE GROUP HOLDINGS	566,015	601,418
		SINA CORP/CHINA	959,012	599,828
		SALVATORE FERRAGAMO SPA	633,789	596,995

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	JUMBO SA		468,864	595,687
	TAIHEIYO CEMENT CORP		609,283	594,631
	GENOMMA LAB INTERNACIONAL SAB		518,364	594,273
	STANDARD CHARTERED PLC		565,936	593,412
	SPAREBANKEN VEST		504,646	590,306
	RAKUTEN INC		511,919	589,779
	VIENNA INSURANCE GROUP AG WIEN		577,036	589,447
	CAPRI HOLDINGS LTD		577,082	587,548
	SHANGRI-LA ASIA LTD HK/00069		811,167	587,219
	VOYA FINANCIAL INC		487,197	585,469
	IMMOBILIARE GRANDE DISTRIBUZIONE		681,393	584,104
	BANGKOK BANK PCL		685,249	583,606
	JOHNSON CONTROLS INTERNATIONAL		526,273	583,293
	MAKEMYTRIP LTD		798,765	576,874
	TENARIS SA		735,025	575,236
	B2W CIA DIGITAL		375,807	575,174
	CONTINENTAL AG		708,242	574,444
	NASPERS LTD		789,595	572,390
	INMOBILIARIA COLONIAL SOCIMI S		518,324	569,997
	IQIYI INC ADR		544,308	569,527
	PING AN INSURANCE GROUP CO OF HK/02318		465,594	567,366
	VIACOMCBS INC		577,911	566,049
	STERICYCLE INC		507,009	564,782
	PROSIEBENSAT.1 MEDIA SE		497,277	564,227
	CNOOC LTD HK/00883		531,515	563,189
	SDL PLC		483,424	563,029
	TRIP.COM GROUP LTD ADR		597,501	562,566
	ALPHA BANK AE		552,410	562,242
	ARTISAN PARTNERS ASSET MANAGEM		421,677	561,592
	SUMITOMO MITSUI TRUST HOLDINGS		546,838	561,106
	ALACER GOLD CORP		249,376	560,492
	TOSEI CORP		400,008	560,253
	KION GROUP AG		483,582	558,959
	KANGWON LAND INC		522,175	558,060
	CORP AMERICA AIRPORTS SA		815,308	552,120
	KEPPEL CORP LTD		552,554	548,286
	GEELY AUTOMOBILE HOLDINGS LTD HK/00175		460,004	548,103
	KONINKLIJKE AHOLD DELHAIZE NV		539,578	546,621
	BASF SE		521,249	546,288
	CRITEO SA ADR		760,473	545,860
	BOOKING HOLDINGS INC		492,311	544,238
	PGS ASA		807,722	543,589
	SBI HOLDINGS INC/JAPAN		650,002	543,202
	TOYOTA INDUSTRIES CORP		513,710	542,280
	HEIJMANS NV		775,095	542,243
	BANK OF CHINA LTD HK/03988		580,745	541,806
	XIAOMI CORP HK/01810		510,624	539,541
	DEVON ENERGY CORP		758,188	538,124
	TINGYI CAYMAN ISLANDS HOLDING HK/00322		654,686	535,974
	ORACLE CORP		552,767	535,628
	CIELO SA		600,618	534,800
	RAIFFEISEN BANK INTERNATIONAL		640,046	533,996
	TKH GROUP NV		517,718	533,465
	SHOP APOTHEKE EUROPE NV		543,918	533,161
	UNIVERSAL ENTERTAINMENT CORP		538,424	532,936
	SOUTHWESTERN ENERGY CO		778,429	531,977
	EUROBANK ERGASIAS SA		499,144	529,423
	ARCOS DORADOS HOLDINGS INC		468,641	527,699
	NEINOR HOMES SA		629,643	526,411
	TAKEDA PHARMACEUTICAL CO LTD		534,433	526,178
	KRAFT HEINZ CO/THE		495,715	523,558
	CHINA MERCHANTS BANK CO LTD HK/03968		406,136	515,030
	SONAE SGPS SA		553,810	514,801
	WANT WANT CHINA HOLDINGS LTD HK/00151		455,890	511,071
	BANKINTER SA		657,409	510,517
	NIPPON INDOSARI CORPINDO TBK P		359,652	509,745
	YOMA STRATEGIC HOLDINGS LTD		513,511	508,842
	VICAT SA		663,258	508,095
	VALEO SA		444,535	505,243

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	BORWARNER INC		450,127	504,162
	FEDEX CORP		525,192	503,076
	TWITTER INC		587,337	501,358
	TATA MOTORS LTD ADR		413,931	496,331
	COCA-COLA BOTTLERS JAPAN HOLDI		486,226	493,610
	TAPESTRY INC		609,009	493,578
	PROFARMA DISTRIBUIDORA DE PROD		427,161	490,087
	AUMANN AG		588,881	489,795
	CEMEX LATAM HOLDINGS SA		740,832	487,008
	TOWER BERSAMA INFRASTRUCTURE T		362,956	483,006
	HI SUN TECHNOLOGY CHINA LTD HK/00818		383,846	481,867
	ZYNGA INC		354,547	480,463
	AGC INC/JAPAN		451,539	478,796
	GREENCORE GROUP PLC		-	478,722
	CAIRN HOMES PLC		518,293	478,698
	FINECOBANK BANCA FINECO SPA		469,042	476,237
	MOSAIC CO/THE		554,473	475,647
	MERCADOLIBRE INC		318,084	474,138
	AJINOMOTO CO INC		502,516	470,305
	ECKOH PLC		307,138	469,368
	SCHIBSTED ASA		487,860	469,203
	SOUTH32 LTD		633,324	467,068
	EURAZEO SE		500,647	466,503
	58.COM INC ADR		406,747	462,237
	LI & FUNG LTD		837,909	461,702
	DOWA HOLDINGS CO LTD		391,075	461,215
	NIPPON PARKING DEVELOPMENT CO		522,024	461,113
	GREENTOWN SERVICE GROUP CO LTD HK/02869		348,832	460,528
	IJM CORP BHD		421,178	460,154
	MOMO INC ADR		517,236	459,989
	GINKO INTERNATIONAL CO LTD		392,169	459,983
	FLUOR CORP		778,931	459,086
	ADECCO GROUP AG		391,042	458,415
	SOFTBANK GROUP CORP		431,600	455,141
	HENKEL AG & CO KGAA		441,784	454,289
	GAM HOLDING AG		533,936	453,571
	IPSOS		399,777	452,480
	NICHI-IKO PHARMACEUTICAL CO LT		476,165	452,101
	ARYZTA AG		426,390	449,628
	TINEXTA SPA		333,796	447,701
	FLUOR CORP		925,633	446,890
	SELCUK ECZA DEPOSU TICARET VE		290,809	442,938
	MELCO RESORTS AND ENTERTAINMEN		431,215	442,105
	BOLSA DE VALORES DE COLOMBIA		430,970	436,760
	GENERAL MILLS INC		358,803	436,407
	SEINO HOLDINGS CO LTD		541,749	436,271
	GEA GROUP AG		390,026	435,118
	DOUBLEGAMES CO LTD		467,097	433,819
	ATOS SE		435,942	431,136
	YUM CHINA HOLDINGS INC		327,046	430,458
	HARLEY-DAVIDSON INC		391,397	428,540
	PEUGEOT SA		481,529	425,178
	SWISSCOM AG		370,956	424,013
	TSINGTAO BREWERY CO LTD HK/00168		338,660	422,869
	GRUPO NUTRESA SA		487,125	421,974
	SAMSUNG LIFE INSURANCE CO LTD		489,531	421,830
	MODEC INC		397,940	421,790
	LG CHEM LTD		436,743	421,430
	AUTOHOME INC ADR		409,289	420,373
	MEDIASET SPECIAL VOTING SHARE A		459,030	419,754
	INGENICO GROUP SA		310,564	418,225
	KYOCERA CORP		387,257	417,104
	COCA-COLA ICECEK AS		302,059	415,718
	CHINA PACIFIC INSURANCE GROUP HK/02601		397,398	414,571
	MALAYSIA AIRPORTS HOLDINGS BHD		463,909	414,512
	CJ ENM CO LTD		560,956	413,750
	RALPH LAUREN CORP		415,092	410,036
	CIE DE SAINT-GOBAIN		379,629	409,385
	COSCO CAPITAL INC		359,798	408,509

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		KUNLUN ENERGY CO LTD HK/00135	400,838	408,234
		SOHU.COM LTD ADR	803,437	407,422
		TOYO TANSO CO LTD	496,516	406,443
		PIRAEUS PORT AUTHORITY SA	334,154	402,482
		GRUPO DE INVERSIONES SURAMERIC	467,947	401,141
		DR HORTON INC	302,926	399,634
		CHINA LONGYUAN POWER GROUP COR HK/00916	476,266	397,156
		CK HUTCHISON HOLDINGS LTD HK/00001	368,281	395,635
		SUNCOR ENERGY INC NEW	410,117	394,273
		GENTING BHD	514,867	393,572
		MULTICHOICE GROUP	376,769	393,385
		FANUC CORP	371,577	392,850
		MITSUBISHI ESTATE CO LTD	359,821	392,232
		SIME DARBY BHD	428,624	391,736
		ZHEJIANG EXPRESSWAY CO LTD HK/00576	359,255	390,000
		NORDIC ENTERTAINMENT GROUP AB	312,715	389,294
		PROSUS NV	355,127	388,112
		ZOOPLUS AG	627,852	387,856
		CHINA COMMUNICATIONS CONSTRUCT HK/01800	386,843	386,372
		COLOPL INC	276,808	384,265
		WIRTUALNA POLSKA HOLDING SA	272,720	380,303
		INVERSIONES LA CONSTRUCCION SA	494,523	378,253
		VEON LTD ADR	438,605	377,016
		KT&G CORP	392,521	375,459
		TITAN CEMENT INTERNATIONAL SA	396,198	370,908
		CHINA EVERBRIGHT INTERNATIONAL HK/00257	448,485	370,261
		HYUNDAI GLOVIS CO LTD	341,108	356,248
		ENDESA SA	317,027	355,995
		UBE INDUSTRIES LTD	403,235	354,634
		MEYER BURGER TECHNOLOGY AG	541,429	348,679
		SAMSUNG C&T CORP	374,542	348,547
		INTERTRUST NV	346,673	344,269
		MELCO INTERNATIONAL DEVELOPMEN HK/00200	351,966	344,108
		UNITEDHEALTH GROUP INC	271,030	343,663
		ABSA GROUP LTD	377,494	340,250
		CHINA SANJIANG FINE CHEMICALS HK/02198	462,178	339,305
		OKAMOTO INDUSTRIES INC	432,418	336,900
		LINK NET TBK PT	345,594	331,536
		CJ CORP	371,823	328,947
		QUDIAN INC ADR	434,120	327,232
		APPLIED MATERIALS INC	202,117	326,259
		PRUDENTIAL PLC	321,550	324,406
		CIE FINANCIERE RICHEMONT SA	317,065	324,395
		NXP SEMICONDUCTORS NV	229,930	322,350
		GRUPPO MUTUIONLINE SPA	232,558	320,735
		SAFRAN SA	270,882	317,677
		IBERSOL SGPS SA	421,848	317,650
		HOME24 SE	219,432	315,797
		MINWISE CO LTD	409,892	315,444
		GRESHAM HOUSE PLC	229,663	314,261
		SAMSONITE INTERNATIONAL SA HK/01910	250,417	311,995
		PFIZER INC	290,868	311,912
		DIGITAL VALUE SPA	288,419	311,496
		ETABLISSEMENTS MAUREL ET PROM	582,683	305,456
		TSUMURA & CO	307,652	302,465
		CHINA NEW HIGHER EDUCATION GRO HK/02001	377,907	302,085
		US BANCORP	264,806	301,252
		SJM HOLDINGS LTD HK/00880	309,407	299,393
		SONY CORP	265,507	296,925
		PPC LTD	632,060	295,251
		FOOT LOCKER INC	323,367	292,971
		LIFE HEALTHCARE GROUP HOLDINGS	292,058	290,891
		EXXON MOBIL CORP	288,610	290,773
		NATIONAL GRID PLC	259,365	290,623
		TULLOW OIL PLC	761,807	289,856
		FNAC DARTY SA	340,034	289,406
		TELEFONICA DEUTSCHLAND HOLDING	420,993	289,404
		FOURLIS HOLDINGS SA	289,828	288,789
		BEIJING CAPITAL INTERNATIONAL HK/00694	292,746	285,167

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		CHINA MOBILE LTD HK/00941	275,565	281,610
		HUTCHISON PORT HOLDINGS TRUST	370,191	279,416
		KITZ CORP	262,930	279,302
		NITTO DENKO CORP	249,021	278,079
		MAISONS DU MONDE SA	387,533	276,720
		JUVENTUS FOOTBALL CLUB SPA	204,016	270,461
		KNOW IT AB	231,716	263,514
		FRAPORT AG FRANKFURT AIRPORT S	227,936	260,888
		PEARL ABYSS CORP	278,165	260,076
		DATALOGIC SPA	193,134	251,250
		SANSEI TECHNOLOGIES INC	253,227	249,551
		MEGA MANUNGGAL PROPERTY TBK PT	490,067	244,042
		BLUE APRON HOLDINGS INC	1,088,018	242,934
		SARANTIS SA	206,064	237,122
		FUKUDA DENSHI CO LTD	212,586	235,512
		COSTCO WHOLESALE CORP	186,306	235,430
		TEXWINCA HOLDINGS LTD HK/00321	360,990	230,325
		GRUPO TRAXION SAB DE CV	227,157	225,682
		TECHNOS SA	137,555	222,834
		NAVER CORP	201,001	219,326
		PROSUS NV	239,674	214,968
		WESTROCK CO	199,650	214,550
		CHARLES SCHWAB CORP/THE	191,528	212,593
		ANHEUSER-BUSCH INBEV SA/NV	187,910	212,041
		KASIKORNBANK PCL	271,535	211,025
		DAITO TRUST CONSTRUCTION CO LT	228,369	210,867
		TIONG NAM LOGISTICS HOLDINGS	429,302	210,008
		HENGAN INTERNATIONAL GROUP CO HK/01044	192,127	209,412
		TSUBAKIMOTO CHAIN CO	200,884	206,276
		AIXTRON SE	208,438	201,026
		VITAL KSK HOLDINGS INC	205,523	191,122
		TREND MICRO INC/JAPAN	176,962	185,507
		WAL-MART DE MEXICO SAB DE CV	187,555	182,695
		KASIKORNBANK PCL	181,341	181,480
		SWIRE PACIFIC LTD HK/00087	160,148	166,339
		CHINA RESOURCES MEDICAL HOLDIN HK/01515	178,748	165,444
		IGM FINANCIAL INC	160,929	154,784
		SECOM CO LTD	139,846	152,941
		ALMA MEDIA OYJ	137,153	150,914
		RECKITT BENCKISER GROUP PLC	153,240	148,098
		NOKIA OYJ	186,818	146,843
		PUBLICIS GROUPE SA	141,053	146,196
		DAICEL CORP	122,336	137,067
		SNAM SPA	115,265	136,545
		TREMOR INTERNATIONAL LTD	7,733,136	132,816
		BANCOLOMBIA SA	96,054	118,746
		TELEVISION FRANCAISE 1	126,820	114,140
		INTERCONTINENTAL EXCHANGE INC	95,009	111,153
		ABB LTD	100,741	111,016
		NITORI HOLDINGS CO LTD	95,122	110,950
		ENCE ENERGIA Y CELULOSA SA	109,996	109,004
		CHINA RESOURCES PHARMACEUTICAL HK/03320	100,842	106,213
		CONSORCIO ARA SAB DE CV	130,459	105,358
		BRASIL BROKERS PARTICIPACOES S	66,547	102,623
		PARK24 CO LTD	94,565	98,238
		IMAX CORP	103,557	98,064
		CHOW SANG SANG HOLDINGS INTERN HK/00116	99,270	97,819
		FRASER AND NEAVE LTD	108,912	96,319
		HERIGE SADCS	81,865	95,547
		CHAROEN POKPHAND FOODS PCL	80,462	90,931
		CAIRN HOMES PLC	109,976	78,692
		MAGNA INTL INC	53,359	64,735
		QUALCOMM INC	43,875	62,114
		THALES SA	64,826	61,793
		KUEHNE + NAGEL INTERNATIONAL A	50,158	60,504
		ACACIA COMMUNICATIONS INC	31,401	60,080
		EQUITY COMMONWEALTH	54,031	53,907
		BEC WORLD PCL	46,559	40,535
		BANCO SANTANDER CHILE ADR	47,679	34,535

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		VODAFONE GROUP PLC	30,577	30,404
		CATCHER TECHNOLOGY CO LTD	32,068	30,289
		INTERDIGITAL INC	29,318	29,097
		LI & FUNG LTD	88,340	27,708
		REPSOL SA RTS	18,999	19,075
		XAAR PLC	12,113	3,084
		WILSON SONS LTD	2,400	2,226
		LOJAS AMERICANAS SA RTS	-	1,695
		FRESENIUS KABI PHARMACEUTICALS RTS EXP 12/31/2010	750	750
		Corporate Stock Total	851,381,987	997,652,810
	Corporate Obligations			
		VERIZON COMMUNICATIONS INC 4.812% 03/15/2039 DD 02/03/17	9,807,597	9,808,256
		ANHEUSER-BUSCH INBEV WORLDWIDE 5.450% 01/23/2039 DD 01/23/19	8,567,605	8,532,155
		MICROSOFT CORP 3.750% 02/12/2045 DD 02/12/15	7,012,259	6,914,419
		AT&T INC 4.500% 03/09/2048 DD 09/07/16	6,129,231	6,275,264
		DUKE ENERGY CAROLINAS LLC 6.000% 01/15/2038 DD 01/10/08	5,166,242	6,240,232
		AT&T INC 5.550% 08/15/2041 DD 08/18/11	5,138,495	5,971,705
		WELLS FARGO & CO 4.650% 11/04/2044 DD 11/04/14	5,667,258	5,592,783
		ANHEUSER-BUSCH INBEV WORLDWIDE 4.600% 04/15/2048 DD 04/04/18	5,495,616	5,493,120
		AT&T INC 4.850% 03/01/2039 DD 02/19/19	5,140,280	5,219,226
		FLORIDA POWER & LIGHT CO 5.960% 04/01/2039 DD 03/17/09	3,720,898	4,783,934
		NORTHROP GRUMMAN CORP 4.750% 06/01/2043 DD 05/31/13	4,216,138	4,593,060
		GOLDMAN SACHS GROUP INC/THE VAR RT 10/31/2038 DD 10/31/17	4,186,975	4,580,778
		COMCAST CORP 3.400% 07/15/2046 DD 07/19/16	4,651,975	4,577,515
		LOCKHEED MARTIN CORP 4.070% 12/15/2042 DD 12/14/12	3,987,468	4,533,700
		VERIZON COMMUNICATIONS INC 4.522% 09/15/2048 DD 03/13/15	3,350,614	4,496,213
		CHARTER COMMUNICATIONS OPERATI 5.375% 05/01/2047 DD 11/01/17	4,400,840	4,487,640
		WYETH LLC 5.950% 04/01/2037 DD 03/27/07	3,582,457	4,476,316
		ORACLE CORP 4.125% 05/15/2045 DD 05/05/15	3,929,278	4,463,540
		CONSOLIDATED EDISON CO OF NEW 4.450% 03/15/2044 DD 03/06/14	3,596,976	4,183,200
		HSBC HOLDINGS PLC 6.500% 09/15/2037 DD 09/12/07	3,032,877	4,140,707
		JPMORGAN CHASE & CO VAR RT 10/15/2030 DD 09/12/19	4,100,000	4,100,615
		ANHEUSER-BUSCH COS LLC / ANHEU 4.700% 02/01/2036 DD 02/01/19	3,325,455	3,997,688
		GOLDMAN SACHS GROUP INC/THE 6.250% 02/01/2041 DD 01/28/11	3,050,960	3,978,334
		COMCAST CORP 3.200% 07/15/2036 DD 07/19/16	4,002,405	3,977,502
		INTEL CORP 3.250% 11/15/2049 DD 11/21/19	3,902,774	3,926,868
		BANK OF AMERICA CORP VAR RT 10/22/2030 DD 10/22/19	3,885,000	3,919,149
		AT&T INC 4.500% 03/09/2048 DD 09/07/16	3,040,212	3,723,176
		VERIZON COMMUNICATIONS INC 4.750% 11/01/2041 DD 11/03/11	3,167,831	3,709,416
		MOTIVA ENTERPRISES LLC 144A 6.850% 01/15/2040 DD 01/11/10	3,627,265	3,646,823
		CITIGROUP INC VAR RT 07/24/2028 DD 07/24/17	3,615,992	3,603,553
		GILEAD SCIENCES INC 4.150% 03/01/2047 DD 09/20/16	3,191,948	3,581,703
		JPMORGAN CHASE & CO VAR RT 04/23/2029 DD 04/23/18	3,439,807	3,569,898
		WELLS FARGO BANK NA 5.850% 02/01/2037 DD 01/29/07	2,928,435	3,564,358
		PETROLEOS MEXICANOS 144A 7.690% 01/23/2050 DD 09/23/19	3,405,716	3,525,028
		APPLE INC 3.750% 11/13/2047 DD 11/13/17	3,525,989	3,481,606
		WELLS FARGO BANK NA 6.600% 01/15/2038 DD 12/07/07	2,590,069	3,437,670
		DOMINION ENERGY INC 4.050% 09/15/2042 DD 09/13/12	3,190,266	3,416,742
		AMGEN INC 4.663% 06/15/2051 DD 12/15/16	2,973,096	3,375,629
		HSBC HOLDINGS PLC VAR RT 06/19/2029 DD 06/19/18	3,000,000	3,354,720
		LOCKHEED MARTIN CORP 4.070% 12/15/2042 DD 12/14/12	3,396,782	3,328,901
		VERIZON COMMUNICATIONS INC 3.850% 11/01/2042 DD 11/07/12	2,610,225	3,312,131
		MIDAMERICAN ENERGY CO 4.250% 07/15/2049 DD 01/09/19	3,365,665	3,307,460
		VERIZON COMMUNICATIONS INC 5.250% 03/16/2037 DD 03/16/17	2,599,826	3,290,537
		SHELL INTERNATIONAL FINANCE BV 6.375% 12/15/2038 DD 12/11/08	2,593,534	3,211,098
		VERIZON COMMUNICATIONS INC 4.125% 08/15/2046 DD 08/01/16	3,154,476	3,204,429
		SHELL INTERNATIONAL FINANCE BV 4.375% 05/11/2045 DD 05/11/15	2,634,060	3,151,685
		MICROSOFT CORP 3.500% 11/15/2042 DD 11/07/12	2,834,779	3,147,312
		CSX CORP 4.750% 05/30/2042 DD 11/01/11	2,653,235	3,077,007
		JPMORGAN CHASE & CO VAR RT 01/23/2049 DD 01/23/18	3,091,049	3,066,933
		CVS HEALTH CORP 5.050% 03/25/2048 DD 03/09/18	2,989,113	3,063,303
		UNION PACIFIC CORP 4.375% 11/15/2065 DD 10/29/15	3,140,692	3,054,748
		BRISTOL-MYERS SQUIBB CO 144A 4.250% 10/26/2049 DD 05/16/19	2,704,164	3,045,373
		BANK OF AMERICA CORP VAR RT 12/20/2028 DD 12/20/17	2,840,920	2,999,200
		CVS HEALTH CORP 5.050% 03/25/2048 DD 03/09/18	2,550,006	2,998,126
		ANTHEM INC 4.550% 03/01/2048 DD 03/02/18	2,630,998	2,987,899

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		WELLS FARGO & CO 4.900% 11/17/2045 DD 11/17/15	2,718,008	2,978,687
		GOLDMAN SACHS GROUP INC/THE VAR RT 10/31/2038 DD 10/31/17	2,992,573	2,977,777
		JOHNSON & JOHNSON 4.375% 12/05/2033 DD 12/05/13	2,706,275	2,938,230
		TELEFONICA EMISIONES SA 5.520% 03/01/2049 DD 03/01/19	2,806,034	2,935,694
		AT&T INC VAR RT 12/15/2043 DD 06/05/19	2,709,503	2,922,701
		AT&T INC 4.350% 06/15/2045 DD 06/15/13	2,525,727	2,914,947
		CITIGROUP INC VAR RT 04/24/2048 DD 04/25/17	2,860,331	2,865,731
		NEW YORK LIFE INSURANCE C 144A 6.750% 11/15/2039 DD 10/08/09	2,494,385	2,837,736
		ABBOTT LABORATORIES 4.750% 11/30/2036 DD 11/22/16	2,240,568	2,828,108
		ENERGY TRANSFER OPERATING LP 6.250% 04/15/2049 DD 01/15/19	2,861,846	2,811,867
		WYETH LLC 5.950% 04/01/2037 DD 03/27/07	2,563,593	2,807,089
		KINDER MORGAN ENERGY PARTNERS 5.500% 03/01/2044 DD 02/24/14	2,474,709	2,806,421
		BURLINGTON NORTHERN SANTA FE L 3.900% 08/01/2046 DD 05/16/16	2,863,548	2,801,022
		BERKSHIRE HATHAWAY ENERGY CO 4.450% 01/15/2049 DD 07/25/18	2,860,984	2,796,994
		NORTHWESTERN MUTUAL LIFE 144A 3.625% 09/30/2059 DD 09/20/19	2,809,882	2,790,179
		JPMORGAN CHASE & CO VAR RT 07/24/2038 DD 07/24/17	2,809,808	2,783,929
		ORACLE CORP 4.000% 11/15/2047 DD 11/09/17	2,802,981	2,763,362
		UNITEDHEALTH GROUP INC 3.500% 08/15/2039 DD 07/25/19	2,765,153	2,746,247
		CONSOLIDATED EDISON CO OF NEW 4.125% 05/15/2049 DD 05/09/19	2,796,269	2,738,748
		PFIZER INC 4.000% 12/15/2036 DD 11/21/16	2,748,605	2,721,960
		MEXICO GOVERNMENT INTERNATIONAL 4.600% 01/23/2046 DD 01/23/15	2,406,677	2,707,075
		EXELON GENERATION CO LLC 6.250% 10/01/2039 DD 09/23/09	2,531,031	2,702,733
		HUMANA INC 3.850% 10/01/2024 DD 09/19/14	2,624,967	2,695,035
		BIOGEN INC 5.200% 09/15/2045 DD 09/15/15	2,204,327	2,681,205
		ANHEUSER-BUSCH INBEV WORLDWIDE 5.550% 01/23/2049 DD 01/23/19	2,188,947	2,663,606
		ANTHEM INC 4.650% 08/15/2044 DD 08/12/14	2,659,968	2,658,175
		JPMORGAN CHASE & CO VAR RT 07/24/2048 DD 07/24/17	2,344,035	2,634,569
		ANHEUSER-BUSCH INBEV WORLDWIDE 4.439% 10/06/2048 DD 04/06/17	2,331,117	2,632,419
		LOWE'S COS INC 4.050% 05/03/2047 DD 05/03/17	2,487,685	2,625,226
		INTERNATIONAL BUSINESS MACHINE 4.250% 05/15/2049 DD 05/15/19	2,378,295	2,603,647
		VIACOMCBS INC 5.250% 04/01/2044 DD 03/11/14	2,642,269	2,558,770
		DUPONT DE NEMOURS INC 5.419% 11/15/2048 DD 11/28/18	2,087,118	2,554,132
		MICROSOFT CORP 3.450% 08/08/2036 DD 08/08/16	2,311,022	2,542,743
		BERKSHIRE HATHAWAY ENERGY CO 3.800% 07/15/2048 DD 01/05/18	2,330,660	2,529,352
		DUKE ENERGY PROGRESS LLC 4.150% 12/01/2044 DD 11/20/14	2,597,777	2,515,518
		KINDER MORGAN INC/DE 5.550% 06/01/2045 DD 11/26/14	2,102,889	2,511,090
		PETROLEOS MEXICANOS 6.350% 02/12/2048	2,271,880	2,509,000
		UNITED TECHNOLOGIES CORP 4.450% 11/16/2038 DD 08/16/18	2,529,074	2,508,744
		AT&T INC 5.550% 08/15/2041 DD 08/18/11	2,157,782	2,502,487
		MICROSOFT CORP 4.100% 02/06/2037 DD 02/06/17	2,100,432	2,490,236
		PFIZER INC 4.200% 09/15/2048 DD 09/07/18	2,104,978	2,475,916
		JPMORGAN CHASE & CO 5.600% 07/15/2041 DD 07/21/11	1,938,775	2,465,172
		BROADCOM CORP / BROADCOM CAYMA 3.875% 01/15/2027 DD 01/15/18	2,276,086	2,461,861
		COMCAST CORP 4.650% 07/15/2042 DD 07/02/12	2,254,600	2,446,925
		ANHEUSER-BUSCH COS LLC / ANHEU 4.900% 02/01/2046 DD 02/01/19	1,956,401	2,437,477
		WALT DISNEY CO/THE 6.200% 12/15/2034 DD 06/15/19	2,471,750	2,436,790
		PPL ELECTRIC UTILITIES CORP 4.125% 06/15/2044 DD 06/05/14	2,164,783	2,430,646
		ALTRIA GROUP INC 5.800% 02/14/2039 DD 02/14/19	2,455,615	2,429,514
		ORACLE CORP 6.500% 04/15/2038 DD 04/09/08	1,993,474	2,425,550
		VERIZON COMMUNICATIONS INC 4.272% 01/15/2036 DD 07/15/15	2,016,052	2,423,657
		BERKSHIRE HATHAWAY FINANCE COR 4.200% 08/15/2048 DD 08/15/18	2,429,560	2,421,239
		AVALONBAY COMMUNITIES INC 4.350% 04/15/2048 DD 03/26/18	2,031,215	2,397,596
		BANK OF AMERICA CORP VAR RT 04/24/2038 DD 04/24/17	2,374,868	2,386,544
		BANK OF AMERICA CORP 4.750% 04/21/2045 DD 04/21/15	1,810,757	2,385,691
		AMGEN INC 4.563% 06/15/2048 DD 12/15/16	2,367,737	2,377,231
		MICROSOFT CORP 3.750% 02/12/2045 DD 02/12/15	1,930,078	2,354,087
		GEORGIA POWER CO 4.300% 03/15/2042 DD 03/06/12	2,143,906	2,353,751
		JPMORGAN CHASE & CO VAR RT 05/01/2028 DD 04/25/17	2,205,564	2,353,482
		VISA INC 4.300% 12/14/2045 DD 12/14/15	1,913,558	2,347,982
		ORACLE CORP 3.850% 07/15/2036 DD 07/07/16	2,171,693	2,333,288
		PETROLEOS MEXICANOS 6.350% 02/12/2048 DD 08/12/18	2,180,711	2,328,545
		UNITEDHEALTH GROUP INC 6.875% 02/15/2038 DD 02/07/08	1,679,596	2,327,431
		ORACLE CORP 3.800% 11/15/2037 DD 11/09/17	2,342,691	2,317,075
		CHARTER COMMUNICATIONS OPERATI 5.375% 05/01/2047 DD 11/01/17	2,114,421	2,316,744
		WALMART INC 4.000% 04/11/2043 DD 04/11/13	1,977,478	2,297,390
		JOHNSON & JOHNSON 3.700% 03/01/2046 DD 03/01/16	2,323,291	2,294,692
		UNITED TECHNOLOGIES CORP 4.050% 05/04/2047 DD 05/04/17	2,279,660	2,294,300
		MORGAN STANLEY VAR RT 07/22/2038 DD 07/24/17	2,209,749	2,294,091
		ANHEUSER-BUSCH INBEV WORLDWIDE 4.439% 10/06/2048 DD 04/06/17	2,008,248	2,292,571

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(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(d) Cost	(e) Current value
		GE CAPITAL INTERNATIONAL FUNDI 4.418% 11/15/2035 DD 05/15/16	2,228,296	2,289,222
		GENERAL ELECTRIC CO 5.875% 01/14/2038 DD 01/14/08	2,187,760	2,274,313
		COMCAST CORP 4.700% 10/15/2048 DD 10/05/18	1,836,664	2,271,977
		CORNING INC 5.450% 11/15/2079 DD 11/19/19	2,078,195	2,267,954
		TIME WARNER CABLE LLC 6.750% 06/15/2039 DD 06/29/09	2,206,439	2,255,348
		COLOMBIA GOVERNMENT INTERNATIO 5.000% 06/15/2045 DD 01/28/15	1,965,495	2,253,310
		ELECTRICITE DE FRANCE SA 144A 5.000% 09/21/2048 DD 09/21/18	1,814,872	2,230,686
		TRANSCANADA PIPELINES LTD 5.100% 03/15/2049 DD 10/12/18	2,207,262	2,227,413
		MARATHON OIL CORP 6.600% 10/01/2037 DD 09/27/07	2,006,366	2,226,446
		UNITED TECHNOLOGIES CORP 4.500% 06/01/2042 DD 06/01/12	1,873,931	2,223,997
		GENERAL MOTORS CO 5.000% 04/01/2035 DD 11/12/14	2,126,608	2,222,498
		GE CAPITAL INTERNATIONAL FUNDI 4.418% 11/15/2035 DD 05/15/16	1,750,385	2,215,411
		UNION PACIFIC CORP 4.150% 01/15/2045 DD 08/12/14	1,984,211	2,211,140
		MARSH & MCLENNAN COS INC 4.900% 03/15/2049 DD 01/15/19	1,733,144	2,203,502
		EMERA US FINANCE LP 4.750% 06/15/2046 DD 12/15/16	1,935,945	2,188,337
		FEDEX CORP 4.050% 02/15/2048 DD 01/31/18	2,250,598	2,183,680
		ENTERPRISE PRODUCTS OPERATING 4.800% 02/01/2049 DD 10/11/18	2,141,483	2,161,540
		TIME WARNER CABLE LLC 5.875% 11/15/2040 DD 11/15/10	2,053,505	2,157,808
		CSX CORP 4.100% 03/15/2044 DD 10/22/12	2,187,618	2,150,157
		GOLDMAN SACHS GROUP INC/THE VAR RT 06/05/2028 DD 06/05/17	2,015,000	2,143,940
		EXELON CORP 5.100% 06/15/2045 DD 12/15/15	1,754,086	2,122,718
		MIDAMERICAN ENERGY CO 4.400% 10/15/2044 DD 04/03/14	1,779,242	2,112,272
		TRANSCANADA PIPELINES LTD 6.200% 10/15/2037 DD 10/05/07	1,949,887	2,100,921
		BANK OF AMERICA CORP VAR RT 07/23/2030 DD 07/23/19	2,030,000	2,100,197
		HOME DEPOT INC/THE 5.875% 12/16/2036 DD 12/19/06	2,126,511	2,098,330
		SHELL INTERNATIONAL FINANCE BV 4.375% 05/11/2045 DD 05/11/15	2,135,956	2,095,154
		MICROSOFT CORP 4.250% 02/06/2047 DD 02/06/17	1,702,629	2,079,867
		ANHEUSER-BUSCH INBEV WORLDWIDE 5.550% 01/23/2049 DD 01/23/19	1,638,064	2,078,912
		ORACLE CORP 4.300% 07/08/2034 DD 07/08/14	1,789,359	2,076,697
		WASTE MANAGEMENT INC 4.100% 03/01/2045 DD 02/26/15	1,847,472	2,073,798
		AMAZON.COM INC 4.050% 08/22/2047 DD 02/22/18	2,129,279	2,071,256
		ANGLO AMERICAN CAPITAL PL 144A 4.750% 04/10/2027 DD 04/10/17	2,025,837	2,067,433
		GILEAD SCIENCES INC 4.500% 02/01/2045 DD 11/17/14	2,022,819	2,051,813
		ABBVIE INC 144A 4.250% 11/21/2049 DD 11/21/19	1,921,566	2,049,313
		CITIGROUP INC 3.200% 10/21/2026 DD 10/21/16	1,898,957	2,044,052
		NATIONAL AUSTRALIA BANK LTD/NE 2.625% 07/23/2020 DD 07/23/15	2,069,199	2,037,816
		CANADIAN NATURAL RESOURCES LTD 6.750% 02/01/2039 DD 01/17/08	1,578,885	2,034,555
		APPLE INC 3.450% 02/09/2045 DD 02/09/15	1,868,505	2,029,162
		COMCAST CORP 4.049% 11/01/2052 DD 10/19/17	1,873,251	2,025,629
		EMERA US FINANCE LP 4.750% 06/15/2046 DD 12/15/16	2,058,146	2,014,659
		CORNING INC 5.850% 11/15/2068 DD 11/06/18	1,682,523	2,011,452
		WALT DISNEY CO/THE 6.400% 12/15/2035 DD 06/15/19	1,905,183	2,006,932
		AMERICAN INTERNATIONAL GROUP I 3.875% 01/15/2035 DD 01/15/15	1,823,523	2,006,859
		MORGAN STANLEY 7.250% 04/01/2032 DD 04/03/02	1,615,968	2,003,400
		METLIFE INC 4.875% 11/13/2043 DD 11/13/13	1,604,922	2,002,713
		GE CAPITAL INTERNATIONAL FUNDI 4.418% 11/15/2035 DD 05/15/16	1,625,193	1,995,046
		MORGAN STANLEY VAR RT 07/22/2038 DD 07/24/17	1,988,932	1,994,137
		GOLDMAN SACHS GROUP INC/THE 6.250% 02/01/2041 DD 01/28/11	1,623,196	1,992,663
		CITIGROUP INC VAR RT 04/24/2048 DD 04/25/17	1,675,000	1,991,743
		NORTHROP GRUMMAN CORP 4.030% 10/15/2047 DD 10/13/17	1,742,388	1,988,420
		ABBVIE INC 4.500% 05/14/2035 DD 05/14/15	1,731,347	1,985,016
		LOWE'S COS INC 4.050% 05/03/2047 DD 05/03/17	1,934,790	1,971,621
		CITIGROUP INC 5.875% 01/30/2042 DD 01/26/12	1,485,640	1,970,864
		ABBVIE INC 4.875% 11/14/2048 DD 09/18/18	1,677,084	1,958,301
		EQUINOR ASA 3.950% 05/15/2043 DD 05/15/13	2,010,628	1,953,963
		ASTRAZENECA PLC 6.450% 09/15/2037 DD 09/12/07	1,602,970	1,953,501
		BURLINGTON NORTHERN SANTA FE L 4.375% 09/01/2042 DD 08/23/12	1,672,396	1,952,966
		GOLDMAN SACHS GROUP INC/THE 5.150% 05/22/2045 DD 05/22/15	1,922,612	1,948,345
		DUKE ENERGY CAROLINAS LLC 3.750% 06/01/2045 DD 03/12/15	1,999,146	1,947,721
		NATIONWIDE MUTUAL INSURAN 144A 9.375% 08/15/2039 DD 08/10/09	1,974,215	1,946,546
		WALGREENS BOOTS ALLIANCE INC 4.500% 11/18/2034 DD 11/18/14	1,857,430	1,945,736
		GENERAL ELECTRIC CO 5.875% 01/14/2038 DD 01/14/08	1,636,710	1,935,172
		GENERAL MOTORS CO 5.950% 04/01/2049 DD 09/10/18	1,920,268	1,934,524
		KRAFT HEINZ FOODS CO 4.375% 06/01/2046 DD 05/24/16	1,881,429	1,922,252
		ISRAEL ST AID 5.500% 09/18/2033 DD 09/18/03	1,485,786	1,922,040
		PEPSICO INC 4.250% 10/22/2044 DD 10/22/14	1,790,129	1,919,457
		DOMINION ENERGY INC 4.700% 12/01/2044 DD 11/25/14	1,643,928	1,915,254
		MERCK & CO INC 3.700% 02/10/2045 DD 02/10/15	1,956,337	1,913,864
		CONSOLIDATED EDISON CO OF NEW 5.500% 12/01/2039 DD 12/04/09	1,767,887	1,913,533

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	WALMART INC 4.050% 06/29/2048 DD 06/27/18	1,584,119	1,902,471
	HOME DEPOT INC/THE 4.200% 04/01/2043 DD 04/05/13	1,595,156	1,897,630
	ABBOTT LABORATORIES 4.750% 11/30/2036 DD 11/22/16	1,608,340	1,893,767
	GENERAL ELECTRIC CO 6.750% 03/15/2032 DD 03/20/02	1,585,430	1,880,815
	VODAFONE GROUP PLC 4.375% 02/19/2043 DD 02/19/13	1,633,380	1,879,465
	URUGUAY GOVERNMENT INTERNATIONAL 5.100% 06/18/2050	1,564,041	1,877,531
	AMERICAN EXPRESS CO 3.000% 10/30/2024 DD 10/30/17	1,808,860	1,871,395
	AT&T INC 144A 0.000% 11/27/2022 DD 11/27/07	1,542,500	1,870,080
	SOUTHERN CALIFORNIA EDISON CO 3.600% 02/01/2045 DD 01/16/15	1,906,778	1,869,848
	SOUTHERN CALIFORNIA EDISON CO 4.500% 09/01/2040 DD 08/30/10	1,721,828	1,867,705
	NUTRIEN LTD 4.125% 03/15/2035 DD 03/15/18	1,710,940	1,867,699
	SOUTHERN CO/THE 4.400% 07/01/2046 DD 05/24/16	1,882,814	1,857,692
	UNITED TECHNOLOGIES CORP 4.625% 11/16/2048 DD 08/16/18	1,475,806	1,848,441
	APPLE INC 4.650% 02/23/2046 DD 02/23/16	1,628,559	1,844,483
	ABBOTT LABORATORIES 4.750% 11/30/2036 DD 11/22/16	1,839,804	1,843,601
	OGLETHORPE POWER CORP 5.050% 10/01/2048 DD 04/01/19	1,945,932	1,826,071
	PACIFICORP 6.250% 10/15/2037 DD 10/03/07	1,857,381	1,809,896
	CVS HEALTH CORP 3.875% 07/20/2025 DD 07/20/15	1,761,783	1,805,361
	APPLE INC 3.750% 11/13/2047 DD 11/13/17	1,591,839	1,782,449
	COMCAST CORP 4.950% 10/15/2058 DD 10/05/18	1,759,096	1,778,895
	SUNOCO LOGISTICS PARTNERS OPER 4.950% 01/15/2043 DD 01/10/13	1,810,888	1,777,858
	PARKER-HANNIFIN CORP 4.200% 11/21/2034 DD 11/21/14	1,603,283	1,777,168
	DEUTSCHE TELEKOM INTERNATIONAL VAR RT 06/15/2030 DD 07/06/00	1,609,859	1,775,206
	AT&T INC 5.250% 03/01/2037 DD 02/09/17	1,503,587	1,774,248
	BANK OF AMERICA CORP VAR RT 01/20/2048 DD 01/20/17	1,636,036	1,768,754
	ENTERPRISE PRODUCTS OPERATING 4.800% 02/01/2049 DD 10/11/18	1,490,850	1,762,125
	SHELL INTERNATIONAL FINANCE BV 6.375% 12/15/2038 DD 12/11/08	1,549,051	1,751,508
	ANHEUSER-BUSCH INBEV WORLDWIDE 5.450% 01/23/2039 DD 01/23/19	1,381,150	1,742,926
	UNITEDHEALTH GROUP INC 4.250% 06/15/2048 DD 06/19/18	1,739,633	1,737,893
	REYNOLDS AMERICAN INC 5.850% 08/15/2045 DD 06/12/15	1,701,393	1,727,273
	NUTRIEN LTD 5.000% 04/01/2049 DD 04/01/19	1,733,847	1,723,379
	MIDAMERICAN ENERGY CO 5.750% 11/01/2035 DD 11/01/05	1,561,001	1,713,855
	PETROLEOS MEXICANOS 144A 7.690% 01/23/2050 DD 09/23/19	1,590,493	1,707,947
	PECO ENERGY CO 3.700% 09/15/2047 DD 09/18/17	1,740,076	1,702,927
	METLIFE INC 5.875% 02/06/2041 DD 08/06/10	1,473,570	1,702,613
	PHILLIPS 66 4.650% 11/15/2034 DD 11/17/14	1,427,178	1,698,337
	CIGNA CORP 4.800% 08/15/2038 DD 08/15/19	1,658,075	1,691,309
	MORGAN STANLEY 6.375% 07/24/2042 DD 07/24/12	1,394,621	1,688,016
	BOEING CO/THE 3.825% 03/01/2059 DD 02/15/19	1,703,104	1,672,896
	MORGAN STANLEY VAR RT 07/22/2038 DD 07/24/17	1,505,000	1,671,965
	GLAXOSMITHKLINE CAPITAL INC 6.375% 05/15/2038 DD 05/13/08	1,468,035	1,665,702
	PUBLIC SERVICE ELECTRIC & GAS 4.050% 05/01/2048 DD 05/04/18	1,436,055	1,662,400
	ABBVIE INC 4.875% 11/14/2048 DD 09/18/18	1,478,310	1,657,913
	ALTRIA GROUP INC 3.875% 09/16/2046 DD 09/16/16	1,670,497	1,652,510
	CLEVELAND ELECTRIC ILLUMINATING 5.950% 12/15/2036 DD 12/11/06	1,644,239	1,651,740
	BURLINGTON NORTHERN SANTA FE L 4.550% 09/01/2044 DD 08/18/14	1,642,191	1,651,696
	SUNCOR ENERGY INC 6.500% 06/15/2038 DD 06/28/07	1,505,945	1,649,603
	BANK OF AMERICA CORP 6.110% 01/29/2037 DD 01/29/07	1,348,686	1,649,111
	SHELL INTERNATIONAL FINANCE BV 5.500% 03/25/2040 DD 03/25/10	1,636,155	1,641,101
	CONOCOPHILLIPS 5.900% 05/15/2038 DD 05/08/08	1,468,533	1,635,924
	DUPONT DE NEMOURS INC 5.319% 11/15/2038 DD 11/28/18	1,370,000	1,635,328
	MEXICO GOVERNMENT INTERNATIONAL 4.750% 03/08/2044 DD 03/08/12	1,457,138	1,624,350
	COMCAST CORP 4.000% 03/01/2048 DD 02/08/18	1,433,618	1,620,848
	BANK OF AMERICA CORP VAR RT 03/15/2050 DD 03/15/19	1,599,370	1,615,437
	DELL INTERNATIONAL LLC / 144A 8.350% 07/15/2046 DD 06/01/16	1,454,996	1,605,300
	DUKE ENERGY PROGRESS LLC 3.600% 09/15/2047 DD 09/08/17	1,527,751	1,604,970
	GENERAL MOTORS CO 5.150% 04/01/2038 DD 08/07/17	1,610,784	1,600,979
	ABBVIE INC 4.400% 11/06/2042 DD 05/06/13	1,465,596	1,596,137
	DISCOVERY COMMUNICATIONS LLC 5.200% 09/20/2047 DD 09/21/17	1,527,816	1,592,346
	BRITISH TELECOMMUNICATIONS PLC VAR RT 12/15/2030 DD 12/12/00	1,351,936	1,591,768
	NOBLE ENERGY INC 5.250% 11/15/2043 DD 11/08/13	1,529,277	1,583,112
	APPLE INC 4.650% 02/23/2046 DD 02/23/16	1,252,730	1,580,985
	CVS HEALTH CORP 4.780% 03/25/2038 DD 03/09/18	1,549,269	1,580,249
	PUBLIC SERVICE CO OF COLORADO 4.300% 03/15/2044 DD 03/10/14	1,350,000	1,580,133
	DUKE ENERGY CAROLINAS LLC 4.250% 12/15/2041 DD 12/08/11	1,363,366	1,577,961
	METLIFE INC 6.500% 12/15/2032 DD 12/10/02	1,211,584	1,571,626
	WALMART INC 4.050% 06/29/2048 DD 06/27/18	1,617,811	1,570,576
	SIMON PROPERTY GROUP LP 3.250% 09/13/2049 DD 09/13/19	1,603,576	1,566,594
	NORFOLK SOUTHERN CORP 4.150% 02/28/2048 DD 02/28/18	1,330,970	1,560,200

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		PRUDENTIAL FINANCIAL INC 4.600% 05/15/2044 DD 05/15/14	1,366,530	1,558,814
		FIRSTENERGY TRANSMISSION 144A 5.450% 07/15/2044 DD 05/19/14	1,599,967	1,558,187
		STRYKER CORP 4.375% 05/15/2044 DD 05/01/14	1,358,871	1,550,831
		ABU DHABI GOVERNMENT INTE 144A 3.125% 09/30/2049 DD 09/30/19	1,544,701	1,545,375
		VODAFONE GROUP PLC 5.250% 05/30/2048 DD 05/30/18	1,257,587	1,537,562
		SUNCOR ENERGY INC 5.950% 12/01/2034 DD 12/01/03	1,373,390	1,534,397
		ALTRIA GROUP INC 5.950% 02/14/2049 DD 02/14/19	1,438,601	1,533,775
		ABBVIE INC 4.500% 05/14/2035 DD 05/14/15	1,459,327	1,528,237
		KRAFT HEINZ FOODS CO 5.000% 07/15/2035 DD 07/15/16	1,361,924	1,527,694
		ABBVIE INC 144A 4.050% 11/21/2039 DD 11/21/19	1,444,882	1,524,037
		REYNOLDS AMERICAN INC 5.850% 08/15/2045 DD 06/12/15	1,488,133	1,509,212
		MCDONALD'S CORP 4.450% 03/01/2047 DD 03/09/17	1,526,127	1,506,618
		INTERNATIONAL BUSINESS MACHINE 4.150% 05/15/2039 DD 05/15/19	1,523,371	1,505,920
		TEXAS HEALTH RESOURCES 3.372% 11/15/2051 DD 09/18/19	1,540,000	1,501,793
		EQUINOR ASA 3.950% 05/15/2043 DD 05/15/13	1,340,637	1,501,760
		AMAZON.COM INC 4.050% 08/22/2047 DD 02/22/18	1,289,149	1,500,484
		INTERNATIONAL PAPER CO 4.800% 06/15/2044 DD 06/10/14	1,484,522	1,494,694
		AT&T INC 4.500% 03/09/2048 DD 09/07/16	1,334,280	1,490,375
		TRANSCANADA PIPELINES LTD 7.250% 08/15/2038 DD 08/11/08	1,164,277	1,482,109
		KREDITANSTALT FUER WIEDERAUFBA 1.625% 05/29/2020 DD 05/31/17	1,467,780	1,469,691
		COMCAST CORP 4.600% 08/15/2045 DD 05/27/15	1,416,329	1,466,830
		SUNCOR ENERGY INC 4.000% 11/15/2047 DD 11/15/17	1,461,669	1,462,704
		CITIGROUP INC 4.750% 05/18/2046 DD 05/18/16	1,206,909	1,459,279
		AMERICA MOVIL SAB DE CV 6.375% 03/01/2035 DD 02/25/05	972,558	1,457,374
		COMCAST CORP 7.050% 03/15/2033 DD 03/14/03	1,240,949	1,456,281
		ABBVIE INC 144A 4.250% 11/21/2049 DD 11/21/19	1,364,013	1,454,693
		WALMART INC 4.050% 06/29/2048 DD 06/27/18	1,209,063	1,452,042
		COMCAST CORP 4.700% 10/15/2048 DD 10/05/18	1,166,989	1,450,855
		UNILEVER CAPITAL CORP 1.800% 05/05/2020 DD 05/05/17	1,444,335	1,445,723
		NESTLE HOLDINGS INC 144A 3.900% 09/24/2038 DD 09/24/18	1,266,317	1,444,710
		UNITEDHEALTH GROUP INC 4.625% 07/15/2035 DD 07/23/15	1,179,858	1,433,370
		ANTHEM INC 4.650% 01/15/2043 DD 09/10/12	1,251,489	1,432,941
		TELEFONICA EMISIONES SA 5.213% 03/08/2047 DD 03/08/17	1,231,813	1,432,600
		TELEFONICA EMISIONES SA 4.665% 03/06/2038 DD 03/06/18	1,404,763	1,432,051
		NBCUNIVERSAL MEDIA LLC 4.450% 01/15/2043 DD 10/05/12	1,219,120	1,428,681
		CREDIT SUISSE GROUP FUNDING GU 4.875% 05/15/2045 DD 11/15/15	1,130,445	1,420,414
		ALABAMA POWER CO 4.300% 07/15/2048 DD 06/28/18	1,485,313	1,419,787
		ENI SPA 144A 5.700% 10/01/2040 DD 10/01/10	1,158,208	1,407,437
		KRAFT HEINZ FOODS CO 6.875% 01/26/2039 DD 07/26/12	1,446,480	1,405,620
		WACHOVIA CORP 5.500% 08/01/2035 DD 08/01/05	1,203,158	1,403,787
		TYSON FOODS INC 5.100% 09/28/2048 DD 09/28/18	1,356,558	1,397,668
		GOLDMAN SACHS GROUP INC/THE 6.750% 10/01/2037 DD 10/03/07	1,023,462	1,396,076
		BALTIMORE GAS & ELECTRIC CO 6.350% 10/01/2036 DD 04/01/07	1,232,000	1,392,590
		UNITEDHEALTH GROUP INC 4.200% 01/15/2047 DD 12/20/16	1,200,961	1,389,274
		VERIZON COMMUNICATIONS INC 4.500% 08/10/2033 DD 08/10/17	1,186,644	1,389,099
		HOME DEPOT INC/THE 5.875% 12/16/2036 DD 12/19/06	1,083,928	1,380,480
		SEMPRA ENERGY 3.800% 02/01/2038 DD 01/12/18	1,381,428	1,380,311
		BP CAPITAL MARKETS PLC 3.723% 11/28/2028 DD 11/28/16	1,265,000	1,379,622
		VODAFONE GROUP PLC 5.250% 05/30/2048 DD 05/30/18	1,355,611	1,375,397
		SHELL INTERNATIONAL FINANCE BV 4.375% 05/11/2045 DD 05/11/15	1,143,296	1,372,893
		BANK OF AMERICA CORP VAR RT 04/24/2038 DD 04/24/17	1,190,000	1,371,975
		WILLIAMS COS INC/THE 6.300% 04/15/2040 DD 02/09/10	1,360,028	1,368,503
		AMERICAN AIRLINES 2017-1 CLASS 3.650% 08/15/2030 DD 01/13/17	1,296,850	1,366,854
		GILEAD SCIENCES INC 4.500% 02/01/2045 DD 11/17/14	1,203,709	1,354,313
		KINDER MORGAN ENERGY PARTNERS 5.400% 09/01/2044 DD 09/11/14	1,204,587	1,353,906
		CITIGROUP INC 5.875% 01/30/2042 DD 01/26/12	1,090,238	1,351,450
*		BANK OF NEW YORK MELLON CORP/T VAR RT 02/07/2028 DD 02/07/17	1,270,000	1,347,610
		PHILIP MORRIS INTERNATIONAL IN 6.375% 05/16/2038 DD 05/16/08	1,045,697	1,347,294
		BECTON DICKINSON AND CO 4.669% 06/06/2047 DD 06/06/17	1,223,868	1,341,225
		ABBVIE INC 144A 4.250% 11/21/2049 DD 11/21/19	1,254,494	1,337,893
		CVS HEALTH CORP 4.780% 03/25/2038 DD 03/09/18	1,190,335	1,335,822
		KRAFT HEINZ FOODS CO 144A 4.875% 10/01/2049 DD 09/25/19	1,258,476	1,329,930
		COMCAST CORP 3.900% 03/01/2038 DD 02/08/18	1,156,850	1,329,588
		ENERGY TRANSFER OPERATING LP 6.250% 04/15/2049 DD 01/15/19	1,119,862	1,327,491
		AT&T INC 5.150% 03/15/2042 DD 03/15/16	1,174,324	1,326,236
		CONOCOPHILLIPS HOLDING CO 6.950% 04/15/2029 DD 04/20/99	1,293,201	1,325,932
		NOBLE ENERGY INC 5.050% 11/15/2044 DD 11/07/14	1,158,455	1,317,744
		ENCANA CORP 6.500% 02/01/2038 DD 12/04/07	1,271,000	1,317,350
		GEORGIA POWER CO 4.300% 03/15/2043 DD 03/15/13	1,152,421	1,317,113

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		GOLDMAN SACHS GROUP INC/THE VAR RT 05/01/2029 DD 04/23/18	1,159,631	1,312,070
		CIGNA CORP 144A 3.875% 10/15/2047 DD 04/15/19	1,244,684	1,311,427
		WESTERN MIDSTREAM OPERATING LP 5.300% 03/01/2048 DD 03/02/18	1,332,365	1,302,916
		NISOURCE INC 3.950% 03/30/2048 DD 09/14/17	1,233,666	1,302,443
		WALMART INC 3.950% 06/28/2038 DD 06/27/18	1,108,386	1,297,453
		AT&T INC 4.850% 07/15/2045 DD 01/15/19	1,134,206	1,296,352
		KINDER MORGAN ENERGY PARTNERS 5.800% 03/15/2035 DD 03/15/05	1,274,327	1,295,470
		DUPONT DE NEMOURS INC 5.319% 11/15/2038 DD 11/28/18	1,323,912	1,295,132
		US BANK NA/CINCINNATI OH VAR RT 10/23/2020 DD 10/24/17	1,290,000	1,290,542
		MORGAN STANLEY VAR RT 01/23/2030 DD 01/23/19	1,140,000	1,289,431
		PHILIP MORRIS INTERNATIONAL IN 3.875% 08/21/2042 DD 08/21/12	1,070,510	1,286,549
		UNION PACIFIC CORP 144A 3.839% 03/20/2060 DD 11/20/19	1,332,352	1,280,463
		KAISER FOUNDATION HOSPITALS 4.150% 05/01/2047 DD 05/03/17	1,382,185	1,279,186
		REYNOLDS AMERICAN INC 5.700% 08/15/2035 DD 06/12/15	1,160,720	1,278,915
		TEACHERS INSURANCE & ANNU 144A 4.270% 05/15/2047 DD 05/08/17	1,116,416	1,273,933
		LOCKHEED MARTIN CORP 4.700% 05/15/2046 DD 11/23/15	985,190	1,271,570
		ANHEUSER-BUSCH INBEV WORLDWIDE 4.600% 04/15/2048 DD 04/04/18	1,103,717	1,270,284
		DUKE ENERGY INDIANA LLC 3.250% 10/01/2049 DD 09/27/19	1,241,590	1,270,165
		CHARTER COMMUNICATIONS OPERATI 6.484% 10/23/2045 DD 10/23/16	1,253,411	1,264,525
		MCDONALD'S CORP 6.300% 10/15/2037 DD 10/18/07	1,287,622	1,263,182
		KINDER MORGAN INC/DE 5.050% 02/15/2046 DD 02/26/15	1,244,355	1,262,464
		GEORGIA POWER CO 4.300% 03/15/2043 DD 03/15/13	1,312,519	1,262,461
		ALABAMA POWER CO 4.300% 07/15/2048 DD 06/28/18	1,175,475	1,257,526
		GLAXOSMITHKLINE CAPITAL INC 6.375% 05/15/2038 DD 05/13/08	1,094,444	1,256,456
		SIEMENS FINANCIERINGSMAAT 144A 4.400% 05/27/2045 DD 05/27/15	1,060,208	1,253,868
		ABBVIE INC 144A 4.050% 11/21/2039 DD 11/21/19	1,185,799	1,250,761
		BOEING CO/THE 3.500% 03/01/2039 DD 02/15/19	1,266,856	1,249,373
		NORFOLK SOUTHERN CORP 4.150% 02/28/2048 DD 02/28/18	1,281,236	1,249,291
		AUTOZONE INC 3.750% 06/01/2027 DD 04/18/17	1,164,942	1,243,579
		INTERNATIONAL PAPER CO 4.400% 08/15/2047 DD 08/11/16	1,212,259	1,242,418
		LOCKHEED MARTIN CORP 3.600% 03/01/2035 DD 02/20/15	1,150,345	1,241,157
		JM SMUCKER CO/THE 4.250% 03/15/2035 DD 09/15/15	1,135,748	1,234,666
		GLENORE FINANCE CANADA L 144A 6.900% 11/15/2037 DD 11/20/07	1,140,516	1,234,118
		ECOPETROL SA 5.875% 05/28/2045 DD 05/28/14	988,248	1,231,794
		AON PLC 4.600% 06/14/2044 DD 05/28/14	1,056,245	1,222,935
		ENTERPRISE PRODUCTS OPERATING 5.100% 02/15/2045 DD 02/12/14	1,086,241	1,216,863
		DTE ELECTRIC CO 4.300% 07/01/2044 DD 07/02/14	1,061,671	1,216,488
		DEUTSCHE TELEKOM INTERNATIONAL VAR RT 06/15/2030 DD 07/06/00	1,119,059	1,215,390
		HESS CORP 5.600% 02/15/2041 DD 08/10/10	1,129,490	1,212,109
		TRANSCANADA PIPELINES LTD 4.875% 05/15/2048 DD 05/07/18	1,011,401	1,206,548
		NBCUNIVERSAL MEDIA LLC 5.950% 04/01/2041 DD 04/01/11	872,559	1,204,018
		INGERSOLL-RAND LUXEMBOURG FINA 4.500% 03/21/2049 DD 03/21/19	1,253,029	1,203,525
		BOSTON SCIENTIFIC CORP 4.550% 03/01/2039 DD 02/25/19	1,014,288	1,199,948
		AMERICAN WATER CAPITAL CORP 3.750% 09/01/2047 DD 08/10/17	1,226,675	1,191,398
		APPLE INC 4.375% 05/13/2045 DD 05/13/15	976,423	1,190,034
		ISRAEL GOVERNMENT INTERNATIONA 4.125% 01/17/2048 DD 01/17/18	1,027,740	1,189,815
		OCCIDENTAL PETROLEUM CORP 6.200% 03/15/2040 DD 09/15/19	1,256,528	1,189,683
		DOMINION ENERGY INC 4.600% 03/15/2049 DD 03/13/19	1,200,473	1,185,740
		BERKSHIRE HATHAWAY FINANCE COR 4.200% 08/15/2048 DD 08/15/18	994,930	1,183,980
		PANAMA GOVERNMENT INTERNATIONA 4.300% 04/29/2053 DD 04/29/13	1,002,414	1,179,938
		MORGAN STANLEY 6.375% 07/24/2042 DD 07/24/12	825,867	1,179,400
		AMAZON.COM INC 4.950% 12/05/2044 DD 12/05/14	909,089	1,179,378
		ASTRAZENECA PLC 4.375% 11/16/2045 DD 11/16/15	1,200,950	1,177,872
		MORGAN STANLEY 4.300% 01/27/2045 DD 01/27/15	1,158,891	1,176,320
		BRISTOL-MYERS SQUIBB CO 144A 4.250% 10/26/2049 DD 05/16/19	981,664	1,175,407
		ALLERGAN FUNDING SCS 4.550% 03/15/2035 DD 03/12/15	1,061,113	1,175,212
		BURLINGTON NORTHERN SANTA FE L 4.050% 06/15/2048 DD 03/05/18	1,032,361	1,173,845
		ENTERPRISE PRODUCTS OPERATING 4.900% 05/15/2046 DD 05/07/15	1,042,180	1,172,900
		INTEL CORP 3.734% 12/08/2047 DD 06/08/18	1,201,511	1,172,544
		MCDONALD'S CORP 4.600% 05/26/2045 DD 05/26/15	1,052,460	1,168,025
		VERIZON COMMUNICATIONS INC 5.250% 03/16/2037 DD 03/16/17	1,132,966	1,168,015
		TENCENT HOLDINGS LTD 144A 3.975% 04/11/2029 DD 04/11/19	1,097,610	1,166,357
		ATMOS ENERGY CORP 4.125% 10/15/2044 DD 10/15/14	1,033,054	1,166,300
		MEXICO GOVERNMENT INTERNATIONA 4.600% 01/23/2046 DD 01/23/15	1,029,410	1,160,950
		FIRSTENERGY CORP 4.850% 07/15/2047 DD 06/21/17	1,186,799	1,159,889
		FEDEX CORP 4.550% 04/01/2046 DD 03/24/16	1,194,749	1,159,255
		BOSTON SCIENTIFIC CORP 4.550% 03/01/2039 DD 02/25/19	1,163,475	1,158,774
		ANTHEM INC 4.650% 08/15/2044 DD 08/12/14	1,062,799	1,156,221
		APACHE CORP 5.100% 09/01/2040 DD 08/20/10	1,122,924	1,155,589

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*		DEVON ENERGY CORP 4.750% 05/15/2042 DD 05/14/12	1,012,202	1,155,567
		BOEING CO/THE 3.750% 02/01/2050 DD 07/31/19	1,075,832	1,153,919
		ASTRAZENCA PLC 4.000% 09/18/2042 DD 09/18/12	1,028,360	1,153,226
		ANHEUSER-BUSCH COS LLC / ANHEU 4.900% 02/01/2046 DD 02/01/19	1,012,018	1,150,536
		BANK OF NEW YORK MELLON CORP/T 3.400% 01/29/2028 DD 01/29/18	1,074,463	1,147,079
		CSX CORP 4.750% 11/15/2048 DD 11/15/18	957,766	1,146,786
		KEURIG DR PEPPER INC 4.985% 05/25/2038 DD 05/25/19	1,134,250	1,145,434
		DISCOVERY COMMUNICATIONS LLC 4.875% 04/01/2043 DD 03/19/13	972,487	1,143,439
		STARBUCKS CORP 4.450% 08/15/2049 DD 05/13/19	983,266	1,142,590
		HSBC USA INC 2.750% 08/07/2020 DD 08/07/15	1,160,564	1,139,892
		CISCO SYSTEMS INC 5.500% 01/15/2040 DD 11/17/09	915,959	1,134,012
		GREAT-WEST LIFECO FINANCE 144A 4.150% 06/03/2047 DD 05/26/17	1,026,906	1,133,242
		AMERICAN INTERNATIONAL GROUP I 4.500% 07/16/2044 DD 07/16/14	941,728	1,130,459
		ENEL FINANCE INTERNAZIONA 144A 4.875% 06/14/2029 DD 09/14/18	1,121,200	1,129,150
		UNITEDHEALTH GROUP INC 5.800% 03/15/2036 DD 03/02/06	869,800	1,128,792
		PETROLEO BRASILEIRO SA	901,551	1,128,440
		DUKE ENERGY CORP 3.750% 09/01/2046 DD 08/12/16	1,132,218	1,127,551
		SYNGENTA FINANCE NV 144A 5.676% 04/24/2048 DD 04/24/18	1,134,234	1,126,008
		INTEL CORP 3.734% 12/08/2047 DD 06/08/18	1,053,232	1,125,202
		TIME WARNER CABLE LLC 6.550% 05/01/2037 DD 04/09/07	1,098,046	1,122,467
		SYSCO CORP 4.450% 03/15/2048 DD 03/19/18	978,873	1,121,885
		UNITED PARCEL SERVICE INC 3.750% 11/15/2047 DD 11/14/17	1,032,402	1,115,388
		NORTHERN NATURAL GAS CO 144A 4.100% 09/15/2042 DD 08/27/12	954,015	1,113,711
		COX COMMUNICATIONS INC 144A 8.375% 03/01/2039 DD 02/20/09	1,100,827	1,112,856
		TRANSCANADA PIPELINES LTD 6.200% 10/15/2037 DD 10/05/07	1,110,415	1,109,182
		DOMINION ENERGY INC 6.300% 03/15/2033 DD 03/06/03	1,019,975	1,108,171
		ERP OPERATING LP 2.500% 02/15/2030 DD 08/27/19	1,109,403	1,107,128
		RAYTHEON CO 4.200% 12/15/2044 DD 12/02/14	1,141,086	1,106,893
		CONOCO FUNDING CO 7.250% 10/15/2031 DD 10/11/01	946,469	1,106,863
		HSBC HOLDINGS PLC 7.625% 05/17/2032 DD 05/17/05	1,019,222	1,106,847
		HSBC HOLDINGS PLC 6.500% 09/15/2037 DD 09/12/07	1,079,936	1,106,032
		VODAFONE GROUP PLC 5.250% 05/30/2048 DD 05/30/18	912,714	1,105,122
		ANTHEM INC 4.375% 12/01/2047 DD 11/21/17	994,990	1,098,599
		NESTLE HOLDINGS INC 144A 3.900% 09/24/2038 DD 09/24/18	1,124,716	1,094,820
		AMAZON.COM INC 3.875% 08/22/2037 DD 02/22/18	1,109,040	1,091,126
		ZOETIS INC 3.950% 09/12/2047 DD 09/12/17	911,950	1,089,490
		WELLS FARGO & CO 4.400% 06/14/2046 DD 06/14/16	907,594	1,089,292
		BURLINGTON NORTHERN SANTA FE L 5.400% 06/01/2041 DD 05/19/11	914,016	1,088,229
		CIGNA CORP 4.900% 12/15/2048 DD 06/15/19	970,475	1,086,995
		AMERICAN INTERNATIONAL GROUP I 4.500% 07/16/2044 DD 07/16/14	1,062,396	1,084,318
		FOX CORP 144A 5.476% 01/25/2039 DD 01/25/19	885,000	1,082,877
		ENTERPRISE PRODUCTS OPERATING 7.550% 04/15/2038 DD 10/15/09	851,767	1,080,868
		VIACOMCBS INC 5.850% 09/01/2043 DD 08/19/13	871,187	1,077,503
		WELLS FARGO & CO VAR RT 10/30/2030 DD 10/31/19	1,067,785	1,077,437
		CLECO CORPORATE HOLDINGS LLC VAR RT 05/01/2046 DD 11/01/16	1,105,422	1,076,477
		INGERSOLL-RAND LUXEMBOURG FINA 3.550% 11/01/2024 DD 10/28/14	1,012,197	1,070,561
		WALMART INC 5.250% 09/01/2035 DD 08/31/05	965,993	1,069,365
		WALMART INC 3.950% 06/28/2038 DD 06/27/18	1,089,758	1,065,765
		NESTLE HOLDINGS INC 144A 4.000% 09/24/2048 DD 09/24/18	892,846	1,063,828
		HALLIBURTON CO 4.500% 11/15/2041 DD 11/14/11	1,032,980	1,062,660
		WELLS FARGO & CO VAR RT 10/30/2030 DD 10/31/19	1,055,000	1,062,332
		LOWE'S COS INC 4.550% 04/05/2049 DD 04/05/19	1,025,112	1,050,805
		NORTHWELL HEALTHCARE INC 6.150% 11/01/2043 DD 09/17/13	977,631	1,048,799
		MPLX LP 5.200% 03/01/2047 DD 02/10/17	972,259	1,048,774
		HOME DEPOT INC/THE 5.950% 04/01/2041 DD 03/31/11	865,752	1,045,650
		METLIFE INC 4.050% 03/01/2045 DD 03/05/15	1,022,328	1,044,873
		ABBVIE INC 4.450% 05/14/2046 DD 05/12/16	982,456	1,044,313
		DUPONT DE NEMOURS INC 4.205% 11/15/2023 DD 11/28/18	1,047,936	1,043,201
		AUSTRALIA & NEW ZEALAND B 144A VAR RT 11/09/2020 DD 11/09/17	1,040,000	1,041,373
		US BANK NA/CINCINNATI OH VAR RT 07/24/2020 DD 07/24/18	1,040,000	1,040,998
		BERKSHIRE HATHAWAY ENERGY CO 5.950% 05/15/2037 DD 05/11/07	965,295	1,040,717
		AMERICAN FINANCIAL GROUP INC/O 4.500% 06/15/2047 DD 06/02/17	982,790	1,038,989
		PERUVIAN GOVERNMENT INTERNATIO 5.625% 11/18/2050 DD 11/18/10	871,864	1,037,495
		THERMO FISHER SCIENTIFIC INC 4.100% 08/15/2047 DD 08/14/17	904,249	1,037,491
		COMCAST CORP 4.500% 01/15/2043 DD 01/14/13	886,010	1,033,859
		MARATHON PETROLEUM CORP 4.750% 09/15/2044 DD 09/05/14	872,461	1,033,417
		INTERNATIONAL BUSINESS MACHINE 4.250% 05/15/2049 DD 05/15/19	1,038,546	1,030,014
		BRISTOL-MYERS SQUIBB CO 144A 3.450% 11/15/2027 DD 11/15/19	1,038,250	1,027,459
		VISA INC 4.300% 12/14/2045 DD 12/14/15	837,167	1,026,474

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	ROYAL BANK OF SCOTLAND GROUP P VAR RT 11/01/2029 DD 11/01/19	1,007,480	1,026,437
	TRUIST FINANCIAL CORP VAR RT 02/01/2021 DD 10/26/17	1,020,000	1,019,847
	BAYER US FINANCE II LLC 144A 4.700% 07/15/2064 DD 07/15/18	1,035,573	1,018,349
	PLAINS ALL AMERICAN PIPELINE L 4.900% 02/15/2045 DD 12/09/14	991,924	1,016,471
	UNION ELECTRIC CO 4.000% 04/01/2048 DD 04/06/18	911,038	1,015,540
	SOUTHERN COPPER CORP 5.875% 04/23/2045 DD 04/23/15	982,126	1,015,432
	BURLINGTON NORTHERN SANTA FE L 5.150% 09/01/2043 DD 08/22/13	834,782	1,014,913
	AON PLC 4.750% 05/15/2045 DD 05/20/15	1,027,035	1,014,293
	SHIRE ACQUISITIONS INVESTMENTS 2.875% 09/23/2023 DD 09/23/16	1,012,742	1,013,925
	NORTHWESTERN MUTUAL LIFE 144A 3.850% 09/30/2047 DD 09/26/17	957,955	1,011,898
	ROYAL BANK OF CANADA VAR RT 10/26/2020 DD 10/26/17	1,005,000	1,006,266
	DUKE ENERGY INDIANA LLC 3.250% 10/01/2049 DD 09/27/19	1,003,425	1,005,131
	VIRGINIA ELECTRIC & POWER CO 4.450% 02/15/2044 DD 02/07/14	1,046,633	1,004,992
	BURLINGTON NORTHERN SANTA FE L 4.150% 04/01/2045 DD 03/09/15	882,106	1,004,829
	WELLS FARGO BANK NA VAR RT 07/23/2021 DD 07/23/18	999,017	1,002,791
	NSTAR ELECTRIC CO 4.400% 03/01/2044 DD 03/07/14	859,023	1,002,483
	IRAQ GOVERNMENT AID BOND 2.149% 01/18/2022 DD 01/18/17	997,663	998,643
	EVERGY METRO INC 4.200% 03/15/2048 DD 03/01/18	1,035,049	997,907
	BANK OF AMERICA CORP VAR RT 12/20/2028 DD 12/20/17	902,461	997,633
	HSBC HOLDINGS PLC VAR RT 06/19/2029 DD 06/19/18	875,048	995,234
	NORFOLK SOUTHERN CORP 4.150% 02/28/2048 DD 02/28/18	875,961	994,910
	ENTERGY LOUISIANA LLC 3.050% 06/01/2031 DD 05/19/16	963,239	989,772
	DUKE ENERGY OHIO INC 3.700% 06/15/2046 DD 06/23/16	1,024,572	987,595
	UKRAINE GOVERNMENT AID BONDS 1.471% 09/29/2021 DD 09/29/16	972,725	986,109
	MARSH & MCLENNAN COS INC 4.750% 03/15/2039 DD 01/15/19	1,002,018	985,417
	VODAFONE GROUP PLC 7.875% 02/15/2030 DD 08/15/00	892,608	984,053
	MCDONALD'S CORP 4.875% 12/09/2045 DD 12/09/15	916,908	982,572
	BANK OF AMERICA CORP VAR RT 10/22/2030 DD 10/22/19	970,000	978,526
	3M CO 3.250% 08/26/2049 DD 08/26/19	981,785	978,237
	FIFTH THIRD BANCORP 8.250% 03/01/2038 DD 03/04/08	816,172	977,946
	NOBLE ENERGY INC 5.250% 11/15/2043 DD 11/08/13	932,295	975,783
	ONE GAS INC 4.658% 02/01/2044 DD 08/01/14	819,992	975,456
	MYLAN NV 5.250% 06/15/2046 DD 12/15/16	918,398	972,917
	ANHEUSER-BUSCH INBEV WORLDWIDE 4.375% 04/15/2038 DD 04/04/18	868,062	971,724
	MASSACHUSETTS MUTUAL LIFE 144A 3.729% 10/15/2070 DD 10/11/19	945,336	970,928
	SOUTHWESTERN PUBLIC SERVICE CO 4.400% 11/15/2048 DD 11/05/18	814,711	970,035
	MORGAN STANLEY VAR RT 01/24/2029 DD 01/23/18	900,000	968,805
	SEMPRA ENERGY 4.000% 02/01/2048 DD 01/12/18	902,684	961,766
	MARKEL CORP 5.000% 04/05/2046 DD 04/05/16	826,291	958,271
	ALCON FINANCE CORP 144A 3.800% 09/23/2049 DD 09/23/19	924,191	954,818
	DARDEN RESTAURANTS INC 4.550% 02/15/2048 DD 02/22/18	930,652	953,931
	ENBRIDGE INC 4.500% 06/10/2044 DD 06/04/14	837,043	953,818
	HOME DEPOT INC/THE 4.200% 04/01/2043 DD 04/05/13	968,084	951,717
	ALLERGAN FUNDING SCS 3.450% 03/15/2022 DD 03/12/15	951,046	951,362
	BAE SYSTEMS PLC 144A 5.800% 10/11/2041 DD 10/11/11	731,171	950,259
	TELEFONICA EMISIONES SA 7.045% 06/20/2036 DD 06/20/06	799,141	944,825
	TENCENT HOLDINGS LTD 144A 3.925% 01/19/2038	977,716	944,768
	VERIZON COMMUNICATIONS INC 5.500% 03/16/2047 DD 03/16/17	828,878	943,727
	ALIBABA GROUP HOLDING LTD 4.000% 12/06/2037 DD 12/06/17	968,783	941,978
	AMAZON.COM INC 4.050% 08/22/2047 DD 02/22/18	794,088	941,480
	MASTERCARD INC 3.650% 06/01/2049 DD 05/31/19	843,775	938,694
	GOLDMAN SACHS GROUP INC/THE VAR RT 10/31/2038 DD 10/31/17	860,000	934,631
	HCA INC 5.250% 06/15/2049 DD 06/12/19	822,709	933,472
	PHILIP MORRIS INTERNATIONAL IN 6.375% 05/16/2038 DD 05/16/08	868,184	932,742
	SOUTHERN COPPER CORP 5.250% 11/08/2042 DD 11/08/12	795,825	932,302
	PNC FINANCIAL SERVICES GROUP I 2.600% 07/23/2026 DD 07/23/19	918,243	931,739
	EDISON INTERNATIONAL 4.125% 03/15/2028 DD 03/13/18	937,745	928,639
	TELEFONICA EMISIONES SA 4.895% 03/06/2048 DD 03/06/18	810,000	927,482
	MARSH & MCLENNAN COS INC 4.900% 03/15/2049 DD 01/15/19	922,731	927,122
	FISERV INC 4.400% 07/01/2049 DD 06/24/19	925,688	925,253
	KRAFT HEINZ FOODS CO 6.500% 02/09/2040 DD 08/09/12	951,988	923,778
	SOUTHWESTERN PUBLIC SERVICE CO 4.400% 11/15/2048 DD 11/05/18	791,147	922,717
	MONONGAHELA POWER CO 144A 4.100% 04/15/2024 DD 11/27/13	899,277	921,413
	SEMPRA ENERGY 3.800% 02/01/2038 DD 01/12/18	855,344	919,162
	DOMINION ENERGY INC 5.950% 06/15/2035 DD 06/20/05	641,710	916,229
	DISCOVERY COMMUNICATIONS LLC 5.000% 09/20/2037 DD 09/21/17	882,677	915,454
	LOWE'S COS INC 4.375% 09/15/2045 DD 09/16/15	830,861	915,325
	ISRAEL GOVERNMENT INTERNATIONAL 4.125% 01/17/2048	782,874	912,576
	UNITED TECHNOLOGIES CORP 4.500% 06/01/2042 DD 06/01/12	786,369	911,179

American Electric Power System Retirement Plan

Schedule 1

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(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(d) Cost	(e) Current value
		DOMINION ENERGY SOUTH CAROLINA 5.100% 06/01/2065 DD 05/22/15	930,867	910,560
		DUKE ENERGY CAROLINAS LLC 3.950% 03/15/2048 DD 03/01/18	924,048	909,492
		AMERICAN EXPRESS CO 3.700% 08/03/2023 DD 08/03/18	909,807	909,461
		NOBLE ENERGY INC 5.050% 11/15/2044 DD 11/07/14	841,267	906,296
		CITIGROUP INC 4.750% 05/18/2046 DD 05/18/16	878,594	903,078
		PRUDENTIAL FINANCIAL INC 3.700% 03/13/2051 DD 09/13/19	856,373	899,999
		DEVON ENERGY CORP 5.600% 07/15/2041 DD 07/12/11	900,673	899,921
		AT&T INC 5.350% 09/01/2040 DD 03/01/11	792,488	893,158
		AMERICAN INTERNATIONAL GROUP I 4.750% 04/01/2048 DD 03/26/18	735,656	892,307
		GILEAD SCIENCES INC 4.000% 09/01/2036 DD 09/20/16	800,412	891,296
		FORD MOTOR CO 5.291% 12/08/2046 DD 12/08/16	875,814	890,952
		CVS HEALTH CORP 5.125% 07/20/2045 DD 07/20/15	786,860	889,740
		MICROSOFT CORP 4.000% 02/12/2055 DD 02/12/15	738,075	889,320
		CHARTER COMMUNICATIONS OPERATI 5.125% 07/01/2049 DD 07/10/19	820,552	887,005
		PHILIP MORRIS INTERNATIONAL IN 4.250% 11/10/2044 DD 11/10/14	778,168	884,576
		FLORIDA POWER & LIGHT CO 3.950% 03/01/2048 DD 02/28/18	770,815	884,461
		PPL ELECTRIC UTILITIES CORP 3.950% 06/01/2047 DD 05/11/17	786,971	884,135
		SUNCOR ENERGY INC 6.800% 05/15/2038 DD 05/15/08	883,537	883,295
		ALLERGAN FUNDING SCS 3.800% 03/15/2025 DD 03/12/15	880,648	882,764
		TYSON FOODS INC 5.100% 09/28/2048 DD 09/28/18	858,774	881,412
		PUBLIC SERVICE CO OF COLORADO 3.600% 09/15/2042 DD 09/11/12	897,164	877,592
		EQM MIDSTREAM PARTNERS LP 6.500% 07/15/2048 DD 06/25/18	960,426	876,937
		BOSTON SCIENTIFIC CORP 4.700% 03/01/2049 DD 02/25/19	754,521	876,190
		DOMINION ENERGY GAS HOLDINGS L 4.800% 11/01/2043 DD 05/01/14	839,444	874,808
		KRAFT HEINZ FOODS CO 5.000% 07/15/2035 DD 07/15/16	819,208	872,174
		PROVINCE OF ONTARIO CANADA 2.550% 02/12/2021 DD 02/12/18	858,865	867,147
		APACHE CORP 4.250% 01/15/2044 DD 12/03/12	814,832	866,943
		SIMON PROPERTY GROUP LP 3.250% 09/13/2049 DD 09/13/19	886,449	866,006
		UNION PACIFIC CORP 3.875% 02/01/2055 DD 01/29/15	708,254	865,046
		CONSUMERS ENERGY CO 3.100% 08/15/2050 DD 09/03/19	858,867	863,478
		HSBC HOLDINGS PLC VAR RT 06/19/2029 DD 06/19/18	770,000	861,045
		MPLX LP 4.700% 04/15/2048 DD 02/08/18	863,013	861,004
		HUNTSMAN INTERNATIONAL LLC 4.500% 05/01/2029 DD 03/13/19	800,847	860,811
		HOME DEPOT INC/THE 4.500% 12/06/2048 DD 12/06/18	683,199	858,554
		BNP PARIBAS SA 5.000% 01/15/2021 DD 01/18/11	861,864	856,328
		BELL CANADA INC 4.300% 07/29/2049 DD 05/13/19	753,505	855,249
		COMMONWEALTH EDISON CO 3.650% 06/15/2046 DD 06/27/16	888,720	855,023
		MCDONALD'S CORP 4.700% 12/09/2035 DD 12/09/15	717,689	853,949
		UNITEDHEALTH GROUP INC 4.625% 11/15/2041 DD 11/10/11	763,191	852,902
		MORGAN STANLEY 3.125% 07/27/2026 DD 07/25/16	819,390	851,846
		DUKE ENERGY INDIANA LLC 4.900% 07/15/2043 DD 07/11/13	686,874	851,267
		THERMO FISHER SCIENTIFIC INC 2.600% 10/01/2029 DD 10/08/19	858,805	850,746
		PRECISION CASTPARTS CORP 4.375% 06/15/2045 DD 06/10/15	732,560	850,086
		SHERWIN-WILLIAMS CO/THE 4.500% 06/01/2047 DD 05/16/17	827,989	841,143
		DUKE ENERGY FLORIDA LLC 6.350% 09/15/2037 DD 09/18/07	762,552	840,636
		NATIONAL RURAL UTILITIES COOPE 4.300% 03/15/2049 DD 01/31/19	855,538	838,316
		GLAXOSMITHKLINE CAPITAL PLC 2.875% 06/01/2022 DD 03/25/19	819,360	837,901
		COMCAST CORP 3.999% 11/01/2049 DD 10/19/17	772,134	835,032
		ORACLE CORP 4.000% 11/15/2047 DD 11/09/17	741,506	833,484
		CONOCOPHILLIPS 5.900% 05/15/2038 DD 05/08/08	837,941	831,595
		BANK OF NOVA SCOTIA/THE VAR RT 07/14/2020 DD 07/14/17	830,000	831,552
		MEDTRONIC INC 4.375% 03/15/2035 DD 03/15/15	695,801	831,224
		MORGAN STANLEY 4.300% 01/27/2045 DD 01/27/15	676,310	829,306
		PNC BANK NA 2.700% 10/22/2029 DD 10/22/19	826,539	828,979
		AMERICAN INTERNATIONAL GROUP I 4.800% 07/10/2045 DD 07/10/15	684,901	828,124
		FOX CORP 144A 5.576% 01/25/2049 DD 01/25/19	650,000	828,094
		FOX CORP 144A 5.476% 01/25/2039 DD 01/25/19	839,884	825,923
		WELLS FARGO & CO VAR RT 10/30/2030 DD 10/31/19	820,000	825,699
		MPLX LP 144A 5.200% 12/01/2047 DD 06/01/19	830,681	825,336
		VODAFONE GROUP PLC 4.250% 09/17/2050 DD 09/17/19	827,027	824,602
		CONSOLIDATED EDISON CO OF NEW 5.850% 03/15/2036 DD 03/09/06	598,172	822,554
		ENTERPRISE PRODUCTS OPERATING 5.100% 02/15/2045 DD 02/12/14	683,938	821,233
		TRANSCANADA PIPELINES LTD 6.100% 06/01/2040 DD 06/01/10	744,533	820,861
		MPLX LP 144A 5.200% 12/01/2047 DD 06/01/19	745,854	820,012
		VISA INC 4.150% 12/14/2035 DD 12/14/15	841,271	819,822
		MOSAIC CO/THE 5.450% 11/15/2033 DD 11/13/13	759,988	817,337
		UNITED TECHNOLOGIES CORP 6.050% 06/01/2036 DD 05/26/06	737,994	817,236
		EXELON GENERATION CO LLC 5.750% 10/01/2041 DD 09/30/10	730,458	816,649
		CONSOLIDATED EDISON CO OF NEW 3.700% 11/15/2059 DD 11/08/19	782,977	816,370

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(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(d) Cost	(e) Current value
	ONCOR ELECTRIC DELIVERY CO LLC	3.750% 04/01/2045 DD 10/01/15	844,449	815,528
	JPMORGAN CHASE BANK NA VAR RT	04/26/2021 DD 04/26/18	809,927	812,778
	FIRSTENERGY CORP	7.375% 11/15/2031 DD 11/15/01	762,979	811,958
	BANK OF MONTREAL VAR RT	07/13/2020 DD 07/13/18	810,000	811,126
	FLUOR CORP	4.250% 09/15/2028 DD 08/29/18	803,285	810,683
	EXELON CORP	4.950% 06/15/2035 DD 12/15/15	717,731	810,439
	WILLIAMS COS INC/THE	4.900% 01/15/2045 DD 06/27/14	741,544	809,798
	CSX CORP	4.500% 03/15/2049 DD 02/28/19	687,620	808,708
	JPMORGAN CHASE & CO VAR RT	01/23/2029 DD 01/23/18	755,000	802,505
	AT&T INC	5.150% 02/15/2050 DD 08/14/18	663,530	802,362
	CONSUMERS ENERGY CO	4.050% 05/15/2048 DD 05/14/18	687,848	802,002
	NEXTERA ENERGY CAPITAL HOLDING	3.300% 08/15/2022 DD 03/06/19	797,866	800,467
	GOLDMAN SACHS GROUP INC/THE VAR RT	04/23/2029 DD 01/23/18	795,000	799,296
	SES GLOBAL AMERICAS HOLDI 144A	5.300% 03/25/2044 DD 03/25/14	764,939	799,229
	AMAZON.COM INC	4.250% 08/22/2057 DD 02/22/18	649,642	799,048
	BHP BILLITON FINANCE USA 144A VAR RT	10/19/2075 DD 10/19/15	799,530	798,436
	COX COMMUNICATIONS INC 144A	4.500% 06/30/2043 DD 05/01/13	813,325	796,878
	ENCANA CORP	6.625% 08/15/2037 DD 08/13/07	756,970	793,526
	DOW CHEMICAL CO/THE	4.375% 11/15/2042 DD 11/14/12	774,010	792,582
	MEXICO GOVERNMENT INTERNATIONA	4.350% 01/15/2047 DD 08/11/16	701,175	791,250
	LOCKHEED MARTIN CORP	3.800% 03/01/2045 DD 02/20/15	637,708	788,625
	STRYKER CORP	4.100% 04/01/2043 DD 03/25/13	709,781	784,332
	BANK OF NOVA SCOTIA/THE VAR RT	04/20/2021 DD 04/20/18	780,000	782,590
	BHP BILLITON FINANCE USA LTD	5.000% 09/30/2043 DD 09/30/13	802,421	781,227
	DOW CHEMICAL CO/THE	4.800% 05/15/2049 DD 11/15/19	667,750	780,860
	ROGERS COMMUNICATIONS INC	4.300% 02/15/2048 DD 02/08/18	695,786	779,961
	VISA INC	4.150% 12/14/2035 DD 12/14/15	659,109	778,536
	LOWE'S COS INC	4.050% 05/03/2047 DD 05/03/17	674,769	777,845
	PUBLIC SERVICE ENTERPRISE GROU	2.650% 11/15/2022 DD 11/06/17	764,028	776,544
	NEW YORK AND PRESBYTERIAN HOSP	4.024% 08/01/2045 DD 02/05/15	688,185	776,127
	NESTLE HOLDINGS INC 144A	4.000% 09/24/2048 DD 09/24/18	786,119	775,830
	METLIFE INC	5.700% 06/15/2035 DD 06/23/05	776,144	773,024
	DEUTSCHE TELEKOM INTERNAT 144A	4.750% 06/21/2038 DD 06/21/18	669,612	771,939
	NIKE INC	3.375% 11/01/2046 DD 10/21/16	784,924	771,457
	CISCO SYSTEMS INC	1.850% 09/20/2021 DD 09/20/16	751,197	770,531
	KINDER MORGAN INC/DE	5.300% 12/01/2034 DD 11/26/14	674,278	765,778
	TRANSCONTINENTAL GAS PIPE LINE	7.850% 02/01/2026 DD 08/01/16	694,486	762,576
	SHELL INTERNATIONAL FINANCE BV	1.875% 05/10/2021 DD 05/10/16	748,570	760,889
	JOHN DEERE CAPITAL CORP VAR RT	10/09/2020 DD 10/12/18	760,000	760,334
	AETNA INC	4.750% 03/15/2044 DD 03/07/14	678,368	759,614
	AMERICAN TOWER CORP	3.125% 01/15/2027 DD 09/30/16	739,504	757,494
	SVENSKA HANDELSBANKEN AB VAR RT	09/08/2020 DD 09/08/17	755,000	756,185
	CITIGROUP INC VAR RT	01/24/2039 DD 01/24/18	768,218	755,936
	VALERO ENERGY CORP	6.625% 06/15/2037 DD 06/08/07	746,432	754,207
	NARRAGANSETT ELECTRIC CO/ 144A	5.638% 03/15/2040 DD 03/22/10	600,000	753,528
	VIRGINIA ELECTRIC & POWER CO	3.800% 09/15/2047 DD 09/13/17	773,820	752,344
	PANAMA GOVERNMENT INTERNATIONA	3.160% 01/23/2030	754,060	751,900
	BAXALTA INC	5.250% 06/23/2045 DD 12/23/15	623,766	751,688
	APPLE INC	2.500% 02/09/2022 DD 02/09/17	734,199	746,091
	CITIBANK NA VAR RT	05/01/2020 DD 05/01/18	745,000	745,492
	BAT CAPITAL CORP	4.540% 08/15/2047 DD 08/15/18	711,902	744,233
	OCCIDENTAL PETROLEUM CORP	4.500% 07/15/2044 DD 07/15/19	750,758	742,571
	WALT DISNEY CO/THE	4.750% 11/15/2046 DD 11/15/19	668,479	740,695
	CONSOLIDATED EDISON CO OF NEW	5.700% 06/15/2040 DD 06/07/10	669,632	737,520
	QUALCOMM INC	4.650% 05/20/2035 DD 05/20/15	702,249	737,099
	URUGUAY GOVERNMENT INTERNATION	4.975% 04/20/2055	725,406	736,438
	VODAFONE GROUP PLC	4.250% 09/17/2050 DD 09/17/19	708,583	735,879
	VERIZON COMMUNICATIONS INC	5.012% 08/21/2054 DD 02/21/15	693,935	735,294
	DUPONT DE NEMOURS INC	5.319% 11/15/2038 DD 11/28/18	644,157	734,107
	PETROLEOS MEXICANOS	6.350% 02/12/2048 DD 08/12/18	726,750	733,400
	ROGERS COMMUNICATIONS INC	4.350% 05/01/2049 DD 04/30/19	759,504	733,331
	NORTHROP GRUMMAN CORP	4.030% 10/15/2047 DD 10/13/17	745,157	731,694
	UNITEDHEALTH GROUP INC	4.450% 12/15/2048 DD 12/17/18	607,499	729,615
	GENERAL ELECTRIC CO	4.125% 10/09/2042 DD 10/09/12	717,743	726,275
	BANK OF AMERICA CORP	7.750% 05/14/2038 DD 05/14/08	709,288	725,149
	BAKER HUGHES A GE CO LLC	5.125% 09/15/2040 DD 08/24/10	726,030	724,611
	SUNOCO LOGISTICS PARTNERS OPER	5.300% 04/01/2044 DD 04/03/14	678,885	723,744
	GOLDMAN SACHS GROUP INC/THE VAR RT	06/05/2028 DD 06/05/17	680,000	723,513
	SOUTHERN NATURAL GAS CO L 144A	4.800% 03/15/2047 DD 03/14/17	633,197	721,449

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		BOSTON PROPERTIES LP 2.900% 03/15/2030 DD 09/03/19	719,669	718,841
		TCI COMMUNICATIONS INC 7.125% 02/15/2028 DD 02/24/98	480,123	716,461
		PHILLIPS 66 PARTNERS LP 4.900% 10/01/2046 DD 10/14/16	635,840	715,825
		INTEL CORP 3.250% 11/15/2049 DD 11/21/19	709,595	713,976
		BAT CAPITAL CORP 4.390% 08/15/2037 DD 08/15/18	708,426	713,925
		APPLE INC 4.450% 05/06/2044 DD 05/06/14	581,835	713,776
		HARTFORD FINANCIAL SERVICES GR 3.600% 08/19/2049 DD 08/19/19	701,883	713,299
		VERIZON COMMUNICATIONS INC 3.850% 11/01/2042 DD 11/07/12	584,601	713,216
		GENERAL ELECTRIC CO 6.150% 08/07/2037 DD 08/07/07	693,439	712,571
		UNITEDHEALTH GROUP INC 6.500% 06/15/2037 DD 12/15/07	626,900	712,420
		CANADIAN NATIONAL RAILWAY CO 3.650% 02/03/2048 DD 02/06/18	731,660	712,183
		DOW CHEMICAL CO/THE 4.250% 10/01/2034 DD 09/16/14	634,634	711,237
		GLP CAPITAL LP / GLP FINANCING 5.300% 01/15/2029 DD 09/26/18	647,668	710,848
		CISCO SYSTEMS INC 5.500% 01/15/2040 DD 11/17/09	729,564	710,466
		AMERICAN HONDA FINANCE CORP VAR RT 02/12/2021 DD 02/15/18	710,604	710,369
		DAIMLER FINANCE NORTH AME 144A 2.200% 05/05/2020 DD 05/05/17	709,056	710,355
		ALTRIA GROUP INC 5.800% 02/14/2039 DD 02/14/19	607,296	705,912
		WELLTOWER INC 6.500% 03/15/2041 DD 03/14/11	714,573	704,751
		HEALTHPEAK PROPERTIES INC 6.750% 02/01/2041 DD 01/24/11	637,885	704,540
		ENEL FINANCE INTERNATIONA 144A 4.750% 05/25/2047 DD 05/25/17	668,669	703,925
		CANADIAN NATURAL RESOURCES LTD 6.450% 06/30/2033 DD 09/16/02	579,953	703,439
		ENERGY TRANSFER OPERATING LP 7.500% 07/01/2038 DD 03/28/08	668,206	703,303
		TEXAS HEALTH RESOURCES 4.330% 11/15/2055 DD 05/05/15	605,220	703,182
		DUKE ENERGY FLORIDA PROJECT FI 2.538% 09/01/2031 DD 06/22/16	699,972	702,142
		BOEING CO/THE 3.750% 02/01/2050 DD 07/31/19	649,465	696,606
		SOUTHERN CALIFORNIA EDISON CO 5.550% 01/15/2037 DD 12/11/06	615,405	694,790
		ROCKWELL COLLINS INC 4.800% 12/15/2043 DD 12/16/13	642,948	691,196
		APPLE INC 4.450% 05/06/2044 DD 05/06/14	561,943	689,373
		QUALCOMM INC 4.300% 05/20/2047 DD 05/26/17	673,770	688,368
		WALT DISNEY CO/THE 6.200% 12/15/2034 DD 06/15/19	634,418	688,200
		PFIZER INC 4.200% 09/15/2048 DD 09/07/18	583,608	686,451
		CATERPILLAR FINANCIAL SERVICES 1.900% 09/06/2022 DD 09/06/19	684,048	686,384
		HOME DEPOT INC/THE VAR RT 06/05/2020 DD 06/05/17	685,000	685,569
		COMCAST CORP 3.999% 11/01/2049 DD 10/19/17	607,111	683,107
		SWISS RE TREASURY US CORP 144A 4.250% 12/06/2042 DD 12/06/12	580,849	681,792
		PHILIP MORRIS INTERNATIONAL IN 4.875% 11/15/2043 DD 11/12/13	598,581	681,617
		AETNA INC 4.125% 11/15/2042 DD 11/07/12	629,119	681,319
		TRAVELERS COS INC/THE 6.750% 06/20/2036 DD 06/20/06	573,583	680,551
		QUALCOMM INC 4.800% 05/20/2045 DD 05/20/15	513,322	680,036
		SOUTHERN CALIFORNIA GAS CO 4.300% 01/15/2049 DD 09/24/18	594,732	679,323
		AVALONBAY COMMUNITIES INC 3.200% 01/15/2028 DD 11/15/17	647,394	678,750
		PACIFIC LIFE INSURANCE CO 144A VAR RT 10/24/2067 DD 10/24/17	634,467	677,863
		GILEAD SCIENCES INC 5.650% 12/01/2041 DD 12/13/11	559,724	676,849
		CVS HEALTH CORP 5.125% 07/20/2045 DD 07/20/15	640,127	676,202
		CSX CORP 4.300% 03/01/2048 DD 02/20/18	568,451	675,968
		ALABAMA POWER CO 4.300% 07/15/2048 DD 06/28/18	578,610	675,703
		COMCAST CORP 3.969% 11/01/2047 DD 10/19/17	616,912	675,360
		BANK OF AMERICA CORP VAR RT 03/15/2050 DD 03/15/19	560,000	675,108
		COLUMBIA PIPELINE GROUP INC 5.800% 06/01/2045 DD 12/01/15	560,179	672,459
		HCA INC 5.500% 06/15/2047 DD 06/22/17	616,496	672,458
		MCDONALD'S CORP 4.450% 03/01/2047 DD 03/09/17	589,032	670,871
		VISA INC 4.300% 12/14/2045 DD 12/14/15	685,299	669,974
		DOMINION ENERGY GAS HOLDINGS L 4.600% 12/15/2044 DD 12/08/14	621,462	669,708
		MONDELEZ INTERNATIONAL INC 4.625% 05/07/2048 DD 05/07/18	570,563	669,593
		APPLE INC 4.500% 02/23/2036 DD 02/23/16	547,415	668,399
		MIZUHO FINANCIAL GROUP INC VAR RT 07/16/2023 DD 07/16/19	660,000	667,927
		KROGER CO/THE 5.150% 08/01/2043 DD 07/25/13	578,057	665,805
		TIME WARNER CABLE LLC 4.500% 09/15/2042 DD 08/10/12	600,535	664,547
		AT&T INC 5.350% 09/01/2040 DD 03/01/11	578,941	663,834
		UNION ELECTRIC CO 4.000% 04/01/2048 DD 04/06/18	592,424	660,379
		PANAMA GOVERNMENT INTERNATIONA 3.870% 07/23/2060 DD 07/23/19	609,628	656,665
		EQUITABLE HOLDINGS INC 5.000% 04/20/2048 DD 10/20/18	663,664	656,549
		CHURCH & DWIGHT CO INC 3.950% 08/01/2047 DD 07/25/17	589,468	654,720
		ROCKWELL COLLINS INC 3.500% 03/15/2027 DD 04/10/17	641,451	653,222
		CHILE GOVERNMENT INTERNATIONAL 3.500% 01/25/2050	660,195	652,825
		SIMON PROPERTY GROUP LP 3.250% 09/13/2049 DD 09/13/19	666,834	651,937
		BANK OF AMERICA CORP VAR RT 03/15/2050 DD 03/15/19	540,000	650,997
		AMERICAN TOWER CORP 3.700% 10/15/2049 DD 10/03/19	639,444	647,829
		MCDONALD'S CORP 4.450% 09/01/2048 DD 08/15/18	637,704	647,575

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	WASTE MANAGEMENT INC	4.150% 07/15/2049 DD 05/22/19	564,277	646,496
	OCCIDENTAL PETROLEUM CORP	4.200% 03/15/2048 DD 03/02/18	659,263	645,723
	ESTEE LAUDER COS INC/THE	3.125% 12/01/2049 DD 11/21/19	638,511	645,464
	ALTRIA GROUP INC	4.250% 08/09/2042 DD 08/09/12	553,849	645,316
	ENTERPRISE PRODUCTS OPERATING	4.450% 02/15/2043 DD 08/13/12	588,066	643,828
	STARBUCKS CORP	4.500% 11/15/2048 DD 08/10/18	638,324	640,827
	NISOURCE INC	2.950% 09/01/2029 DD 08/12/19	638,886	637,869
	AMEREN CORP	2.500% 09/15/2024 DD 09/16/19	635,037	637,832
	COX COMMUNICATIONS INC 144A	4.800% 02/01/2035 DD 12/08/14	627,820	636,956
	BP CAPITAL MARKETS AMERICA INC	4.500% 10/01/2020 DD 10/01/18	636,638	636,706
	ENERGY TRANSFER PARTNERS LP /	5.000% 10/01/2022 DD 07/25/14	637,524	636,492
	APTIV PLC	5.400% 03/15/2049 DD 03/14/19	557,525	636,233
	HONDA AUTO RECEIVABLES 20 4 A2	1.860% 06/20/2022 DD 11/26/19	634,961	634,721
	SHELL INTERNATIONAL FINANCE BV	4.550% 08/12/2043 DD 08/12/13	583,268	634,156
	MCDONALD'S CORP	3.625% 09/01/2049 DD 08/12/19	608,065	630,676
	UNION PACIFIC CORP	4.300% 03/01/2049 DD 02/19/19	541,169	629,780
	NATIONAL AUSTRALIA BANK LTD/NE	3.700% 11/04/2021 DD 12/04/18	632,643	629,404
	EQM MIDSTREAM PARTNERS LP	5.500% 07/15/2028 DD 06/25/18	641,475	629,075
	SYSCO CORP	4.450% 03/15/2048 DD 03/19/18	546,579	626,434
	XCEL ENERGY INC	3.500% 12/01/2049 DD 11/07/19	612,974	625,277
	PEPSICO INC	2.875% 10/15/2049 DD 10/09/19	633,145	623,863
	L3HARRIS TECHNOLOGIES INC	5.054% 04/27/2045 DD 04/27/15	519,064	623,054
	CITIBANK NA VAR RT	02/19/2022 DD 02/19/19	615,000	622,792
	MICROSOFT CORP	4.000% 02/12/2055 DD 02/12/15	516,653	622,524
	BAKER HUGHES A GE CO LLC / BAK	4.080% 12/15/2047 DD 12/11/17	598,889	620,434
	PECO ENERGY CO	3.000% 09/15/2049 DD 09/10/19	639,692	619,922
	AT&T INC	4.500% 05/15/2035 DD 05/04/15	587,540	618,453
	ENI SPA 144A	4.250% 05/09/2029 DD 05/09/19	558,555	614,981
	OCCIDENTAL PETROLEUM CORP	6.450% 09/15/2036 DD 09/15/19	638,670	614,210
	RIO TINTO FINANCE USA PLC	4.125% 08/21/2042 DD 08/21/12	626,149	613,720
	MPLX LP	5.500% 02/15/2049 DD 11/15/18	587,439	613,489
	DUKE ENERGY CAROLINAS LLC	3.700% 12/01/2047 DD 11/14/17	569,168	613,434
	MORGAN STANLEY VAR RT	01/23/2030 DD 01/23/19	540,000	610,783
	SOUTHERN CALIFORNIA EDISON CO	5.950% 02/01/2038 DD 01/22/08	604,493	608,933
	GLAXOSMITHKLINE CAPITAL PLC	2.850% 05/08/2022 DD 05/09/12	596,178	608,114
	OCCIDENTAL PETROLEUM CORP	4.400% 04/15/2046 DD 04/04/16	616,106	607,818
	WELLS FARGO & CO	5.606% 01/15/2044 DD 11/26/13	526,166	606,211
	CHUBB CORP/THE	6.000% 05/11/2037 DD 05/11/07	474,702	601,562
	ENI SPA 144A	4.750% 09/12/2028 DD 09/12/18	525,755	600,066
	BP CAPITAL MARKETS AMERICA INC	4.500% 10/01/2020 DD 10/01/18	599,967	600,032
	DOW CHEMICAL CO/THE	5.550% 11/30/2048 DD 05/30/19	501,413	599,995
	BRISTOL-MYERS SQUIBB CO 144A	4.350% 11/15/2047 DD 11/15/19	607,247	599,738
	APPLE INC	3.750% 11/13/2047 DD 11/13/17	535,572	599,702
	PUBLIC SERVICE CO OF COLORADO	3.950% 03/15/2043 DD 03/26/13	551,243	599,278
	FORTIVE CORP	4.300% 06/15/2046 DD 06/15/17	607,312	597,455
	NORFOLK SOUTHERN CORP	4.100% 05/15/2049 DD 05/08/19	606,879	596,819
	LINCOLN NATIONAL CORP	4.350% 03/01/2048 DD 02/12/18	536,927	595,312
	UNION PACIFIC CORP	4.300% 03/01/2049 DD 02/19/19	604,219	595,113
	TEXAS INSTRUMENTS INC	4.150% 05/15/2048 DD 05/07/18	546,971	594,650
	ALIBABA GROUP HOLDING LTD	4.000% 12/06/2037 DD 12/06/17	554,240	594,089
	DOW CHEMICAL CO/THE	4.375% 11/15/2042 DD 11/14/12	530,161	592,834
	BANK OF AMERICA CORP VAR RT	10/01/2021 DD 09/18/17	585,086	591,682
	AMERICAN EXPRESS CO	2.750% 05/20/2022 DD 05/20/19	579,304	590,631
	CK HUTCHISON INTERNATIONAL 144A	3.375% 09/06/2049 DD 09/06/19	598,012	590,456
	UNITEDHEALTH GROUP INC	3.875% 08/15/2059 DD 07/25/19	540,160	588,622
	MERCK & CO INC	3.700% 02/10/2045 DD 02/10/15	526,953	586,328
	BARCLAYS PLC	4.950% 01/10/2047 DD 01/10/17	531,803	584,739
	PPL ELECTRIC UTILITIES CORP	4.150% 06/15/2048 DD 06/14/18	507,139	583,058
	DTE ENERGY CO VAR RT	10/01/2024 DD 07/01/19	579,809	582,830
	REALTY INCOME CORP	4.650% 03/15/2047 DD 03/15/17	506,083	582,005
	LOCKHEED MARTIN CORP	4.090% 09/15/2052 DD 09/07/17	582,219	580,828
	DTE ELECTRIC CO	4.050% 05/15/2048 DD 05/07/18	581,680	580,520
	TIME WARNER CABLE LLC	7.300% 07/01/2038 DD 06/19/08	514,175	580,498
	REGIONS FINANCIAL CORP	7.375% 12/10/2037 DD 12/10/07	492,687	580,065
	CSX CORP	4.300% 03/01/2048 DD 02/20/18	579,146	579,401
	PAYPAL HOLDINGS INC	2.200% 09/26/2022 DD 09/26/19	574,270	578,272
	WELLS FARGO & CO	3.000% 02/19/2025 DD 02/19/15	574,211	577,875
	SYNCHRONY FINANCIAL	2.850% 07/25/2022 DD 07/25/19	570,457	577,045
	MASSACHUSETTS INSTITUTE OF TEC	2.989% 07/01/2050 DD 12/20/19	580,135	576,143

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		JOHNSON CONTROLS INTERNATIONAL STEP 07/02/2044 DD 07/02/2016	579,110	576,007
		MEAD JOHNSON NUTRITION CO 4.600% 06/01/2044 DD 05/13/14	522,605	574,910
		PROVIDENCE ST JOSEPH HEALTH OB 3.930% 10/01/2048 DD 02/06/18	530,000	574,032
		ANHEUSER-BUSCH COS LLC / ANHEU 4.700% 02/01/2036 DD 02/01/19	477,131	573,581
		DOW CHEMICAL CO/THE 7.375% 11/01/2029 DD 11/01/99	552,263	570,374
		KINDER MORGAN ENERGY PARTNERS 6.950% 01/15/2038 DD 06/21/07	555,870	569,698
		HESS CORP 5.600% 02/15/2041 DD 08/10/10	491,773	567,993
		CREDIT SUISSE AG/NEW YORK NY 2.100% 11/12/2021 DD 11/12/19	564,932	567,672
		CONSTELLATION BRANDS INC 4.500% 05/09/2047 DD 05/09/17	492,310	567,460
		CAMERON LNG LLC 144A 2.902% 07/15/2031 DD 12/13/19	565,000	566,322
		HSBC HOLDINGS PLC VAR RT 05/22/2030 DD 05/22/19	556,967	566,144
		APPLE INC 2.050% 09/11/2026 DD 09/11/19	564,870	565,964
		TECK RESOURCES LTD 5.400% 02/01/2043 DD 08/08/12	510,925	565,688
		WILLIS NORTH AMERICA INC 3.875% 09/15/2049 DD 09/10/19	562,133	563,695
		BERKSHIRE HATHAWAY ENERGY CO 6.125% 04/01/2036 DD 10/01/06	478,355	563,217
		ALLERGAN FUNDING SCS 4.550% 03/15/2035 DD 03/12/15	549,057	563,008
		BECTON DICKINSON AND CO 4.685% 12/15/2044 DD 12/15/14	474,725	562,919
		DEERE & CO 3.900% 06/09/2042 DD 06/08/12	462,635	562,680
		VODAFONE GROUP PLC 5.000% 05/30/2038 DD 05/30/18	555,068	561,664
		BANK OF AMERICA CORP VAR RT 07/21/2021 DD 07/21/17	560,913	561,154
		ITC HOLDINGS CORP 5.300% 07/01/2043 DD 07/03/13	453,781	558,822
		DANSKE BANK A/S 144A 5.375% 01/12/2024 DD 01/16/19	508,970	558,261
		SOUTHERN CALIFORNIA GAS CO 4.125% 06/01/2048 DD 05/15/18	591,284	556,675
		WILLIAMS COS INC/THE 4.900% 01/15/2045 DD 06/27/14	553,321	552,822
		PEPSICO INC 2.000% 04/15/2021 DD 10/10/17	544,401	551,568
		BRITISH TELECOMMUNICATION 144A 4.250% 11/08/2049 DD 11/08/19	535,000	550,665
		EXELON GENERATION CO LLC 5.600% 06/15/2042 DD 12/15/12	514,373	549,192
		EVERSOURCE ENERGY 2.800% 05/01/2023 DD 05/13/13	548,937	548,122
		GILEAD SCIENCES INC 4.750% 03/01/2046 DD 09/14/15	544,626	547,156
		PHILIP MORRIS INTERNATIONAL IN 4.875% 11/15/2043 DD 11/12/13	547,579	545,294
		XYLEM INC/NY 4.375% 11/01/2046 DD 10/11/16	494,295	545,105
		NATIONWIDE MUTUAL INSURAN 144A 4.950% 04/22/2044 DD 04/22/14	533,495	544,568
		AMERICAN INTERNATIONAL GROUP I 4.750% 04/01/2048 DD 03/26/18	447,359	542,619
		SAN DIEGO GAS & ELECTRIC CO 4.100% 06/15/2049 DD 05/31/19	489,486	542,455
		BECTON DICKINSON AND CO 4.669% 06/06/2047 DD 06/06/17	545,278	542,451
		US BANK NA/CINCINNATI OH 3.450% 11/16/2021 DD 11/16/18	524,276	540,650
		PNC BANK NA VAR RT 01/22/2021 DD 01/22/18	540,000	540,621
		TEXAS INSTRUMENTS INC 1.750% 05/01/2020 DD 05/06/15	541,112	539,681
		CONAGRA BRANDS INC 5.400% 11/01/2048 DD 10/22/18	518,804	537,420
		HONEYWELL INTERNATIONAL INC 1.850% 11/01/2021 DD 10/31/16	526,387	536,231
		HERSHEY CO/THE 3.125% 11/15/2049 DD 10/31/19	539,428	535,572
		ANHEUSER-BUSCH INBEV WORLDWIDE 5.450% 01/23/2039 DD 01/23/19	423,819	534,833
		MPLX LP 4.500% 04/15/2038 DD 02/08/18	518,758	534,224
		BOSTON PROPERTIES LP 2.900% 03/15/2030 DD 09/03/19	535,118	534,139
		ERAC USA FINANCE LLC 144A 7.000% 10/15/2037 DD 10/17/07	535,215	530,483
		SOUTHERN CALIFORNIA EDISON CO 5.625% 02/01/2036 DD 01/31/06	418,977	530,061
		ANHEUSER-BUSCH INBEV WORLDWIDE 8.200% 01/15/2039 DD 01/15/11	429,045	529,833
		ENTERGY LOUISIANA LLC 4.200% 04/01/2050 DD 03/12/19	451,783	527,977
		MASSACHUSETTS ELECTRIC CO 144A 4.004% 08/15/2046 DD 08/05/16	495,000	527,695
		VIACOMCBS INC 4.600% 01/15/2045 DD 01/12/15	532,076	526,671
		ROPER TECHNOLOGIES INC 3.650% 09/15/2023 DD 08/28/18	525,720	525,060
		SUNCOR ENERGY INC 7.150% 02/01/2032 DD 01/29/02	409,834	524,250
		GRUPO BIMBO SAB DE CV 144A 4.000% 09/06/2049 DD 09/06/19	551,597	524,216
		LOWE'S COS INC 4.650% 04/15/2042 DD 04/23/12	477,785	521,730
		WALGREENS BOOTS ALLIANCE INC 4.500% 11/18/2034 DD 11/18/14	504,085	521,645
		NATIONAL RURAL UTILITIES COOPE 4.400% 11/01/2048 DD 10/31/18	432,847	519,803
		COLOMBIA GOVERNMENT INTERNATIO 5.200% 05/15/2049 DD 01/28/19	428,732	517,505
		NIAGARA MOHAWK POWER CORP 144A 4.278% 10/01/2034 DD 09/25/14	454,995	516,416
		EQUINOR ASA 4.250% 11/23/2041 DD 11/23/11	531,537	515,759
		TOTAL CAPITAL INTERNATIONAL SA 3.461% 07/12/2049 DD 07/10/19	490,000	515,558
		MOLSON COORS BEVERAGE CO 4.200% 07/15/2046 DD 07/07/16	521,747	514,047
		UNUM GROUP 4.500% 12/15/2049 DD 09/11/19	495,114	512,726
		CHARTER COMMUNICATIONS OPERATI 4.800% 03/01/2050 DD 10/24/19	482,265	511,433
		VOLKSWAGEN AG	452,969	510,004
		BECTON DICKINSON AND CO 3.250% 11/12/2020 DD 11/12/10	509,111	509,732
		BAT INTERNATIONAL FINANCE 144A 3.950% 06/15/2025 DD 06/15/15	496,934	507,792
		NISOURCE INC 4.375% 05/15/2047 DD 05/22/17	444,508	504,813
		IHS MARKIT LTD 4.750% 08/01/2028 DD 07/23/18	506,945	501,197
		PORSCHE AUTOMOBIL HOLDING SE	469,779	501,183

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	GENERAL MOTORS CO	5.950% 04/01/2049 DD 09/10/18	449,847	498,875
	MEDTRONIC INC	4.375% 03/15/2035 DD 03/15/15	505,830	497,314
	ENBRIDGE INC	4.500% 06/10/2044 DD 06/04/14	451,908	496,206
	PNC BANK NA VAR RT	12/09/2022 DD 12/09/19	495,000	495,520
	KROGER CO/THE	3.875% 10/15/2046 DD 10/03/16	449,283	494,789
	METLIFE INC VAR RT	12/15/2044 DD 09/15/14	437,481	494,533
	RECKITT BENCKISER TREASUR	144A 2.375% 06/24/2022 DD 06/26/17	491,754	493,646
	AETNA INC	3.875% 08/15/2047 DD 08/10/17	428,158	493,352
	TEXAS EASTERN TRANSMISSIO	144A 3.500% 01/15/2028 DD 01/09/18	482,324	493,142
	TIME WARNER CABLE LLC	5.500% 09/01/2041 DD 09/12/11	454,186	491,528
	HCA INC	5.125% 06/15/2039 DD 06/12/19	488,824	490,479
	ALLERGAN FUNDING SCS	4.750% 03/15/2045 DD 03/12/15	487,494	490,100
	CITIGROUP INC	4.650% 07/23/2048 DD 07/23/18	475,270	487,824
	BROOKFIELD FINANCE INC	4.850% 03/29/2029 DD 01/29/19	424,239	486,672
	DEUTSCHE TELEKOM INTERNATIONAL VAR RT	06/15/2030 DD 07/06/00	491,081	486,156
	TRANSCANADA PIPELINES LTD	4.875% 05/15/2048 DD 05/07/18	412,309	484,985
	LOJAS AMERICANAS SA		350,303	484,617
	NISOURCE INC	3.650% 06/15/2023 DD 12/15/18	460,887	484,400
	UNION PACIFIC CORP	3.799% 10/01/2051 DD 10/04/16	485,926	483,383
	MPLX LP	4.500% 04/15/2038 DD 02/08/18	486,776	483,346
	VODAFONE GROUP PLC	4.375% 02/19/2043 DD 02/19/13	472,291	483,291
	UNITEDHEALTH GROUP INC	4.250% 04/15/2047 DD 03/13/17	414,212	480,483
	SUMITOMO MITSUI FINANCIAL GROU	2.632% 07/14/2026 DD 07/14/16	480,225	480,451
	ANHEUSER-BUSCH INBEV WORLDWIDE	4.950% 01/15/2042 DD 07/15/16	440,571	479,411
	BANK OF AMERICA NA	6.000% 10/15/2036 DD 10/26/06	337,134	478,989
	NEXEN INC	5.875% 03/10/2035 DD 03/10/05	458,329	478,961
	REGIONS BANK/BIRMINGHAM AL VAR RT	08/13/2021 DD 08/13/18	477,719	478,672
	METHANEX CORP	5.650% 12/01/2044 DD 11/18/14	494,498	477,697
	NORTHERN STATES POWER CO/MN	2.900% 03/01/2050 DD 09/10/19	486,365	477,680
	SMITHFIELD FOODS INC	144A 5.200% 04/01/2029 DD 04/01/19	427,816	476,917
	MINITUBISHI UFJ FINANCIAL GROUP	4.153% 03/07/2039 DD 03/07/19	415,000	476,744
	CIGNA CORP	4.375% 10/15/2028 DD 04/15/19	470,776	476,393
	KROGER CO/THE	4.650% 01/15/2048 DD 07/24/17	431,851	476,134
	BANK OF AMERICA CORP	5.000% 01/21/2044 DD 01/21/14	401,423	476,073
	OCCIDENTAL PETROLEUM CORP	4.300% 08/15/2039 DD 08/08/19	462,587	474,161
	HONEYWELL INTERNATIONAL INC VAR RT	08/08/2022 DD 08/08/19	470,000	472,604
	GLENORE FINANCE CANADA L	144A VAR RT 10/25/2042 DD 10/25/12	491,551	471,785
	CENTERPOINT ENERGY INC	2.500% 09/01/2024 DD 08/14/19	470,216	470,677
	CITIGROUP INC VAR RT	11/04/2022 DD 11/04/19	465,000	466,446
	GENERAL MOTORS FINANCIAL CO IN	5.250% 03/01/2026 DD 03/01/16	440,139	465,788
	PARKER-HANNIFIN CORP	4.000% 06/14/2049 DD 06/14/19	423,567	465,084
	SOUTHERN CALIFORNIA EDISON CO	4.000% 04/01/2047 DD 03/24/17	438,865	463,254
	NORFOLK SOUTHERN CORP	5.100% 08/01/2118 DD 08/02/18	486,198	461,261
	CATERPILLAR INC	4.750% 05/15/2064 DD 05/08/14	470,644	460,816
	PFIZER INC	4.400% 05/15/2044 DD 05/15/14	424,871	459,806
	BURLINGTON NORTHERN SANTA FE L	5.050% 03/01/2041 DD 09/10/10	406,657	458,663
	NATIONWIDE FINANCIAL SERV	144A 5.300% 11/18/2044 DD 11/20/14	444,272	456,428
	ONEOK INC	4.450% 09/01/2049 DD 08/15/19	444,564	456,403
	MARCOPOLO SA		411,533	455,966
	OCCIDENTAL PETROLEUM CORP	6.450% 09/15/2036 DD 09/15/19	483,827	454,515
	PLAINS ALL AMERICAN PIPELINE L	3.550% 12/15/2029 DD 09/16/19	455,868	453,785
	REPUBLIC SERVICES INC	4.750% 05/15/2023 DD 05/09/11	453,881	452,306
	CENTERPOINT ENERGY INC	3.600% 11/01/2021 DD 10/05/18	439,872	451,528
	XCEL ENERGY INC	4.800% 09/15/2041 DD 09/12/11	410,320	451,412
	L3HARRIS TECHNOLOGIES INC	144A 3.950% 05/28/2024 DD 05/28/19	451,367	451,363
	VOLKSWAGEN GROUP OF AMERI	144A 2.500% 09/24/2021 DD 09/26/19	444,381	448,880
	UNITEDHEALTH GROUP INC	3.875% 12/15/2028 DD 12/17/18	417,033	448,448
	CHARTER COMMUNICATIONS OPERATI	4.800% 03/01/2050 DD 10/24/19	433,101	448,163
	AIR LIQUIDE FINANCE SA	144A 2.500% 09/27/2026 DD 09/27/16	448,299	447,404
	UNITEDHEALTH GROUP INC	3.500% 08/15/2039 DD 07/25/19	420,818	446,331
	BANK OF AMERICA CORP	3.875% 08/01/2025 DD 07/30/15	446,453	445,942
	WILLIS NORTH AMERICA INC	5.050% 09/15/2048 DD 09/10/18	447,193	445,938
	TORONTO-DOMINION BANK/THE VAR RT	09/17/2020 DD 09/17/18	445,000	445,619
	SOUTHERN CALIFORNIA EDISON CO	4.875% 03/01/2049 DD 03/15/19	374,423	444,889
	EVERGY METRO INC	4.200% 03/15/2048 DD 03/01/18	384,665	441,603
	KOREA INTERNATIONAL BOND	3.500% 09/20/2028 DD 09/20/18	403,143	439,834
	PUGET SOUND ENERGY INC	3.250% 09/15/2049 DD 08/30/19	443,498	438,456
	AFLAC INC	3.625% 06/15/2023 DD 06/10/13	428,243	436,700
	COOPERATIEVE RABOBANK UA/NY VAR RT	04/26/2021 DD 04/26/18	435,000	436,496

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	BRISTOL-MYERS SQUIBB CO 144A 4.550% 02/20/2048 DD 08/20/19		439,600	434,989
	PFIZER INC 4.300% 06/15/2043 DD 06/03/13		444,862	434,532
	ALLERGAN FINANCE LLC 4.625% 10/01/2042 DD 10/02/12		437,066	434,480
	GEORGE WASHINGTON UNIVERSITY/T 4.868% 09/15/2045 DD 07/01/15		427,469	432,799
	ORACLE CORP 4.125% 05/15/2045 DD 05/05/15		387,049	429,404
	NORTHERN NATURAL GAS CO 144A 4.300% 01/15/2049 DD 07/17/18		439,831	428,640
	MARKEL CORP 4.300% 11/01/2047 DD 11/02/17		410,329	428,503
	MEDTRONIC INC 4.625% 03/15/2045 DD 03/15/15		368,696	428,250
	ROCKWELL COLLINS INC 2.800% 03/15/2022 DD 04/10/17		406,832	427,396
	MOLSON COORS BEVERAGE CO 5.000% 05/01/2042 DD 05/03/12		431,907	426,449
	SOUTHERN COPPER CORP 5.875% 04/23/2045		336,032	426,231
	BANK OF MONTREAL 1.900% 08/27/2021 DD 08/29/16		415,081	425,803
	INTERNATIONAL BUSINESS MACHINE 2.850% 05/13/2022 DD 05/15/19		415,390	424,387
	NEW YORK LIFE INSURANCE C 144A 4.450% 05/15/2069 DD 04/04/19		446,825	424,138
	WYETH LLC 6.500% 02/01/2034 DD 12/16/03		395,112	422,274
	EQUITABLE HOLDINGS INC 5.000% 04/20/2048 DD 10/20/18		389,854	420,837
	WELLTOWER INC 6.500% 03/15/2041 DD 03/14/11		393,176	420,140
	AMGEN INC 5.150% 11/15/2041 DD 11/10/11		360,684	417,664
	AETNA INC 4.125% 11/15/2042 DD 11/07/12		415,032	416,988
	APPLE INC 2.950% 09/11/2049 DD 09/11/19		426,861	416,924
	LG CORP		370,057	416,718
	MARTIN MARIETTA MATERIALS INC 4.250% 12/15/2047 DD 12/20/17		398,724	415,924
	WELLS FARGO BANK NA VAR RT 01/15/2020 DD 01/23/18		415,000	415,062
	GOODMAN US FINANCE FOUR L 144A 4.500% 10/15/2037 DD 09/27/17		384,384	413,910
	CANADIAN NATURAL RESOURCES LTD 6.750% 02/01/2039 DD 01/17/08		400,276	413,693
	PECO ENERGY CO 3.000% 09/15/2049 DD 09/10/19		423,326	413,282
	AON PLC 4.000% 11/27/2023 DD 11/26/13		413,256	413,022
	SKY LTD 144A 3.750% 09/16/2024 DD 09/16/14		410,167	412,424
	GOLDMAN SACHS GROUP INC/THE 5.150% 05/22/2045 DD 05/22/15		332,834	411,795
	MONDELEZ INTERNATIONAL HO 144A 2.125% 09/19/2022 DD 09/19/19		409,893	410,086
	ENERGEN CORP 4.625% 09/01/2021 DD 08/05/11		412,824	409,396
	CSX CORP 3.350% 09/15/2049 DD 09/12/19		410,198	409,335
	ASTRAZENECA PLC 6.450% 09/15/2037 DD 09/12/07		366,954	409,036
	AETNA INC 3.875% 08/15/2047 DD 08/10/17		398,440	406,888
	UNITEDHEALTH GROUP INC 3.500% 02/15/2024 DD 12/17/18		386,761	406,456
	COMCAST CABLE COMMUNICATIONS H 9.455% 11/15/2022 DD 11/18/02		409,249	404,854
	CHARTER COMMUNICATIONS OPERATI 6.484% 10/23/2045 DD 10/23/16		379,993	402,912
	ABBVIE INC 144A 2.950% 11/21/2026 DD 11/21/19		394,530	402,173
	GILEAD SCIENCES INC 4.150% 03/01/2047 DD 09/20/16		366,624	401,062
	BANK OF MONTREAL VAR RT 06/15/2020 DD 06/15/17		400,000	400,652
	ALABAMA POWER CO 3.450% 10/01/2049 DD 09/17/19		388,694	400,144
	CVS HEALTH CORP 4.300% 03/25/2028 DD 03/09/18		366,416	398,741
	MPLX LP 5.500% 02/15/2049 DD 11/15/18		343,109	397,632
	TRANSCANADA PIPELINES LTD 4.625% 03/01/2034 DD 02/28/14		392,869	393,535
	WEC ENERGY GROUP INC 3.375% 06/15/2021 DD 06/07/18		384,842	392,816
	CANADIAN NATURAL RESOURCES LTD 6.500% 02/15/2037 DD 08/17/06		391,101	392,250
	BAYER US FINANCE II LLC 144A 3.950% 04/15/2045 DD 04/15/18		380,736	391,044
	BROADCOM INC 144A 3.125% 04/15/2021 DD 04/05/19		384,546	389,674
	CIGNA CORP 144A 4.500% 02/25/2026 DD 08/25/19		390,521	389,570
	FISERV INC 3.500% 07/01/2029 DD 06/24/19		388,237	388,900
	SOUTHERN COPPER CORP 6.750% 04/16/2040 DD 04/16/10		376,275	387,278
	TRAVELERS PROPERTY CASUALTY CO 6.375% 03/15/2033 DD 03/11/03		297,590	386,498
	HESS CORP 5.800% 04/01/2047 DD 09/28/16		352,731	385,793
	NORTHERN STATES POWER CO/MN 3.600% 09/15/2047 DD 09/13/17		390,358	385,470
	DOMINION ENERGY GAS HOLDINGS L 3.900% 11/15/2049 DD 11/21/19		384,800	384,534
	TRUSTEES OF BOSTON COLLEGE 3.129% 07/01/2052 DD 10/24/19		390,000	384,115
	BANK OF AMERICA CORP VAR RT 12/20/2023 DD 12/20/17		377,779	383,756
	MARATHON PETROLEUM CORP 6.500% 03/01/2041 DD 09/01/11		355,011	383,167
	TOYOTA AUTO RECEIVABLES A A2A 2.830% 10/15/2021 DD 02/13/19		381,105	382,474
	CSX CORP 4.100% 03/15/2044 DD 10/22/12		345,457	382,008
	CREDIT SUISSE AG/NEW YORK NY 2.100% 11/12/2021 DD 11/12/19		379,954	381,797
	GOLDMAN SACHS GROUP INC/THE 4.750% 10/21/2045 DD 10/21/15		311,380	378,454
	APACHE CORP 4.250% 01/15/2044 DD 12/03/12		390,947	378,135
	JPMORGAN CHASE & CO 5.400% 01/06/2042 DD 12/22/11		306,275	376,992
	AON CORP 2.200% 11/15/2022 DD 11/15/19		374,925	376,766
	KINDER MORGAN ENERGY PARTNERS 7.300% 08/15/2033 DD 08/19/02		248,274	375,147
	SOUTHWESTERN PUBLIC SERVICE CO 3.300% 06/15/2024 DD 06/09/14		374,962	374,702
	DIAMONDBACK ENERGY INC 2.875% 12/01/2024 DD 12/05/19		369,848	374,322
	HUMANA INC 4.950% 10/01/2044 DD 09/19/14		369,957	372,132

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	COMCAST CORP	4.200% 08/15/2034 DD 08/12/14	327,993	370,919
	CONOCOPHILLIPS CO	4.300% 11/15/2044 DD 11/12/14	313,261	369,807
	COCA-COLA FEMSA SAB DE CV	3.875% 11/26/2023 DD 11/26/13	372,939	369,803
	KIMCO REALTY CORP	4.450% 09/01/2047 DD 08/10/17	332,518	367,532
	MITSUBISHI UFJ FINANCIAL GROUP	3.455% 03/02/2023 DD 03/02/18	355,000	367,414
	ALTRIA GROUP INC	5.375% 01/31/2044 DD 10/31/13	316,204	367,224
	COLONIAL PIPELINE CO 144A	3.750% 10/01/2025 DD 09/22/15	366,801	367,121
	CITIGROUP INC VAR RT	11/05/2030 DD 11/05/19	360,000	365,602
	FMC CORP	4.500% 10/01/2049 DD 09/20/19	334,829	365,552
	UNITEDHEALTH GROUP INC	3.700% 08/15/2049 DD 07/25/19	357,860	365,456
	MCDONALD'S CORP	4.600% 05/26/2045 DD 05/26/15	322,806	364,285
	WESTPAC BANKING CORP VAR RT	01/25/2021 DD 01/25/18	363,000	363,421
	SOUTHERN CALIFORNIA EDISON CO	4.125% 03/01/2048 DD 03/05/18	303,974	363,293
	PLAINS ALL AMERICAN PIPELINE L	5.150% 06/01/2042 DD 03/22/12	350,258	363,247
	NISOURCE INC	3.490% 05/15/2027 DD 05/22/17	360,905	362,947
	WASTE MANAGEMENT INC	4.150% 07/15/2049 DD 05/22/19	369,993	360,436
	ENTERPRISE PRODUCTS OPERATING	4.200% 01/31/2050 DD 07/08/19	354,266	359,599
	BLACK HILLS CORP	3.150% 01/15/2027 DD 08/19/16	361,078	359,264
	ONCOR ELECTRIC DELIVERY CO LLC	7.000% 05/01/2032 DD 11/01/02	326,915	358,673
	BANK OF AMERICA CORP VAR RT	02/07/2030 DD 02/07/19	325,000	356,808
	SEMPRA ENERGY	2.400% 02/01/2020 DD 01/12/18	354,517	355,025
	PRAXAIR INC	3.550% 11/07/2042 DD 11/07/12	326,519	354,538
	PACIFIC LIFE INSURANCE CO 144A VAR RT	10/24/2067 DD 10/24/17	354,158	352,275
	WR BERKLEY CORP	6.250% 02/15/2037 DD 02/14/07	248,727	350,838
	CONCHO RESOURCES INC	4.850% 08/15/2048 DD 07/02/18	299,220	350,235
	EASTMAN CHEMICAL CO	3.500% 12/01/2021 DD 11/06/18	339,072	348,786
	PROVINCE OF QUEBEC CANADA	2.500% 04/09/2024 DD 04/09/19	339,143	348,327
	CONSTELLATION BRANDS INC	5.250% 11/15/2048 DD 10/29/18	279,608	346,674
	DANSKE BANK A/S 144A	5.000% 01/12/2022 DD 01/16/19	324,093	341,377
	LLOYDS BANKING GROUP PLC	4.344% 01/09/2048 DD 01/09/18	315,000	341,088
	COMMONWEALTH EDISON CO	3.700% 03/01/2045 DD 03/02/15	347,680	340,672
	PANASONIC CORP 144A	2.679% 07/19/2024 DD 07/19/19	335,000	340,528
	WALT DISNEY CO/THE	4.750% 11/15/2046 DD 11/15/19	347,770	338,421
	CITIGROUP INC	6.125% 08/25/2036 DD 08/25/06	259,598	337,350
	JOHNSON CONTROLS INTERNATIONAL STEP	07/02/2064 DD 07/02/2016	336,090	336,473
	BOSTON SCIENTIFIC CORP	3.375% 05/15/2022 DD 05/12/15	329,586	335,647
	SUNCOR ENERGY INC	6.800% 05/15/2038 DD 05/15/08	303,636	334,797
	MARSH & MCLENNAN COS INC	3.875% 03/15/2024 DD 01/15/19	329,732	330,708
	WALMART INC	2.350% 12/15/2022 DD 10/20/17	322,485	330,688
	ACE CAPITAL TRUST II	9.700% 04/01/2030 DD 03/31/00	324,566	330,000
	PANAMA GOVERNMENT INTERNATIONA	3.160% 01/23/2030 DD 07/23/19	328,957	329,600
	TRUIST BANK	2.150% 12/06/2024 DD 12/06/19	329,439	329,479
	BANK OF AMERICA CORP VAR RT	01/23/2022 DD 01/23/18	325,720	327,366
	DUKE ENERGY PROGRESS LLC	6.300% 04/01/2038 DD 03/13/08	246,256	327,313
	ORACLE CORP	3.900% 05/15/2035 DD 05/05/15	309,286	325,688
	SOUTHERN CALIFORNIA EDISON CO	6.050% 03/15/2039 DD 03/20/09	279,285	325,148
	BAKER HUGHES A GE CO LLC / BAK	2.773% 12/15/2022 DD 12/11/17	320,453	321,325
	CONOCOPHILLIPS	6.500% 02/01/2039 DD 02/03/09	322,252	320,621
	MEDTRONIC INC	4.375% 03/15/2035 DD 03/15/15	292,893	319,702
	DUKE ENERGY FLORIDA LLC	4.200% 07/15/2048 DD 06/21/18	274,618	318,890
	CITIGROUP INC VAR RT	01/10/2028 DD 01/10/17	295,000	317,924
	ALLY AUTO RECEIVABLES TRU 1 A2	2.850% 03/15/2022 DD 02/13/19	316,881	317,730
	COMCAST CORP	3.200% 07/15/2036 DD 07/19/16	262,979	317,381
	WASTE MANAGEMENT INC	4.000% 07/15/2039 DD 05/22/19	324,077	317,102
	JOHN DEERE OWNER TRUST 20 B A2	2.830% 04/15/2021 DD 07/25/18	313,639	313,941
	HSBC HOLDINGS PLC	6.800% 06/01/2038 DD 05/27/08	268,904	313,480
	TEXAS EASTERN TRANSMISSIO 144A	3.500% 01/15/2028 DD 01/09/18	303,417	313,351
	BAYER US FINANCE II LLC 144A	4.375% 12/15/2028 DD 06/25/18	311,505	311,103
	UNITED TECHNOLOGIES CORP	3.750% 11/01/2046 DD 11/01/16	240,494	310,584
	DEUTSCHE BANK AG/NEW YORK NY	4.250% 02/04/2021 DD 10/04/18	304,686	309,877
	ANHEUSER-BUSCH INBEV WORLDWIDE	4.900% 01/23/2031 DD 01/23/19	308,337	309,876
	ASTRAZENECA PLC	4.375% 08/17/2048 DD 08/17/18	271,498	309,698
	JPMORGAN CHASE & CO	3.200% 06/15/2026 DD 06/07/16	308,390	308,225
	GOLDMAN SACHS GROUP INC/THE	2.350% 11/15/2021 DD 09/27/16	304,378	306,211
	SOUTHERN CALIFORNIA EDISON CO	4.000% 04/01/2047 DD 03/24/17	313,703	305,327
	MICROSOFT CORP	3.700% 08/08/2046 DD 08/08/16	307,249	305,303
	WELLS FARGO & CO VAR RT	10/30/2025 DD 10/31/19	305,000	305,287
	CITIGROUP INC	6.625% 01/15/2028 DD 01/09/98	281,539	303,535
	CIGNA CORP 144A	6.125% 11/15/2041 DD 05/15/19	306,785	302,758

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		CATERPILLAR FINANCIAL SERVICES 2.950% 02/26/2022 DD 02/26/19	300,844	301,726
		TRUIST BANK VAR RT 08/02/2022 DD 07/26/18	300,528	301,720
		GE CAPITAL INTERNATIONAL FUNDI 2.342% 11/15/2020 DD 05/15/16	299,763	300,243
		FORD CREDIT AUTO OWNER T C A2A 1.880% 07/15/2022 DD 11/22/19	299,973	299,781
		PFIZER INC 4.000% 03/15/2049 DD 03/11/19	255,754	299,307
		SOUTHERN CALIFORNIA EDISON CO 5.350% 07/15/2035 DD 06/27/05	236,405	298,988
		ENTERPRISE PRODUCTS OPERATING 4.800% 02/01/2049 DD 10/11/18	289,207	297,212
		ANTHEM INC 4.101% 03/01/2028 DD 03/02/18	294,332	293,382
		COCA-COLA FEMSA SAB DE CV 5.250% 11/26/2043 DD 11/26/13	271,505	293,208
		ANHEUSER-BUSCH INBEV WORLDWIDE 5.550% 01/23/2049 DD 01/23/19	290,075	292,347
		VERIZON COMMUNICATIONS INC 4.862% 08/21/2046 DD 02/21/15	286,637	291,729
		SHELL INTERNATIONAL FINANCE BV 3.250% 05/11/2025 DD 05/11/15	289,487	291,495
		JPMORGAN CHASE BANK NA VAR RT 02/01/2021 DD 02/01/18	289,400	290,154
		SOUTHERN CALIFORNIA GAS CO 4.125% 06/01/2048 DD 05/15/18	259,727	289,471
		GENERAL MOTORS CO 5.000% 10/01/2028 DD 09/10/18	267,361	288,720
		BROOKLYN UNION GAS CO/THE 144A 4.487% 03/04/2049 DD 03/04/19	250,000	287,560
		KINDER MORGAN ENERGY PARTNERS 6.500% 02/01/2037 DD 01/30/07	264,302	286,893
		SOUTHERN CALIFORNIA EDISON CO 2.400% 02/01/2022 DD 01/16/15	284,980	286,488
		ALIBABA GROUP HOLDING LTD 4.200% 12/06/2047 DD 12/06/17	292,041	283,313
		BP CAPITAL MARKETS PLC 3.814% 02/10/2024 DD 02/10/14	281,472	283,113
		JPMORGAN CHASE & CO VAR RT 01/23/2049 DD 01/23/18	227,890	281,370
		BAT CAPITAL CORP 3.557% 08/15/2027 DD 08/15/18	270,130	280,783
		JPMORGAN CHASE & CO 2.972% 01/15/2023 DD 12/08/16	277,921	280,206
		LLOYDS BANKING GROUP PLC VAR RT 03/17/2023 DD 09/17/19	275,954	278,801
		ENTERPRISE PRODUCTS OPERATING 4.850% 08/15/2042 DD 02/15/12	243,610	278,698
		AGILENT TECHNOLOGIES INC 2.750% 09/15/2029 DD 09/16/19	278,085	278,012
		VALERO ENERGY PARTNERS LP 4.375% 12/15/2026 DD 12/09/16	263,765	277,874
		TRANSCANADA PIPELINES LTD 7.625% 01/15/2039 DD 01/09/09	260,088	277,607
		ITC HOLDINGS CORP 3.650% 06/15/2024 DD 06/04/14	277,842	277,466
		FMC CORP 3.200% 10/01/2026 DD 09/20/19	269,727	275,810
		TECK RESOURCES LTD 6.250% 07/15/2041 DD 07/05/11	256,702	275,148
		KLA CORP 4.650% 11/01/2024 DD 11/06/14	274,018	274,413
		BOEING CO/THE 2.700% 05/01/2022 DD 05/02/19	269,522	274,236
		SHELL INTERNATIONAL FINANCE BV 4.000% 05/10/2046 DD 05/10/16	234,139	273,506
		PANAMA GOVERNMENT INTERNATIONA 4.000% 09/22/2024 DD 09/22/14	272,468	273,105
		UNITEDHEALTH GROUP INC 4.375% 03/15/2042 DD 03/08/12	234,608	271,637
		MYLAN INC 4.550% 04/15/2028 DD 10/15/18	254,910	269,143
		PANAMA GOVERNMENT INTERNATIONA 3.870% 07/23/2060 DD 07/23/19	266,250	269,125
		ALEXANDRIA REAL ESTATE EQUITIE 4.850% 04/15/2049 DD 03/21/19	219,888	268,646
		NUTRIEN LTD 5.000% 04/01/2049 DD 04/01/19	221,121	268,346
		NATIONAL RURAL UTILITIES COOPE 2.300% 09/15/2022 DD 08/30/17	265,912	267,393
		LINCOLN NATIONAL CORP 3.050% 01/15/2030 DD 08/19/19	266,112	265,943
		COMMONSPIRIT HEALTH 2.950% 11/01/2022 DD 10/31/12	263,900	264,922
		WELLTOWER INC 4.950% 09/01/2048 DD 08/16/18	219,074	264,216
		EXELON CORP 3.950% 06/15/2025 DD 12/15/15	253,477	263,586
		PANASONIC CORP 144A 2.536% 07/19/2022 DD 07/19/19	260,000	262,259
		EQUINOR ASA 3.150% 01/23/2022 DD 11/23/11	262,492	262,181
		CARMAX AUTO OWNER TRUST 3 A2A 2.880% 10/15/2021 DD 07/25/18	260,941	261,471
		COLOMBIA GOVERNMENT INTERNATIO 5.000% 06/15/2045	219,038	261,338
		GRUPO TELEVISA SAB 5.000% 05/13/2045 DD 05/13/14	241,335	261,068
		BBVA USA 3.500% 06/11/2021 DD 06/11/18	259,957	259,422
		MARATHON PETROLEUM CORP 3.800% 04/01/2028 DD 04/01/19	243,280	257,909
		MARSH & MCLENNAN COS INC 3.500% 06/03/2024 DD 05/30/14	245,237	257,385
		NORTHROP GRUMMAN CORP 4.030% 10/15/2047 DD 10/13/17	258,775	256,931
		NORTHROP GRUMMAN CORP 3.250% 01/15/2028 DD 10/13/17	255,861	255,699
		CAMERON LNG LLC 144A 3.701% 01/15/2039 DD 12/13/19	250,000	255,460
		UNION ELECTRIC CO 4.000% 04/01/2048 DD 04/06/18	268,425	255,272
		CITIGROUP INC VAR RT 07/24/2023 DD 07/24/17	247,803	254,230
		ERP OPERATING LP 3.000% 07/01/2029 DD 06/26/19	243,971	253,800
		EMBRAER SA 5.150% 06/15/2022 DD 06/15/12	250,200	253,442
		MARSH & MCLENNAN COS INC 3.500% 03/10/2025 DD 09/10/14	252,430	253,368
		CIMAREX ENERGY CO 4.375% 03/15/2029 DD 03/08/19	246,550	249,286
		ENTERGY LOUISIANA LLC 4.000% 03/15/2033 DD 03/23/18	219,657	248,963
		COLOMBIA GOVERNMENT INTERNATIO 5.625% 02/26/2044	244,250	248,500
		CONTINENTAL RESOURCES INC/OK 3.800% 06/01/2024 DD 05/19/14	244,596	248,230
		WESTERN MIDSTREAM OPERATING LP 5.450% 04/01/2044 DD 03/20/14	260,088	248,111
		CONSUMERS ENERGY CO 3.100% 08/15/2050 DD 09/03/19	245,235	244,569
		LABORATORY CORP OF AMERICA HOL 2.300% 12/01/2024 DD 11/25/19	244,434	244,052
		BRISTOL-MYERS SQUIBB CO 144A 5.000% 08/15/2045 DD 08/15/19	250,359	243,730

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	WELLS FARGO & CO	5.375% 02/07/2035 DD 02/07/05	218,064	243,692
	CENTERPOINT ENERGY HOUSTON ELE	6.950% 03/15/2033 DD 09/15/03	149,480	239,795
	ABBVIE INC	4.500% 05/14/2035 DD 05/14/15	209,562	236,849
	ENTERPRISE PRODUCTS OPERATING	4.250% 02/15/2048 DD 02/15/18	207,280	236,366
	ASCENSION HEALTH	3.106% 11/15/2039 DD 10/23/19	241,040	235,769
	FEDEX CORP	4.750% 11/15/2045 DD 10/23/15	238,812	234,850
	NOBLE ENERGY INC	6.000% 03/01/2041 DD 02/18/11	202,944	234,681
	SOUTHERN CO/THE	4.250% 07/01/2036 DD 05/24/16	215,091	232,874
	PANAMA GOVERNMENT INTERNATIONA	4.300% 04/29/2053	226,360	232,500
	PANAMA GOVERNMENT INTERNATIONA	3.870% 07/23/2060	234,866	231,448
	WALT DISNEY CO/THE VAR RT	09/01/2021 DD 09/06/19	230,000	230,598
	VENTAS REALTY LP	5.700% 09/30/2043 DD 09/26/13	184,312	230,297
	GENERAL ELECTRIC CO	5.550% 01/05/2026 DD 01/05/06	212,530	218,014
	FIRSTENERGY TRANSMISSION 144A	4.550% 04/01/2049 DD 03/28/19	226,613	217,822
	PNC BANK NA	2.950% 02/23/2025 DD 02/23/15	216,907	217,449
	HSBC HOLDINGS PLC VAR RT	03/13/2023 DD 03/13/17	214,402	214,801
	CIGNA CORP 144A	4.800% 07/15/2046 DD 07/15/19	205,788	214,737
	SYNCHRONY FINANCIAL	4.250% 08/15/2024 DD 08/11/14	210,752	213,470
	UNITED TECHNOLOGIES CORP	1.950% 11/01/2021 DD 11/01/16	207,877	212,462
	CONCHO RESOURCES INC	3.750% 10/01/2027 DD 09/26/17	202,436	210,368
	HYUNDAI MOTOR CO		188,943	210,163
	BOEING CO/THE	2.700% 02/01/2027 DD 07/31/19	209,239	207,852
	VIACOMCBS INC	4.375% 03/15/2043 DD 03/15/13	207,663	206,751
	KROGER CO/THE	3.850% 08/01/2023 DD 07/25/13	193,701	206,271
	VERIZON COMMUNICATIONS INC	5.012% 04/15/2049 DD 02/03/17	198,520	205,139
	AON PLC	3.875% 12/15/2025 DD 03/01/16	189,947	204,510
	OCCIDENTAL PETROLEUM CORP	4.400% 08/15/2049 DD 08/08/19	195,107	204,447
	MCDONALD'S CORP	3.625% 05/01/2043 DD 05/06/13	204,225	204,268
	KEYBANK NA/CLEVELAND OH	3.900% 04/13/2029 DD 03/13/19	189,335	204,115
	KROGER CO/THE	5.400% 07/15/2040 DD 07/13/10	181,949	203,670
	SOUTHERN CO GAS CAPITAL CORP	3.950% 10/01/2046 DD 09/13/16	194,655	201,743
	BAYLOR SCOTT & WHITE HOLDINGS	4.185% 11/15/2045 DD 04/22/15	203,850	201,314
	GOLDMAN SACHS BANK USA/NEW YOR	3.200% 06/05/2020 DD 06/07/18	199,954	201,088
	HSBC HOLDINGS PLC VAR RT	11/07/2025 DD 11/07/19	200,000	200,798
	LOWE'S COS INC	4.550% 04/05/2049 DD 04/05/19	169,539	200,716
	KEYCORP	2.550% 10/01/2029 DD 09/11/19	199,662	200,476
	NISOURCE INC	2.950% 09/01/2029 DD 08/12/19	201,238	199,334
	PACKAGING CORP OF AMERICA	4.050% 12/15/2049 DD 11/21/19	188,328	197,528
	MARKEL CORP	3.500% 11/01/2027 DD 11/02/17	180,236	196,836
	CAPITAL ONE FINANCIAL CORP	4.750% 07/15/2021 DD 07/19/11	197,596	196,834
	AETNA INC	4.750% 03/15/2044 DD 03/07/14	165,391	195,489
	MARKEL CORP	5.000% 05/20/2049 DD 05/20/19	164,289	194,449
	VALE OVERSEAS LTD	6.250% 08/10/2026 DD 08/10/16	189,833	193,677
	ROGERS COMMUNICATIONS INC	3.700% 11/15/2049 DD 11/12/19	187,959	191,805
	INTERNATIONAL FLAVORS & FRAGRA	3.400% 09/25/2020 DD 09/26/18	189,939	191,626
	EMBRAER NETHERLANDS FINANCE BV	5.400% 02/01/2027 DD 02/01/17	183,515	191,337
	FORD MOTOR CREDIT CO LLC	3.664% 09/08/2024 DD 09/08/14	186,257	191,043
	AMERICA MOVIL SAB DE CV	3.625% 04/22/2029 DD 04/22/19	178,931	189,490
	AMERICA MOVIL SAB DE CV	3.125% 07/16/2022 DD 07/16/12	185,093	189,259
	GOLDMAN SACHS GROUP INC/THE	4.800% 07/08/2044 DD 07/08/14	167,071	187,747
	GENERAL MOTORS CO	5.150% 04/01/2038 DD 08/07/17	179,887	184,138
	SOUTHERN CALIFORNIA GAS CO	3.200% 06/15/2025 DD 06/18/15	176,834	182,669
	NEXTERA ENERGY CAPITAL HOLDING	3.250% 04/01/2026 DD 04/04/19	181,911	182,308
	BAT CAPITAL CORP	4.390% 08/15/2037 DD 08/15/18	180,000	182,279
	TRUIST FINANCIAL CORP	2.200% 03/16/2023 DD 09/16/19	179,583	181,195
	BROADCOM CORP / BROADCOM CAYMA	3.500% 01/15/2028 DD 10/17/17	172,363	181,132
	FEDEX CORP	4.950% 10/17/2048 DD 10/17/18	183,873	180,388
	SPIRIT REALTY LP	3.200% 01/15/2027 DD 09/16/19	179,831	180,293
	US BANK NA/CINCINNATI OH	2.050% 10/23/2020 DD 10/24/17	179,307	180,232
	ENTERGY MISSISSIPPI LLC	3.850% 06/01/2049 DD 06/05/19	162,860	180,215
	SUMITOMO MITSUI FINANCIAL GROU	3.010% 10/19/2026 DD 10/19/16	178,427	179,337
	FEDEX CORP	3.900% 02/01/2035 DD 01/09/15	174,199	178,402
	INTERNATIONAL PAPER CO	4.350% 08/15/2048 DD 08/09/17	148,719	175,684
	UBS GROUP AG 144A VAR RT	08/15/2023 DD 08/15/17	168,560	172,727
	SOUTHWESTERN PUBLIC SERVICE CO	3.750% 06/15/2049 DD 06/18/19	157,982	172,162
	HARTFORD FINANCIAL SERVICES GR	2.800% 08/19/2029 DD 08/19/19	169,456	171,987
	FOMENTO ECONOMICO MEXICANO SAB	2.875% 05/10/2023 DD 05/10/13	165,532	171,557
	GOLDMAN SACHS GROUP INC/THE VAR RT	04/23/2039 DD 04/23/18	168,690	170,931
	DTE ENERGY CO	3.400% 06/15/2029 DD 06/13/19	168,600	170,127

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	DTE ENERGY CO	2.250% 11/01/2022 DD 11/05/19	169,747	169,986
	HCA INC	4.125% 06/15/2029 DD 06/12/19	168,796	169,773
	CONSTELLATION BRANDS INC	4.400% 11/15/2025 DD 10/29/18	169,618	169,381
	COOPERATIEVE RABOBANK UA	3.950% 11/09/2022 DD 11/09/12	162,914	167,298
	WILLIAMS COS INC/THE	5.800% 11/15/2043 DD 11/15/13	158,007	166,741
	NEXTERA ENERGY CAPITAL HOLDING	3.342% 09/01/2020 DD 08/09/18	164,984	166,444
	BERKSHIRE HATHAWAY FINANCE COR	4.200% 08/15/2048 DD 08/15/18	139,290	165,757
	ATMOS ENERGY CORP	4.300% 10/01/2048 DD 10/04/18	139,299	164,084
	WESTERN MIDSTREAM OPERATING LP	5.500% 08/15/2048 DD 08/09/18	199,362	162,730
	BERKSHIRE HATHAWAY FINANCE COR	4.300% 05/15/2043 DD 05/15/13	137,253	161,875
	WELLS FARGO BANK NA VAR RT	05/27/2022 DD 05/28/19	155,305	157,043
	HASHEMITE KINGDOM OF JORDAN GO	3.000% 06/30/2025 DD 06/30/15	150,565	154,180
	CARDINAL HEALTH INC	4.900% 09/15/2045 DD 06/23/15	140,422	151,310
	ANTHEM INC	3.700% 09/15/2049 DD 09/09/19	149,084	149,769
	JPMORGAN CHASE & CO VAR RT	05/01/2028 DD 04/25/17	147,903	148,753
	MPLX LP 144A	4.250% 12/01/2027 DD 06/01/19	146,976	147,407
	AMERICAN INTERNATIONAL GROUP I	3.875% 01/15/2035 DD 01/15/15	142,987	143,347
	BANK OF AMERICA CORP VAR RT	04/24/2023 DD 04/24/17	136,541	142,356
	COMMONSPIRIT HEALTH	2.760% 10/01/2024 DD 08/21/19	140,000	141,296
	AMERICA MOVIL SAB DE CV	5.000% 03/30/2020 DD 03/30/10	142,609	140,860
	UBS AG/LONDON 144A	2.450% 12/01/2020 DD 11/30/17	137,042	140,477
	BANK OF AMERICA CORP VAR RT	07/23/2029 DD 07/23/18	138,711	138,940
	TRUIST FINANCIAL CORP	3.050% 06/20/2022 DD 03/18/19	138,154	138,374
	JPMORGAN CHASE & CO VAR RT	01/23/2029 DD 01/23/18	137,620	138,180
	PANAMA GOVERNMENT INTERNATIONA	7.125% 01/29/2026 DD 11/29/05	129,522	137,500
	LEAR CORP	5.250% 05/15/2049 DD 05/01/19	123,031	137,041
	MICROSOFT CORP	5.300% 02/08/2041 DD 02/08/11	107,323	136,735
	LLOYDS BANK PLC	2.250% 08/14/2022 DD 08/14/19	134,564	135,670
	MEXICO GOVERNMENT INTERNATIONA	3.750% 01/11/2028 DD 01/11/18	135,642	135,070
	MIZUHO FINANCIAL GROUP INC VAR RT	09/13/2025 DD 09/13/19	134,256	135,039
	DOMINION ENERGY INC	3.900% 10/01/2025 DD 09/24/15	132,798	134,306
	NORTHROP GRUMMAN CORP	2.930% 01/15/2025 DD 10/13/17	127,030	134,056
	AMERICA MOVIL SAB DE CV	6.125% 03/30/2040 DD 03/30/10	111,298	133,988
	APACHE CORP	4.750% 04/15/2043 DD 04/09/12	136,367	130,441
	MITSUBISHI UFJ FINANCIAL GROUP	3.195% 07/18/2029 DD 07/18/19	129,134	129,569
	NORFOLK SOUTHERN CORP	3.400% 11/01/2049 DD 11/04/19	128,816	129,156
	ALEXANDRIA REAL ESTATE EQUITIE	3.950% 01/15/2028 DD 03/03/17	129,292	128,940
	TEACHERS INSURANCE & ANNU 144A	6.850% 12/16/2039 DD 12/16/09	87,888	128,109
	TEXAS EASTERN TRANSMISSIO 144A	4.150% 01/15/2048 DD 01/09/18	132,030	127,633
	OCCIDENTAL PETROLEUM CORP	4.300% 08/15/2039 DD 08/08/19	129,973	127,463
	DELL INTERNATIONAL LLC / 144A	4.900% 10/01/2026 DD 03/20/19	114,704	126,638
	CENTERPOINT ENERGY INC	3.850% 02/01/2024 DD 10/05/18	120,959	126,592
	VIRGINIA ELECTRIC & POWER CO	3.150% 01/15/2026 DD 01/14/16	123,630	125,459
	TRUIST BANK	3.300% 05/15/2026 DD 05/16/16	119,161	124,897
	BROADCOM INC 144A	3.625% 10/15/2024 DD 04/05/19	118,151	124,786
	TENNESSEE GAS PIPELINE CO LLC	7.000% 03/15/2027 DD 03/13/97	115,275	124,564
	SCANA CORP	4.750% 05/15/2021 DD 05/12/11	121,967	122,698
	MIZUHO FINANCIAL GROUP INC VAR RT	07/16/2030 DD 07/16/19	122,287	122,675
	CONSTELLATION BRANDS INC	4.750% 12/01/2025 DD 12/04/15	111,983	122,597
	DIAGEO INVESTMENT CORP	2.875% 05/11/2022 DD 05/11/12	121,705	122,424
	FIFTH THIRD BANCORP	2.600% 06/15/2022 DD 06/15/17	118,861	121,530
	APACHE CORP	4.750% 04/15/2043 DD 04/09/12	111,834	120,778
	AMERICAN WATER CAPITAL CORP	3.750% 09/01/2028 DD 08/09/18	119,632	118,900
	BURLINGTON NORTHERN SANTA FE L	6.700% 08/01/2028 DD 07/30/98	88,182	117,742
	CANADIAN NATURAL RESOURCES LTD	3.850% 06/01/2027 DD 05/30/17	114,769	117,156
	TRUIST FINANCIAL CORP	3.750% 12/06/2023 DD 12/06/18	116,740	116,691
	TRUIST FINANCIAL CORP	2.500% 08/01/2024 DD 07/29/19	116,442	116,514
	CLEVELAND ELECTRIC ILLUMI 144A	4.550% 11/15/2030 DD 11/02/18	99,925	112,341
	SUMITOMO MITSUI FINANCIAL GROU	3.784% 03/09/2026 DD 03/09/16	111,884	112,274
	SUMITOMO MITSUI FINANCIAL GROU	3.040% 07/16/2029 DD 07/16/19	110,113	112,252
	URUGUAY GOVERNMENT INTERNATION	4.975% 04/20/2055 DD 04/20/18	111,151	111,938
	FIRSTENERGY CORP	4.250% 03/15/2023 DD 03/05/13	110,457	110,702
	BAT CAPITAL CORP	4.758% 09/06/2049 DD 09/06/19	101,803	108,564
	CONTINENTAL RESOURCES INC/OK	4.375% 01/15/2028 DD 12/08/17	103,884	106,337
	CONCHO RESOURCES INC	4.300% 08/15/2028 DD 07/02/18	102,298	103,587
	MPLX LP	4.000% 03/15/2028 DD 02/08/18	104,655	103,576
	TRUIST FINANCIAL CORP	4.000% 05/01/2025 DD 04/26/18	94,878	103,008
	TRANSCONTINENTAL GAS PIPE LINE	4.600% 03/15/2048 DD 09/15/18	97,629	100,888
	ALABAMA POWER CO	4.150% 08/15/2044 DD 08/26/14	84,323	94,775

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		SEMPRA ENERGY 4.000% 02/01/2048 DD 01/12/18	95,514	94,599
		NOBLE ENERGY INC 5.050% 11/15/2044 DD 11/07/14	91,626	94,521
		ISRAEL ST AID 5.500% 04/26/2024 DD 04/26/04	95,938	92,182
		TD AMERITRADE HOLDING CORP 2.750% 10/01/2029 DD 08/16/19	89,899	90,058
		ENERGY TRANSFER OPERATING LP 5.500% 06/01/2027 DD 12/01/18	89,744	89,940
		SUMITOMO MITSUI FINANCIAL GROU 2.846% 01/11/2022 DD 01/12/17	84,795	88,359
		ENTERGY TEXAS INC 4.000% 03/30/2029 DD 01/08/19	86,402	88,213
		PHILIP MORRIS INTERNATIONAL IN 4.250% 11/10/2044 DD 11/10/14	82,365	82,928
		AIR LEASE CORP 2.250% 01/15/2023 DD 09/16/19	79,429	80,074
		TRANS-ALLEGHENY INTERSTAT 144A 3.850% 06/01/2025 DD 12/11/14	76,845	79,591
		DTE ENERGY CO 3.500% 06/01/2024 DD 05/13/14	77,885	78,311
		SUMITOMO MITSUI FINANCIAL GROU 3.202% 09/17/2029 DD 09/17/19	75,000	76,098
		ENERGY TRANSFER OPERATING LP 6.125% 12/15/2045 DD 06/23/15	68,264	69,583
		AETNA INC 3.500% 11/15/2024 DD 11/10/14	66,894	68,049
		NOBLE ENERGY INC 6.000% 03/01/2041 DD 02/18/11	63,520	66,191
		BURLINGTON NORTHERN SANTA FE L 7.950% 08/15/2030 DD 08/08/00	49,789	65,664
		CENTERPOINT ENERGY INC 2.950% 03/01/2030 DD 08/14/19	64,657	64,088
		HIGHWOODS REALTY LP 4.200% 04/15/2029 DD 03/07/19	55,114	59,165
		IRS R US0003M P 1.7% PUT NOV 20 001.700 ED 112320	39,830	56,416
		COLOMBIA GOVERNMENT INTERNATIO 4.500% 03/15/2029 DD 10/12/18	55,100	55,449
		EMBRAER OVERSEAS LTD 144A 5.696% 09/16/2023 DD 09/16/13	55,100	54,875
		JPMORGAN CHASE & CO VAR RT 05/06/2030 DD 05/06/19	50,000	53,868
		TIME WARNER ENTERTAINMENT CO L 8.375% 03/15/2023 DD 09/15/93	51,094	53,116
		HSBC HOLDINGS PLC VAR RT 03/11/2025 DD 03/11/19	51,429	52,490
		BAXALTA INC 4.000% 06/23/2025 DD 12/23/15	47,879	51,725
		MITSUBISHI UFJ FINANCIAL GROUP 2.623% 07/18/2022 DD 07/18/19	50,000	50,683
		OCCIDENTAL PETROLEUM CORP 4.200% 03/15/2048 DD 03/02/18	49,361	49,670
		TRANSCONTINENTAL GAS PIPE LINE 4.450% 08/01/2042 DD 07/13/12	44,784	45,301
		PPL CAPITAL FUNDING INC 3.100% 05/15/2026 DD 05/17/16	43,042	44,797
		FEDEX CORP 4.050% 02/15/2048 DD 01/31/18	44,244	43,479
		BOEING CO/THE 2.600% 10/30/2025 DD 10/29/15	38,544	40,549
		SUNOCO LOGISTICS PARTNERS OPER 5.950% 12/01/2025 DD 11/17/15	39,928	39,935
		DIGITAL REALTY TRUST LP 4.450% 07/15/2028 DD 06/21/18	34,693	38,759
		CNA FINANCIAL CORP 3.900% 05/01/2029 DD 05/06/19	34,966	37,688
		FORD MOTOR CREDIT CO LLC 3.350% 11/01/2022 DD 08/01/19	34,982	35,355
		WELLS FARGO & CO VAR RT 06/17/2027 DD 06/17/19	30,000	31,129
		SOUTHERN COPPER CORP 5.875% 04/23/2045 DD 04/23/15	20,619	25,071
		GM FINANCIAL AUTOMOBILE 3 A2A 2.890% 09/21/2020 DD 09/26/18	24,838	24,848
		SOUTHERN CALIFORNIA EDISON CO 3.900% 03/15/2043 DD 03/07/13	21,128	20,515
		Corporate Obligations Total	1,257,622,858	1,359,825,806
	U.S. Government Obligations			
		U S TREASURY BOND 2.500% 02/15/2046 DD 02/15/16	79,253,246	75,435,593
		U S TREASURY BOND 3.125% 02/15/2043 DD 02/15/13	74,845,869	71,141,770
		U S TREASURY NOTE 2.500% 01/31/2024 DD 01/31/19	52,471,271	52,297,246
		U S TREASURY BOND 2.875% 05/15/2043 DD 05/15/13	54,747,344	51,640,248
		U S TREASURY BOND 2.250% 08/15/2049 DD 08/15/19	46,284,240	45,989,593
		U S TREASURY BOND 2.875% 05/15/2049 DD 05/15/19	47,339,106	44,849,016
		U S TREASURY NOTE 2.000% 11/30/2022 DD 11/30/15	43,927,284	43,905,155
		U S TREASURY BOND 3.625% 08/15/2043 DD 08/15/13	45,448,047	43,009,050
		U S TREASURY BOND 3.750% 11/15/2043 DD 11/15/13	39,638,672	37,592,700
		U S TREASURY BOND 2.500% 02/15/2045 DD 02/15/15	31,591,735	36,030,778
		U S TREASURY BOND 3.000% 02/15/2049 DD 02/15/19	34,550,983	35,996,939
		U S TREASURY BOND 3.750% 11/15/2043 DD 11/15/13	32,654,847	35,111,582
		U S TREASURY NOTE 2.375% 02/29/2024 DD 02/28/19	27,481,771	27,410,058
		U S TREASURY BOND 2.750% 08/15/2042 DD 08/15/12	25,116,146	24,518,282
		U S TREASURY BOND 2.500% 02/15/2046 DD 02/15/16	22,189,133	24,461,172
		U S TREASURY NOTE 2.625% 02/15/2029 DD 02/15/19	24,241,089	23,788,137
		U S TREASURY BOND 2.875% 05/15/2049 DD 05/15/19	23,331,669	22,507,398
		U S TREASURY BOND 3.000% 02/15/2047 DD 02/15/17	20,396,214	21,563,588
		U S TREASURY BOND 3.000% 11/15/2044 DD 11/15/14	19,038,263	20,561,882
		U S TREASURY NOTE 2.625% 02/28/2023 DD 02/28/18	20,187,263	20,144,568
		U S TREASURY BOND 3.125% 11/15/2041 DD 11/15/11	17,963,834	19,655,422
		U S TREASURY NOTE 2.125% 05/15/2022 DD 05/15/19	19,639,967	19,634,334
		U S TREASURY BOND 3.000% 05/15/2047 DD 05/15/17	15,904,158	17,432,604
		U S TREASURY NOTE 2.500% 02/28/2021 DD 02/28/19	16,445,708	16,439,056
		U S TREASURY BOND 3.000% 05/15/2045 DD 05/15/15	15,552,283	15,838,625
		U S TREASURY NOTE 1.375% 10/15/2022 DD 10/15/19	14,896,289	14,908,650
		U S TREASURY NOTE 1.625% 08/15/2029 DD 08/15/19	15,107,502	14,824,267

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(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(d) Cost	(e) Current value
	U S TREASURY NOTE 2.750% 04/30/2023 DD 04/30/18		14,655,977	14,615,742
	US TREAS-CPI INFLAT 0.125% 04/15/2021 DD 04/15/16		14,354,375	14,459,353
	U S TREASURY BOND 2.250% 08/15/2049 DD 08/15/19		13,763,948	13,502,603
	U S TREASURY NOTE 2.875% 11/30/2023 DD 11/30/18		13,240,946	13,168,888
	U S TREASURY BD PRIN STRIP 0.000% 02/15/2043 DD 02/15/13		7,978,641	12,493,879
	U S TREASURY BOND 3.625% 02/15/2044 DD 02/15/14		10,961,876	11,951,222
	U S TREASURY BOND 2.250% 08/15/2046 DD 08/15/16		12,193,019	11,818,259
	U S TREASURY BOND 3.625% 08/15/2043 DD 08/15/13		10,311,758	11,403,542
	U S TREASURY BOND 4.250% 05/15/2039 DD 05/15/09		10,467,290	11,163,884
	U S TREASURY BOND 3.000% 05/15/2042 DD 05/15/12		9,524,648	10,557,942
	U S TREASURY BOND 2.750% 08/15/2047 DD 08/15/17		9,102,065	10,224,391
	U S TREASURY BOND 6.250% 05/15/2030 DD 11/15/99		8,777,140	9,203,284
	U S TREASURY BOND 3.000% 02/15/2049 DD 02/15/19		9,167,648	9,133,552
	U S TREASURY NOTE 2.250% 11/15/2025 DD 11/15/15		8,693,925	8,793,089
	U S TREASURY NOTE 2.250% 11/15/2027 DD 11/15/17		7,947,022	8,644,038
	U S TREASURY NOTE 2.000% 10/31/2021 DD 10/31/14		8,512,844	8,513,037
	U S TREASURY BOND 3.375% 05/15/2044 DD 05/15/14		8,105,856	7,512,930
	U S TREASURY BOND 2.750% 11/15/2042 DD 11/15/12		7,653,126	7,470,108
	U S TREASURY BD CPN STRIP 0.000% 02/15/2040 DD 02/16/10		6,946,311	7,358,438
	US TREAS INFLAT INDEXED BONDS 0.875% 02/15/2047 DD 02/15/17		7,234,301	7,148,525
	FEDERAL NATL MTG ASSN 7.250% 05/15/2030 DD 05/05/00		6,649,411	7,026,747
	U S TREASURY NOTE 2.750% 04/30/2023 DD 04/30/18		6,219,168	6,367,510
	U S TREASURY NOTE 1.875% 10/31/2022 DD 10/31/15		5,284,453	5,289,165
	U S TREASURY BD CPN STRIP 0.000% 05/15/2039 DD 05/15/09		4,372,356	5,168,325
	US TREAS INFLAT INDEXED BONDS 0.750% 02/15/2045 DD 02/15/15		5,102,041	5,045,716
	U S TREASURY NOTE 2.875% 11/15/2021 DD 11/15/18		4,880,501	4,943,940
	U S TREASURY NOTE 2.750% 05/31/2023 DD 05/31/18		4,925,696	4,935,549
	US TREAS INFLAT INDEXED NOTES 0.375% 07/15/2027 DD 07/15/17		4,703,453	4,714,594
	FEDERAL HOME LN MTG CORP 6.750% 03/15/2031 DD 10/25/00		4,330,852	4,644,398
	US TREAS INFLAT INDEXED NOTES 0.375% 01/15/2027 DD 01/15/17		4,350,507	4,361,930
	U S TREASURY BOND 3.125% 08/15/2044 DD 08/15/14		3,941,911	4,344,692
	FEDERAL NATL MTG ASSN 6.625% 11/15/2030 DD 11/03/00		3,996,060	4,276,680
	U S TREASURY NOTE 2.250% 04/15/2022 DD 04/15/19		4,229,944	4,231,257
	US TREAS BD FUTURE (CBT) EXP MAR 20		-	3,991,969
	U S TREASURY NOTE 2.250% 04/30/2021 DD 04/30/14		3,927,712	3,927,874
	US TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13		3,911,341	3,876,816
	U S TREASURY BOND 3.000% 02/15/2048 DD 02/15/18		3,318,964	3,792,456
	U S TREASURY BOND 3.125% 02/15/2042 DD 02/15/12		3,524,064	3,716,551
	U S TREASURY NOTE 1.750% 11/15/2029 DD 11/15/19		3,707,401	3,681,590
	U S TREASURY NOTE 1.500% 09/30/2021 DD 09/30/19		3,465,663	3,464,726
	U S TREASURY NOTE 1.625% 10/31/2026 DD 10/31/19		3,358,563	3,357,636
	U S TREASURY NOTE 2.750% 07/31/2023 DD 07/31/18		3,292,834	3,354,161
	U S TREASURY NOTE 2.250% 08/15/2027 DD 08/15/17		3,145,615	3,327,392
	US TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13		2,937,566	2,908,755
	U S TREASURY NOTE 2.125% 03/31/2024 DD 03/31/17		2,918,769	2,882,610
	U S TREASURY NOTE 2.000% 10/31/2021 DD 10/31/14		2,886,961	2,871,261
	U S TREASURY NOTE 2.750% 08/15/2021 DD 08/15/18		2,778,690	2,835,798
	U S TREASURY NOTE 2.375% 03/15/2021 DD 03/15/18		2,788,247	2,784,040
	U S TREASURY BOND 3.125% 05/15/2048 DD 05/15/18		2,574,844	2,764,740
	U S TREASURY NOTE 2.875% 08/15/2028 DD 08/15/18		2,632,124	2,604,626
	U S TREASURY NOTE 2.750% 08/31/2023 DD 08/31/18		2,598,601	2,592,654
	U S TREASURY NOTE 1.875% 04/30/2022 DD 04/30/17		2,409,137	2,460,844
	U S TREASURY NOTE 1.500% 08/31/2021 DD 08/31/19		2,419,353	2,416,225
	U S TREASURY NOTE 1.500% 11/30/2021 DD 11/30/19		2,275,928	2,276,968
	U S TREASURY NOTE 1.625% 08/15/2029 DD 08/15/19		2,283,697	2,257,032
	U S TREASURY NOTE 1.625% 05/15/2026 DD 05/15/16		2,110,514	2,237,129
	US TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12		2,076,601	2,056,726
	U S TREASURY NOTE 2.250% 04/15/2022 DD 04/15/19		1,960,841	1,953,278
	U S TREASURY NOTE 1.875% 01/31/2022 DD 01/31/17		1,903,933	1,921,193
	US TREAS INFLAT INDEXED NOTES 0.625% 04/15/2023 DD 04/15/18		1,909,768	1,915,909
	U S TREASURY NOTE 2.125% 05/31/2026 DD 05/31/19		1,900,712	1,887,370
	U S TREASURY NOTE 2.875% 10/15/2021 DD 10/15/18		1,792,098	1,830,132
	U S TREASURY NOTE 2.500% 01/31/2024 DD 01/31/19		1,834,992	1,828,286
	U S TREASURY NOTE 2.375% 04/15/2021 DD 04/15/18		1,749,996	1,771,936
	U S TREASURY NOTE 2.250% 12/31/2024 DD 12/31/17		1,730,270	1,765,821
	U S TREASURY NOTE 2.000% 02/28/2021 DD 02/28/14		1,666,529	1,666,806
	U S TREASURY BOND 5.250% 02/15/2029 DD 02/15/99		1,654,061	1,635,290
	U S TREASURY NOTE 1.750% 05/15/2023 DD 05/15/13		1,459,846	1,510,824
	US TREAS-CPI INFLAT 0.875% 02/15/2047 DD 02/15/17		1,494,472	1,473,531

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	US TREAS INFLAT INDEXED NOTES 0.500% 01/15/2028 DD 01/15/18	1,470,877	1,472,613
	US TREAS INFLAT INDEXED NOTES 0.250% 07/15/2029 DD 07/15/19	1,457,889	1,458,991
	U S TREASURY NOTE 1.500% 11/30/2024 DD 11/30/19	1,438,299	1,438,270
	U S TREASURY NOTE 2.625% 02/28/2023 DD 02/28/18	1,349,203	1,386,614
	US TREAS INFLAT INDEXED NOTES 0.875% 01/15/2029 DD 01/15/19	1,331,723	1,331,741
	U S TREASURY NOTE 2.250% 11/15/2027 DD 11/15/17	1,233,729	1,311,261
	U S TREASURY NOTE 2.750% 08/31/2023 DD 08/31/18	1,295,967	1,293,729
	U S TREASURY NOTE 2.000% 04/30/2024 DD 04/30/17	1,238,985	1,262,069
	U S TREASURY NOTE 1.625% 02/15/2026 DD 02/15/16	1,125,591	1,229,100
	U S TREASURY NOTE 2.000% 01/15/2021 DD 01/15/18	1,200,337	1,219,508
	US TREAS INFLAT INDEXED NOTES 0.625% 01/15/2026 DD 01/15/16	1,213,473	1,217,429
	U S TREASURY NOTE 2.125% 07/31/2024 DD 07/31/17	1,078,175	1,141,784
	U S TREASURY NOTE 1.750% 12/31/2026 DD 12/31/19	1,054,203	1,054,986
	U S TREASURY NOTE 2.875% 07/31/2025 DD 07/31/18	985,227	975,596
	US TREAS-CPI INFLAT 0.625% 01/15/2026 DD 01/15/16	960,237	971,052
	U S TREASURY NOTE 2.000% 11/30/2022 DD 11/30/15	917,836	935,443
	U S TREASURY NOTE 2.500% 02/28/2026 DD 02/28/19	915,595	922,303
	U S TREASURY NOTE 3.125% 11/15/2028 DD 11/15/18	917,039	907,723
	U S TREASURY NOTE 3.000% 10/31/2025 DD 10/31/18	905,656	903,128
	U S TREASURY NOTE 1.875% 10/31/2022 DD 10/31/15	822,279	861,378
	US 10YR ULTRA FUTURE (CBT) EXP MAR 20	-	860,156
	PRIVATE EXPORT FUNDING CORP 1.750% 11/15/2024 DD 11/07/19	793,943	789,435
	U S TREASURY NOTE 2.125% 05/15/2022 DD 05/15/19	751,042	749,132
	FEDERAL HOME LN BK CONS BD 3.250% 11/16/2028 DD 11/16/18	648,483	716,315
	U S TREASURY NOTE 1.625% 12/15/2022 DD 12/15/19	664,584	665,652
	FEDERAL NATL MTG ASSN 1.875% 09/24/2026 DD 09/27/16	612,404	648,837
	U S TREASURY BOND 5.250% 11/15/2028 DD 11/15/98	573,203	560,538
	US TREAS-CPI INFLAT 1.000% 02/15/2049 DD 02/15/19	464,629	454,514
	WW GRAINGER INC 4.600% 06/15/2045 DD 06/11/15	339,725	406,538
	U S TREASURY NOTE 2.375% 05/15/2029 DD 05/15/19	365,400	369,243
	PRIVATE EXPORT FUNDING CORP 3.550% 01/15/2024 DD 01/14/14	298,974	320,436
	U S TREASURY NOTE 1.750% 06/30/2024 DD 06/30/19	299,201	300,948
	U S TREASURY NOTE 2.875% 11/30/2023 DD 11/30/18	266,895	277,185
	U S TREASURY NOTE 2.875% 09/30/2023 DD 09/30/18	263,724	276,769
	U S TREASURY NOTE 1.500% 08/15/2026 DD 08/15/16	249,749	259,875
	US ULTRA BOND (CBT) EXP MAR 20	-	225,651
	US 10YR ULTRA FUTURE (CBT) EXP MAR 20	-	167,156
	US TREAS BD FUTURE (CBT) EXP MAR 20	-	144,687
	US 10YR NOTE FUTURE (CBT) EXP MAR 20	-	58,477
	US 10YR NOTE FUTURE (CBT) EXP MAR 20	-	23,688
	US 5YR NOTE FUTURE (CBT) EXP MAR 20	-	(110)
	US 2YR NOTE FUTURE (CBT) EXP MAR 20	-	(30,727)
	US 10YR ULTRA FUTURE (CBT) EXP MAR 20	-	(102,655)
	US 10YR NOTE FUTURE (CBT) EXP MAR 20	-	(140,220)
	US 2YR NOTE FUTURE (CBT) EXP MAR 20	-	(206,849)
	US 5YR NOTE FUTURE (CBT) EXP MAR 20	-	(346,126)
	US ULTRA BOND (CBT) EXP MAR 20	-	(856,876)
	US ULTRA BOND (CBT) EXP MAR 20	-	(9,612,607)
	US TREAS INFLAT INDEXED NOTES 0.500% 04/15/2024 DD 04/15/19	(9,952,567)	(9,981,433)
	US TREAS INFLAT INDEXED BONDS 1.000% 02/15/2049 DD 02/15/19	(11,525,919)	(11,390,574)
	U.S. Government Obligations Total	1,239,249,499	1,243,677,650
	Schedule H Total	4,514,927,432	5,039,720,577

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401(h)				
	Short-Term Investments			
*		EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10	4,122,154	4,122,154
*		EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10	2,566,790	2,566,790
*		EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10	45,816	45,816
*		EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10	13,049	13,049
*		EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10	10,677	10,677
*		EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10	4,021	4,021
*		EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10	3,071	3,071
		CAD (CANADIAN DOLLARS)	3,111	3,013
		GBP (GREAT BRITISH POUNDS)	566	568
		NZD (NEW ZEALAND DOLLAR)	49	44
		ZAR (SOUTH AFRICAN RAND)	1	1
*		BNY Assets and Liab - Non Interest Bearing Cash	-	1
		GBP (GREAT BRITISH POUNDS)	(1)	(1)
		Short-Term Investments Total	6,769,304	6,769,204
	State and Local Government Obligations			
		PORT AUTH OF NEW YORK & NEW JE 4.926% 10/01/2051 DD 10/06/11	865,706	932,724
		CALIFORNIA ST 7.600% 11/01/2040 DD 12/01/10	568,056	594,256
		CALIFORNIA ST 7.550% 04/01/2039 DD 04/28/09	353,815	360,905
		CALIFORNIA ST 4.600% 04/01/2038 DD 04/25/18	335,852	354,560
		CHICAGO IL TRANSIT AUTH SALES 6.200% 12/01/2040 DD 04/06/10	328,665	353,360
		NEW YORK CITY NY MUNI WTR FIN 5.440% 06/15/2043 DD 09/23/10	295,755	316,158
		NEW YORK ST URBAN DEV CORP REV 3.900% 03/15/2033 DD 01/16/19	274,460	290,134
		UNIV OF CALIFORNIA CA REVENUES 4.767% 05/15/2115 DD 04/08/15	246,163	289,906
		MUNI ELEC AUTH OF GEORGIA 6.637% 04/01/2057 DD 03/11/10	250,430	271,989
		UNIV OF CALIFORNIA CA RGTS MED 6.548% 05/15/2048 DD 11/18/10	204,428	223,815
		SALES TAX SECURITIZATION CORP 4.637% 01/01/2040 DD 01/30/19	181,793	201,778
		SALES TAX SECURITIZATION CORP 3.587% 01/01/2043 DD 12/14/17	145,819	157,746
		N TX TOLLWAY AUTH REVENUE 6.718% 01/01/2049 DD 08/12/09	149,539	156,893
		NEW YORK ST THRUWAY AUTH 3.500% 01/01/2042 DD 10/30/19	155,105	154,406
		CALIFORNIA ST 4.500% 04/01/2033 DD 04/25/18	109,817	118,109
		MET TRANSPRTN AUTH NY DEDICATE 7.336% 11/15/2039 DD 04/30/09	106,847	109,518
		MASSACHUSETTS ST 2.900% 09/01/2049 DD 09/12/19	110,000	103,826
		NEW YORK ST DORM AUTH ST PERSO 3.110% 02/15/2039 DD 01/03/20	80,000	80,043
		CHICAGO IL TRANSIT AUTH SALES 6.899% 12/01/2040 DD 08/06/08	62,542	67,546
		KANSAS ST DEV FIN AUTH REVENUE 4.927% 04/15/2045 DD 08/20/15	48,940	56,293
		RUTGERS NJ ST UNIV 3.270% 05/01/2043 DD 10/24/19	50,000	49,480
		BAY AREA CA TOLL AUTH TOLL BRI 3.552% 04/01/2054 DD 09/26/19	45,000	45,611
		UNIV OF CALIFORNIA CA RGTS MED 6.583% 05/15/2049 DD 12/17/09	12,825	14,398
		CMWLTH FING AUTH PA 4.144% 06/01/2038 DD 10/31/16	9,709	10,975
		CALIFORNIA ST 7.625% 03/01/2040 DD 04/01/10	8,063	8,006
		CALIFORNIA ST 7.350% 11/01/2039 DD 11/10/09	7,716	7,681
		State and Local Government Obligations Total	5,007,045	5,330,116
	Common/Collective Trusts			
*		JPMCB LONG DURATION INVESTMENT GRADE FUND	109,898,865	167,921,771
		BNYM-M DB SL ACWI FUND	94,712,163	118,633,513
		Common/Collective Trusts Total	204,611,028	286,555,284

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	Corporate Obligations			
	VERIZON COMMUNICATIONS INC	4.812% 03/15/2039 DD 02/03/17	1,667,487	2,009,938
	MICROSOFT CORP	4.100% 02/06/2037 DD 02/06/17	1,673,019	1,833,666
	AT&T INC	5.250% 03/01/2037 DD 02/09/17	1,306,593	1,475,553
	COMCAST CORP	3.400% 07/15/2046 DD 07/19/16	990,563	1,111,392
	WELLS FARGO & CO	4.650% 11/04/2044 DD 11/04/14	937,480	1,040,928
	BERKSHIRE HATHAWAY ENERGY CO	6.125% 04/01/2036 DD 10/01/06	933,663	980,822
	ANHEUSER-BUSCH COS LLC / ANHEU	4.900% 02/01/2046 DD 02/01/19	768,601	964,315
	TIME WARNER CABLE LLC	5.500% 09/01/2041 DD 09/12/11	910,647	949,543
	LOCKHEED MARTIN CORP	3.600% 03/01/2035 DD 02/20/15	774,056	852,953
	BURLINGTON NORTHERN SANTA FE L	4.150% 04/01/2045 DD 03/09/15	791,452	851,550
	ORACLE CORP	5.375% 07/15/2040 DD 07/15/11	800,189	851,395
	GE CAPITAL INTERNATIONAL FUNDI	4.418% 11/15/2035 DD 05/15/16	719,026	748,811
	HSBC HOLDINGS PLC VAR RT	03/13/2028 DD 03/13/17	628,344	641,982
	PETROLEOS MEXICANOS	6.750% 09/21/2047	670,685	641,203
	UNITED TECHNOLOGIES CORP	3.750% 11/01/2046 DD 11/01/16	528,716	599,374
	ANHEUSER-BUSCH COS LLC / ANHEU	4.700% 02/01/2036 DD 02/01/19	486,818	585,169
	CHARTER COMMUNICATIONS OPERATI	5.375% 05/01/2047 DD 11/01/17	528,372	577,784
	ENERGY TRANSFER OPERATING LP	6.050% 06/01/2041 DD 05/12/11	535,240	564,550
	ANTHEM INC	4.625% 05/15/2042 DD 05/07/12	510,533	530,372
	COX COMMUNICATIONS INC	144A 8.375% 03/01/2039 DD 02/20/09	480,683	526,351
	ALTRIA GROUP INC	5.800% 02/14/2039 DD 02/14/19	444,847	523,551
	AT&T INC	4.500% 03/09/2048 DD 09/07/16	429,822	513,732
	DUKE ENERGY CAROLINAS LLC	3.875% 03/15/2046 DD 03/11/16	466,498	505,086
	PANAMA GOVERNMENT INTERNATIONA	3.160% 01/23/2030	498,575	499,550
	ANHEUSER-BUSCH INBEV WORLDWIDE	4.600% 04/15/2048 DD 04/04/18	431,193	497,814
	JPMORGAN CHASE & CO VAR RT	11/15/2048 DD 11/10/17	432,849	492,903
	ENTERPRISE PRODUCTS OPERATING	5.100% 02/15/2045 DD 02/12/14	450,186	485,546
	HOME DEPOT INC/THE	4.400% 03/15/2045 DD 06/12/14	438,628	478,116
	BROADCOM CORP / BROADCOM CAYMA	3.875% 01/15/2027 DD 01/15/18	463,339	477,830
	AMAZON.COM INC	3.875% 08/22/2037 DD 02/22/18	408,979	466,002
	AMGEN INC	4.563% 06/15/2048 DD 12/15/16	430,240	464,984
	CIGNA CORP	4.800% 08/15/2038 DD 08/15/19	389,738	460,736
	LOWE'S COS INC	4.050% 05/03/2047 DD 05/03/17	397,250	459,145
	JOHNSON & JOHNSON	3.700% 03/01/2046 DD 03/01/16	408,050	446,504
	ANGLO AMERICAN CAPITAL PL	144A 4.750% 04/10/2027 DD 04/10/17	405,316	437,552
	PETROLEOS MEXICANOS	144A 7.690% 01/23/2050 DD 09/23/19	406,470	436,536
	PACIFICORP	4.125% 01/15/2049 DD 07/13/18	374,160	428,861
	AT&T INC	4.850% 03/01/2039 DD 02/19/19	353,789	426,765
	JPMORGAN CHASE & CO VAR RT	02/22/2048 DD 02/22/17	375,624	425,488
	REYNOLDS AMERICAN INC	5.850% 08/15/2045 DD 06/12/15	397,989	413,168
	DUKE ENERGY PROGRESS LLC	4.100% 05/15/2042 DD 05/18/12	377,014	407,491
	APPLE INC	3.850% 08/04/2046 DD 08/04/16	360,507	406,008
	NATIONWIDE MUTUAL INSURAN	144A 9.375% 08/15/2039 DD 08/10/09	396,050	399,509
	EMERA US FINANCE LP	4.750% 06/15/2046 DD 12/15/16	349,334	395,985
	KINDER MORGAN ENERGY PARTNERS	5.000% 08/15/2042 DD 08/13/12	358,006	392,710
	BERKSHIRE HATHAWAY ENERGY CO	5.150% 11/15/2043 DD 11/08/13	369,250	392,640
	MCDONALD'S CORP	4.875% 12/09/2045 DD 12/09/15	366,536	391,823
	VIACOMCBS INC	4.375% 03/15/2043 DD 03/15/13	315,623	391,236
	CVS HEALTH CORP	5.050% 03/25/2048 DD 03/09/18	335,581	391,060
	CVS HEALTH CORP	5.125% 07/20/2045 DD 07/20/15	374,180	385,554
	GILEAD SCIENCES INC	4.150% 03/01/2047 DD 09/20/16	353,227	384,351
	ABBVIE INC	144A 4.250% 11/21/2049 DD 11/21/19	353,449	376,946
	ALABAMA POWER CO	4.300% 01/02/2046 DD 01/13/16	350,870	371,618
	SHELL INTERNATIONAL FINANCE BV	4.000% 05/10/2046 DD 05/10/16	326,408	370,373
	BANK OF AMERICA CORP VAR RT	01/23/2049 DD 01/23/18	305,136	369,154
	SUNCOR ENERGY INC	6.500% 06/15/2038 DD 06/28/07	344,124	368,898
	ABBOTT LABORATORIES	4.750% 11/30/2036 DD 11/22/16	294,959	363,703
	OGLETHORPE POWER CORP	5.050% 10/01/2048 DD 04/01/19	307,118	359,324
	GOLDMAN SACHS GROUP INC/THE VAR RT	10/31/2038 DD 10/31/17	326,249	358,637
	POTOMAC ELECTRIC POWER CO	4.150% 03/15/2043 DD 03/18/13	335,749	356,010
	NOBLE ENERGY INC	5.250% 11/15/2043 DD 11/08/13	308,465	349,299
	CSX CORP	4.500% 08/01/2054 DD 07/21/14	315,563	345,852
	ABU DHABI GOVERNMENT INTE	144A 3.125% 09/30/2049 DD 09/30/19	341,722	341,250
	VERIZON COMMUNICATIONS INC	4.125% 08/15/2046 DD 08/01/16	264,516	339,093
	ABBVIE INC	144A 4.050% 11/21/2039 DD 11/21/19	318,870	336,339
	CONSOLIDATED EDISON CO OF NEW	6.750% 04/01/2038 DD 04/04/08	322,666	328,948
	VIRGINIA ELECTRIC & POWER CO	4.650% 08/15/2043 DD 08/15/13	311,033	328,928
	HESS CORP	5.600% 02/15/2041 DD 08/10/10	273,545	327,914

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	BANK OF AMERICA CORP VAR RT 01/20/2028 DD 01/20/17	311,899	327,479
	JPMORGAN CHASE & CO VAR RT 07/24/2038 DD 07/24/17	295,242	326,544
	COMCAST CORP 4.950% 10/15/2058 DD 10/05/18	253,082	325,805
	KRAFT HEINZ FOODS CO 4.375% 06/01/2046 DD 05/24/16	318,759	324,318
	MORGAN STANLEY VAR RT 01/24/2029 DD 01/23/18	300,000	322,935
	CITIGROUP INC 4.650% 07/30/2045 DD 07/30/15	283,179	322,153
	INTERNATIONAL BUSINESS MACHINE 4.250% 05/15/2049 DD 05/15/19	276,027	320,449
	GOLDMAN SACHS GROUP INC/THE VAR RT 06/05/2028 DD 06/05/17	302,787	319,197
	WALMART INC 3.950% 06/28/2038 DD 06/27/18	274,802	318,571
	MORGAN STANLEY VAR RT 07/22/2038 DD 07/24/17	288,913	316,618
	DUKE ENERGY INDIANA LLC 4.200% 03/15/2042 DD 03/15/12	295,916	316,008
	DISCOVERY COMMUNICATIONS LLC 5.200% 09/20/2047 DD 09/21/17	260,956	314,739
	TELEFONICA EMISIONES SA 5.213% 03/08/2047 DD 03/08/17	293,684	314,531
	COMMONWEALTH EDISON CO 6.450% 01/15/2038 DD 01/16/08	302,136	313,849
	ALTRIA GROUP INC 3.875% 09/16/2046 DD 09/16/16	321,986	309,269
	DOMINION ENERGY INC 7.000% 06/15/2038 DD 06/17/08	297,537	305,527
	SOUTHERN CO/THE 4.400% 07/01/2046 DD 05/24/16	287,255	304,994
	NUTRIEN LTD 5.000% 04/01/2049 DD 04/01/19	266,282	304,126
	CITIGROUP INC VAR RT 04/24/2048 DD 04/25/17	249,997	303,221
	PFIZER INC 4.125% 12/15/2046 DD 11/21/16	278,468	302,331
	SEMPRA ENERGY 3.800% 02/01/2038 DD 01/12/18	269,127	298,022
	VERIZON COMMUNICATIONS INC 4.500% 08/10/2033 DD 08/10/17	245,450	285,991
	INTEL CORP 4.100% 05/19/2046 DD 05/19/16	248,809	277,085
	DUKE ENERGY CORP 4.200% 06/15/2049 DD 06/07/19	250,152	276,430
	WELLS FARGO & CO VAR RT 10/30/2030 DD 10/31/19	270,000	271,876
	VODAFONE GROUP PLC 5.250% 05/30/2048 DD 05/30/18	222,000	270,274
	GENERAL MOTORS CO 5.200% 04/01/2045 DD 11/12/14	256,839	267,650
	WILLIAMS COS INC/THE 5.100% 09/15/2045 DD 03/03/15	252,866	267,629
	APPLE INC 3.750% 11/13/2047 DD 11/13/17	228,082	266,534
	TYSON FOODS INC 5.100% 09/28/2048 DD 09/28/18	203,586	264,424
	ANHEUSER-BUSCH INBEV WORLDWIDE 5.450% 01/23/2039 DD 01/23/19	209,416	264,270
	KAISER FOUNDATION HOSPITALS 4.150% 05/01/2047 DD 05/03/17	239,904	256,979
	DUPONT DE NEMOURS INC 5.319% 11/15/2038 DD 11/28/18	215,643	256,639
	GENERAL MOTORS CO 5.950% 04/01/2049 DD 09/10/18	227,074	254,980
	BOSTON SCIENTIFIC CORP 4.550% 03/01/2039 DD 02/25/19	213,892	252,930
	FIRSTENERGY TRANSMISSION 144A 5.450% 07/15/2044 DD 05/19/14	227,543	252,338
	VISA INC 4.300% 12/14/2045 DD 12/14/15	224,346	252,009
	MARSH & MCLENNAN COS INC 4.750% 03/15/2039 DD 01/15/19	208,729	247,866
	BANK OF AMERICA CORP VAR RT 10/22/2030 DD 10/22/19	245,000	247,154
	GOLDMAN SACHS GROUP INC/THE 5.150% 05/22/2045 DD 05/22/15	226,460	245,848
	ITC HOLDINGS CORP 5.300% 07/01/2043 DD 07/03/13	236,729	245,636
	CLECO CORPORATE HOLDINGS LLC VAR RT 05/01/2046 DD 11/01/16	238,101	244,149
	OCCIDENTAL PETROLEUM CORP 4.500% 07/15/2044 DD 07/15/19	243,103	240,451
	ENERGY TRANSFER OPERATING LP 6.000% 06/15/2048 DD 06/08/18	210,485	239,202
	ONCOR ELECTRIC DELIVERY CO LLC 4.550% 12/01/2041 DD 06/01/12	219,134	234,849
	TELEFONICA EMISIONES SA 4.895% 03/06/2048 DD 03/06/18	205,280	234,733
	JPMORGAN CHASE & CO VAR RT 07/23/2029 DD 07/23/18	210,000	234,421
	UNION PACIFIC CORP 4.100% 09/15/2067 DD 09/19/17	221,420	233,457
	WALT DISNEY CO/THE 4.750% 11/15/2046 DD 11/15/19	208,612	231,148
	AMERICA MOVIL SAB DE CV 4.375% 04/22/2049 DD 04/22/19	198,874	229,672
	RAYTHEON CO 4.200% 12/15/2044 DD 12/02/14	204,964	221,379
	ABBVIE INC 4.500% 05/14/2035 DD 05/14/15	193,848	219,931
	MPLX LP 144A 5.200% 12/01/2047 DD 06/01/19	204,247	218,315
	BAYER US FINANCE II LLC 144A 4.700% 07/15/2064 DD 07/15/18	225,557	218,149
	BOEING CO/THE 3.750% 02/01/2050 DD 07/31/19	205,817	218,022
	MERCK & CO INC 3.900% 03/07/2039 DD 03/07/19	189,118	217,364
	TENCENT HOLDINGS LTD 144A 3.975% 04/11/2029 DD 04/11/19	200,248	215,992
	FIRSTENERGY CORP 4.850% 07/15/2047 DD 06/21/17	183,285	214,133
	ALIBABA GROUP HOLDING LTD 4.000% 12/06/2037 DD 12/06/17	204,640	214,086
	BANK OF AMERICA CORP VAR RT 01/20/2048 DD 01/20/17	186,426	213,470
	TRANSCANADA PIPELINES LTD 4.875% 05/15/2048 DD 05/07/18	181,427	212,920
	BERKSHIRE HATHAWAY INC 4.500% 02/11/2043 DD 02/11/13	194,505	212,233
	TENCENT HOLDINGS LTD 144A 3.925% 01/19/2038	185,048	211,121
	COMCAST CORP 4.600% 10/15/2038 DD 10/05/18	176,169	208,647
	SYNGENTA FINANCE NV 144A 5.676% 04/24/2048 DD 04/24/18	177,873	208,520
	WESTERN MIDSTREAM OPERATING LP 5.300% 03/01/2048 DD 03/02/18	229,029	207,242
	UNION PACIFIC CORP 3.799% 10/01/2051 DD 10/04/16	192,781	207,164
	NESTLE HOLDINGS INC 144A 4.000% 09/24/2048 DD 09/24/18	172,650	205,713
	MERCK & CO INC 3.700% 02/10/2045 DD 02/10/15	186,345	204,662

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		MORGAN STANLEY 4.375% 01/22/2047 DD 01/20/17	178,342	203,878
		MORGAN STANLEY VAR RT 01/23/2030 DD 01/23/19	180,000	203,594
		GEORGIA POWER CO 4.300% 03/15/2042 DD 03/06/12	186,606	203,004
		UNITEDHEALTH GROUP INC 4.250% 04/15/2047 DD 03/13/17	188,841	202,613
		TRANSCANADA PIPELINES LTD 5.100% 03/15/2049 DD 10/12/18	167,305	201,382
		INTERNATIONAL PAPER CO 7.300% 11/15/2039 DD 12/07/09	199,739	200,897
		SOUTHERN COPPER CORP 5.875% 04/23/2045 DD 04/23/15	172,056	200,579
		JPMORGAN CHASE & CO VAR RT 05/06/2030 DD 05/06/19	185,000	199,315
		ANHEUSER-BUSCH INBEV WORLDWIDE 4.375% 04/15/2038 DD 04/04/18	174,122	196,592
		PRUDENTIAL FINANCIAL INC 3.700% 03/13/2051 DD 09/13/19	183,850	194,737
		FEDEX CORP 4.100% 02/01/2045 DD 01/09/15	199,346	194,116
		METLIFE INC 4.600% 05/13/2046 DD 11/13/15	162,460	191,041
		DIGNITY HEALTH 5.267% 11/01/2064 DD 10/15/14	174,499	190,055
		APACHE CORP 4.250% 01/15/2044 DD 12/03/12	181,950	189,067
		FISERV INC 4.400% 07/01/2049 DD 06/24/19	163,990	187,321
		VERIZON COMMUNICATIONS INC 5.012% 08/21/2054 DD 02/21/15	176,527	187,049
		UNITEDHEALTH GROUP INC 3.875% 08/15/2059 DD 07/25/19	169,186	183,607
		GOLDMAN SACHS GROUP INC/THE 4.750% 10/21/2045 DD 10/21/15	166,264	183,123
		VODAFONE GROUP PLC 4.250% 09/17/2050 DD 09/17/19	183,202	182,665
		DEVON ENERGY CORP 5.600% 07/15/2041 DD 07/12/11	161,866	182,417
		CVS HEALTH CORP 4.780% 03/25/2038 DD 03/09/18	155,336	181,899
		CONSOLIDATED EDISON CO OF NEW 3.700% 11/15/2059 DD 11/08/19	173,444	180,842
		AON PLC 4.600% 06/14/2044 DD 05/28/14	164,746	179,673
		SOUTHERN CALIFORNIA EDISON CO 4.000% 04/01/2047 DD 03/24/17	177,409	178,985
		NORTHERN STATES POWER CO/MN 3.600% 09/15/2047 DD 09/13/17	145,792	176,674
		FORD MOTOR CO 5.291% 12/08/2046 DD 12/08/16	193,834	176,285
		CIGNA CORP 144A 3.875% 10/15/2047 DD 04/15/19	163,310	172,824
		FOX CORP 144A 5.476% 01/25/2039 DD 01/25/19	142,024	171,303
		DOMINION ENERGY SOUTH CAROLINA 5.100% 06/01/2065 DD 05/22/15	148,768	169,104
		TELEFONICA EMISIONES SA 4.665% 03/06/2038 DD 03/06/18	150,000	167,819
		BERKSHIRE HATHAWAY FINANCE COR 4.200% 08/15/2048 DD 08/15/18	139,290	165,757
		VALERO ENERGY CORP 6.625% 06/15/2037 DD 06/08/07	157,028	165,396
		SHERWIN-WILLIAMS CO/THE 4.500% 06/01/2047 DD 05/16/17	138,041	164,819
		CHILE GOVERNMENT INTERNATIONAL 3.625% 10/30/2042	162,360	161,252
		BOEING CO/THE 3.950% 08/01/2059 DD 07/31/19	148,597	160,227
		GOLDMAN SACHS GROUP INC/THE VAR RT 04/23/2039 DD 04/23/18	139,715	159,536
		BANK OF AMERICA CORP VAR RT 12/20/2028 DD 12/20/17	147,144	157,521
		GLP CAPITAL LP / GLP FINANCING 5.300% 01/15/2029 DD 09/26/18	140,059	155,498
		DOW CHEMICAL CO/THE 4.375% 11/15/2042 DD 11/14/12	150,220	154,885
		QUALCOMM INC 4.300% 05/20/2047 DD 05/26/17	151,573	154,883
		WALMART INC 4.050% 06/29/2048 DD 06/27/18	128,309	154,094
		HARTFORD FINANCIAL SERVICES GR 3.600% 08/19/2049 DD 08/19/19	148,316	153,950
		BHP BILLITON FINANCE USA LTD 5.000% 09/30/2043 DD 09/30/13	141,729	153,684
		URUGUAY GOVERNMENT INTERNATIONAL 4.975% 04/20/2055	150,884	153,179
		CONOCOPHILLIPS 6.500% 02/01/2039 DD 02/03/09	139,117	153,024
		INTERNATIONAL BUSINESS MACHINE 4.150% 05/15/2039 DD 05/15/19	139,808	152,284
		VODAFONE GROUP PLC 5.000% 05/30/2038 DD 05/30/18	129,346	150,549
		SOUTHERN CALIFORNIA EDISON CO 3.600% 02/01/2045 DD 01/16/15	148,989	149,190
		COMCAST CORP 4.250% 10/15/2030 DD 10/05/18	129,849	148,702
		ORACLE CORP 4.000% 11/15/2047 DD 11/09/17	129,390	145,440
		BANK OF AMERICA CORP VAR RT 07/23/2029 DD 07/23/18	130,000	144,498
		NATIONAL RURAL UTILITIES COOPE 4.300% 03/15/2049 DD 01/31/19	137,511	142,692
		EQM MIDSTREAM PARTNERS LP 5.500% 07/15/2028 DD 06/25/18	144,330	142,525
		EVERGY METRO INC 4.200% 06/15/2047 DD 06/15/17	119,351	141,195
		SIMON PROPERTY GROUP LP 3.250% 09/13/2049 DD 09/13/19	144,421	141,091
		ONEOK INC 4.450% 09/01/2049 DD 08/15/19	136,099	140,033
		STARBUCKS CORP 4.500% 11/15/2048 DD 08/10/18	117,978	139,817
		UNITEDHEALTH GROUP INC 3.700% 08/15/2049 DD 07/25/19	135,157	139,733
		MARSH & MCLENNAN COS INC 4.900% 03/15/2049 DD 01/15/19	124,513	139,703
		METLIFE INC 4.050% 03/01/2045 DD 03/05/15	122,837	139,316
		FORTIVE CORP 4.300% 06/15/2046 DD 06/15/17	141,030	138,750
		CANADIAN NATIONAL RAILWAY CO 3.650% 02/03/2048 DD 02/06/18	121,388	138,020
		VIACOMCBS INC 5.850% 09/01/2043 DD 08/19/13	107,351	137,820
		XCEL ENERGY INC 3.500% 12/01/2049 DD 11/07/19	134,559	137,256
		CISCO SYSTEMS INC 5.500% 01/15/2040 DD 11/17/09	125,436	136,628
		MPLX LP 5.500% 02/15/2049 DD 11/15/18	130,542	136,331
		AMERICAN WATER CAPITAL CORP 4.200% 09/01/2048 DD 08/09/18	119,677	135,935
		LOWE'S COS INC 4.550% 04/05/2049 DD 04/05/19	120,572	135,778
		TRINITY ACQUISITION PLC 6.125% 08/15/2043 DD 08/15/13	126,761	135,277

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	EQUITABLE HOLDINGS INC	5.000% 04/20/2048 DD 10/20/18	118,160	134,539
	MYLAN INC	5.200% 04/15/2048 DD 10/15/18	115,558	134,357
	ROGERS COMMUNICATIONS INC	4.350% 05/01/2049 DD 04/30/19	119,600	134,351
	JOHNSON CONTROLS INTERNATIONAL STEP	07/02/2044 DD 07/02/2016	114,594	134,109
	NORTHROP GRUMMAN CORP	4.030% 10/15/2047 DD 10/13/17	112,740	134,051
	HERSHEY CO/THE	3.125% 11/15/2049 DD 10/31/19	134,854	133,893
	OHIO EDISON CO	6.875% 07/15/2036 DD 06/26/06	128,121	132,895
	MOLSON COORS BEVERAGE CO	4.200% 07/15/2046 DD 07/07/16	116,691	132,754
	RIO TINTO FINANCE USA LTD	5.200% 11/02/2040 DD 11/02/10	119,350	130,701
	NORFOLK SOUTHERN CORP	5.100% 08/01/2118 DD 08/02/18	114,756	130,099
	ESTEE LAUDER COS INC/THE	3.125% 12/01/2049 DD 11/21/19	128,699	130,094
	MASSACHUSETTS INSTITUTE OF TEC	2.989% 07/01/2050 DD 12/20/19	130,029	129,136
	LOCKHEED MARTIN CORP	4.090% 09/15/2052 DD 09/07/17	110,386	129,073
	CONSOLIDATED EDISON CO OF NEW	4.500% 05/15/2058 DD 05/10/18	109,493	127,918
	AMERICAN INTERNATIONAL GROUP I	3.875% 01/15/2035 DD 01/15/15	107,170	127,420
	PHILIP MORRIS INTERNATIONAL IN	4.250% 11/10/2044 DD 11/10/14	123,605	127,158
	DEUTSCHE TELEKOM INTERNATIONAL VAR RT	06/15/2030 DD 07/06/00	126,643	125,222
	ANHEUSER-BUSCH INBEV FINANCE I	4.000% 01/17/2043 DD 01/17/13	106,173	125,130
	AMAZON.COM INC	4.050% 08/22/2047 DD 02/22/18	107,520	123,569
	GLENCORE FINANCE CANADA L 144A VAR RT	10/25/2042 DD 10/25/12	113,365	121,922
	HCA INC	5.125% 06/15/2039 DD 06/12/19	108,995	121,242
	TRANSCANADA PIPELINES LTD	7.625% 01/15/2039 DD 01/09/09	118,760	120,046
	INGERSOLL-RAND GLOBAL HOLDING	4.300% 02/21/2048 DD 02/21/18	109,614	118,985
	BERKSHIRE HATHAWAY FINANCE COR	4.250% 01/15/2049 DD 01/11/19	103,940	118,648
	AETNA INC	4.125% 11/15/2042 DD 11/07/12	120,111	117,822
	IHS MARKIT LTD	4.750% 08/01/2028 DD 07/23/18	104,609	116,946
	ASTRAZENECA PLC	4.375% 08/17/2048 DD 08/17/18	91,571	116,867
	AMERICAN WATER CAPITAL CORP	3.750% 09/01/2047 DD 08/10/17	103,504	116,492
	PEPSICO INC	2.875% 10/15/2049 DD 10/09/19	117,910	116,068
	CONAGRA BRANDS INC	5.400% 11/01/2048 DD 10/22/18	90,342	116,034
	INTEL CORP	3.250% 11/15/2049 DD 11/21/19	114,934	115,644
	UNION PACIFIC CORP	4.375% 11/15/2065 DD 10/29/15	104,631	115,585
	BANK OF AMERICA CORP VAR RT	02/07/2030 DD 02/07/19	105,000	115,276
	BOSTON PROPERTIES LP	2.900% 03/15/2030 DD 09/03/19	114,947	114,815
	WILLIS NORTH AMERICA INC	3.875% 09/15/2049 DD 09/10/19	114,464	114,734
	MPLX LP	5.200% 03/01/2047 DD 02/10/17	108,977	113,527
	CONSOLIDATED EDISON CO OF NEW	4.300% 12/01/2056 DD 11/16/16	106,626	112,945
	INGERSOLL-RAND LUXEMBOURG FINA	4.500% 03/21/2049 DD 03/21/19	113,523	112,479
	UNUM GROUP	4.500% 12/15/2049 DD 09/11/19	108,004	112,311
	NORFOLK SOUTHERN CORP	4.800% 08/15/2043 DD 08/13/13	111,338	112,275
	BAT CAPITAL CORP	4.390% 08/15/2037 DD 08/15/18	108,871	111,393
	COMCAST CORP	3.900% 03/01/2038 DD 02/08/18	99,515	110,799
	UNITEDHEALTH GROUP INC	3.500% 08/15/2039 DD 07/25/19	104,307	110,270
	SUNCOR ENERGY INC	4.000% 11/15/2047 DD 11/15/17	90,471	109,157
	BECTON DICKINSON AND CO	4.669% 06/06/2047 DD 06/06/17	86,947	107,298
	MEDTRONIC INC	4.375% 03/15/2035 DD 03/15/15	100,175	106,567
	ERAC USA FINANCE LLC 144A	7.000% 10/15/2037 DD 10/17/07	98,477	106,097
	ASTRAZENECA PLC	4.375% 11/16/2045 DD 11/16/15	97,949	104,959
	ORACLE CORP	3.800% 11/15/2037 DD 11/09/17	94,643	103,831
	AMAZON.COM INC	4.250% 08/22/2057 DD 02/22/18	84,305	103,693
	UNITEDHEALTH GROUP INC	3.750% 10/15/2047 DD 10/25/17	94,122	102,256
	APPLE INC	2.950% 09/11/2049 DD 09/11/19	104,234	101,807
	NORFOLK SOUTHERN CORP	4.150% 02/28/2048 DD 02/28/18	89,587	101,752
	METHANEX CORP	5.650% 12/01/2044 DD 11/18/14	101,349	100,719
	SOUTHERN CALIFORNIA GAS CO	4.125% 06/01/2048 DD 05/15/18	89,906	100,202
	EQUINOR ASA	4.250% 11/23/2041 DD 11/23/11	88,078	98,516
	DISCOVERY COMMUNICATIONS LLC	4.875% 04/01/2043 DD 03/19/13	85,703	98,478
	CSX CORP	4.650% 03/01/2068 DD 02/20/18	81,209	97,655
	MCDONALD'S CORP	4.450% 09/01/2048 DD 08/15/18	83,144	97,423
	CATERPILLAR INC	4.750% 05/15/2064 DD 05/08/14	88,305	97,213
	TRANSCANADA PIPELINES LTD	4.625% 03/01/2034 DD 02/28/14	88,190	96,958
	PFIZER INC	3.900% 03/15/2039 DD 03/11/19	87,415	95,898
	PUGET SOUND ENERGY INC	3.250% 09/15/2049 DD 08/30/19	95,502	94,667
	ABBVIE INC	4.300% 05/14/2036 DD 05/12/16	76,791	93,571
	CHARTER COMMUNICATIONS OPERATI	5.750% 04/01/2048 DD 04/17/18	78,782	93,434
	AT&T INC	5.450% 03/01/2047 DD 02/09/17	75,773	93,170
	DUKE ENERGY CORP	3.750% 09/01/2046 DD 08/12/16	88,068	93,101
	CITIGROUP INC VAR RT	11/05/2030 DD 11/05/19	90,000	91,400
	ANHEUSER-BUSCH INBEV WORLDWIDE	5.550% 01/23/2049 DD 01/23/19	90,245	90,952

American Electric Power System Retirement Plan
Schedule 1
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December 31, 2019

(a) (b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(d) Cost	(e) Current value
	VIACOMCBS INC 4.850% 07/01/2042 DD 06/20/12	75,756	88,411
	NEW YORK LIFE INSURANCE C 144A 4.450% 05/15/2069 DD 04/04/19	74,459	85,974
	WASTE MANAGEMENT INC 4.150% 07/15/2049 DD 05/22/19	74,904	85,818
	INTERNATIONAL PAPER CO 4.400% 08/15/2047 DD 08/11/16	81,020	85,684
	DOMINION ENERGY GAS HOLDINGS L 3.900% 11/15/2049 DD 11/21/19	84,956	84,897
	HUMANA INC 4.950% 10/01/2044 DD 09/19/14	80,262	82,696
	GOLDMAN SACHS GROUP INC/THE VAR RT 05/01/2029 DD 04/23/18	74,944	82,694
	ENERGY TRANSFER OPERATING LP 5.150% 02/01/2043 DD 01/22/13	74,747	82,238
	CITIGROUP INC VAR RT 01/24/2039 DD 01/24/18	74,966	82,167
	NIKE INC 3.875% 11/01/2045 DD 10/29/15	71,492	79,570
	WESTERN MIDSTREAM OPERATING LP 5.500% 08/15/2048 DD 08/09/18	85,708	79,166
	MYLAN NV 5.250% 06/15/2046 DD 12/15/16	69,816	78,733
	WALMART INC 3.625% 12/15/2047 DD 10/20/17	69,894	77,914
	BOEING CO/THE 3.825% 03/01/2059 DD 02/15/19	70,936	77,371
	MPLX LP 4.900% 04/15/2058 DD 02/08/18	74,467	76,484
	ALLERGAN FUNDING SCS 4.750% 03/15/2045 DD 03/12/15	77,232	76,238
	ACE CAPITAL TRUST II 9.700% 04/01/2030 DD 03/31/00	76,125	75,000
	BANK OF AMERICA CORP VAR RT 04/24/2038 DD 04/24/17	63,212	74,940
	COMCAST CORP 4.700% 10/15/2048 DD 10/05/18	59,951	74,086
	ALLERGAN FINANCE LLC 4.625% 10/01/2042 DD 10/02/12	64,708	73,286
	TRANSCANADA PIPELINES LTD 6.100% 06/01/2040 DD 06/01/10	64,604	72,818
	GENERAL MOTORS CO 5.400% 04/01/2048 DD 08/07/17	68,128	72,499
	JPMORGAN CHASE & CO VAR RT 10/15/2030 DD 09/12/19	70,000	70,010
	NIKE INC 3.375% 11/01/2046 DD 10/21/16	54,561	68,691
	UNION PACIFIC CORP 3.950% 08/15/2059 DD 08/05/19	64,482	68,167
	UNITEDHEALTH GROUP INC 4.625% 07/15/2035 DD 07/23/15	63,805	68,024
	AT&T INC 4.550% 03/09/2049 DD 09/07/16	53,465	66,631
	KRAFT HEINZ FOODS CO 5.200% 07/15/2045 DD 07/15/16	59,774	66,243
	AETNA INC 3.875% 08/15/2047 DD 08/10/17	57,604	66,119
	SUNCOR ENERGY INC 6.800% 05/15/2038 DD 05/15/08	60,249	64,110
	UNION PACIFIC CORP 4.300% 03/01/2049 DD 02/19/19	54,613	63,556
	FIRSTENERGY CORP 7.375% 11/15/2031 DD 11/15/01	60,068	63,544
	JOHNSON CONTROLS INTERNATIONAL STEP 07/02/2064 DD 07/02/2016	63,413	63,485
	DOMINION ENERGY INC 4.050% 09/15/2042 DD 09/13/12	53,259	63,273
	FIRSTENERGY TRANSMISSION 144A 4.550% 04/01/2049 DD 03/28/19	55,111	63,054
	COMMONWEALTH EDISON CO 4.000% 03/01/2049 DD 02/19/19	54,402	62,284
	ANHEUSER-BUSCH INBEV WORLDWIDE 5.800% 01/23/2059 DD 01/23/19	45,432	61,458
	UNION ELECTRIC CO 4.000% 04/01/2048 DD 04/06/18	54,762	61,043
	MIDAMERICAN ENERGY CO 4.250% 07/15/2049 DD 01/09/19	49,859	60,026
	UNITED TECHNOLOGIES CORP 4.500% 06/01/2042 DD 06/01/12	48,749	59,946
	TEXAS EASTERN TRANSMISSIO 144A 4.150% 01/15/2048 DD 01/09/18	54,514	58,499
	AMERICAN INTERNATIONAL GROUP I 4.500% 07/16/2044 DD 07/16/14	48,188	57,676
	MOLSON COORS BEVERAGE CO 5.000% 05/01/2042 DD 05/03/12	49,572	56,860
	ALABAMA POWER CO 3.450% 10/01/2049 DD 09/17/19	54,816	56,431
	WASTE MANAGEMENT INC 4.000% 07/15/2039 DD 05/22/19	49,948	56,025
	CHARTER COMMUNICATIONS OPERATI 5.125% 07/01/2049 DD 07/10/19	51,742	54,417
	SOUTHERN CALIFORNIA EDISON CO 4.125% 03/01/2048 DD 03/05/18	48,372	53,425
	WESTERN MIDSTREAM OPERATING LP 5.450% 04/01/2044 DD 03/20/14	55,657	53,167
	GENERAL MOTORS CO 5.150% 04/01/2038 DD 08/07/17	49,969	51,149
	GEORGIA POWER CO 4.750% 09/01/2040 DD 08/31/10	45,510	51,044
	DISCOVERY COMMUNICATIONS LLC 5.000% 09/20/2037 DD 09/21/17	42,861	50,859
	SOUTHERN CALIFORNIA EDISON CO 5.950% 02/01/2038 DD 01/22/08	51,631	50,744
	UNITED TECHNOLOGIES CORP 4.625% 11/16/2048 DD 08/16/18	42,465	50,127
	ANTHEM INC 3.700% 09/15/2049 DD 09/09/19	49,695	49,923
	FEDEX CORP 4.750% 11/15/2045 DD 10/23/15	50,299	49,498
	PACIFIC LIFE INSURANCE CO 144A VAR RT 10/24/2067 DD 10/24/17	44,962	48,037
	BOEING CO/THE 5.875% 02/15/2040 DD 07/28/09	44,298	46,477
	BOEING CO/THE 3.500% 03/01/2039 DD 02/15/19	42,547	46,464
	COMCAST CORP 3.200% 07/15/2036 DD 07/19/16	38,173	46,071
	ALLERGAN FUNDING SCS 4.550% 03/15/2035 DD 03/12/15	39,953	45,915
	UNION PACIFIC CORP 144A 3.839% 03/20/2060 DD 11/20/19	47,070	45,658
	BROADCOM CORP / BROADCOM CAYMA 3.500% 01/15/2028 DD 10/17/17	40,123	45,283
	NUTRIEN LTD 4.900% 06/01/2043 DD 12/01/17	41,473	45,076
	CONSUMERS ENERGY CO 3.100% 08/15/2050 DD 09/03/19	44,871	44,921
	ASCENSION HEALTH 3.106% 11/15/2039 DD 10/23/19	45,000	44,207
	VODAFONE GROUP PLC 4.375% 02/19/2043 DD 02/19/13	36,140	42,959
	ENERGY TRANSFER OPERATING LP 6.250% 04/15/2049 DD 01/15/19	34,948	42,238
	UNITED TECHNOLOGIES CORP 4.450% 11/16/2038 DD 08/16/18	34,794	41,418
	UNITED TECHNOLOGIES CORP 4.050% 05/04/2047 DD 05/04/17	31,698	40,150

American Electric Power System Retirement Plan
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(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(d) Cost	(e) Current value
		EVERGY METRO INC 4.200% 03/15/2048 DD 03/01/18	34,240	40,146
		BAYER US FINANCE II LLC 144A 3.950% 04/15/2045 DD 04/15/18	36,612	38,622
		FEDEX CORP 4.950% 10/17/2048 DD 10/17/18	39,003	38,264
		FEDEX CORP 4.550% 04/01/2046 DD 03/24/16	38,371	38,059
		VERIZON COMMUNICATIONS INC 5.250% 03/16/2037 DD 03/16/17	35,882	37,678
		OGLETHORPE POWER CORP 5.950% 11/01/2039 DD 11/03/09	37,874	37,490
		BURLINGTON NORTHERN SANTA FE L 4.550% 09/01/2044 DD 08/18/14	34,987	35,777
		WILLIAMS COS INC/THE 5.800% 11/15/2043 DD 11/15/13	33,859	35,730
		OCCIDENTAL PETROLEUM CORP 4.300% 08/15/2039 DD 08/08/19	34,818	35,689
		DOMINION ENERGY INC 4.600% 03/15/2049 DD 03/13/19	30,686	34,875
		PECO ENERGY CO 3.000% 09/15/2049 DD 09/10/19	34,712	33,639
		WILLIAMS COS INC/THE 6.300% 04/15/2040 DD 02/09/10	31,824	33,499
		GEORGIA POWER CO 5.650% 03/01/2037 DD 03/13/07	26,392	29,999
		APACHE CORP 4.750% 04/15/2043 DD 04/09/12	26,840	28,987
		NORTHERN STATES POWER CO/MN 2.900% 03/01/2050 DD 09/10/19	29,421	28,661
		DOMINION ENERGY SOUTH CAROLINA 6.625% 02/01/2032 DD 01/31/02	24,637	28,486
		CONSOLIDATED EDISON CO OF NEW 4.125% 05/15/2049 DD 05/09/19	24,991	28,410
		SUNOCO LOGISTICS PARTNERS OPER 5.400% 10/01/2047 DD 09/21/17	22,131	27,182
		ENERGY TRANSFER OPERATING LP 5.300% 04/15/2047 DD 01/17/17	23,497	26,689
		COMMONWEALTH EDISON CO 3.700% 03/01/2045 DD 03/02/15	27,163	26,615
		SEMPRA ENERGY 4.000% 02/01/2048 DD 01/12/18	26,568	26,278
		BOEING CO/THE 3.550% 03/01/2038 DD 02/23/18	23,867	25,937
		BAT CAPITAL CORP 4.758% 09/06/2049 DD 09/06/19	24,239	25,849
		WILLIAMS COS INC/THE 4.900% 01/15/2045 DD 06/27/14	22,056	24,834
		ANHEUSER-BUSCH INBEV WORLDWIDE 3.750% 07/15/2042 DD 07/16/12	19,125	24,816
		CHARTER COMMUNICATIONS OPERATI 6.484% 10/23/2045 DD 10/23/16	24,374	24,795
		WALT DISNEY CO/THE 5.400% 10/01/2043 DD 10/01/19	22,329	24,514
		WALT DISNEY CO/THE 6.400% 12/15/2035 DD 06/15/19	22,938	24,163
		VERIZON COMMUNICATIONS INC 4.522% 09/15/2048 DD 03/13/15	22,461	23,999
		UNITED TECHNOLOGIES CORP 4.150% 05/15/2045 DD 05/04/15	18,524	22,940
		AT&T INC 4.850% 07/15/2045 DD 01/15/19	19,986	22,843
		NORFOLK SOUTHERN CORP 3.942% 11/01/2047 DD 05/01/18	21,095	22,634
		APPLE INC 3.850% 05/04/2043 DD 05/03/13	21,375	22,423
		ORACLE CORP 4.000% 07/15/2046 DD 07/07/16	21,513	22,263
		GOLDMAN SACHS GROUP INC/THE VAR RT 04/23/2029 DD 01/23/18	20,000	21,458
		MIDAMERICAN ENERGY CO 3.150% 04/15/2050 DD 10/15/19	19,894	19,756
		SOUTHERN CALIFORNIA EDISON CO 5.625% 02/01/2036 DD 01/31/06	18,499	18,278
		ENERGY TRANSFER OPERATING LP 6.125% 12/15/2045 DD 06/23/15	17,063	17,396
		DISCOVERY COMMUNICATIONS LLC 4.950% 05/15/2042 DD 05/17/12	14,427	16,639
		JPMORGAN CHASE & CO VAR RT 05/01/2028 DD 04/25/17	15,138	15,938
		OCCIDENTAL PETROLEUM CORP 4.200% 03/15/2048 DD 03/02/18	14,808	14,901
		WALT DISNEY CO/THE 6.650% 11/15/2037 DD 11/15/19	13,937	14,865
		SOUTHERN CALIFORNIA EDISON CO 3.900% 03/15/2043 DD 03/07/13	11,794	12,310
		OCCIDENTAL PETROLEUM CORP 6.450% 09/15/2036 DD 09/15/19	13,076	12,284
		COX COMMUNICATIONS INC 144A 4.600% 08/15/2047 DD 08/07/17	9,809	12,215
		WILLIAMS COS INC/THE 5.750% 06/24/2044 DD 06/24/14	10,083	11,851
		JPMORGAN CHASE & CO VAR RT 01/23/2049 DD 01/23/18	10,000	11,255
		DUKE ENERGY PROGRESS LLC 3.700% 10/15/2046 DD 09/16/16	9,994	10,707
		CSX CORP 4.250% 11/01/2066 DD 10/18/16	8,820	10,698
		FEDEX CORP 4.050% 02/15/2048 DD 01/31/18	10,815	10,628
		TRANSCONTINENTAL GAS PIPE LINE 4.450% 08/01/2042 DD 07/13/12	10,415	10,535
		MPLX LP 4.500% 04/15/2038 DD 02/08/18	9,881	10,176
		AON PLC 4.750% 05/15/2045 DD 05/20/15	8,223	9,435
		VERIZON COMMUNICATIONS INC 4.862% 08/21/2046 DD 02/21/15	6,085	6,207
		ALABAMA POWER CO 4.300% 07/15/2048 DD 06/28/18	4,962	5,795
		CSX CORP 4.300% 03/01/2048 DD 02/20/18	4,896	5,680
		MPLX LP 4.700% 04/15/2048 DD 02/08/18	4,919	5,095
		COMMONWEALTH EDISON CO 4.350% 11/15/2045 DD 11/19/15	4,370	4,693
		Corporate Obligations Total	73,528,942	80,858,288
	U.S. Government Obligations			
		U S TREASURY BOND 3.000% 05/15/2047 DD 05/15/17	22,627,099	25,086,984
		U S TREASURY BOND 4.375% 05/15/2040 DD 05/15/10	10,475,515	11,021,292
		U S TREASURY BD PRIN STRIP 0.000% 08/15/2043 DD 08/15/13	4,970,245	5,929,898
		U S TREASURY BOND 4.375% 11/15/2039 DD 11/15/09	4,358,788	4,570,866
		U S TREASURY BOND 2.500% 02/15/2046 DD 02/15/16	3,696,097	3,919,928
		U S TREASURY BOND 3.750% 11/15/2043 DD 11/15/13	3,365,020	3,689,097
		U S TREASURY BD PRIN STRIP 0.000% 02/15/2040 DD 02/16/10	2,606,648	3,048,906
		U S TREASURY BOND 3.000% 08/15/2048 DD 08/15/18	2,521,900	2,478,375

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December 31, 2019

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(d) Cost	(e) Current value
		U S TREASURY BOND 2.250% 08/15/2046 DD 08/15/16	2,415,041	2,416,264
		U S TREASURY BOND 3.000% 02/15/2047 DD 02/15/17	1,965,481	2,221,123
		U S TREASURY NOTE 2.625% 02/15/2029 DD 02/15/19	2,168,341	2,115,797
		U S TREASURY NOTE 3.125% 11/15/2028 DD 11/15/18	1,605,106	1,628,400
		U S TREASURY BOND 3.000% 02/15/2049 DD 02/15/19	1,598,611	1,594,837
		U S TREASURY BOND 2.875% 11/15/2046 DD 11/15/16	1,390,481	1,550,450
		U S TREASURY NOTE 2.375% 05/15/2029 DD 05/15/19	1,289,344	1,248,144
		US TREAS-CPI INFLAT 0.375% 07/15/2027 DD 07/15/17	1,156,074	1,191,053
		U S TREASURY BOND 3.000% 02/15/2048 DD 02/15/18	924,584	1,014,327
		U S TREASURY BOND 3.125% 02/15/2043 DD 02/15/13	287,127	295,477
		US TREAS-CPI INFLAT 1.000% 02/15/2049 DD 02/15/19	116,157	113,628
		U.S. Government Obligations Total	69,537,659	75,134,846
	TOTAL 401(H) INVESTMENTS		359,453,978	454,647,738
	TOTAL INVESTMENTS		4,874,381,410	5,494,368,315

* Party-in-interest

Note: The information in this schedule has been certified as complete and accurate by Bank of New York Mellon/BNY Mellon, N.A., excluding information related to alternative investments, real estate and infrastructure.

American Electric Power System Retirement Plan
Schedule 2
Schedule H, Part IV, Line 4j - Schedule of Reportable Transactions
for the year ended December 31, 2019

(a) Identity of party involved	(b) Description of asset (include interest rate and maturity in case of a loan)	Transaction Count	(c) Purchase price**	(d) Selling price**	(e) Lease rental	(f) Expense incurred with transaction	(g) Cost of asset	(h) Current value of asset on transaction date	(i) Net gain or (loss)
*	EB TEMP INV FD VAR RT 12/31/49 FEE CL 00	107	\$ 889,936,448				\$ 889,936,448	\$ 889,936,448	-
*	EB TEMP INV FD VAR RT 12/31/49 FEE CL 01	143		\$ 863,237,836			863,237,836	863,237,836	

* Party-in-interest to the Plan.

** Purchase price and Selling price represent current value of the transaction(s).

Note: The information in this schedule has been certified as complete and accurate by Bank of New York Mellon/BNY Mellon, N.A.

American Electric Power System Retirement Plan
Schedule 3
Schedule H, Part IV, Line 4i - Schedule of Assets
(Acquired and Disposed of Within Year)
for the year ended December 31, 2019

(a) Identity of issue, borrower, lessor, or similar	(b) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(c) Cost of acquisitions	(d) Proceeds of dispositions
	US TREAS-CPI INFLAT 0.375% 07/15/2027 DD 07/15/17	(17,438,457)	17,753,884
	US TREAS-CPI INFLAT 0.375% 07/15/2027 DD 07/31/17	(17,367,794)	17,408,789
	US TREAS-CPI INFLAT FWD 0.375% 07/15/2027 DD 07/31/17	(17,028,473)	17,330,566
	US TREAS-CPI INFLAT FWD 0.375% 07/15/2027 DD 07/15/17	(16,862,937)	16,999,759
	U S TREASURY NOTE 0.375% 07/15/2027 DD 07/31/17	(16,821,327)	16,831,021
	US TREAS-CPI INFLAT FWD 0.375% 07/15/2027 DD 07/31/17	(16,514,210)	16,786,602
	US TREAS-CPI INFLATFWD 0.375% 07/15/2027 DD 07/15/17	(16,210,837)	16,484,862
	US ULTRA BOND (CBT) EXP SEP 19	-	15,047,407
	US TREAS-CPI INFLAT FWD 0.375% 07/15/2027 DD 07/15/17	(10,352,684)	10,243,839
	US TREASURY INFLATION FWD 0.375% 07/15/2027 DD 07/15/17	(10,261,032)	10,133,329
	US TREAS-CPI INFLAT FWD 0.875% 02/15/2047 DD 02/15/17	(6,776,725)	7,366,576
	US TREAS INFLAT INDEXED BONDS 0.875% 02/15/2047 DD 02/15/17	(7,027,838)	7,297,310
	US TREAS-CPI INFLAT FWD 0.875% 02/15/2047 DD 02/15/17	(7,368,795)	7,290,116
	US TREAS-CPI INFLAT FWD 0.875% 02/15/2047 DD 02/15/17	(7,301,424)	7,277,416
	US TREAS INFLAT INDEXED BONDS 0.875% 02/15/2047 DD 02/15/17	(7,301,227)	7,223,578
	CITIGROUP INC VAR RT 03/20/2030 DD 03/20/19	(6,738,184)	7,038,349
	US TR INFLATION INDX BND FWD 0.875% 02/15/2047 DD 02/15/17	(7,286,943)	7,021,952
	US TREAS-CPI INFLAT 0.875% 02/15/2047 DD 02/15/17	(6,767,069)	6,772,285
	US LONG BOND FUTURE (CBT) EXP DEC 19	-	6,643,926
	BRISTOL-MYERS SQUIBB CO 144A 2.900% 07/26/2024 DD 05/16/19	(6,344,690)	6,504,368
	US 2YR NOTE FUTURE (CBT) EXP SEP 19	-	5,860,548
	US TREAS-CPI INFLAT BONDS FWD 0.750% 02/15/2045 DD 02/27/15	(5,474,356)	5,484,088
	US TREAS-CPI INFLAT FWD 0.875% 02/15/2047 DD 02/28/17	(5,340,098)	5,427,216
	US TREAS-CPI INFLAT FWD 0.875% 02/15/2047 DD 02/28/17	(5,213,331)	5,332,944
	US TREAS-CPI INFLAT FWD 0.750% 02/15/2045 DD 02/15/15	(4,798,734)	5,203,396
	US TREAS INFLAT INDEXED BONDS 0.750% 02/15/2045 DD 02/15/15	(4,974,625)	5,161,121
	U S TREASURY NOTE FWD 1.500% 02/28/2023 DD 02/29/16	(5,040,909)	5,108,756
	US TREAS INFLAT INDEXED BONDS 0.750% 02/15/2045 DD 02/15/15	(5,164,000)	5,093,066
	US TREASURY NOTE FWD 1.500% 02/28/2023 DD 02/29/16	(5,071,174)	5,084,074
	U S TREASURY NOTE FWD 1.500% 02/28/2023 DD 02/29/16	(5,112,554)	5,083,281
	UNITED STATES T NOTE FWD 1.500% 02/28/2023 DD 02/29/16	(5,086,765)	5,069,525
	U S TREASURY NOTE FWD 1.500% 02/28/2023 DD 02/29/16	(5,003,607)	5,050,673
	US TREAS-CPI INFLAT FWD 0.750% 02/15/2045 DD 02/15/15	(4,955,387)	5,037,680
	U S TREASURY NOTE FWD 1.500% 02/28/2023 DD 02/29/16	(5,056,475)	5,036,917
	U S TREASURY NOTE FWD 1.500% 02/28/2023 DD 02/29/16	(4,948,757)	4,999,469
	US TREASURY INFLATION FWD 0.750% 02/15/2045 DD 02/15/15	(5,188,237)	4,969,899
	U S TREASURY NOTE FWD 1.500% 02/28/2023 DD 02/29/16	(4,906,191)	4,967,625
	UNITED STATES TREASURY NOTE 1.500% 02/28/2023 DD 02/29/16	(4,972,916)	4,944,140
	US TREAS-CPI INFLAT FWD 0.750% 02/15/2045 DD 02/15/15	(5,044,525)	4,930,526
	U S TREASURY NOTE FWD 1.500% 02/28/2023 DD 02/29/16	(4,888,902)	4,901,947
	US TREAS-CPI INFLAT 0.750% 02/15/2045 DD 02/27/15	(4,788,619)	4,795,298
	US TREAS INFLAT INDEXED NOTES 0.375% 07/15/2027 DD 07/31/17	(4,666,376)	4,693,774
	US TREAS INFLAT INDEXED NOTES 0.375% 07/15/2027 DD 07/15/17	(4,697,266)	4,693,620
	BANK OF MONTREAL 2.900% 03/26/2022 DD 03/26/19	(4,458,646)	4,556,763
	US TREAS-CPI INFLAT FWD 0.375% 01/15/2027 DD 01/15/17	(4,316,395)	4,396,883
	US TREAS INFLAT INDEXED NOTES 0.375% 01/15/2027 DD 01/15/17	(4,315,482)	4,342,499
	US TREAS INFLAT INDEXED NOTES 0.375% 01/15/2027 DD 01/15/17	(4,345,891)	4,341,912
	US TREAS-CPI INFLAT FWD 0.375% 01/15/2027 DD 01/15/17	(4,404,207)	4,340,512
	US TREASURY INFLATION FWD 0.375% 01/15/2027 DD 01/15/17	(4,347,795)	4,310,320
	U S TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(3,758,241)	4,219,126
	CITIGROUP INC VAR RT 04/24/2025 DD 04/24/19	(4,051,489)	4,185,072
	US TREAS-CPI INFLAT 0.875% 02/15/2047 DD 02/28/17	(4,134,442)	4,170,663
	US TREAS INFLAT INDEXED BONDS 0.875% 02/15/2047 DD 02/28/17	(3,999,472)	4,127,990
	U S TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(4,218,501)	4,056,380
	US TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(3,919,382)	3,988,080
	US TREASURY BND FWD 3.125% 02/15/2043 DD 02/15/13	(4,055,450)	3,921,914
	US TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(3,986,388)	3,914,444
	U S TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(3,712,061)	3,810,927
	US ULTRA BOND (CBT) EXP JUN 19	-	3,790,504
	US TREAS-CPI INFLAT 3.125% 02/15/2043 DD 02/15/13	(3,810,374)	3,759,702
	US 10YR ULTRA FUTURE (CBT) EXP JUN 19	-	3,747,992
	U S TREASURY BOND 3.125% 02/15/2043 DD 02/15/13	(3,560,088)	3,712,745
	US TREAS-CPI INFLAT 0.375% 01/15/2027 DD 01/31/17	(3,689,848)	3,690,455
	U S TREASURY NOTE FWD 2.000% 08/15/2025 DD 08/17/15	(3,513,178)	3,610,226
	US TREASURY BOND FWD VAR RT 02/15/2043 DD 02/15/13	(3,488,415)	3,585,750
	U S TREASURY NOTE FWD 2.000% 08/15/2025 DD 08/15/15	(3,611,431)	3,562,716
	US TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(3,584,792)	3,561,205

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(a) Identity of issue, borrower, lessor, or similar	(b) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(c) Cost of acquisitions	(d) Proceeds of dispositions
	US TREASURY NOTE FWD 2.000% 08/15/2025 DD 08/15/15	(3,549,111)	3,558,984
	US TREASURY NOTE FWD 2.000% 08/15/2025 DD 08/15/15	(3,563,932)	3,549,336
	U S TREASURY NOTE 2.000% 08/15/2025 DD 08/17/15	(3,468,768)	3,521,486
	U S TREASURY NOTE 2.000% 08/15/2025 DD 08/17/15	(3,523,665)	3,511,929
	U S TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(3,462,962)	3,489,703
	JPMORGAN CHASE & CO VAR RT 04/01/2023 DD 03/22/19	(3,441,867)	3,469,996
	U S TREASURY NOTE FWD 2.000% 08/15/2025 DD 08/15/15	(3,412,887)	3,467,149
	U S TREASURY NOTE 2.000% 08/15/2025 DD 08/17/15	(3,378,769)	3,430,834
	U S TREASURY NOTE 2.000% 08/15/2025 DD 08/17/15	(3,432,878)	3,411,175
	US 10YR NOTE FUTURE (CBT) EXP SEP 19	-	3,334,286
	U S TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(2,819,609)	3,155,433
	APPLE INC 3.200% 05/11/2027 DD 05/11/17	(3,104,031)	3,114,269
	U S TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(3,154,398)	3,032,119
	U S TREASURY NOTE FWD 2.250% 08/15/2027 DD 08/15/17	(2,892,187)	2,999,055
	US TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(2,940,492)	2,994,347
	FISERV INC 2.750% 07/01/2024 DD 06/24/19	(2,895,128)	2,946,719
	US TREASURY BND FWD 3.625% 08/15/2043 DD 08/15/13	(3,030,908)	2,942,874
	US TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(2,992,843)	2,940,652
	BRISTOL-MYERS SQUIBB CO 144A 3.200% 06/15/2026 DD 05/16/19	(2,872,166)	2,920,584
	US 10YR ULTRA FUTURE (CBT) EXP SEP 19	-	2,915,031
	US TREAS-CPI INFLAT FWD 0.875% 02/15/2047 DD 02/15/17	(2,951,577)	2,888,422
	U S TREASURY BOND 3.625% 08/15/2043 DD 08/15/13	(2,774,488)	2,846,222
	U S TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(2,845,328)	2,821,041
	U S TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(2,661,584)	2,775,492
	MEXICO GOVERNMENT INTERNATIONAL 4.500% 04/22/2029 DD 01/22/19	(2,657,821)	2,760,367
	US TREAS-CPI INFLAT FWD 0.875% 01/15/2029 DD 01/15/19	(2,642,865)	2,726,567
	U S TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(2,618,180)	2,698,837
	US TREAS-CPI INFLAT FWD 0.875% 01/15/2029 DD 01/15/19	(2,730,118)	2,678,833
	U S TREASURY BOND 3.625% 08/15/2043 DD 08/15/13	(2,697,720)	2,662,917
	US TREAS-CPI INFLAT 0.875% 01/15/2029 DD 01/15/19	(2,636,280)	2,639,592
	BANK OF AMERICA CORP VAR RT 03/15/2025 DD 03/15/19	(2,592,353)	2,636,630
	US TREAS-CPI INFLAT FWD 0.875% 01/15/2029 DD 01/31/19	(2,581,254)	2,631,992
	U S TREASURY BONDFWD 3.625% 08/15/2043 DD 08/15/13	(2,607,992)	2,619,591
	US TREAS-CPI INFLAT FWD 0.875% 01/15/2029 DD 01/15/19	(2,554,955)	2,577,856
	WALT DISNEY CO/THE 144A 7.850% 03/01/2039 DD 03/20/19	(2,480,464)	2,573,293
	US TREAS-CPI INFLAT 0.875% 01/15/2029 DD 01/15/19	(2,539,618)	2,551,127
	HONG KONG GOVERNMENT INTE 144A 2.500% 05/28/2024 DD 05/28/19	(2,503,549)	2,542,860
	US TREAS-CPI INFLAT FWD 0.750% 02/15/2045 DD 02/27/15	(2,490,890)	2,534,880
	CITIGROUP INC VAR RT 10/27/2028 DD 10/27/17	(2,519,111)	2,519,499
	COMCAST CORP 3.700% 04/15/2024 DD 10/05/18	(2,447,048)	2,508,110
	JPMORGAN CHASE & CO VAR RT 01/29/2027 DD 01/29/19	(2,345,000)	2,498,234
	ROYAL BANK OF CANADA 2.800% 04/29/2022 DD 04/29/19	(2,343,992)	2,374,781
	US TREAS-CPI INFLAT FWD 0.750% 02/15/2045 DD 02/15/15	(2,199,700)	2,256,471
	WALT DISNEY CO/THE 144A 4.500% 02/15/2021 DD 03/20/19	(2,231,032)	2,233,242
	U S TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	(1,987,939)	2,232,549
	BANK OF AMERICA CORP VAR RT 04/23/2040 DD 04/23/19	(2,155,000)	2,204,560
	US TREAS-CPI INFLAT 0.750% 02/15/2045 DD 02/27/15	(2,180,618)	2,196,354
	WALT DISNEY CO/THE 6.650% 11/15/2037 DD 11/15/19	(2,041,741)	2,187,069
	US TREAS-CPI INFLAT FWD 0.750% 02/15/2045 DD 02/27/15	(2,115,596)	2,177,016
	U S TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	(2,232,513)	2,148,481
	US TREASURY INFLATION FWD 0.875% 01/15/2029 DD 01/15/19	(2,149,113)	2,133,378
	KRAFT HEINZ FOODS CO 144A 3.750% 04/01/2030 DD 09/25/19	(2,108,776)	2,131,596
	WRKCO INC 4.650% 03/15/2026 DD 12/03/18	(1,942,160)	2,120,837
	US TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	(2,077,608)	2,115,958
	US TREAS-CPI INFLAT BONDS FWD 2.125% 02/15/2041 DD 02/28/11	(2,097,900)	2,112,681
	US TREASURY BND FWD 2.750% 11/15/2042 DD 11/15/12	(2,148,316)	2,078,699
	US TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	(2,115,241)	2,077,947

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(a) Identity of issue, borrower, lessor, or similar party	(b) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(c) Cost of acquisitions	(d) Proceeds of dispositions
	QATAR GOVERNMENT INTERNAT 144A 4.000% 03/14/2029 DD 03/14/19	(1,938,173)	2,043,328
	CITIGROUP INC VAR RT 04/23/2029 DD 04/23/18	(2,010,455)	2,018,870
	U S TREASURY BOND 2.750% 11/15/2042 DD 11/15/12	(1,958,087)	2,009,896
	U S TREASURY BOND 2.750% 11/15/2042 DD 11/15/12	(2,009,996)	1,988,315
	PNC BANK NA 2.500% 01/22/2021 DD 01/22/18	(1,974,866)	1,976,777
	MICRON TECHNOLOGY INC 4.975% 02/06/2026 DD 02/06/19	(1,834,637)	1,967,762
	U S TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	(1,874,131)	1,958,161
	US TREAS INFLAT INDEXED NOTES 0.625% 04/15/2023 DD 04/15/18	(1,902,959)	1,906,500
	US TREAS INFLAT INDEXED NOTES 0.625% 04/15/2023 DD 04/15/18	(1,900,915)	1,901,772
	US TSRY INFLATION INDEX NOTES 0.625% 04/15/2023 DD 04/15/18	(1,902,432)	1,900,108
	U S TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	(1,840,108)	1,897,554
	U S TREASURY BOND 2.750% 11/15/2042 DD 11/15/12	(1,897,441)	1,874,394
	U S TREASURY BONDFWD 2.750% 11/15/2042 DD 11/15/12	(1,830,960)	1,840,481
	QATAR GOVERNMENT INTERNAT 144A 4.817% 03/14/2049	(1,773,225)	1,829,684
	CITIGROUP INC VAR RT 01/24/2023 DD 01/24/18	(1,775,357)	1,797,656
	US 2YR NOTE FUTURE (CBT) EXP JUN 19	-	1,769,192
	UNITED AIRLINES 2019-2 CLASS A 2.700% 11/01/2033 DD 09/13/19	(1,690,000)	1,700,174
	CVS HEALTH CORP 3.350% 03/09/2021 DD 03/09/18	(1,660,395)	1,678,021
	BANK OF AMERICA CORP VAR RT 03/05/2029 DD 03/05/18	(1,567,865)	1,597,170
	BANK OF AMERICA NA VAR RT 01/25/2023 DD 01/25/19	(1,550,000)	1,592,129
	TORONTO-DOMINION BANK/THE 2.650% 06/12/2024 DD 06/12/19	(1,554,782)	1,587,608
	US BANK NA/CINCINNATI OH VAR RT 05/21/2021 DD 05/24/18	(1,577,820)	1,579,402
	KEURIG DR PEPPER INC 4.417% 05/25/2025 DD 05/25/19	(1,450,000)	1,576,355
	BANK OF AMERICA CORP VAR RT 05/17/2022 DD 05/17/18	(1,496,614)	1,505,110
	US TREAS INFLAT INDEXED NOTES 0.500% 01/15/2028 DD 01/15/18	(1,469,201)	1,468,215
	US TREAS INFLAT INDEXED NOTES 0.500% 01/15/2028 DD 01/15/18	(1,458,635)	1,468,171
	ROYAL BANK OF CANADA 2.550% 07/16/2024 DD 07/16/19	(1,442,515)	1,460,903
	US TREASURY INFLATION FWD 0.500% 01/15/2028 DD 01/15/18	(1,470,985)	1,457,061
	US TREAS INFLAT INDEXED NOTES 0.250% 07/15/2029 DD 07/15/19	(1,459,534)	1,454,499
	VERIZON COMMUNICATIONS IN 144A 4.016% 12/03/2029 DD 02/28/19	(1,318,961)	1,411,186
	DAIMLER FINANCE NORTH AME 144A 2.700% 06/14/2024 DD 08/15/19	(1,377,613)	1,390,350
	US 10YR ULTRA FUTURE (CBT) EXP DEC 19	-	1,335,163
	US TREAS INFLAT INDEXED NOTES 0.875% 01/15/2029 DD 01/15/19	(1,329,526)	1,329,786
	US TREAS INFLAT INDEXED NOTES 0.875% 01/15/2029 DD 01/15/19	(1,320,769)	1,328,831
	BANK OF MONTREAL VAR RT 12/15/2032 DD 12/12/17	(1,295,437)	1,310,930
	JPMORGAN CHASE & CO VAR RT 04/25/2023 DD 04/25/17	(1,299,456)	1,297,597
	COMMONSPIRIT HEALTH 4.187% 10/01/2049 DD 08/21/19	(1,317,293)	1,289,849
	BMW FINANCE NV 144A 2.850% 08/14/2029 DD 08/14/19	(1,281,678)	1,285,790
	BRISTOL-MYERS SQUIBB CO 144A 4.125% 06/15/2039 DD 05/16/19	(1,200,879)	1,226,859
	US TREAS INFLAT INDEXED NOTES 0.625% 01/15/2026 DD 01/15/16	(1,211,382)	1,211,469
	US TREAS INFLAT INDEXED NOTES 0.625% 01/15/2026 DD 01/15/16	(1,207,505)	1,210,627
	NOBLE ENERGY INC 3.900% 11/15/2024 DD 11/07/14	(1,138,039)	1,188,518
	NESTLE HOLDINGS INC 144A 3.500% 09/24/2025 DD 09/24/18	(1,126,067)	1,170,270
	MICROCHIP TECHNOLOGY INC 3.922% 06/01/2021 DD 05/29/18	(1,135,000)	1,158,086
	MEXICO GOVERNMENT INTERNATIONA 4.125% 01/21/2026 DD 01/21/16	(1,136,812)	1,148,125
	IMPERIAL BRANDS FINANCE P 144A 3.125% 07/26/2024 DD 07/26/19	(1,114,456)	1,121,994
	KAISER FOUNDATION HOSPITALS 3.150% 05/01/2027 DD 05/03/17	(1,029,612)	1,084,377
	BANK OF AMERICA CORP VAR RT 01/20/2028 DD 01/20/17	(1,075,810)	1,076,900
	NOBLE ENERGY INC 3.250% 10/15/2029 DD 10/01/19	(1,039,813)	1,031,472
	REGIONS BANK/BIRMINGHAM AL 2.750% 04/01/2021 DD 01/26/18	(923,741)	933,862
	WEA FINANCE LLC 144A 3.500% 06/15/2029 DD 06/10/19	(935,129)	929,690
	AT&T INC 3.875% 01/15/2026 DD 01/15/19	(823,385)	888,231
	INFRASTRUCTURA ENERGETIC 144A 4.875% 01/14/2048	(780,924)	845,829
	GLENCORE FUNDING LLC 144A 4.875% 03/12/2029 DD 03/12/19	(817,227)	830,331
	NEXTERA ENERGY CAPITAL HOLDING 2.403% 09/01/2021 DD 08/08/19	(827,021)	829,626
	ABBVIE INC 144A 2.300% 11/21/2022 DD 11/21/19	(824,191)	826,819
	ENERGY TRANSFER OPERATING LP 4.950% 06/15/2028 DD 06/08/18	(771,963)	814,173

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	NATIONAL RURAL UTILITIES COOPE 3.700% 03/15/2029 DD 01/31/19	(708,417)	789,193
	AXA EQUITABLE HOLDINGS INC 4.350% 04/20/2028 DD 10/20/18	(768,175)	768,773
	WRKCO INC 4.900% 03/15/2029 DD 12/03/18	(762,811)	756,311
	O'REILLY AUTOMOTIVE INC 3.900% 06/01/2029 DD 05/20/19	(714,936)	753,496
	ALCON FINANCE CORP 144A 2.750% 09/23/2026 DD 09/23/19	(746,310)	752,010
	SAUDI ARABIAN OIL CO 144A 2.875% 04/16/2024 DD 04/16/19	(688,755)	711,998
	AMERICAN EXPRESS CO 3.375% 05/17/2021 DD 05/17/18	(703,396)	709,512
	DISCOVERY COMMUNICATIONS LLC 5.300% 05/15/2049 DD 05/21/19	(690,442)	699,894
	MITSUBISHI UFJ FINANCIAL GROUP 3.741% 03/07/2029 DD 03/07/19	(668,696)	673,563
	INDONESIA GOVERNMENT INTERNATI 3.500% 01/11/2028 DD 12/11/17	(654,087)	668,325
	GOLDMAN SACHS GROUP INC/THE VAR RT 06/05/2023 DD 06/05/17	(635,304)	650,881
	DISCOVERY COMMUNICATIONS LLC 3.950% 06/15/2025 DD 12/15/18	(625,812)	650,765
	BOLSAS Y MERCADOS ESPANOL SH	(419,608)	626,376
	BRISTOL-MYERS SQUIBB CO 144A 3.400% 07/26/2029 DD 05/16/19	(595,050)	626,046
	DISCOVERY COMMUNICATIONS LLC 4.125% 05/15/2029 DD 05/21/19	(598,980)	622,338
	WALT DISNEY CO/THE 144A 6.400% 12/15/2035 DD 03/20/19	(590,985)	613,073
	US TREAS-CPI INFLAT FWD 0.500% 01/15/2028 DD 01/15/18	(583,937)	581,690
	LIBERTY MUTUAL GROUP INC 144A 4.500% 06/15/2049 DD 06/11/19	(528,517)	575,537
	DISCOVERY COMMUNICATIONS LLC 2.800% 06/15/2020 DD 12/15/18	(566,173)	572,224
	UBS GROUP AG 144A VAR RT 08/13/2030 DD 08/13/19	(545,000)	556,298
	NIAGARA MOHAWK POWER CORP 144A 3.508% 10/01/2024 DD 09/25/14	(541,087)	542,174
	FIFTH THIRD BANCORP 3.650% 01/25/2024 DD 01/25/19	(519,033)	524,061
	CREDIT SUISSE GROUP AG 144A VAR RT 01/12/2029 DD 01/12/18	(480,699)	520,516
	SOUTHERN CALIFORNIA EDISON CO 2.850% 08/01/2029 DD 08/06/19	(499,225)	507,190
	CELGENE CORP 3.875% 08/15/2025 DD 08/12/15	(448,732)	491,577
	COMCAST CORP 3.450% 02/01/2050 DD 11/05/19	(458,901)	470,585
	BANK OF AMERICA CORP VAR RT 01/23/2026 DD 01/23/18	(456,028)	470,283
	MARS INC 144A 3.200% 04/01/2030 DD 03/29/19	(438,702)	456,883
	MARATHON PETROLEUM CORP 5.125% 12/15/2026 DD 12/15/18	(444,256)	448,724
	ALCON INC	(357,241)	445,079
	WALT DISNEY CO/THE 4.500% 02/15/2021 DD 08/15/19	(438,455)	439,072
	SHANGHAI FOSUN PHARMACEUTICAL HK/02196	(425,230)	431,320
	DOW CHEMICAL CO/THE 144A 4.800% 05/15/2049 DD 05/20/19	(400,650)	431,100
	PETROLEOS MEXICANOS 6.750% 09/21/2047 DD 09/21/16	(437,249)	429,029
	WALT DISNEY CO/THE 144A 6.150% 03/01/2037 DD 03/20/19	(403,722)	421,528
	AT&T INC 3.600% 07/15/2025 DD 01/15/19	(398,112)	418,836
	VODAFONE GROUP PLC 4.875% 06/19/2049 DD 06/19/19	(358,616)	405,387
	TENCENT HOLDINGS LTD 144A 3.575% 04/11/2026 DD 04/11/19	(394,976)	395,514
	VODAFONE GROUP PLC 4.125% 05/30/2025 DD 05/30/18	(360,292)	387,490
	GOLDMAN SACHS GROUP INC/THE VAR RT 09/29/2025 DD 09/29/17	(350,686)	358,068
	ABBVIE INC 144A 2.600% 11/21/2024 DD 11/21/19	(354,750)	356,484
	STEEL DYNAMICS INC 2.800% 12/15/2024 DD 12/11/19	(354,734)	355,717
	MARS INC 144A 3.600% 04/01/2034 DD 03/29/19	(338,749)	339,096
	ABBVIE INC 144A 3.200% 11/21/2029 DD 11/21/19	(314,921)	320,182
	ONCOR ELECTRIC DELIVERY CO LLC 5.750% 03/15/2029 DD 11/30/18	(284,075)	312,615
	CHILE GOVERNMENT INTERNATIONAL 3.240% 02/06/2028 DD 02/06/18	(291,740)	301,890
	MARATHON PETROLEUM CORP 4.500% 04/01/2048 DD 04/01/19	(307,339)	295,025
	US 10 YR TREAS NTS FUTURE (CBT EXP JUN 19	-	294,345
	COMMONWEALTH BANK OF AUST 144A 3.743% 09/12/2039 DD 09/12/19	(290,000)	289,063
	FOX CORP 144A 3.666% 01/25/2022 DD 01/25/19	(250,000)	258,593
	US TREAS-CPI INFLAT FWD 0.750% 02/15/2045 DD 02/15/15	(249,004)	250,090
	US TREAS-CPI INFLAT FWD 0.750% 02/15/2045 DD 02/15/15	(251,184)	248,613
	WORLDLINE SA/FRANCE	(211,639)	243,223
	COMCAST CORP 2.650% 02/01/2030 DD 11/05/19	(224,665)	224,165
	CYRUSONE LP / CYRUSONE FINANCE 2.900% 11/15/2024 DD 12/05/19	(219,690)	220,999
	COLOMBIA GOVERNMENT INTERNATIO 2.625% 03/15/2023 DD 01/29/13	(204,898)	206,230
	PEARSON PLC	(218,598)	188,799

American Electric Power System Retirement Plan

Schedule 3

Schedule H, Part IV, Line 4i - Schedule of Assets

(Acquired and Disposed of Within Year)

for the year ended December 31, 2019

(a) Identity of issue, borrower, lessor, or similar	(b) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(c) Cost of acquisitions	(d) Proceeds of dispositions
	ADEVINTA ASA	(169,152)	182,443
	MEDIASET ESPANA COMUNICACION S	(156,957)	169,487
	INFINEON TECHNOLOGIES AG	(163,818)	165,395
	DEUTSCHE BANK AG	(85,328)	80,767
	MAERSK DRILLING A/S	(90,621)	73,362
	DURATEX SA	(47,971)	44,824
	PENSKE TRUCK LEASING CO L 144A 3.450% 07/01/2024 DD 05/01/19	(39,906)	41,575
	CCP_IRS. P USD-LIBOR-BBA 3M CM REC 1.7% 2030 NOV 23	-	1,842
	CCP_IRS._R USD-LIBOR-BBA 3M CM PAY 1.69% 2030 NOV 23	-	(725)
	CCP_IRS._R USD-LIBOR-BBA 3M CM PAY 1.7% 2030 NOV 23	-	(857)
	90DAY EURO\$ FUTURE (CME) EXP JUN 19	-	(17,150)
	90DAY EURO\$ FUTURE (CME) EXP JUN 20	-	(62,413)
	USD IRS 10YR PRIM FUTURE (CBT) EXP MAR 19	-	(260,461)
	USD IRS 10YR PRIM FUTURE (CBT) EXP JUN 19	-	(272,359)
	US 10YR NOTE FUTURE (CBT) EXP DEC 19	-	(539,781)
	US TREAS-CPI INFLAT 1.000% 02/15/2048 DD 02/15/18	668,912	(683,392)
	US TREAS-CPI INFLAT INDEXED 1.000% 02/15/2049 DD 02/15/19	949,643	(987,397)
	US 5YR TREAS NTS FUTURE (CBT) EXP DEC 19	-	(1,015,463)
	US 2YR TREAS NTS FUT (CBT) EXP DEC 19	-	(1,400,423)
	US TSYR INFLATION INDEX NOTES 0.500% 04/15/2024 DD 04/15/19	1,455,252	(1,452,030)
	US 5YR NOTE FUTURE (CBT) EXP JUN 19	-	(1,901,562)
	US TREAS-CPI INFLAT FWD 1.000% 02/15/2049 DD 02/15/19	2,242,180	(2,283,341)
	US TREAS-CPI INFLAT FWD 1.000% 02/15/2048 DD 02/28/18	2,897,997	(2,833,218)
	US ULTRA BOND (CBT) EXP DEC 19	-	(3,994,766)
	US TREAS-CPI INFLAT FWD 1.000% 02/15/2048 DD 02/15/18	4,795,610	(4,921,600)
	US TREASURY INFLAT INDEXED BDS 1.000% 02/15/2048 DD 02/15/18	5,089,953	(5,076,437)
	US TREAS INFLAT INDEXED BONDS 3.125% 02/15/2043 DD 02/15/13	4,927,339	(5,082,982)
	US TREAS-CPI INFLAT 1.000% 02/15/2049 DD 02/28/19	5,260,036	(5,309,794)
	US TREAS BOND FUTURE (CBT) EXP JUN 19	-	(5,480,014)
	U S TREASURY BOND 0.500% 04/15/2024 DD 04/15/19	5,802,700	(5,799,831)
	US 5YR NOTE FUTURE (CBT) EXP SEP 19	-	(6,162,346)
	US TREAS-CPI INFLAT FWD 0.500% 04/15/2024 DD 04/15/19	6,842,092	(6,791,379)
	US TR INFLATION INDX BND FWD 0.500% 04/15/2024 DD 04/15/19	6,792,862	(6,796,660)
	US TREAS-CPI INFLAT FWD 0.500% 04/15/2024 DD 04/15/19	6,779,515	(6,834,631)
	US TREAS-CPI INFLAT FWD 1.000% 02/15/2049 DD 02/15/19	6,961,886	(7,131,925)
	US TREAS-CPI INFLAT FWD 1.000% 02/15/2049 DD 02/15/19	7,140,327	(7,254,878)
	US TREAS-CPI INFLAT FWD 1.000% 02/15/2049 DD 02/15/19	9,572,196	(9,473,690)
	US TREAS INFLAT INDEXED NOTES 0.500% 04/15/2024 DD 04/15/19	9,897,541	(9,914,934)
	US TREAS INFLAT INDEXED NOTES 0.500% 04/15/2024 DD 04/15/19	9,920,760	(9,937,366)
	U S TREASURY NOTE 1.000% 02/15/2049 DD 02/15/19	10,774,270	(10,808,558)
	US TREASURY INFLATION FWD 1.000% 02/15/2049 DD 02/15/19	11,707,500	(11,209,061)
	US TREAS INFLAT INDEXED BONDS 1.000% 02/15/2049 DD 02/15/19	11,658,936	(11,514,680)
	US TREAS INFLAT INDEXED BONDS 1.000% 02/15/2049 DD 02/15/19	11,215,971	(11,654,797)
	US TREAS-CPI INFLAT FWD 1.000% 02/15/2049 DD 02/15/19	11,766,308	(11,694,743)
	US TREAS-CPI INFLAT FWD 1.000% 02/15/2049 DD 02/15/19	10,811,998	(11,818,278)
	U S TREASURY NOTE FWD 2.250% 08/15/2027 DD 08/15/17	14,892,442	(14,982,407)
	US LONG BOND FUTURE (CBT) EXP SEP 19	-	(20,825,500)
Total Assets Acquired and Disposed of Within Year		(470,023,032)	479,217,961

Note: The information in this schedule has been certified as complete and accurate by Bank of New York Mellon/BNY Mellon, N.A., excluding information related to alternative investments, real estate and infrastructure.

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26 Schedule of Active Participant Data as of January 1, 2019

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				318	68,876	3,830	7								
25 to 29				912	73,753	5,981	255	85,681	15,647	15					
30 to 34				813	80,026	7,353	433	92,886	20,704	386	101,422	37,088	7		
35 to 39				607	83,643	8,511	376	91,161	24,025	764	104,160	46,132	189	105,558	64,419
40 to 44				383	85,516	10,449	271	92,855	28,487	652	103,828	53,953	354	116,914	81,040
45 to 49				312	90,345	12,887	216	98,726	32,694	518	103,254	61,354	355	122,050	99,872
50 to 54				216	98,396	13,710	151	96,768	39,284	366	105,512	70,128	280	118,643	114,226
55 to 59				176	91,278	16,842	108	92,581	42,239	279	104,104	79,897	222	115,736	126,877
60 to 64				80	91,928	19,732	76	90,604	43,401	142	105,661	88,897	121	119,810	144,668
65 to 69				16			25	96,529	49,044	35	91,117	84,573	34	121,912	160,236
70 & Over				3			6			11			13		

Plan Name: American Electric Power System Retirement Plan
 EIN / PN: 13-4922641/001
 Plan Sponsor: American Electric Power Service Corporation
 Valuation Date: January 1, 2019

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26 Schedule of Active Participant Data as of January 1, 2019

Attained Age	Years Of Credited Service														
	20 to 24			25 to 29			30 to 34			35 to 39			40 & up		
	Average			Average			Average			Average			Average		
	No.	Comp.	Cash Bal.	No.	Comp.	Cash Bal.	No.	Comp.	Cash Bal.	No.	Comp.	Cash Bal.	No.	Comp.	Cash Bal.
Under 25															
25 to 29															
30 to 34															
35 to 39	7														
40 to 44	127	108,710	87,609	2											
45 to 49	285	114,908	108,918	144	127,486	140,752	6								
50 to 54	276	115,673	128,165	491	121,355	153,095	385	118,787	163,371	29	100,236	160,644			
55 to 59	249	109,945	134,688	357	112,352	158,425	820	120,221	179,033	783	120,074	186,098	63	104,837	186,007
60 to 64	116	94,345	136,072	207	108,600	169,417	370	110,540	181,608	654	120,776	205,250	456	114,883	199,651
65 to 69	17			30	98,451	164,543	45	114,396	187,639	87	115,132	203,138	132	118,944	204,632
70 & Over	1			5			6			8			12		

Plan Name: American Electric Power System Retirement Plan
 EIN / PN: 13-4922641/001
 Plan Sponsor: American Electric Power Service Corporation
 Valuation Date: January 1, 2019

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Statement of Actuarial Assumptions/Methods

Economic Assumptions

Interest rate basis:

- Applicable month (published) October 2018
- Yield curve basis Segment rates

Funding interest rates:

	Reflecting Corridors	Not Reflecting Corridors
■ First segment rate	3.74%	2.35%
■ Second segment rate	5.35%	3.85%
■ Third segment rate	6.11%	4.47%
■ Effective interest rate	5.43%	3.95%

Annual rates of increase

- Compensation:

	<i>Age</i>	<i>Rate</i>
— Representative rates	< 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		4.95%
- Cash balance crediting rate 4.00%
- Lump sum/annuity conversion rate October 2018 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
 EIN / PN: 13-4922641/001
 Plan Sponsor: American Electric Power Service Corporation
 Valuation Date: January 1, 2019

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-2014 "Employees" table without collar or amount adjustments, adjusted backward to 2006 with MP-2014, and then projected forward with a static projection as specified in the regulations under §1.430(h)(3)-1 using Scale MP-2017) and annuitants (based on RP-2014 "Healthy Annuitants" table without collar or amount adjustments, adjusted backward to 2006 with MP-2014, and then projected forward with a static projection as specified in the regulations under §1.430(h)(3)-1 using Scale MP-2017).
- **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 Service Corporation
 Valuation Date: January 1, 2019

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.

For current deferred vested participants with a cash balance type benefit, 100% lump sum is assumed. For all other current deferred vested participants 100% annuity is assumed.

Percent married

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

Spouse age

Wives are assumed to be three years younger than husbands.

Valuation pay

2019 base salary pay (Grandfathered) – not estimated due to freeze of final average pay accruals at December 31, 2010.

2019 expanded pay (Cash Balance) – sum of the following updated one year according to the salary increase assumption:

- (i) 2019 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 Service Corporation
Valuation Date: January 1, 2019

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:
EIN / PN:
Plan Sponsor:
Valuation Date

American Electric Power System Retirement Plan
13-4922641/001
American Electric Power Service Corporation
January 1, 2019

SCHEDULE SB ATTACHMENTS

Data Sources

Willis Towers Watson used participant and asset data as of January 1, 2018, 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.

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 Service Corporation
Valuation Date	January 1, 2019

SCHEDULE SB ATTACHMENTS

Assumptions Rationale - Significant Demographic Assumptions

Mortality	Assumptions used for accounting purposes were selected by the plan sponsor and, as required by U.S. GAAP, represent a best estimate of future experience. 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 Service Corporation
Valuation Date	January 1, 2019

American Electric Power System Retirement Plan
Schedule 2
Schedule H, Part IV, Line 4j - Schedule of Reportable Transactions
for the year ended December 31, 2019

(a) Identity of party involved	(b) Description of asset (include interest rate and maturity in case of a loan)	Transaction Count	(c) Purchase price**	(d) Selling price**	(e) Lease rental	(f) Expense incurred with transaction	(g) Cost of asset	(h) Current value of asset on transaction date	(i) Net gain or (loss)
*	EB TEMP INV FD VAR RT 12/31/49 FEE CL 00	107	\$ 889,936,448				\$ 889,936,448	\$ 889,936,448	-
*	EB TEMP INV FD VAR RT 12/31/49 FEE CL 01	143		\$ 863,237,836			863,237,836	863,237,836	

* Party-in-interest to the Plan.

** Purchase price and Selling price represent current value of the transaction(s).

Note: The information in this schedule has been certified as complete and accurate by Bank of New York Mellon/BNY Mellon, N.A.

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 2019 This Form is Open to Public Inspection
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For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019

▶ **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 01 Day 01 Year 2019	
2 Assets:	
a Market value.....	2a 4,701,727,981
b Actuarial value	2b 4,830,563,331
3 Funding target/participant count breakdown	
a For retired participants and beneficiaries receiving payment	(1) Number of participants 15,206 (2) Vested Funding Target 2,329,294,717 (3) Total Funding Target 2,329,294,717
b For terminated vested participants	3,535 221,963,761 221,963,761
c For active participants	16,673 1,670,099,436 1,696,122,629
d Total	35,414 4,221,357,914 4,247,381,107
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 5.43%
6 Target normal cost	6 94,230,563

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	09/28/2020 Date
Joseph A. Perko	Type or print name of actuary	2006491 Most recent enrollment number
Willis Towers Watson US LLC	Firm name	216-937-4000 Telephone number (including area code)
1001 Lakeside Avenue Suite 1500 Cleveland OH 44114-1172	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 ☐

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

Schedule SB (Form 5500) 2019
v. 190130

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).....	171,963,260	736,782,750
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).....	171,963,260	736,782,750
10 Interest on line 9 using prior year's actual return of <u>-2.04%</u>	-3,508,051	-15,030,368
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year).....		0
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>5.59%</u>		0
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.....		0
d Portion of (c) to be added to prefunding balance.....		0
12 Other reductions in balances due to elections or deemed elections.....	0	0
13 Balance at beginning of current year (line 9 + line 10 + line 11d – line 12).....	168,455,209	721,752,382

Part III Funding Percentages

14 Funding target attainment percentage	14	92.77%
15 Adjusted funding target attainment percentage.....	15	113.73%
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	106.39%
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
09/24/2020	111,538,000	0			
Totals ▶			18(b)	111,538,000	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	101,788,935

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:
3.74 %2nd segment:
5.35 %3rd segment:
6.11 %☐ 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** 94,230,563**b** Excess assets, if applicable, but not greater than line 31a **31b** 0

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****34** Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)..... **34** 94,230,563

	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** 94,230,563**37** Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)..... **37** 101,788,935**38** Present value of excess contributions for current year (see instructions)**a** Total (excess, if any, of line 37 over line 36) **38a** 7,558,372**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

SCHEDULE SB ATTACHMENTS

Schedule SB – Statement by Enrolled Actuary

Plan Sponsor	American Electric Power Service Corporation
EIN/PN	13-4922641/001
Plan Name	American Electric Power System Retirement Plan
Valuation Date	January 1, 2019
Enrolled Actuary	Joseph A. Perko
Enrollment Number	20-06491

The actuarial assumptions that are not mandated by IRC § 430 and regulations, represent the enrolled actuary's best estimate of anticipated experience under the plan, subject to the following conditions:

The actuarial valuation, on which the information in this Schedule SB is based, has been prepared in reliance upon the employee and financial data furnished by the plan administrator and the trustee. The enrolled actuary has not made a rigorous check of the accuracy of this information but has accepted it after reviewing it and concluding it is reasonable in relation to similar information furnished in previous years. The amounts of contributions and dates paid shown in Item 18 of Schedule SB were listed in reliance on information provided by the plan administrator and/or trustee.

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 22 Description of Weighted Average Retirement Age as of January 1, 2019

See Schedule SB, Part V - Statement of Actuarial Assumptions/Methods 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	1.00	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 Service Corporation
 Valuation Date: January 1, 2019

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 Service Corporation
Valuation Date	January 1, 2019

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:

$$\begin{array}{r} \text{Cash Balance Account as of the} \\ \text{end of the prior plan year} \\ + \\ \text{Interest Credits} \\ + \\ \text{Company Credits} \end{array}$$

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.

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).

Plan Name:
EIN / PN:
Plan Sponsor:
Valuation Date

American Electric Power System Retirement Plan
13-4922641/001
American Electric Power Service Corporation
January 1, 2019

SCHEDULE SB ATTACHMENTS

<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.

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.

Plan Name:	American Electric Power System Retirement Plan
EIN / PN:	13-4922641/001
Plan Sponsor:	American Electric Power Service Corporation
Valuation Date	January 1, 2019

SCHEDULE SB ATTACHMENTS

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. 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.

Plan Name:	American Electric Power System Retirement Plan
EIN / PN:	13-4922641/001
Plan Sponsor:	American Electric Power Service Corporation
Valuation Date	January 1, 2019

SCHEDULE SB ATTACHMENTS

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.
- 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%.

Plan Name:	American Electric Power System Retirement Plan
EIN / PN:	13-4922641/001
Plan Sponsor:	American Electric Power Service Corporation
Valuation Date	January 1, 2019

SCHEDULE SB ATTACHMENTS

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.

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 Service Corporation
Valuation Date: January 1, 2019

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.

Plan Name:	American Electric Power System Retirement Plan
EIN / PN:	13-4922641/001
Plan Sponsor:	American Electric Power Service Corporation
Valuation Date	January 1, 2019

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:

$$\begin{aligned} &\text{Cash Balance Account as of the} \\ &\quad \text{end of the prior plan year} \\ &\quad + \\ &\quad \text{Interest Credits} \\ &\quad + \\ &\quad \text{Company Credits} \end{aligned}$$

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</i>	<i>Annual</i>
<i>Years of Service</i>	<i>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.

(2) Minimum benefit:

Plan Name:	American Electric Power System Retirement Plan
EIN / PN:	13-4922641/001
Plan Sponsor:	American Electric Power Service Corporation
Valuation Date	January 1, 2019

SCHEDULE SB ATTACHMENTS

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.

Surviving spouse

The surviving spouse of a participant who retired or is eligible to retire on normal or early retirement.

Plan Name:	American Electric Power System Retirement Plan
EIN / PN:	13-4922641/001
Plan Sponsor:	American Electric Power Service Corporation
Valuation Date	January 1, 2019

SCHEDULE SB ATTACHMENTS

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.

Plan Name: American Electric Power System Retirement Plan
EIN / PN: 13-4922641/001
Plan Sponsor: American Electric Power Service Corporation
Valuation Date: January 1, 2019

SCHEDULE SB ATTACHMENTS

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).

Plan Name:	American Electric Power System Retirement Plan
EIN / PN:	13-4922641/001
Plan Sponsor:	American Electric Power Service Corporation
Valuation Date	January 1, 2019

SCHEDULE SB ATTACHMENTS

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.

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.

Plan Name:	American Electric Power System Retirement Plan
EIN / PN:	13-4922641/001
Plan Sponsor:	American Electric Power Service Corporation
Valuation Date	January 1, 2019

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.

Plan status

Continuing accruals. All new entrants to plan are covered under former East plan provision.

Plan Name: American Electric Power System Retirement Plan
EIN / PN: 13-4922641/001
Plan Sponsor: American Electric Power Service Corporation
Valuation Date: January 1, 2019

SCHEDULE SB ATTACHMENTS

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 Service Corporation
Valuation Date	January 1, 2019

American Electric Power System Retirement Plan

Schedule 1

Schedule H, Part IV, Line 4i - Schedule of Assets (Held at End of Year)

December 31, 2019

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(d) Cost	(e) Current value
	Short-Term Investments			
		COCA COLA CO DISC 07/20/2020	1,811,451	1,811,451
		FEDERATION DES DISC 04/21/2020	1,486,507	1,486,507
		OVERSEA-CHINESE DISC 06/12/2020	1,485,819	1,485,819
		FAIRWAY FIN CORP DISC 05/27/2020	1,436,364	1,436,364
		DNB NOR BANK DISC 05/26/2020	1,387,261	1,387,261
		LMA SA & LMA AMER DISC 05/04/2020	1,288,268	1,288,268
		MUFG BANK LTD NY DISC 07/06/2020	1,286,965	1,286,965
		NATIONAL BK CANADA IB NT VAR RT 01/08/2020 DD 07/08/19	1,150,000	1,150,000
		MUFG BANK LTD NY DISC 04/13/2020	1,111,062	1,111,062
		NORDEA BANK ABP DISC 05/13/2020	1,089,907	1,089,907
		DBS BANK LTD DISC 05/11/2020	989,339	989,339
		SOCIETE GENERALE DISC 06/22/2020	987,326	987,326
		NATIONAL BK CANADA DISC 04/21/2020	941,019	941,019
		NATIXIS NY BRH DISC 05/15/2020	927,754	927,754
		SKANDINAVISKA ENS DISC 05/27/2020	889,774	889,774
		SKANDINAVISKA ENSKILDA BANKEN VAR RT 10/20/2020 DD 10/20/17	835,365	836,127
		SHEFFIELD REC CP DISC 06/10/2020	792,235	792,235
		STARBIRD FDG CORP IB NT VAR RT 04/17/2020 DD 10/17/19	785,000	785,000
		BANK OF NOVA SCOTIA IB NT VAR RT 05/19/2020 DD 05/21/19	700,005	700,005
		WESTPAC BANKING CORP/NY VAR RT 01/21/2020 DD 01/18/19	655,000	655,052
		WESTPAC BANKING CORP/NY VAR RT 02/11/2020 DD 02/11/19	600,052	600,052
		COMMONWEALTH BNK OF AUS IB NT VAR RT 04/06/2020 DD 04/12/19	580,000	580,000
		SOCIETE GENERALE IB NT VAR RT 08/03/2020 DD 08/05/19	580,000	580,000
		EUR (EURO)	482,381	488,363
		NORINCHUKIN BK C/D 2.010% 02/28/2020 DD 08/29/19	400,000	400,000
		SGD (SINGAPORE DOLLARS)	247,133	249,155
		EUR (EURO)	46,303	46,303
		CHF (SWISS FRANC)	45,186	45,753
		BRL (BRAZILIAN REAL)	22,144	22,450
		GBP (GREAT BRITISH POUNDS)	13,817	13,963
		GBP (GREAT BRITISH POUNDS)	10,095	10,216
		JPY (JAPANESE YEN)	9,989	10,061
		EUR (EURO)	8,822	8,931
		JPY (JAPANESE YEN)	7,758	7,771
		GBP (GREAT BRITISH POUNDS)	7,170	7,118
		EUR (EURO)	7,025	7,025
		ZAR (SOUTH AFRICAN RAND)	5,491	5,604
		TWD (TAIWAN DOLLAR)	5,454	5,586
		EUR (EURO)	4,373	4,448
		CAD (CANADIAN DOLLARS)	4,345	4,421
		CAD (CANADIAN DOLLARS)	4,353	4,419
		SEK (SWEDISH KRONA)	3,970	4,031
		HKD (HONG KONG DOLLARS)	3,830	3,828
		MXN (MEXICAN PESO)	1,582	1,640
		MYR (MALAYSIAN RINGGIT)	748	760
		CHF (SWISS FRANC)	433	437
		SGD (SINGAPORE DOLLARS)	354	358
		TRY (NEW TURKISH LIRA)	356	345
		DKK (DANISH KRONE)	327	327
		AUD (AUSTRALIAN DOLLARS)	289	298
		MXN (MEXICAN PESO)	296	298
		SEK (SWEDISH KRONA)	283	297
		PLN (POLISH ZLOTY)	280	280
		CAD (CANADIAN DOLLARS)	113	116
		CAD (CANADIAN DOLLARS)	60	60
		NOK (NORWEGIAN KRONE)	56	59
		KRW (SOUTH KOREAN WON)	5	5
		GBP (GREAT BRITISH POUNDS)	4	4
		EQUITABLE LIFE ASSURANCE CONTR	4	4
		ZAR (SOUTH AFRICAN RAND)	1	1
		JOHN HANCOCK MUT LIFE CONT #11 CAC	1	1
		METROPOLITAN GAC #294	1	1
		METROPOLITAN LIFE INS GAC #304	1	1
		CHF (SWISS FRANC)	(1)	(1)
		JPY (JAPANESE YEN)	(3)	(3)
		EUR (EURO)	(3)	(3)
		CASH HELD AT MORGAN STANLEY	(2,000)	(2,000)
		INTEREST AND DIVIDENDS	-	229,234
		Short-Term Investments Total	25,139,299	25,379,252

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	State and Local Government Obligations			
		CALIFORNIA ST 7.350% 11/01/2039 DD 11/10/09	4,844,274	5,261,211
		CALIFORNIA ST 7.600% 11/01/2040 DD 12/01/10	2,387,496	2,624,629
		UNIV OF CALIFORNIA CA RGTS MED 6.583% 05/15/2049 DD 12/17/09	2,328,215	2,483,672
		CALIFORNIA ST 4.600% 04/01/2038 DD 04/25/18	2,416,498	2,332,340
		PORT AUTH OF NEW YORK & NEW JE 3.287% 08/01/2069 DD 08/16/19	2,499,426	2,324,999
		CALIFORNIA ST 7.550% 04/01/2039 DD 04/28/09	2,167,567	2,109,286
		LOS ANGELES CA UNIF SCH DIST 5.750% 07/01/2034 DD 10/15/09	1,987,352	2,093,797
		CALIFORNIA ST 7.600% 11/01/2040 DD 12/01/10	2,095,772	2,005,613
		BAY AREA CA TOLL AUTH TOLL BRI 7.043% 04/01/2050 DD 07/01/10	1,672,284	1,866,864
		UNIV OF CALIFORNIA CA REVENUES 4.858% 05/15/2112 DD 03/01/12	1,978,424	1,769,097
		N TX TOLLWAY AUTH REVENUE 6.718% 01/01/2049 DD 08/12/09	1,515,759	1,647,377
		AMERICAN MUNI PWR-OHIO INC OH 5.939% 02/15/2047 DD 09/29/10	1,474,660	1,566,005
		CHICAGO IL TRANSIT AUTH SALES 6.899% 12/01/2040 DD 08/06/08	1,582,212	1,533,294
		ALAMEDA CNTY CA JT PWRS AUTH L 7.046% 12/01/2044 DD 11/04/10	1,310,327	1,454,618
		ILLINOIS ST 5.100% 06/01/2033 DD 06/12/03	1,195,258	1,433,780
		NEW YORK CITY NY MUNI WTR FIN 5.440% 06/15/2043 DD 09/23/10	1,463,925	1,422,711
		NEW YORK CITY NY MUNI WTR FIN 5.440% 06/15/2043 DD 09/23/10	1,406,360	1,374,600
		CALIFORNIA ST 7.500% 04/01/2034 DD 04/28/09	1,297,032	1,370,314
		PORT AUTH OF NEW YORK & NEW JE 4.458% 10/01/2062 DD 10/10/12	1,358,334	1,274,624
		UNIV OF CALIFORNIA CA RGTS MED 6.548% 05/15/2048 DD 11/18/10	1,278,386	1,256,254
		MUNI ELEC AUTH OF GEORGIA 6.637% 04/01/2057 DD 03/11/10	1,249,666	1,238,762
		CALIFORNIA ST 7.300% 10/01/2039 DD 10/15/09	875,052	1,175,805
		CALIFORNIA ST 7.550% 04/01/2039 DD 04/28/09	1,092,510	1,162,915
		PORT AUTH OF NEW YORK & NEW JE 4.926% 10/01/2051 DD 10/06/11	866,770	1,062,269
		PORT OF PORTLAND OR ARPT REVEN 4.237% 07/01/2049 DD 04/24/19	990,000	1,029,343
		PORT AUTH OF NEW YORK & NEW JE 4.229% 10/15/2057 DD 05/09/17	795,000	931,867
		NEW YORK ST URBAN DEV CORP REV 5.770% 03/15/2039 DD 12/01/09	845,398	842,861
		SALES TAX SECURITIZATION CORP 3.587% 01/01/2043 DD 12/14/17	751,666	719,714
		PORT AUTH OF NEW YORK & NEW JE 4.458% 10/01/2062 DD 10/10/12	580,000	710,848
		CALIFORNIA ST 7.300% 10/01/2039 DD 10/15/09	711,615	702,429
		UNIV OF CALIFORNIA CA REVENUES 5.946% 05/15/2045 DD 09/30/10	503,126	676,937
		MET TRANSPRTN AUTH NY DEDICATE 6.089% 11/15/2040 DD 03/25/10	586,791	637,887
		NEW YORK ST THRUWAY AUTH 3.500% 01/01/2042 DD 10/30/19	615,411	612,645
		N TX TOLLWAY AUTH REVENUE 6.718% 01/01/2049 DD 08/12/09	655,422	611,883
		CHICAGO IL 4.864% 12/01/2022 DD 08/26/10	591,640	596,730
		MASSACHUSETTS ST 2.900% 09/01/2049 DD 09/12/19	547,155	519,129
		TEXAS ST TRANSPRTN COMMISSIONS 5.178% 04/01/2030 DD 08/05/10	509,701	517,647
		NEW YORK ST DORM AUTH ST PERSO 3.110% 02/15/2039 DD 01/03/20	400,000	400,216
		CHICAGO IL TRANSIT AUTH SALES 6.899% 12/01/2040 DD 08/06/08	331,472	317,466
		MET TRANSPRTN AUTH NY DEDICATE 7.336% 11/15/2039 DD 04/30/09	327,032	312,910
		KANSAS ST DEV FIN AUTH REVENUE 4.927% 04/15/2045 DD 08/20/15	257,835	243,937
		RUTGERS NJ ST UNIV 3.270% 05/01/2043 DD 10/24/19	210,000	207,818
		RUTGERS NJ ST UNIV 3.270% 05/01/2043 DD 10/24/19	200,000	197,922
		BAY AREA CA TOLL AUTH TOLL BRI 3.552% 04/01/2054 DD 09/26/19	180,000	182,444
		CALIFORNIA ST 7.625% 03/01/2040 DD 04/01/10	169,206	168,129
		CALIFORNIA ST 7.350% 11/01/2039 DD 11/10/09	108,021	107,528
		UNIV OF CALIFORNIA CA RGTS MED 6.583% 05/15/2049 DD 12/17/09	7,332	7,200
		State and Local Government Obligations Total	53,217,382	55,100,326
	Common/Collective Trusts			
*		BNYM-M DB SL ACWI FUND	361,382,259	528,041,587
*		EB TEMP INV FD VAR RT 12/31/49 FEE CL 00	36,248,637	36,248,637
		Common/Collective Trusts Total	397,630,896	564,290,224
	Commingled Fund - Vontobel India - CL 1 SC A RED (103-12 Investment Entity)			
		HDFC BANK LIMITED	3,475,115	4,480,797
		TATA CONSULTANCY SERVICES LIMITED	2,825,841	3,643,627
		HCL TECHNOLOGIES	2,457,375	3,168,527
		HOUSING DEVELOPMENT FINANCE CORPORATION LIMITED	2,383,956	3,073,861
		ZEE ENTERTAINMENT ENTERPRISES LIMITED	1,031,052	1,329,434
		ITC LIMITED	920,093	1,186,363
		EICHER MOTORS LTD	893,222	1,151,716
		POWER GRID CORPORATION OF INDIA LIMITED	824,460	1,063,055
		BHARTI INFRATEL LIMITED	428,645	552,695
		Commingled Fund - Vontobel India - CL 1 SC A RED (103-12 Investment Entity) Total	15,239,759	19,650,075

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	Partnership/Joint Venture Interests			
		LAZARD EMERGING MKTS	53,269,358	53,269,358
		BRIGADE CREDIT OFFSHORE FUND II LTD A1 RU17	45,618,012	53,151,400
		PRISA	20,221,680	41,002,234
		IFM GLOBAL INFRA OFFSHORE LP	20,000,000	35,289,683
		JPMCB STRATEGIC PROPERTY FUND	22,500,000	34,678,041
		JAMESTOWN PREMIER PROPERTY FUND LP	3,497,639	29,466,596
		LION INDUSTRIAL TRUST PROPERTIES	10,000,000	27,635,958
		USAA EAGLE REAL ESTATE FEEDER I LP	15,000,000	26,465,244
		JPMCB SPECIAL SITUATION PROPERTY FUND	20,000,000	19,357,433
		STONE HARBOR LEVERAGED LOAN FUND B	15,034,802	19,182,843
		STONE HARBOR-EM MK DBT-MUSDA	14,285,803	18,924,613
		PEG POOLED VENT CAP INST INVEST III LLC	19,004,737	18,203,195
		CVC CAPITAL PRTRNS VI (C) LP	12,775,209	18,179,794
		STONE HARBOR-HI YLD BD-MUSDA	13,092,359	16,406,895
		APOLLO INVESTMENT FUND VIII LP	12,302,809	16,396,532
		WARBURG PINCUS PRIVATE EQUITY X LP	1,962,635	14,625,853
		GRIDIRON CAPITAL FUND III LP	6,926,181	14,164,169
		BROOKFIELD PREMIER RE PRTRNS	10,000,000	13,206,903
		BASALT INFRA PARTNERS LP	9,914,945	12,553,923
		PATRIA - BRAZILIAN PRIVATE EQUITY FUND IV LP	8,459,689	11,946,992
		H.I.G. CAPITAL PARTNERS V LP	7,585,142	11,672,841
		HIGH ROAD CAPITAL PARTNERS FD II - WFC	10,246,142	11,583,125
		BROOKFIELD INFRA FUND III LP	9,461,243	11,402,642
		KPS SPECIAL SITUATIONS FUND IV LP	10,210,329	10,609,023
		TZP CAPITAL PARTNERS II LP	9,089,774	10,344,056
		BLACKSTONE ENERGY PARTNERS L.P.	8,932,604	10,127,757
		AMERICAN SECURITIES PARTNERS VI	3,843,684	9,942,802
		GLOBAL ENERGY & POWER INFRA II	10,488,738	9,934,158
		AXIUM INFRA NA IV LP	11,793,398	9,529,237
		PROVIDENCE DEBT FUND III LP	8,478,612	8,874,487
		BLACKSTONE ENERGY PARTNERS II LP	7,730,273	8,777,264
		TPG GROWTH II LP	2,603,089	8,295,087
		WATERLAND PRIVATE EQUITY FUND V	674,812	7,665,340
		CA STUDENT LIVING INC GRWTH	7,500,000	7,473,439
		RIDGEMONT EQUITY PARTNERS FUND I LP	6,921,125	6,978,280
		ALTERNA CORE CAPITAL ASSETS II LP	8,198,526	6,961,736
		PLATINUM EQUITY CAP PTNRS IV L PV LP	5,593,745	6,692,062
		GS PEP 2005-MANAGERS FUND	17,203,472	6,667,585
		PLATINUM EQ CAP PARTNERS III III	5,706,442	6,579,754
		GRIDIRON CAPITAL FUND II LP	9,747,740	6,483,379
		BLACKSTONE CAPITAL PARTNERS VII LP	5,318,436	6,386,400
		ASCRIBE OPP FUND III LP	10,235,528	6,376,427
		ASANA PARTNERS FUND I LP	3,899,807	5,879,433
		HIG EUROPE CAPITAL PARTNERS II LP	5,415,904	5,183,698
		PEG US POOLED CORP FIN INST INVEST III LLC	11,209,766	5,096,228
		TPG OPPORTUNITIES PARTNERS III	4,049,441	5,076,749
		AMERICAN SECURITIES PTNRS VII	5,781,128	5,044,382
		PATRIA-BRAZILIAN PE FUND V LP	4,172,374	4,814,754
		TPG GROWTH III LP	3,621,042	4,596,600
		BROOKFIELD STRATEGIC RE ESTATE PARTNERS B LP	-	3,820,551
		IRON POINT REAL ESTATE II-TE	3,073,847	3,769,804
		EXETER EUR VAL VENT III FED SCSP	3,670,404	3,686,290
		UNICO CORE PLUS PARTNERS LP	3,743,063	3,497,163
		GREENFIELD ACQUI RTNRS VII LP	2,065,014	3,394,323
		OHA STRATEGIC CREDIT FUND II	3,000,000	3,160,207
		CVC CAPITAL PARTNERS VII LP	2,756,185	3,033,496
		BRAZIL REAL ESTATE OPPORTUNITIES FUND II - BAHIA	5,406,728	2,975,243
		ALMANAC REALTY SECURITIES VII	3,081,399	2,805,736
		BOWMARK CAPITAL PARTNERS V	3,282,762	2,662,125
		WOLFF CREDIT PARTNERS II LP	2,474,825	2,627,105
		HEITMAN ASIA-PACIFIC PRO INVST FEED	2,620,246	2,339,730
		UNICO PARTNERS I LP	321,294	2,181,000
		SECONDARY INVESTMENT SPV-3 LP	-	2,180,416
		SECONDARY INVESTMENTS SPV-4 LP	294,256	2,029,513
		GS PEP 2005 - DIRECT FUND	2,270,444	1,689,639
		APOLLO EUROPEAN PRINCIPAL FUND II	1,679,251	1,512,994
		OHA EUROPEAN STRATEGIC CREDIT FUND (OFFSHORE) LP	2,452,479	1,211,920
		STANDARD LIFE INVEST EURO RE CLUB II OFFSHORE FEEDER LTD	5,061,019	1,097,161
		TPG OPPORTUNITIES FUND II	4,047,441	1,011,177
		GREENFIELD MULTI-STATE PARTNERS LP	1,071,145	905,517
		ALMANAC REALTY SEC VIII LP	965,271	837,666
		APOLLO INVESTMENT FUND IX LP	911,477	818,229
		HVEST PART VI DIRECT FUND	5,557,305	441,454

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		WATERLAND PE FUND VI C.V.	3,204,374	313,308
		MERIDIAN INFRA NORTH AMERICA FD III (DOMESTIC)	675,447	214,162
		EXETER INDUSTRIAL VALUE FUND II LP	559,340	209,867
		FORTRESS JPN OPP FD IV DOL B LP	186,807	186,807
		HVEST PART V PARTNERS FUND	12,502,714	80,738
		SAROFIM REALTY FUND III LP	-	64,951
		AMERICAN SECURITIES PTNR VIII	56,855	56,855
		HVEST PART VI PARTNERSHIP FD	4,586,382	56,302
		HARBOURVEST INTL PVT EQ PARTNERS III PARTNERSHIP	9,723,619	39,663
		SAROFIM REALTY FD III LP NEW UNITS	5,932,710	32,473
		PLATINUM CAP EQ PTNRS V LP	17,048	17,048
		FIR TREE OPP FD VI CAYMAN LP	-	13,717
		SAROFIM REALTY FUND II LP	1,966,219	5,062
		SAROFIM REALTY FUND I LP	5,261,478	4,018
		SAROFIM REALTY FD I LP NEW UNITS	1,202,779	3,439
		FREIF II WAREHOUSE CO-INVEST ALTERNATIVE B LP	224,745	987
		SAROFIM REALTY FD II LP NEW UNITS	153,355	193
		PEG US DIR CORP FIN INST INVEST III LLC	1,093,956	1
		RREEF AMERICA REIT III	18,713,895	-
		Partnerships/Joint Ventures Total	675,445,752	774,144,434
	Corporate Stock			
		ISHARES MSCI INDIA ETF	13,258,940	14,362,290
		MICROSOFT CORP	9,466,795	12,473,282
		VISA INC	3,353,108	11,938,602
		ALIBABA GROUP HOLDING LTD ADR	5,166,122	10,784,437
		FORTRESS TRANSPORTATION & INFR	7,000,670	10,437,428
		MASTERCARD INC	3,491,351	10,269,406
		SAFRAN SA	8,413,362	10,249,716
		UNILEVER NV	8,629,377	10,231,697
		ASML HOLDING NV	3,069,060	10,034,734
		VISA INC	3,870,282	9,945,735
		AMAZON.COM INC	5,527,608	9,237,352
		ALIMENTATION COUCHE-TARD INC	6,350,123	8,885,883
		AMAZON.COM INC	3,981,262	8,795,718
		EDWARDS LIFESCIENCES CORP	4,322,364	8,646,661
		MEDTRONIC PLC	6,406,138	8,633,091
		NIKE INC	3,953,911	8,517,537
		SAP SE	5,832,988	8,318,971
		NESTLE SA	6,195,311	8,002,061
		UNITEDHEALTH GROUP INC	4,512,700	7,628,487
		ALIBABA GROUP HOLDING LTD	5,290,688	7,526,793
		ALPHABET INC-CL C	4,677,488	7,423,135
		SHOPIFY INC	1,964,172	7,409,698
		WORKDAY INC	4,308,187	7,333,319
		JOHNSON & JOHNSON	6,255,373	7,162,071
		BECTON DICKINSON AND CO	5,862,904	6,803,330
		GALAPAGOS NV	3,730,792	6,719,907
		COCA-COLA CO/THE	5,845,781	6,680,081
		TENCENT HOLDINGS LTD	5,980,598	6,464,227
		WALT DISNEY CO/THE	4,951,233	6,463,804
		HDFC BANK LTD	5,454,757	6,406,707
		ZALANDO SE	5,465,413	6,360,619
		KEYENCE CORP	5,350,539	6,339,738
		ILLUMINA INC	3,478,529	6,023,735
		TENCENT HOLDINGS LTD	4,821,885	5,920,335
		TJX COS INC/THE	4,232,622	5,911,280
		MICROSOFT CORP	4,187,705	5,853,509
		NETFLIX INC	2,944,445	5,609,733
		PEPSICO INC	4,231,440	5,443,429
		MICROSOFT CORP	3,978,239	5,300,297
		BABCOCK INTERNATIONAL GROUP PL	4,929,068	5,260,646
		APTIV PLC	4,639,183	5,242,344
		NEXTERA ENERGY INC	3,901,777	5,173,991
		CP ALL PCL	2,896,645	5,061,209
		NEXT PLC	4,206,373	5,007,695
		ALIGN TECHNOLOGY INC	4,268,306	4,872,317
		HANNOVER RUECK SE	3,534,164	4,829,367
		ATLASSIAN CORP PLC	2,688,894	4,788,690
		ANHEUSER-BUSCH INBEV SA/NV	5,618,888	4,773,532
		BELLWAY PLC	3,663,612	4,736,841
		JPMORGAN CHASE & CO	3,727,597	4,575,944

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	ADYEN NV		2,841,239	4,515,473
	POPULAR INC		3,744,819	4,488,794
	GVC HOLDINGS PLC		3,791,724	4,437,812
	WESTERN UNION CO/THE		3,466,968	4,433,616
	TAYLOR WIMPEY PLC		3,931,981	4,426,600
	ANTHEM INC		3,677,541	4,397,557
	NIKE INC		2,893,871	4,377,909
	FACEBOOK INC		1,485,667	4,307,171
	UNITEDHEALTH GROUP INC		3,700,539	4,305,043
	FLUTTER ENTERTAINMENT PLC		3,566,816	4,262,274
	ALPHABET INC-CL A		1,537,071	4,204,345
	ROCHE HOLDING AG		3,198,792	4,198,556
	KONE OYJ		3,625,907	4,194,358
	HEINEKEN NV		3,964,600	4,171,982
	CME GROUP INC		3,420,901	4,165,542
	BOOKING HOLDINGS INC		3,251,985	4,152,642
	ALLERGAN PLC		3,641,069	4,088,170
	SKF AB		3,053,932	4,086,980
	MUENCHENER RUECKVERSICHERUNGS-		3,100,403	4,030,014
	BERKSHIRE HATHAWAY INC		2,817,114	4,028,303
	BANCOLOMBIA SA		3,495,258	3,997,602
	WAL-MART DE MEXICO SAB DE CV		3,976,338	3,977,536
	VERIZON COMMUNICATIONS INC		3,320,264	3,939,363
	SAMSUNG ELECTRONICS CO LTD		3,434,175	3,935,938
	REGENERON PHARMACEUTICALS INC		3,330,022	3,935,781
	LANXESS AG		4,200,370	3,899,819
	MARATHON PETROLEUM CORP		4,293,495	3,880,642
	BHP GROUP PLC		3,507,839	3,865,538
	MAGNA INTL INC		4,026,062	3,856,962
	CHARLES SCHWAB CORP/THE		2,068,383	3,807,463
	ALLETE INC		3,695,267	3,790,558
	ROYAL CARIBBEAN CRUISES LTD		3,085,717	3,783,940
	UNITED OVERSEAS BANK LTD		3,747,529	3,782,818
	KDDI CORP		3,524,161	3,750,641
	BOSTON SCIENTIFIC CORP		3,081,471	3,749,733
	CHUBB LTD		3,251,926	3,749,071
	NOVARTIS AG		2,986,951	3,744,995
	INTERNATIONAL BANCSHARES CORP		3,791,762	3,742,869
	SAREPTA THERAPEUTICS INC		3,487,319	3,725,127
	VINCI SA		3,391,951	3,722,882
	QUEST DIAGNOSTICS INC		3,826,952	3,714,477
	GLAXOSMITHKLINE PLC		3,258,101	3,696,602
	CAPITAL ONE FINANCIAL CORP		3,447,007	3,670,697
	INFOSYS LTD ADR		3,456,381	3,607,377
	TYSON FOODS INC		2,647,955	3,571,590
	BASF SE		4,150,413	3,553,974
	SUMITOMO MITSUI TRUST HOLDINGS		3,288,027	3,531,856
	MONDI PLC		2,876,176	3,522,179
	AIR LIQUIDE SA		3,347,570	3,508,906
	ASAHI GROUP HOLDINGS LTD		3,448,607	3,498,531
	WESCO INTERNATIONAL INC		3,405,297	3,487,797
	DNB ASA		3,550,507	3,467,678
	SIAM COMMERCIAL BANK PCL/THE		3,165,558	3,459,967
	YARA INTERNATIONAL ASA		3,446,816	3,456,086
	AIRPORTS OF THAILAND PCL		1,304,040	3,442,835
	BLUEBIRD BIO INC		4,096,158	3,433,043
	CARTER'S INC		3,583,317	3,428,028
	FAST RETAILING CO LTD		2,345,559	3,409,248
	AVNET INC		3,431,007	3,397,364
	CINEWORLD GROUP PLC		3,903,801	3,391,737
	WOLTERS KLUWER NV		3,288,118	3,385,699
	PAYPAL HOLDINGS INC		3,320,767	3,373,822
	TORONTO DOMINION BANK NEW		3,477,186	3,359,250
	CIE GENERALE DES ETABLISSEMENT		3,434,286	3,336,552
	SVENSKA HANDELSBANKEN AB		3,486,695	3,329,316
	RELX PLC		2,539,673	3,319,276
	JM SMUCKER CO/THE		3,465,686	3,315,083
	WEBSTER FINANCIAL CORP		3,818,843	3,302,237
	DEUTSCHE TELEKOM AG		3,270,992	3,270,900

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		KIA MOTORS CORP	2,461,236	3,250,377
		CHINA MOBILE LTD HK/00941	3,233,357	3,190,181
		COMCAST CORP	3,226,577	3,183,022
		ABIOMED INC	5,095,930	3,121,456
		GENERAL DYNAMICS CORP	3,398,067	3,110,638
		PHILIP MORRIS INTERNATIONAL IN	2,953,522	3,106,296
		SOLVAY SA	3,358,401	3,103,863
		AMERIS BANCORP	3,547,280	3,053,053
		ADOBE INC	2,615,305	3,038,869
		METHANEX CORP	4,526,652	2,990,978
		KANSAI ELECTRIC POWER CO INC/T	3,525,373	2,918,211
		ALPHABET INC-CL C	1,087,359	2,916,041
		STANDARD CHARTERED PLC	2,744,602	2,914,372
		GILEAD SCIENCES INC	3,305,427	2,893,429
		SPAREBANK 1 SR-BANK ASA	2,761,079	2,882,990
		AMERICAN TOWER CORP	1,524,185	2,840,116
		LINDE PLC	2,091,385	2,805,666
		RECKITT BENCKISER GROUP PLC	2,847,604	2,782,110
		LOOMIS AB	2,402,432	2,773,288
		TAIWAN SEMICONDUCTOR MANUFACTU ADR	1,870,326	2,759,053
		AMBEV SA ADR	2,916,455	2,746,669
		KEYENCE CORP	2,079,950	2,710,149
		FRANKLIN RESOURCES INC	3,228,893	2,669,965
		ANDRITZ AG	3,395,575	2,663,138
		HYUNDAI MOBIS CO LTD	2,386,429	2,638,474
		PUBLICIS GROUPE SA	3,425,041	2,612,098
		OKTA INC	2,082,764	2,587,634
		GREENCORE GROUP PLC	1,667,271	2,533,127
		CANADIAN NATIONAL RAILWAY CO	2,206,224	2,511,915
		SHINHAN FINANCIAL GROUP CO LTD	2,451,714	2,362,742
		PEPTIDREAM INC	1,803,997	2,349,758
		LG UPLUS CORP	2,431,584	2,322,380
		JOHNSON & JOHNSON	1,997,603	2,291,764
		SEA LTD ADR	2,145,900	2,280,434
		IMERYS SA	3,720,149	2,272,342
		KT&G CORP	2,586,117	2,222,908
		BERKSHIRE HATHAWAY INC	1,952,358	2,214,038
		MARTIN MARIETTA MATERIALS INC	1,436,698	2,128,340
		INCHCAPE PLC	2,097,712	2,041,487
		NINTENDO CO LTD	1,550,905	2,023,004
		DEUTSCHE BOERSE AG	1,783,547	1,995,898
		BAIDU INC ADR	3,219,683	1,988,398
		O'REILLY AUTOMOTIVE INC	1,202,169	1,976,114
		CIE GENERALE DES ETABLISSEMENT	1,902,008	1,919,145
		SK HYNIX INC	1,783,273	1,906,166
		ESSILORLUXOTTICA SA	1,540,127	1,887,151
		SIGNATURE AVIATION PLC	2,401,122	1,877,363
		BANK OF AMERICA CORP	1,593,130	1,815,133
		FACEBOOK INC	1,474,682	1,811,742
		BAIDU INC ADR	2,507,967	1,781,987
		HEWLETT PACKARD ENTERPRISE CO	1,709,455	1,736,971
		LINDE PLC	1,553,989	1,714,271
		NTT DOCOMO INC	1,513,810	1,632,567
		VERIZON COMMUNICATIONS INC	1,330,618	1,548,324
		CITIGROUP INC	1,304,722	1,463,585
		PRADA SPA HK/01913	1,235,479	1,398,703
		L BRANDS INC	2,444,672	1,397,396
		CEGEDIM SA	1,470,943	1,319,288
		STARBUCKS CORP	878,264	1,303,854
		ANIMA HOLDING SPA	1,179,524	1,255,550
		DIME COMMUNITY BANCSHARES INC	1,189,643	1,249,013
		SCHLUMBERGER LTD	1,731,080	1,245,396
		BNP PARIBAS SA	1,241,218	1,218,056
		ALIBABA GROUP HOLDING LTD ADR	1,037,050	1,217,454
		NIPPON TELEGRAPH & TELEPHONE C	1,100,472	1,212,649
		AMDOCS LTD	1,020,592	1,185,576
		FREEPORT-MCMORAN INC	1,074,993	1,170,737
		DUNI AB	1,094,114	1,161,303
		ZOOM VIDEO COMMUNICATIONS INC	793,894	1,114,835

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		JPMORGAN CHASE & CO	917,882	1,101,399
		SUMITOMO MITSUI FINANCIAL GROU	1,161,919	1,093,149
		MCKESSON CORP	1,035,447	1,078,343
		APPLE INC	638,290	1,076,227
		WELLS FARGO & CO	1,124,488	1,069,867
		BROOKLINE BANCORP INC	1,137,151	1,068,484
		NOKIA OYJ	1,543,964	1,050,214
		CGG SA	776,196	1,025,790
		LLOYDS BANKING GROUP PLC	1,000,765	1,020,703
		CHEMRING GROUP PLC	911,001	1,020,483
		EOG RESOURCES INC	1,087,989	1,011,988
		MEDIATEK INC	645,482	1,004,115
		STATE STREET CORP	769,125	1,000,852
		ALPHABET INC-CL A	882,341	1,000,524
		CITIZENS FINANCIAL GROUP INC	955,038	990,965
		SAMSUNG ELECTRONICS CO LTD	832,351	978,243
		CREDIT SUISSE GROUP AG	1,095,800	978,000
		CHINA LESSO GROUP HOLDINGS LTD HK/02128	528,030	976,845
		MYLAN NV	1,242,321	959,916
		UNICREDIT SPA	956,340	953,991
		ENI SPA	1,099,021	942,941
		JD.COM INC ADR	849,301	938,034
		INTESA SANPAOLO SPA	930,520	931,896
		NOMURA HOLDINGS INC	822,528	930,627
		CARNIVAL PLC	877,609	929,224
		WIIT SPA	477,552	914,426
		IPSOS	965,176	908,761
		DAI-ICHI LIFE HOLDINGS INC	1,006,066	892,580
		SUBARU CORP	944,473	886,397
		NATIONAL OILWELL VARCO INC	1,099,029	884,290
		YANDEX NV	730,607	880,629
		ECORODOVIAS INFRAESTRUTURA E L	518,967	865,913
		PAYPAL HOLDINGS INC	749,239	864,927
		NINTENDO CO LTD	719,487	861,800
		QUALICORP CONSULTORIA E CORRET	507,913	859,552
		ING GROEP NV	977,874	859,257
		DIRECIONAL ENGENHARIA SA	482,204	857,074
		CHINA YONGDA AUTOMOBILES SERVI HK/03669	806,758	852,824
		TRANSOCEAN LTD	1,180,204	851,276
		SOMERO ENTERPRISES INC	1,099,233	846,422
		HDFC BANK LTD ADR	698,141	838,322
		BAKER HUGHES CO	924,780	836,051
		MARISA LOJAS SA	373,839	832,909
		GENERAL ELECTRIC CO	862,984	828,641
		JAPAN TOBACCO INC	950,525	825,942
		APPLUS SERVICES SA	920,133	820,409
		GAFISA SA	680,881	812,625
		BAYER AG	810,242	812,389
		LAS VEGAS SANDS CORP	669,443	806,870
		ROYAL BANK OF SCOTLAND GROUP P	786,635	801,297
		INDRA SISTEMAS SA	710,618	797,334
		BANK OF KYOTO LTD/THE	843,936	795,767
		YAGEO CORP	628,809	794,492
		HAITONG SECURITIES CO LTD HK/06837	682,728	787,019
		COATS GROUP PLC	809,439	786,137
		VALUE PARTNERS GROUP LTD HK/00806	927,427	785,441
		ANGLO AMERICAN PLC	622,647	785,276
		SAIPEM SPA	762,803	783,584
		SOCIETE GENERALE SA	810,201	778,901
		SPOTIFY TECHNOLOGY SA	867,777	778,408
		DENA CO LTD	892,519	775,317
		MEDIOBANCA BANCA DI CREDITO FI	719,850	775,079
		CAPITA PLC	540,120	774,925
		CHINA OILFIELD SERVICES LTD HK/02883	509,867	772,712
		VEECO INSTRUMENTS INC	726,000	770,287
		ROHM CO LTD	781,354	766,710
		TENCENT HOLDINGS LTD HK/00700	670,886	765,488
		Z HOLDINGS CORP	563,901	765,258
		VAN LANSCHOT KEMPEN NV	906,943	762,215

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		ROCHE HOLDING AG	601,577	761,694
		CEMEX SAB DE CV ADR	1,096,952	758,517
		BANCA FARMAFACTORING SPA	770,396	755,814
		SEMEN INDONESIA PERSERO TBK PT	515,147	750,140
		STMICROELECTRONICS NV	484,970	748,642
		SIME DARBY PROPERTY BHD	928,498	744,779
		KOC HOLDING AS	591,807	735,604
		SIEMENS AG	635,301	729,431
		INTERNATIONAL BUSINESS MACHINE	754,321	727,167
		LANDIS+GYR GROUP AG	477,358	725,339
		EBAY INC	662,902	722,019
		BRIDGESTONE CORP	756,480	719,061
		LVMH MOET HENNESSY LOUIS VUITT	562,946	715,077
		RIO TINTO LTD	610,149	711,478
		DEUTSCHE LUFTHANSA AG	833,260	706,176
		PIONEER NATURAL RESOURCES CO	762,249	705,233
		INDUSTRIAS ROMI SA	346,587	704,338
		BANCO SANTANDER SA	761,828	704,124
		MODERN TIMES GROUP MTG AB	680,521	700,871
		AP MOLLER - MAERSK A/S	616,626	691,798
		QIWI PLC ADR	598,571	690,939
		JAPAN PETROLEUM EXPLORATION CO	561,422	690,656
		AFFILIATED MANAGERS GROUP INC	753,050	690,546
		CIMB GROUP HOLDINGS BHD	726,430	690,154
		CHINASOFT INTERNATIONAL LTD HK/00354	672,267	689,465
		CAMBRIDGE BANCORP	652,497	689,290
		GENEREA SAB DE CV	642,919	689,214
		MANCHESTER UNITED PLC	646,393	688,621
		HOLLYSYS AUTOMATION TECHNOLOGI	853,739	687,677
		PLAYTECH PLC	658,337	686,423
		QUE LTD	729,908	679,927
		MAIL.RU GROUP LTD GDR	783,953	679,280
		CHINA LIFE INSURANCE CO LTD HK/02628	619,115	677,136
		HEIDELBERGCEMENT AG	722,381	676,821
		UBS GROUP AG	770,910	667,524
		FRESENIUS SE & CO KGAA	632,580	666,800
		SNAP INC	492,233	660,238
		BANK OF IRELAND GROUP PLC	753,056	658,970
		MGM CHINA HOLDINGS LTD HK/02282	750,738	654,194
		D'IETTEREN SA/NV	439,729	650,967
		INTEL CORP	544,922	649,073
		DROPBOX INC	990,318	648,360
		EXOR NV	558,126	647,711
		CERVED GROUP SPA	649,961	647,331
		DUFREY AG	623,357	644,331
		VALID SOLUCOES E SERVICOS DE S	653,027	637,462
		MICRON TECHNOLOGY INC	434,334	636,056
		CORP INMOBILIARIA VESTA SAB DE	550,299	632,864
		UBER TECHNOLOGIES INC	652,586	632,719
		GENTING SINGAPORE LTD	814,060	631,578
		CVS HEALTH CORP	553,205	630,871
		ZIONS BANCORP NA	623,906	628,440
		REPSOL SA	744,194	628,193
		SOPRA STERIA GROUP	434,346	627,080
		KGINICIS CO LTD	668,608	625,609
		SOLOCAL GROUP	1,207,668	624,138
		CORP FINANCIERA ALBA SA	630,906	619,472
		WING TAI HOLDINGS LTD	638,675	616,824
		NS SOLUTIONS CORP	523,077	612,836
		ENERPLUS CORP	810,115	612,701
		QUEST DIAGNOSTICS INC	608,151	611,800
		ENAUTA PARTICIPACOES SA	630,267	610,535
		WYNN MACAU LTD HK/01128	524,534	607,975
		BORR DRILLING LTD	898,253	606,715
		DAIBIRU CORP	509,720	605,545
		PING AN HEALTHCARE AND TECHNOL HK/01833	508,583	604,849
		MS&AD INSURANCE GROUP HOLDINGS	566,015	601,418
		SINA CORP/CHINA	959,012	599,828
		SALVATORE FERRAGAMO SPA	633,789	596,995

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	JUMBO SA		468,864	595,687
	TAIHEIYO CEMENT CORP		609,283	594,631
	GENOMMA LAB INTERNACIONAL SAB		518,364	594,273
	STANDARD CHARTERED PLC		565,936	593,412
	SPAREBANKEN VEST		504,646	590,306
	RAKUTEN INC		511,919	589,779
	VIENNA INSURANCE GROUP AG WIEN		577,036	589,447
	CAPRI HOLDINGS LTD		577,082	587,548
	SHANGRI-LA ASIA LTD HK/00069		811,167	587,219
	VOYA FINANCIAL INC		487,197	585,469
	IMMOBILIARE GRANDE DISTRIBUZIONE		681,393	584,104
	BANGKOK BANK PCL		685,249	583,606
	JOHNSON CONTROLS INTERNATIONAL		526,273	583,293
	MAKEMYTRIP LTD		798,765	576,874
	TENARIS SA		735,025	575,236
	B2W CIA DIGITAL		375,807	575,174
	CONTINENTAL AG		708,242	574,444
	NASPERS LTD		789,595	572,390
	INMOBILIARIA COLONIAL SOCIMI S		518,324	569,997
	IQIYI INC ADR		544,308	569,527
	PING AN INSURANCE GROUP CO OF HK/02318		465,594	567,366
	VIACOMCBS INC		577,911	566,049
	STERICYCLE INC		507,009	564,782
	PROSIEBENSAT.1 MEDIA SE		497,277	564,227
	CNOOC LTD HK/00883		531,515	563,189
	SDL PLC		483,424	563,029
	TRIP.COM GROUP LTD ADR		597,501	562,566
	ALPHA BANK AE		552,410	562,242
	ARTISAN PARTNERS ASSET MANAGEM		421,677	561,592
	SUMITOMO MITSUI TRUST HOLDINGS		546,838	561,106
	ALACER GOLD CORP		249,376	560,492
	TOSEI CORP		400,008	560,253
	KION GROUP AG		483,582	558,959
	KANGWON LAND INC		522,175	558,060
	CORP AMERICA AIRPORTS SA		815,308	552,120
	KEPPEL CORP LTD		552,554	548,286
	GEELY AUTOMOBILE HOLDINGS LTD HK/00175		460,004	548,103
	KONINKLIJKE AHOLD DELHAIZE NV		539,578	546,621
	BASF SE		521,249	546,288
	CRITEO SA ADR		760,473	545,860
	BOOKING HOLDINGS INC		492,311	544,238
	PGS ASA		807,722	543,589
	SBI HOLDINGS INC/JAPAN		650,002	543,202
	TOYOTA INDUSTRIES CORP		513,710	542,280
	HEIJMANS NV		775,095	542,243
	BANK OF CHINA LTD HK/03988		580,745	541,806
	XIAOMI CORP HK/01810		510,624	539,541
	DEVON ENERGY CORP		758,188	538,124
	TINGYI CAYMAN ISLANDS HOLDING HK/00322		654,686	535,974
	ORACLE CORP		552,767	535,628
	CIELO SA		600,618	534,800
	RAIFFEISEN BANK INTERNATIONAL		640,046	533,996
	TKH GROUP NV		517,718	533,465
	SHOP APOTHEKE EUROPE NV		543,918	533,161
	UNIVERSAL ENTERTAINMENT CORP		538,424	532,936
	SOUTHWESTERN ENERGY CO		778,429	531,977
	EUROBANK ERGASIAS SA		499,144	529,423
	ARCOS DORADOS HOLDINGS INC		468,641	527,699
	NEINOR HOMES SA		629,643	526,411
	TAKEDA PHARMACEUTICAL CO LTD		534,433	526,178
	KRAFT HEINZ CO/THE		495,715	523,558
	CHINA MERCHANTS BANK CO LTD HK/03968		406,136	515,030
	SONAE SGPS SA		553,810	514,801
	WANT WANT CHINA HOLDINGS LTD HK/00151		455,890	511,071
	BANKINTER SA		657,409	510,517
	NIPPON INDOSARI CORPINDO TBK P		359,652	509,745
	YOMA STRATEGIC HOLDINGS LTD		513,511	508,842
	VICAT SA		663,258	508,095
	VALEO SA		444,535	505,243

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		BORWARNER INC	450,127	504,162
		FEDEX CORP	525,192	503,076
		TWITTER INC	587,337	501,358
		TATA MOTORS LTD ADR	413,931	496,331
		COCA-COLA BOTTLERS JAPAN HOLDI	486,226	493,610
		TAPESTRY INC	609,009	493,578
		PROFARMA DISTRIBUIDORA DE PROD	427,161	490,087
		AUMANN AG	588,881	489,795
		CEMEX LATAM HOLDINGS SA	740,832	487,008
		TOWER BERSAMA INFRASTRUCTURE T	362,956	483,006
		HI SUN TECHNOLOGY CHINA LTD HK/00818	383,846	481,867
		ZYNGA INC	354,547	480,463
		AGC INC/JAPAN	451,539	478,796
		GREENCORE GROUP PLC	-	478,722
		CAIRN HOMES PLC	518,293	478,698
		FINECOBANK BANCA FINECO SPA	469,042	476,237
		MOSAIC CO/THE	554,473	475,647
		MERCADOLIBRE INC	318,084	474,138
		AJINOMOTO CO INC	502,516	470,305
		ECKOH PLC	307,138	469,368
		SCHIBSTED ASA	487,860	469,203
		SOUTH32 LTD	633,324	467,068
		EURAZEO SE	500,647	466,503
		58.COM INC ADR	406,747	462,237
		LI & FUNG LTD	837,909	461,702
		DOWA HOLDINGS CO LTD	391,075	461,215
		NIPPON PARKING DEVELOPMENT CO	522,024	461,113
		GREENTOWN SERVICE GROUP CO LTD HK/02869	348,832	460,528
		IJM CORP BHD	421,178	460,154
		MOMO INC ADR	517,236	459,989
		GINKO INTERNATIONAL CO LTD	392,169	459,983
		FLUOR CORP	778,931	459,086
		ADECCO GROUP AG	391,042	458,415
		SOFTBANK GROUP CORP	431,600	455,141
		HENKEL AG & CO KGAA	441,784	454,289
		GAM HOLDING AG	533,936	453,571
		IPSOS	399,777	452,480
		NICHI-IKO PHARMACEUTICAL CO LT	476,165	452,101
		ARYZTA AG	426,390	449,628
		TINEXTA SPA	333,796	447,701
		FLUOR CORP	925,633	446,890
		SELCUK ECZA DEPOSU TICARET VE	290,809	442,938
		MELCO RESORTS AND ENTERTAINMEN	431,215	442,105
		BOLSA DE VALORES DE COLOMBIA	430,970	436,760
		GENERAL MILLS INC	358,803	436,407
		SEINO HOLDINGS CO LTD	541,749	436,271
		GEA GROUP AG	390,026	435,118
		DOUBLEGAMES CO LTD	467,097	433,819
		ATOS SE	435,942	431,136
		YUM CHINA HOLDINGS INC	327,046	430,458
		HARLEY-DAVIDSON INC	391,397	428,540
		PEUGEOT SA	481,529	425,178
		SWISSCOM AG	370,956	424,013
		TSINGTAO BREWERY CO LTD HK/00168	338,660	422,869
		GRUPO NUTRESA SA	487,125	421,974
		SAMSUNG LIFE INSURANCE CO LTD	489,531	421,830
		MODEC INC	397,940	421,790
		LG CHEM LTD	436,743	421,430
		AUTOHOME INC ADR	409,289	420,373
		MEDIASET SPECIAL VOTING SHARE A	459,030	419,754
		INGENICO GROUP SA	310,564	418,225
		KYOCERA CORP	387,257	417,104
		COCA-COLA ICECEK AS	302,059	415,718
		CHINA PACIFIC INSURANCE GROUP HK/02601	397,398	414,571
		MALAYSIA AIRPORTS HOLDINGS BHD	463,909	414,512
		CJ ENM CO LTD	560,956	413,750
		RALPH LAUREN CORP	415,092	410,036
		CIE DE SAINT-GOBAIN	379,629	409,385
		COSCO CAPITAL INC	359,798	408,509

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		KUNLUN ENERGY CO LTD HK/00135	400,838	408,234
		SOHU.COM LTD ADR	803,437	407,422
		TOYO TANSO CO LTD	496,516	406,443
		PIRAEUS PORT AUTHORITY SA	334,154	402,482
		GRUPO DE INVERSIONES SURAMERIC	467,947	401,141
		DR HORTON INC	302,926	399,634
		CHINA LONGYUAN POWER GROUP COR HK/00916	476,266	397,156
		CK HUTCHISON HOLDINGS LTD HK/00001	368,281	395,635
		SUNCOR ENERGY INC NEW	410,117	394,273
		GENTING BHD	514,867	393,572
		MULTICHOICE GROUP	376,769	393,385
		FANUC CORP	371,577	392,850
		MITSUBISHI ESTATE CO LTD	359,821	392,232
		SIME DARBY BHD	428,624	391,736
		ZHEJIANG EXPRESSWAY CO LTD HK/00576	359,255	390,000
		NORDIC ENTERTAINMENT GROUP AB	312,715	389,294
		PROSUS NV	355,127	388,112
		ZOOPLUS AG	627,852	387,856
		CHINA COMMUNICATIONS CONSTRUCT HK/01800	386,843	386,372
		COLOPL INC	276,808	384,265
		WIRTUALNA POLSKA HOLDING SA	272,720	380,303
		INVERSIONES LA CONSTRUCCION SA	494,523	378,253
		VEON LTD ADR	438,605	377,016
		KT&G CORP	392,521	375,459
		TITAN CEMENT INTERNATIONAL SA	396,198	370,908
		CHINA EVERBRIGHT INTERNATIONAL HK/00257	448,485	370,261
		HYUNDAI GLOVIS CO LTD	341,108	356,248
		ENDESA SA	317,027	355,995
		UBE INDUSTRIES LTD	403,235	354,634
		MEYER BURGER TECHNOLOGY AG	541,429	348,679
		SAMSUNG C&T CORP	374,542	348,547
		INTERTRUST NV	346,673	344,269
		MELCO INTERNATIONAL DEVELOPMEN HK/00200	351,966	344,108
		UNITEDHEALTH GROUP INC	271,030	343,663
		ABSA GROUP LTD	377,494	340,250
		CHINA SANJIANG FINE CHEMICALS HK/02198	462,178	339,305
		OKAMOTO INDUSTRIES INC	432,418	336,900
		LINK NET TBK PT	345,594	331,536
		CJ CORP	371,823	328,947
		QUDIAN INC ADR	434,120	327,232
		APPLIED MATERIALS INC	202,117	326,259
		PRUDENTIAL PLC	321,550	324,406
		CIE FINANCIERE RICHEMONT SA	317,065	324,395
		NXP SEMICONDUCTORS NV	229,930	322,350
		GRUPPO MUTUIONLINE SPA	232,558	320,735
		SAFRAN SA	270,882	317,677
		IBERSOL SGPS SA	421,848	317,650
		HOME24 SE	219,432	315,797
		MINWISE CO LTD	409,892	315,444
		GRESHAM HOUSE PLC	229,663	314,261
		SAMSONITE INTERNATIONAL SA HK/01910	250,417	311,995
		PFIZER INC	290,868	311,912
		DIGITAL VALUE SPA	288,419	311,496
		ETABLISSEMENTS MAUREL ET PROM	582,683	305,456
		TSUMURA & CO	307,652	302,465
		CHINA NEW HIGHER EDUCATION GRO HK/02001	377,907	302,085
		US BANCORP	264,806	301,252
		SJM HOLDINGS LTD HK/00880	309,407	299,393
		SONY CORP	265,507	296,925
		PPC LTD	632,060	295,251
		FOOT LOCKER INC	323,367	292,971
		LIFE HEALTHCARE GROUP HOLDINGS	292,058	290,891
		EXXON MOBIL CORP	288,610	290,773
		NATIONAL GRID PLC	259,365	290,623
		TULLOW OIL PLC	761,807	289,856
		FNAC DARTY SA	340,034	289,406
		TELEFONICA DEUTSCHLAND HOLDING	420,993	289,404
		FOURLIS HOLDINGS SA	289,828	288,789
		BEIJING CAPITAL INTERNATIONAL HK/00694	292,746	285,167

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		CHINA MOBILE LTD HK/00941	275,565	281,610
		HUTCHISON PORT HOLDINGS TRUST	370,191	279,416
		KITZ CORP	262,930	279,302
		NITTO DENKO CORP	249,021	278,079
		MAISONS DU MONDE SA	387,533	276,720
		JUVENTUS FOOTBALL CLUB SPA	204,016	270,461
		KNOW IT AB	231,716	263,514
		FRAPORT AG FRANKFURT AIRPORT S	227,936	260,888
		PEARL ABYSS CORP	278,165	260,076
		DATALOGIC SPA	193,134	251,250
		SANSEI TECHNOLOGIES INC	253,227	249,551
		MEGA MANUNGGAL PROPERTY TBK PT	490,067	244,042
		BLUE APRON HOLDINGS INC	1,088,018	242,934
		SARANTIS SA	206,064	237,122
		FUKUDA DENSHI CO LTD	212,586	235,512
		COSTCO WHOLESALE CORP	186,306	235,430
		TEXWINCA HOLDINGS LTD HK/00321	360,990	230,325
		GRUPO TRAXION SAB DE CV	227,157	225,682
		TECHNOS SA	137,555	222,834
		NAVER CORP	201,001	219,326
		PROSUS NV	239,674	214,968
		WESTROCK CO	199,650	214,550
		CHARLES SCHWAB CORP/THE	191,528	212,593
		ANHEUSER-BUSCH INBEV SA/NV	187,910	212,041
		KASIKORNBANK PCL	271,535	211,025
		DAITO TRUST CONSTRUCTION CO LT	228,369	210,867
		TIONG NAM LOGISTICS HOLDINGS	429,302	210,008
		HENGAN INTERNATIONAL GROUP CO HK/01044	192,127	209,412
		TSUBAKIMOTO CHAIN CO	200,884	206,276
		AIXTRON SE	208,438	201,026
		VITAL KSK HOLDINGS INC	205,523	191,122
		TREND MICRO INC/JAPAN	176,962	185,507
		WAL-MART DE MEXICO SAB DE CV	187,555	182,695
		KASIKORNBANK PCL	181,341	181,480
		SWIRE PACIFIC LTD HK/00087	160,148	166,339
		CHINA RESOURCES MEDICAL HOLDIN HK/01515	178,748	165,444
		IGM FINANCIAL INC	160,929	154,784
		SECOM CO LTD	139,846	152,941
		ALMA MEDIA OYJ	137,153	150,914
		RECKITT BENCKISER GROUP PLC	153,240	148,098
		NOKIA OYJ	186,818	146,843
		PUBLICIS GROUPE SA	141,053	146,196
		DAICEL CORP	122,336	137,067
		SNAM SPA	115,265	136,545
		TREMOR INTERNATIONAL LTD	7,733,136	132,816
		BANCOLOMBIA SA	96,054	118,746
		TELEVISION FRANCAISE 1	126,820	114,140
		INTERCONTINENTAL EXCHANGE INC	95,009	111,153
		ABB LTD	100,741	111,016
		NITORI HOLDINGS CO LTD	95,122	110,950
		ENCE ENERGIA Y CELULOSA SA	109,996	109,004
		CHINA RESOURCES PHARMACEUTICAL HK/03320	100,842	106,213
		CONSORCIO ARA SAB DE CV	130,459	105,358
		BRASIL BROKERS PARTICIPACOES S	66,547	102,623
		PARK24 CO LTD	94,565	98,238
		IMAX CORP	103,557	98,064
		CHOW SANG SANG HOLDINGS INTERN HK/00116	99,270	97,819
		FRASER AND NEAVE LTD	108,912	96,319
		HERIGE SADCS	81,865	95,547
		CHAROEN POKPHAND FOODS PCL	80,462	90,931
		CAIRN HOMES PLC	109,976	78,692
		MAGNA INTL INC	53,359	64,735
		QUALCOMM INC	43,875	62,114
		THALES SA	64,826	61,793
		KUEHNE + NAGEL INTERNATIONAL A	50,158	60,504
		ACACIA COMMUNICATIONS INC	31,401	60,080
		EQUITY COMMONWEALTH	54,031	53,907
		BEC WORLD PCL	46,559	40,535
		BANCO SANTANDER CHILE ADR	47,679	34,535

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		VODAFONE GROUP PLC	30,577	30,404
		CATCHER TECHNOLOGY CO LTD	32,068	30,289
		INTERDIGITAL INC	29,318	29,097
		LI & FUNG LTD	88,340	27,708
		REPSOL SA RTS	18,999	19,075
		XAAR PLC	12,113	3,084
		WILSON SONS LTD	2,400	2,226
		LOJAS AMERICANAS SA RTS	-	1,695
		FRESENIUS KABI PHARMACEUTICALS RTS EXP 12/31/2010	750	750
		Corporate Stock Total	851,381,987	997,652,810
	Corporate Obligations			
		VERIZON COMMUNICATIONS INC 4.812% 03/15/2039 DD 02/03/17	9,807,597	9,808,256
		ANHEUSER-BUSCH INBEV WORLDWIDE 5.450% 01/23/2039 DD 01/23/19	8,567,605	8,532,155
		MICROSOFT CORP 3.750% 02/12/2045 DD 02/12/15	7,012,259	6,914,419
		AT&T INC 4.500% 03/09/2048 DD 09/07/16	6,129,231	6,275,264
		DUKE ENERGY CAROLINAS LLC 6.000% 01/15/2038 DD 01/10/08	5,166,242	6,240,232
		AT&T INC 5.550% 08/15/2041 DD 08/18/11	5,138,495	5,971,705
		WELLS FARGO & CO 4.650% 11/04/2044 DD 11/04/14	5,667,258	5,592,783
		ANHEUSER-BUSCH INBEV WORLDWIDE 4.600% 04/15/2048 DD 04/04/18	5,495,616	5,493,120
		AT&T INC 4.850% 03/01/2039 DD 02/19/19	5,140,280	5,219,226
		FLORIDA POWER & LIGHT CO 5.960% 04/01/2039 DD 03/17/09	3,720,898	4,783,934
		NORTHROP GRUMMAN CORP 4.750% 06/01/2043 DD 05/31/13	4,216,138	4,593,060
		GOLDMAN SACHS GROUP INC/THE VAR RT 10/31/2038 DD 10/31/17	4,186,975	4,580,778
		COMCAST CORP 3.400% 07/15/2046 DD 07/19/16	4,651,975	4,577,515
		LOCKHEED MARTIN CORP 4.070% 12/15/2042 DD 12/14/12	3,987,468	4,533,700
		VERIZON COMMUNICATIONS INC 4.522% 09/15/2048 DD 03/13/15	3,350,614	4,496,213
		CHARTER COMMUNICATIONS OPERATI 5.375% 05/01/2047 DD 11/01/17	4,400,840	4,487,640
		WYETH LLC 5.950% 04/01/2037 DD 03/27/07	3,582,457	4,476,316
		ORACLE CORP 4.125% 05/15/2045 DD 05/05/15	3,929,278	4,463,540
		CONSOLIDATED EDISON CO OF NEW 4.450% 03/15/2044 DD 03/06/14	3,596,976	4,183,200
		HSBC HOLDINGS PLC 6.500% 09/15/2037 DD 09/12/07	3,032,877	4,140,707
		JPMORGAN CHASE & CO VAR RT 10/15/2030 DD 09/12/19	4,100,000	4,100,615
		ANHEUSER-BUSCH COS LLC / ANHEU 4.700% 02/01/2036 DD 02/01/19	3,325,455	3,997,688
		GOLDMAN SACHS GROUP INC/THE 6.250% 02/01/2041 DD 01/28/11	3,050,960	3,978,334
		COMCAST CORP 3.200% 07/15/2036 DD 07/19/16	4,002,405	3,977,502
		INTEL CORP 3.250% 11/15/2049 DD 11/21/19	3,902,774	3,926,868
		BANK OF AMERICA CORP VAR RT 10/22/2030 DD 10/22/19	3,885,000	3,919,149
		AT&T INC 4.500% 03/09/2048 DD 09/07/16	3,040,212	3,723,176
		VERIZON COMMUNICATIONS INC 4.750% 11/01/2041 DD 11/03/11	3,167,831	3,709,416
		MOTIVA ENTERPRISES LLC 144A 6.850% 01/15/2040 DD 01/11/10	3,627,265	3,646,823
		CITIGROUP INC VAR RT 07/24/2028 DD 07/24/17	3,615,992	3,603,553
		GILEAD SCIENCES INC 4.150% 03/01/2047 DD 09/20/16	3,191,948	3,581,703
		JPMORGAN CHASE & CO VAR RT 04/23/2029 DD 04/23/18	3,439,807	3,569,898
		WELLS FARGO BANK NA 5.850% 02/01/2037 DD 01/29/07	2,928,435	3,564,358
		PETROLEOS MEXICANOS 144A 7.690% 01/23/2050 DD 09/23/19	3,405,716	3,525,028
		APPLE INC 3.750% 11/13/2047 DD 11/13/17	3,525,989	3,481,606
		WELLS FARGO BANK NA 6.600% 01/15/2038 DD 12/07/07	2,590,069	3,437,670
		DOMINION ENERGY INC 4.050% 09/15/2042 DD 09/13/12	3,190,266	3,416,742
		AMGEN INC 4.663% 06/15/2051 DD 12/15/16	2,973,096	3,375,629
		HSBC HOLDINGS PLC VAR RT 06/19/2029 DD 06/19/18	3,000,000	3,354,720
		LOCKHEED MARTIN CORP 4.070% 12/15/2042 DD 12/14/12	3,396,782	3,328,901
		VERIZON COMMUNICATIONS INC 3.850% 11/01/2042 DD 11/07/12	2,610,225	3,312,131
		MIDAMERICAN ENERGY CO 4.250% 07/15/2049 DD 01/09/19	3,365,665	3,307,460
		VERIZON COMMUNICATIONS INC 5.250% 03/16/2037 DD 03/16/17	2,599,826	3,290,537
		SHELL INTERNATIONAL FINANCE BV 6.375% 12/15/2038 DD 12/11/08	2,593,534	3,211,098
		VERIZON COMMUNICATIONS INC 4.125% 08/15/2046 DD 08/01/16	3,154,476	3,204,429
		SHELL INTERNATIONAL FINANCE BV 4.375% 05/11/2045 DD 05/11/15	2,634,060	3,151,685
		MICROSOFT CORP 3.500% 11/15/2042 DD 11/07/12	2,834,779	3,147,312
		CSX CORP 4.750% 05/30/2042 DD 11/01/11	2,653,235	3,077,007
		JPMORGAN CHASE & CO VAR RT 01/23/2049 DD 01/23/18	3,091,049	3,066,933
		CVS HEALTH CORP 5.050% 03/25/2048 DD 03/09/18	2,989,113	3,063,303
		UNION PACIFIC CORP 4.375% 11/15/2065 DD 10/29/15	3,140,692	3,054,748
		BRISTOL-MYERS SQUIBB CO 144A 4.250% 10/26/2049 DD 05/16/19	2,704,164	3,045,373
		BANK OF AMERICA CORP VAR RT 12/20/2028 DD 12/20/17	2,840,920	2,999,200
		CVS HEALTH CORP 5.050% 03/25/2048 DD 03/09/18	2,550,006	2,998,126
		ANTHEM INC 4.550% 03/01/2048 DD 03/02/18	2,630,998	2,987,899

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		WELLS FARGO & CO 4.900% 11/17/2045 DD 11/17/15	2,718,008	2,978,687
		GOLDMAN SACHS GROUP INC/THE VAR RT 10/31/2038 DD 10/31/17	2,992,573	2,977,777
		JOHNSON & JOHNSON 4.375% 12/05/2033 DD 12/05/13	2,706,275	2,938,230
		TELEFONICA EMISIONES SA 5.520% 03/01/2049 DD 03/01/19	2,806,034	2,935,694
		AT&T INC VAR RT 12/15/2043 DD 06/05/19	2,709,503	2,922,701
		AT&T INC 4.350% 06/15/2045 DD 06/15/13	2,525,727	2,914,947
		CITIGROUP INC VAR RT 04/24/2048 DD 04/25/17	2,860,331	2,865,731
		NEW YORK LIFE INSURANCE C 144A 6.750% 11/15/2039 DD 10/08/09	2,494,385	2,837,736
		ABBOTT LABORATORIES 4.750% 11/30/2036 DD 11/22/16	2,240,568	2,828,108
		ENERGY TRANSFER OPERATING LP 6.250% 04/15/2049 DD 01/15/19	2,861,846	2,811,867
		WYETH LLC 5.950% 04/01/2037 DD 03/27/07	2,563,593	2,807,089
		KINDER MORGAN ENERGY PARTNERS 5.500% 03/01/2044 DD 02/24/14	2,474,709	2,806,421
		BURLINGTON NORTHERN SANTA FE L 3.900% 08/01/2046 DD 05/16/16	2,863,548	2,801,022
		BERKSHIRE HATHAWAY ENERGY CO 4.450% 01/15/2049 DD 07/25/18	2,860,984	2,796,994
		NORTHWESTERN MUTUAL LIFE 144A 3.625% 09/30/2059 DD 09/20/19	2,809,882	2,790,179
		JPMORGAN CHASE & CO VAR RT 07/24/2038 DD 07/24/17	2,809,808	2,783,929
		ORACLE CORP 4.000% 11/15/2047 DD 11/09/17	2,802,981	2,763,362
		UNITEDHEALTH GROUP INC 3.500% 08/15/2039 DD 07/25/19	2,765,153	2,746,247
		CONSOLIDATED EDISON CO OF NEW 4.125% 05/15/2049 DD 05/09/19	2,796,269	2,738,748
		PFIZER INC 4.000% 12/15/2036 DD 11/21/16	2,748,605	2,721,960
		MEXICO GOVERNMENT INTERNATIONAL 4.600% 01/23/2046 DD 01/23/15	2,406,677	2,707,075
		EXELON GENERATION CO LLC 6.250% 10/01/2039 DD 09/23/09	2,531,031	2,702,733
		HUMANA INC 3.850% 10/01/2024 DD 09/19/14	2,624,967	2,695,035
		BIOGEN INC 5.200% 09/15/2045 DD 09/15/15	2,204,327	2,681,205
		ANHEUSER-BUSCH INBEV WORLDWIDE 5.550% 01/23/2049 DD 01/23/19	2,188,947	2,663,606
		ANTHEM INC 4.650% 08/15/2044 DD 08/12/14	2,659,968	2,658,175
		JPMORGAN CHASE & CO VAR RT 07/24/2048 DD 07/24/17	2,344,035	2,634,569
		ANHEUSER-BUSCH INBEV WORLDWIDE 4.439% 10/06/2048 DD 04/06/17	2,331,117	2,632,419
		LOWE'S COS INC 4.050% 05/03/2047 DD 05/03/17	2,487,685	2,625,226
		INTERNATIONAL BUSINESS MACHINE 4.250% 05/15/2049 DD 05/15/19	2,378,295	2,603,647
		VIACOMCBS INC 5.250% 04/01/2044 DD 03/11/14	2,642,269	2,558,770
		DUPONT DE NEMOURS INC 5.419% 11/15/2048 DD 11/28/18	2,087,118	2,554,132
		MICROSOFT CORP 3.450% 08/08/2036 DD 08/08/16	2,311,022	2,542,743
		BERKSHIRE HATHAWAY ENERGY CO 3.800% 07/15/2048 DD 01/05/18	2,330,660	2,529,352
		DUKE ENERGY PROGRESS LLC 4.150% 12/01/2044 DD 11/20/14	2,597,777	2,515,518
		KINDER MORGAN INC/DE 5.550% 06/01/2045 DD 11/26/14	2,102,889	2,511,090
		PETROLEOS MEXICANOS 6.350% 02/12/2048	2,271,880	2,509,000
		UNITED TECHNOLOGIES CORP 4.450% 11/16/2038 DD 08/16/18	2,529,074	2,508,744
		AT&T INC 5.550% 08/15/2041 DD 08/18/11	2,157,782	2,502,487
		MICROSOFT CORP 4.100% 02/06/2037 DD 02/06/17	2,100,432	2,490,236
		PFIZER INC 4.200% 09/15/2048 DD 09/07/18	2,104,978	2,475,916
		JPMORGAN CHASE & CO 5.600% 07/15/2041 DD 07/21/11	1,938,775	2,465,172
		BROADCOM CORP / BROADCOM CAYMA 3.875% 01/15/2027 DD 01/15/18	2,276,086	2,461,861
		COMCAST CORP 4.650% 07/15/2042 DD 07/02/12	2,254,600	2,446,925
		ANHEUSER-BUSCH COS LLC / ANHEU 4.900% 02/01/2046 DD 02/01/19	1,956,401	2,437,477
		WALT DISNEY CO/THE 6.200% 12/15/2034 DD 06/15/19	2,471,750	2,436,790
		PPL ELECTRIC UTILITIES CORP 4.125% 06/15/2044 DD 06/05/14	2,164,783	2,430,646
		ALTRIA GROUP INC 5.800% 02/14/2039 DD 02/14/19	2,455,615	2,429,514
		ORACLE CORP 6.500% 04/15/2038 DD 04/09/08	1,993,474	2,425,550
		VERIZON COMMUNICATIONS INC 4.272% 01/15/2036 DD 07/15/15	2,016,052	2,423,657
		BERKSHIRE HATHAWAY FINANCE COR 4.200% 08/15/2048 DD 08/15/18	2,429,560	2,421,239
		AVALONBAY COMMUNITIES INC 4.350% 04/15/2048 DD 03/26/18	2,031,215	2,397,596
		BANK OF AMERICA CORP VAR RT 04/24/2038 DD 04/24/17	2,374,868	2,386,544
		BANK OF AMERICA CORP 4.750% 04/21/2045 DD 04/21/15	1,810,757	2,385,691
		AMGEN INC 4.563% 06/15/2048 DD 12/15/16	2,367,737	2,377,231
		MICROSOFT CORP 3.750% 02/12/2045 DD 02/12/15	1,930,078	2,354,087
		GEORGIA POWER CO 4.300% 03/15/2042 DD 03/06/12	2,143,906	2,353,751
		JPMORGAN CHASE & CO VAR RT 05/01/2028 DD 04/25/17	2,205,564	2,353,482
		VISA INC 4.300% 12/14/2045 DD 12/14/15	1,913,558	2,347,982
		ORACLE CORP 3.850% 07/15/2036 DD 07/07/16	2,171,693	2,333,288
		PETROLEOS MEXICANOS 6.350% 02/12/2048 DD 08/12/18	2,180,711	2,328,545
		UNITEDHEALTH GROUP INC 6.875% 02/15/2038 DD 02/07/08	1,679,596	2,327,431
		ORACLE CORP 3.800% 11/15/2037 DD 11/09/17	2,342,691	2,317,075
		CHARTER COMMUNICATIONS OPERATI 5.375% 05/01/2047 DD 11/01/17	2,114,421	2,316,744
		WALMART INC 4.000% 04/11/2043 DD 04/11/13	1,977,478	2,297,390
		JOHNSON & JOHNSON 3.700% 03/01/2046 DD 03/01/16	2,323,291	2,294,692
		UNITED TECHNOLOGIES CORP 4.050% 05/04/2047 DD 05/04/17	2,279,660	2,294,300
		MORGAN STANLEY VAR RT 07/22/2038 DD 07/24/17	2,209,749	2,294,091
		ANHEUSER-BUSCH INBEV WORLDWIDE 4.439% 10/06/2048 DD 04/06/17	2,008,248	2,292,571

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(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(d) Cost	(e) Current value
		GE CAPITAL INTERNATIONAL FUNDI 4.418% 11/15/2035 DD 05/15/16	2,228,296	2,289,222
		GENERAL ELECTRIC CO 5.875% 01/14/2038 DD 01/14/08	2,187,760	2,274,313
		COMCAST CORP 4.700% 10/15/2048 DD 10/05/18	1,836,664	2,271,977
		CORNING INC 5.450% 11/15/2079 DD 11/19/19	2,078,195	2,267,954
		TIME WARNER CABLE LLC 6.750% 06/15/2039 DD 06/29/09	2,206,439	2,255,348
		COLOMBIA GOVERNMENT INTERNATIO 5.000% 06/15/2045 DD 01/28/15	1,965,495	2,253,310
		ELECTRICITE DE FRANCE SA 144A 5.000% 09/21/2048 DD 09/21/18	1,814,872	2,230,686
		TRANSCANADA PIPELINES LTD 5.100% 03/15/2049 DD 10/12/18	2,207,262	2,227,413
		MARATHON OIL CORP 6.600% 10/01/2037 DD 09/27/07	2,006,366	2,226,446
		UNITED TECHNOLOGIES CORP 4.500% 06/01/2042 DD 06/01/12	1,873,931	2,223,997
		GENERAL MOTORS CO 5.000% 04/01/2035 DD 11/12/14	2,126,608	2,222,498
		GE CAPITAL INTERNATIONAL FUNDI 4.418% 11/15/2035 DD 05/15/16	1,750,385	2,215,411
		UNION PACIFIC CORP 4.150% 01/15/2045 DD 08/12/14	1,984,211	2,211,140
		MARSH & MCLENNAN COS INC 4.900% 03/15/2049 DD 01/15/19	1,733,144	2,203,502
		EMERA US FINANCE LP 4.750% 06/15/2046 DD 12/15/16	1,935,945	2,188,337
		FEDEX CORP 4.050% 02/15/2048 DD 01/31/18	2,250,598	2,183,680
		ENTERPRISE PRODUCTS OPERATING 4.800% 02/01/2049 DD 10/11/18	2,141,483	2,161,540
		TIME WARNER CABLE LLC 5.875% 11/15/2040 DD 11/15/10	2,053,505	2,157,808
		CSX CORP 4.100% 03/15/2044 DD 10/22/12	2,187,618	2,150,157
		GOLDMAN SACHS GROUP INC/THE VAR RT 06/05/2028 DD 06/05/17	2,015,000	2,143,940
		EXELON CORP 5.100% 06/15/2045 DD 12/15/15	1,754,086	2,122,718
		MIDAMERICAN ENERGY CO 4.400% 10/15/2044 DD 04/03/14	1,779,242	2,112,272
		TRANSCANADA PIPELINES LTD 6.200% 10/15/2037 DD 10/05/07	1,949,887	2,100,921
		BANK OF AMERICA CORP VAR RT 07/23/2030 DD 07/23/19	2,030,000	2,100,197
		HOME DEPOT INC/THE 5.875% 12/16/2036 DD 12/19/06	2,126,511	2,098,330
		SHELL INTERNATIONAL FINANCE BV 4.375% 05/11/2045 DD 05/11/15	2,135,956	2,095,154
		MICROSOFT CORP 4.250% 02/06/2047 DD 02/06/17	1,702,629	2,079,867
		ANHEUSER-BUSCH INBEV WORLDWIDE 5.550% 01/23/2049 DD 01/23/19	1,638,064	2,078,912
		ORACLE CORP 4.300% 07/08/2034 DD 07/08/14	1,789,359	2,076,697
		WASTE MANAGEMENT INC 4.100% 03/01/2045 DD 02/26/15	1,847,472	2,073,798
		AMAZON.COM INC 4.050% 08/22/2047 DD 02/22/18	2,129,279	2,071,256
		ANGLO AMERICAN CAPITAL PL 144A 4.750% 04/10/2027 DD 04/10/17	2,025,837	2,067,433
		GILEAD SCIENCES INC 4.500% 02/01/2045 DD 11/17/14	2,022,819	2,051,813
		ABBVIE INC 144A 4.250% 11/21/2049 DD 11/21/19	1,921,566	2,049,313
		CITIGROUP INC 3.200% 10/21/2026 DD 10/21/16	1,898,957	2,044,052
		NATIONAL AUSTRALIA BANK LTD/NE 2.625% 07/23/2020 DD 07/23/15	2,069,199	2,037,816
		CANADIAN NATURAL RESOURCES LTD 6.750% 02/01/2039 DD 01/17/08	1,578,885	2,034,555
		APPLE INC 3.450% 02/09/2045 DD 02/09/15	1,868,505	2,029,162
		COMCAST CORP 4.049% 11/01/2052 DD 10/19/17	1,873,251	2,025,629
		EMERA US FINANCE LP 4.750% 06/15/2046 DD 12/15/16	2,058,146	2,014,659
		CORNING INC 5.850% 11/15/2068 DD 11/06/18	1,682,523	2,011,452
		WALT DISNEY CO/THE 6.400% 12/15/2035 DD 06/15/19	1,905,183	2,006,932
		AMERICAN INTERNATIONAL GROUP I 3.875% 01/15/2035 DD 01/15/15	1,823,523	2,006,859
		MORGAN STANLEY 7.250% 04/01/2032 DD 04/03/02	1,615,968	2,003,400
		METLIFE INC 4.875% 11/13/2043 DD 11/13/13	1,604,922	2,002,713
		GE CAPITAL INTERNATIONAL FUNDI 4.418% 11/15/2035 DD 05/15/16	1,625,193	1,995,046
		MORGAN STANLEY VAR RT 07/22/2038 DD 07/24/17	1,988,932	1,994,137
		GOLDMAN SACHS GROUP INC/THE 6.250% 02/01/2041 DD 01/28/11	1,623,196	1,992,663
		CITIGROUP INC VAR RT 04/24/2048 DD 04/25/17	1,675,000	1,991,743
		NORTHROP GRUMMAN CORP 4.030% 10/15/2047 DD 10/13/17	1,742,388	1,988,420
		ABBVIE INC 4.500% 05/14/2035 DD 05/14/15	1,731,347	1,985,016
		LOWE'S COS INC 4.050% 05/03/2047 DD 05/03/17	1,934,790	1,971,621
		CITIGROUP INC 5.875% 01/30/2042 DD 01/26/12	1,485,640	1,970,864
		ABBVIE INC 4.875% 11/14/2048 DD 09/18/18	1,677,084	1,958,301
		EQUINOR ASA 3.950% 05/15/2043 DD 05/15/13	2,010,628	1,953,963
		ASTRAZENECA PLC 6.450% 09/15/2037 DD 09/12/07	1,602,970	1,953,501
		BURLINGTON NORTHERN SANTA FE L 4.375% 09/01/2042 DD 08/23/12	1,672,396	1,952,966
		GOLDMAN SACHS GROUP INC/THE 5.150% 05/22/2045 DD 05/22/15	1,922,612	1,948,345
		DUKE ENERGY CAROLINAS LLC 3.750% 06/01/2045 DD 03/12/15	1,999,146	1,947,721
		NATIONWIDE MUTUAL INSURAN 144A 9.375% 08/15/2039 DD 08/10/09	1,974,215	1,946,546
		WALGREENS BOOTS ALLIANCE INC 4.500% 11/18/2034 DD 11/18/14	1,857,430	1,945,736
		GENERAL ELECTRIC CO 5.875% 01/14/2038 DD 01/14/08	1,636,710	1,935,172
		GENERAL MOTORS CO 5.950% 04/01/2049 DD 09/10/18	1,920,268	1,934,524
		KRAFT HEINZ FOODS CO 4.375% 06/01/2046 DD 05/24/16	1,881,429	1,922,252
		ISRAEL ST AID 5.500% 09/18/2033 DD 09/18/03	1,485,786	1,922,040
		PEPSICO INC 4.250% 10/22/2044 DD 10/22/14	1,790,129	1,919,457
		DOMINION ENERGY INC 4.700% 12/01/2044 DD 11/25/14	1,643,928	1,915,254
		MERCK & CO INC 3.700% 02/10/2045 DD 02/10/15	1,956,337	1,913,864
		CONSOLIDATED EDISON CO OF NEW 5.500% 12/01/2039 DD 12/04/09	1,767,887	1,913,533

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	WALMART INC 4.050% 06/29/2048 DD 06/27/18	1,584,119	1,902,471
	HOME DEPOT INC/THE 4.200% 04/01/2043 DD 04/05/13	1,595,156	1,897,630
	ABBOTT LABORATORIES 4.750% 11/30/2036 DD 11/22/16	1,608,340	1,893,767
	GENERAL ELECTRIC CO 6.750% 03/15/2032 DD 03/20/02	1,585,430	1,880,815
	VODAFONE GROUP PLC 4.375% 02/19/2043 DD 02/19/13	1,633,380	1,879,465
	URUGUAY GOVERNMENT INTERNATIONAL 5.100% 06/18/2050	1,564,041	1,877,531
	AMERICAN EXPRESS CO 3.000% 10/30/2024 DD 10/30/17	1,808,860	1,871,395
	AT&T INC 144A 0.000% 11/27/2022 DD 11/27/07	1,542,500	1,870,080
	SOUTHERN CALIFORNIA EDISON CO 3.600% 02/01/2045 DD 01/16/15	1,906,778	1,869,848
	SOUTHERN CALIFORNIA EDISON CO 4.500% 09/01/2040 DD 08/30/10	1,721,828	1,867,705
	NUTRIEN LTD 4.125% 03/15/2035 DD 03/15/18	1,710,940	1,867,699
	SOUTHERN CO/THE 4.400% 07/01/2046 DD 05/24/16	1,882,814	1,857,692
	UNITED TECHNOLOGIES CORP 4.625% 11/16/2048 DD 08/16/18	1,475,806	1,848,441
	APPLE INC 4.650% 02/23/2046 DD 02/23/16	1,628,559	1,844,483
	ABBOTT LABORATORIES 4.750% 11/30/2036 DD 11/22/16	1,839,804	1,843,601
	OGLETHORPE POWER CORP 5.050% 10/01/2048 DD 04/01/19	1,945,932	1,826,071
	PACIFICORP 6.250% 10/15/2037 DD 10/03/07	1,857,381	1,809,896
	CVS HEALTH CORP 3.875% 07/20/2025 DD 07/20/15	1,761,783	1,805,361
	APPLE INC 3.750% 11/13/2047 DD 11/13/17	1,591,839	1,782,449
	COMCAST CORP 4.950% 10/15/2058 DD 10/05/18	1,759,096	1,778,895
	SUNOCO LOGISTICS PARTNERS OPER 4.950% 01/15/2043 DD 01/10/13	1,810,888	1,777,858
	PARKER-HANNIFIN CORP 4.200% 11/21/2034 DD 11/21/14	1,603,283	1,777,168
	DEUTSCHE TELEKOM INTERNATIONAL VAR RT 06/15/2030 DD 07/06/00	1,609,859	1,775,206
	AT&T INC 5.250% 03/01/2037 DD 02/09/17	1,503,587	1,774,248
	BANK OF AMERICA CORP VAR RT 01/20/2048 DD 01/20/17	1,636,036	1,768,754
	ENTERPRISE PRODUCTS OPERATING 4.800% 02/01/2049 DD 10/11/18	1,490,850	1,762,125
	SHELL INTERNATIONAL FINANCE BV 6.375% 12/15/2038 DD 12/11/08	1,549,051	1,751,508
	ANHEUSER-BUSCH INBEV WORLDWIDE 5.450% 01/23/2039 DD 01/23/19	1,381,150	1,742,926
	UNITEDHEALTH GROUP INC 4.250% 06/15/2048 DD 06/19/18	1,739,633	1,737,893
	REYNOLDS AMERICAN INC 5.850% 08/15/2045 DD 06/12/15	1,701,393	1,727,273
	NUTRIEN LTD 5.000% 04/01/2049 DD 04/01/19	1,733,847	1,723,379
	MIDAMERICAN ENERGY CO 5.750% 11/01/2035 DD 11/01/05	1,561,001	1,713,855
	PETROLEOS MEXICANOS 144A 7.690% 01/23/2050 DD 09/23/19	1,590,493	1,707,947
	PECO ENERGY CO 3.700% 09/15/2047 DD 09/18/17	1,740,076	1,702,927
	METLIFE INC 5.875% 02/06/2041 DD 08/06/10	1,473,570	1,702,613
	PHILLIPS 66 4.650% 11/15/2034 DD 11/17/14	1,427,178	1,698,337
	CIGNA CORP 4.800% 08/15/2038 DD 08/15/19	1,658,075	1,691,309
	MORGAN STANLEY 6.375% 07/24/2042 DD 07/24/12	1,394,621	1,688,016
	BOEING CO/THE 3.825% 03/01/2059 DD 02/15/19	1,703,104	1,672,896
	MORGAN STANLEY VAR RT 07/22/2038 DD 07/24/17	1,505,000	1,671,965
	GLAXOSMITHKLINE CAPITAL INC 6.375% 05/15/2038 DD 05/13/08	1,468,035	1,665,702
	PUBLIC SERVICE ELECTRIC & GAS 4.050% 05/01/2048 DD 05/04/18	1,436,055	1,662,400
	ABBVIE INC 4.875% 11/14/2048 DD 09/18/18	1,478,310	1,657,913
	ALTRIA GROUP INC 3.875% 09/16/2046 DD 09/16/16	1,670,497	1,652,510
	CLEVELAND ELECTRIC ILLUMINATIN 5.950% 12/15/2036 DD 12/11/06	1,644,239	1,651,740
	BURLINGTON NORTHERN SANTA FE L 4.550% 09/01/2044 DD 08/18/14	1,642,191	1,651,696
	SUNCOR ENERGY INC 6.500% 06/15/2038 DD 06/28/07	1,505,945	1,649,603
	BANK OF AMERICA CORP 6.110% 01/29/2037 DD 01/29/07	1,348,686	1,649,111
	SHELL INTERNATIONAL FINANCE BV 5.500% 03/25/2040 DD 03/25/10	1,636,155	1,641,101
	CONOCOPHILLIPS 5.900% 05/15/2038 DD 05/08/08	1,468,533	1,635,924
	DUPONT DE NEMOURS INC 5.319% 11/15/2038 DD 11/28/18	1,370,000	1,635,328
	MEXICO GOVERNMENT INTERNATIONA 4.750% 03/08/2044 DD 03/08/12	1,457,138	1,624,350
	COMCAST CORP 4.000% 03/01/2048 DD 02/08/18	1,433,618	1,620,848
	BANK OF AMERICA CORP VAR RT 03/15/2050 DD 03/15/19	1,599,370	1,615,437
	DELL INTERNATIONAL LLC / 144A 8.350% 07/15/2046 DD 06/01/16	1,454,996	1,605,300
	DUKE ENERGY PROGRESS LLC 3.600% 09/15/2047 DD 09/08/17	1,527,751	1,604,970
	GENERAL MOTORS CO 5.150% 04/01/2038 DD 08/07/17	1,610,784	1,600,979
	ABBVIE INC 4.400% 11/06/2042 DD 05/06/13	1,465,596	1,596,137
	DISCOVERY COMMUNICATIONS LLC 5.200% 09/20/2047 DD 09/21/17	1,527,816	1,592,346
	BRITISH TELECOMMUNICATIONS PLC VAR RT 12/15/2030 DD 12/12/00	1,351,936	1,591,768
	NOBLE ENERGY INC 5.250% 11/15/2043 DD 11/08/13	1,529,277	1,583,112
	APPLE INC 4.650% 02/23/2046 DD 02/23/16	1,252,730	1,580,985
	CVS HEALTH CORP 4.780% 03/25/2038 DD 03/09/18	1,549,269	1,580,249
	PUBLIC SERVICE CO OF COLORADO 4.300% 03/15/2044 DD 03/10/14	1,350,000	1,580,133
	DUKE ENERGY CAROLINAS LLC 4.250% 12/15/2041 DD 12/08/11	1,363,366	1,577,961
	METLIFE INC 6.500% 12/15/2032 DD 12/10/02	1,211,584	1,571,626
	WALMART INC 4.050% 06/29/2048 DD 06/27/18	1,617,811	1,570,576
	SIMON PROPERTY GROUP LP 3.250% 09/13/2049 DD 09/13/19	1,603,576	1,566,594
	NORFOLK SOUTHERN CORP 4.150% 02/28/2048 DD 02/28/18	1,330,970	1,560,200

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		PRUDENTIAL FINANCIAL INC 4.600% 05/15/2044 DD 05/15/14	1,366,530	1,558,814
		FIRSTENERGY TRANSMISSION 144A 5.450% 07/15/2044 DD 05/19/14	1,599,967	1,558,187
		STRYKER CORP 4.375% 05/15/2044 DD 05/01/14	1,358,871	1,550,831
		ABU DHABI GOVERNMENT INTE 144A 3.125% 09/30/2049 DD 09/30/19	1,544,701	1,545,375
		VODAFONE GROUP PLC 5.250% 05/30/2048 DD 05/30/18	1,257,587	1,537,562
		SUNCOR ENERGY INC 5.950% 12/01/2034 DD 12/01/03	1,373,390	1,534,397
		ALTRIA GROUP INC 5.950% 02/14/2049 DD 02/14/19	1,438,601	1,533,775
		ABBVIE INC 4.500% 05/14/2035 DD 05/14/15	1,459,327	1,528,237
		KRAFT HEINZ FOODS CO 5.000% 07/15/2035 DD 07/15/16	1,361,924	1,527,694
		ABBVIE INC 144A 4.050% 11/21/2039 DD 11/21/19	1,444,882	1,524,037
		REYNOLDS AMERICAN INC 5.850% 08/15/2045 DD 06/12/15	1,488,133	1,509,212
		MCDONALD'S CORP 4.450% 03/01/2047 DD 03/09/17	1,526,127	1,506,618
		INTERNATIONAL BUSINESS MACHINE 4.150% 05/15/2039 DD 05/15/19	1,523,371	1,505,920
		TEXAS HEALTH RESOURCES 3.372% 11/15/2051 DD 09/18/19	1,540,000	1,501,793
		EQUINOR ASA 3.950% 05/15/2043 DD 05/15/13	1,340,637	1,501,760
		AMAZON.COM INC 4.050% 08/22/2047 DD 02/22/18	1,289,149	1,500,484
		INTERNATIONAL PAPER CO 4.800% 06/15/2044 DD 06/10/14	1,484,522	1,494,694
		AT&T INC 4.500% 03/09/2048 DD 09/07/16	1,334,280	1,490,375
		TRANSCANADA PIPELINES LTD 7.250% 08/15/2038 DD 08/11/08	1,164,277	1,482,109
		KREDITANSTALT FUER WIEDERAUFBA 1.625% 05/29/2020 DD 05/31/17	1,467,780	1,469,691
		COMCAST CORP 4.600% 08/15/2045 DD 05/27/15	1,416,329	1,466,830
		SUNCOR ENERGY INC 4.000% 11/15/2047 DD 11/15/17	1,461,669	1,462,704
		CITIGROUP INC 4.750% 05/18/2046 DD 05/18/16	1,206,909	1,459,279
		AMERICA MOVIL SAB DE CV 6.375% 03/01/2035 DD 02/25/05	972,558	1,457,374
		COMCAST CORP 7.050% 03/15/2033 DD 03/14/03	1,240,949	1,456,281
		ABBVIE INC 144A 4.250% 11/21/2049 DD 11/21/19	1,364,013	1,454,693
		WALMART INC 4.050% 06/29/2048 DD 06/27/18	1,209,063	1,452,042
		COMCAST CORP 4.700% 10/15/2048 DD 10/05/18	1,166,989	1,450,855
		UNILEVER CAPITAL CORP 1.800% 05/05/2020 DD 05/05/17	1,444,335	1,445,723
		NESTLE HOLDINGS INC 144A 3.900% 09/24/2038 DD 09/24/18	1,266,317	1,444,710
		UNITEDHEALTH GROUP INC 4.625% 07/15/2035 DD 07/23/15	1,179,858	1,433,370
		ANTHEM INC 4.650% 01/15/2043 DD 09/10/12	1,251,489	1,432,941
		TELEFONICA EMISIONES SA 5.213% 03/08/2047 DD 03/08/17	1,231,813	1,432,600
		TELEFONICA EMISIONES SA 4.665% 03/06/2038 DD 03/06/18	1,404,763	1,432,051
		NBCUNIVERSAL MEDIA LLC 4.450% 01/15/2043 DD 10/05/12	1,219,120	1,428,681
		CREDIT SUISSE GROUP FUNDING GU 4.875% 05/15/2045 DD 11/15/15	1,130,445	1,420,414
		ALABAMA POWER CO 4.300% 07/15/2048 DD 06/28/18	1,485,313	1,419,787
		ENI SPA 144A 5.700% 10/01/2040 DD 10/01/10	1,158,208	1,407,437
		KRAFT HEINZ FOODS CO 6.875% 01/26/2039 DD 07/26/12	1,446,480	1,405,620
		WACHOVIA CORP 5.500% 08/01/2035 DD 08/01/05	1,203,158	1,403,787
		TYSON FOODS INC 5.100% 09/28/2048 DD 09/28/18	1,356,558	1,397,668
		GOLDMAN SACHS GROUP INC/THE 6.750% 10/01/2037 DD 10/03/07	1,023,462	1,396,076
		BALTIMORE GAS & ELECTRIC CO 6.350% 10/01/2036 DD 04/01/07	1,232,000	1,392,590
		UNITEDHEALTH GROUP INC 4.200% 01/15/2047 DD 12/20/16	1,200,961	1,389,274
		VERIZON COMMUNICATIONS INC 4.500% 08/10/2033 DD 08/10/17	1,186,644	1,389,099
		HOME DEPOT INC/THE 5.875% 12/16/2036 DD 12/19/06	1,083,928	1,380,480
		SEMPRA ENERGY 3.800% 02/01/2038 DD 01/12/18	1,381,428	1,380,311
		BP CAPITAL MARKETS PLC 3.723% 11/28/2028 DD 11/28/16	1,265,000	1,379,622
		VODAFONE GROUP PLC 5.250% 05/30/2048 DD 05/30/18	1,355,611	1,375,397
		SHELL INTERNATIONAL FINANCE BV 4.375% 05/11/2045 DD 05/11/15	1,143,296	1,372,893
		BANK OF AMERICA CORP VAR RT 04/24/2038 DD 04/24/17	1,190,000	1,371,975
		WILLIAMS COS INC/THE 6.300% 04/15/2040 DD 02/09/10	1,360,028	1,368,503
		AMERICAN AIRLINES 2017-1 CLASS 3.650% 08/15/2030 DD 01/13/17	1,296,850	1,366,854
		GILEAD SCIENCES INC 4.500% 02/01/2045 DD 11/17/14	1,203,709	1,354,313
		KINDER MORGAN ENERGY PARTNERS 5.400% 09/01/2044 DD 09/11/14	1,204,587	1,353,906
		CITIGROUP INC 5.875% 01/30/2042 DD 01/26/12	1,090,238	1,351,450
*		BANK OF NEW YORK MELLON CORP/T VAR RT 02/07/2028 DD 02/07/17	1,270,000	1,347,610
		PHILIP MORRIS INTERNATIONAL IN 6.375% 05/16/2038 DD 05/16/08	1,045,697	1,347,294
		BECTON DICKINSON AND CO 4.669% 06/06/2047 DD 06/06/17	1,223,868	1,341,225
		ABBVIE INC 144A 4.250% 11/21/2049 DD 11/21/19	1,254,494	1,337,893
		CVS HEALTH CORP 4.780% 03/25/2038 DD 03/09/18	1,190,335	1,335,822
		KRAFT HEINZ FOODS CO 144A 4.875% 10/01/2049 DD 09/25/19	1,258,476	1,329,930
		COMCAST CORP 3.900% 03/01/2038 DD 02/08/18	1,156,850	1,329,588
		ENERGY TRANSFER OPERATING LP 6.250% 04/15/2049 DD 01/15/19	1,119,862	1,327,491
		AT&T INC 5.150% 03/15/2042 DD 03/15/16	1,174,324	1,326,236
		CONOCOPHILLIPS HOLDING CO 6.950% 04/15/2029 DD 04/20/99	1,293,201	1,325,932
		NOBLE ENERGY INC 5.050% 11/15/2044 DD 11/07/14	1,158,455	1,317,744
		ENCANA CORP 6.500% 02/01/2038 DD 12/04/07	1,271,000	1,317,350
		GEORGIA POWER CO 4.300% 03/15/2043 DD 03/15/13	1,152,421	1,317,113

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		GOLDMAN SACHS GROUP INC/THE VAR RT 05/01/2029 DD 04/23/18	1,159,631	1,312,070
		CIGNA CORP 144A 3.875% 10/15/2047 DD 04/15/19	1,244,684	1,311,427
		WESTERN MIDSTREAM OPERATING LP 5.300% 03/01/2048 DD 03/02/18	1,332,365	1,302,916
		NISOURCE INC 3.950% 03/30/2048 DD 09/14/17	1,233,666	1,302,443
		WALMART INC 3.950% 06/28/2038 DD 06/27/18	1,108,386	1,297,453
		AT&T INC 4.850% 07/15/2045 DD 01/15/19	1,134,206	1,296,352
		KINDER MORGAN ENERGY PARTNERS 5.800% 03/15/2035 DD 03/15/05	1,274,327	1,295,470
		DUPONT DE NEMOURS INC 5.319% 11/15/2038 DD 11/28/18	1,323,912	1,295,132
		US BANK NA/CINCINNATI OH VAR RT 10/23/2020 DD 10/24/17	1,290,000	1,290,542
		MORGAN STANLEY VAR RT 01/23/2030 DD 01/23/19	1,140,000	1,289,431
		PHILIP MORRIS INTERNATIONAL IN 3.875% 08/21/2042 DD 08/21/12	1,070,510	1,286,549
		UNION PACIFIC CORP 144A 3.839% 03/20/2060 DD 11/20/19	1,332,352	1,280,463
		KAISER FOUNDATION HOSPITALS 4.150% 05/01/2047 DD 05/03/17	1,382,185	1,279,186
		REYNOLDS AMERICAN INC 5.700% 08/15/2035 DD 06/12/15	1,160,720	1,278,915
		TEACHERS INSURANCE & ANNU 144A 4.270% 05/15/2047 DD 05/08/17	1,116,416	1,273,933
		LOCKHEED MARTIN CORP 4.700% 05/15/2046 DD 11/23/15	985,190	1,271,570
		ANHEUSER-BUSCH INBEV WORLDWIDE 4.600% 04/15/2048 DD 04/04/18	1,103,717	1,270,284
		DUKE ENERGY INDIANA LLC 3.250% 10/01/2049 DD 09/27/19	1,241,590	1,270,165
		CHARTER COMMUNICATIONS OPERATI 6.484% 10/23/2045 DD 10/23/16	1,253,411	1,264,525
		MCDONALD'S CORP 6.300% 10/15/2037 DD 10/18/07	1,287,622	1,263,182
		KINDER MORGAN INC/DE 5.050% 02/15/2046 DD 02/26/15	1,244,355	1,262,464
		GEORGIA POWER CO 4.300% 03/15/2043 DD 03/15/13	1,312,519	1,262,461
		ALABAMA POWER CO 4.300% 07/15/2048 DD 06/28/18	1,175,475	1,257,526
		GLAXOSMITHKLINE CAPITAL INC 6.375% 05/15/2038 DD 05/13/08	1,094,444	1,256,456
		SIEMENS FINANCIERINGSMAAT 144A 4.400% 05/27/2045 DD 05/27/15	1,060,208	1,253,868
		ABBVIE INC 144A 4.050% 11/21/2039 DD 11/21/19	1,185,799	1,250,761
		BOEING CO/THE 3.500% 03/01/2039 DD 02/15/19	1,266,856	1,249,373
		NORFOLK SOUTHERN CORP 4.150% 02/28/2048 DD 02/28/18	1,281,236	1,249,291
		AUTOZONE INC 3.750% 06/01/2027 DD 04/18/17	1,164,942	1,243,579
		INTERNATIONAL PAPER CO 4.400% 08/15/2047 DD 08/11/16	1,212,259	1,242,418
		LOCKHEED MARTIN CORP 3.600% 03/01/2035 DD 02/20/15	1,150,345	1,241,157
		JM SMUCKER CO/THE 4.250% 03/15/2035 DD 09/15/15	1,135,748	1,234,666
		GLENORE FINANCE CANADA L 144A 6.900% 11/15/2037 DD 11/20/07	1,140,516	1,234,118
		ECOPETROL SA 5.875% 05/28/2045 DD 05/28/14	988,248	1,231,794
		AON PLC 4.600% 06/14/2044 DD 05/28/14	1,056,245	1,222,935
		ENTERPRISE PRODUCTS OPERATING 5.100% 02/15/2045 DD 02/12/14	1,086,241	1,216,863
		DTE ELECTRIC CO 4.300% 07/01/2044 DD 07/02/14	1,061,671	1,216,488
		DEUTSCHE TELEKOM INTERNATIONAL VAR RT 06/15/2030 DD 07/06/00	1,119,059	1,215,390
		HESS CORP 5.600% 02/15/2041 DD 08/10/10	1,129,490	1,212,109
		TRANSCANADA PIPELINES LTD 4.875% 05/15/2048 DD 05/07/18	1,011,401	1,206,548
		NBCUNIVERSAL MEDIA LLC 5.950% 04/01/2041 DD 04/01/11	872,559	1,204,018
		INGERSOLL-RAND LUXEMBOURG FINA 4.500% 03/21/2049 DD 03/21/19	1,253,029	1,203,525
		BOSTON SCIENTIFIC CORP 4.550% 03/01/2039 DD 02/25/19	1,014,288	1,199,948
		AMERICAN WATER CAPITAL CORP 3.750% 09/01/2047 DD 08/10/17	1,226,675	1,191,398
		APPLE INC 4.375% 05/13/2045 DD 05/13/15	976,423	1,190,034
		ISRAEL GOVERNMENT INTERNATIONA 4.125% 01/17/2048 DD 01/17/18	1,027,740	1,189,815
		OCCIDENTAL PETROLEUM CORP 6.200% 03/15/2040 DD 09/15/19	1,256,528	1,189,683
		DOMINION ENERGY INC 4.600% 03/15/2049 DD 03/13/19	1,200,473	1,185,740
		BERKSHIRE HATHAWAY FINANCE COR 4.200% 08/15/2048 DD 08/15/18	994,930	1,183,980
		PANAMA GOVERNMENT INTERNATIONA 4.300% 04/29/2053 DD 04/29/13	1,002,414	1,179,938
		MORGAN STANLEY 6.375% 07/24/2042 DD 07/24/12	825,867	1,179,400
		AMAZON.COM INC 4.950% 12/05/2044 DD 12/05/14	909,089	1,179,378
		ASTRAZENECA PLC 4.375% 11/16/2045 DD 11/16/15	1,200,950	1,177,872
		MORGAN STANLEY 4.300% 01/27/2045 DD 01/27/15	1,158,891	1,176,320
		BRISTOL-MYERS SQUIBB CO 144A 4.250% 10/26/2049 DD 05/16/19	981,664	1,175,407
		ALLERGAN FUNDING SCS 4.550% 03/15/2035 DD 03/12/15	1,061,113	1,175,212
		BURLINGTON NORTHERN SANTA FE L 4.050% 06/15/2048 DD 03/05/18	1,032,361	1,173,845
		ENTERPRISE PRODUCTS OPERATING 4.900% 05/15/2046 DD 05/07/15	1,042,180	1,172,900
		INTEL CORP 3.734% 12/08/2047 DD 06/08/18	1,201,511	1,172,544
		MCDONALD'S CORP 4.600% 05/26/2045 DD 05/26/15	1,052,460	1,168,025
		VERIZON COMMUNICATIONS INC 5.250% 03/16/2037 DD 03/16/17	1,132,966	1,168,015
		TENCENT HOLDINGS LTD 144A 3.975% 04/11/2029 DD 04/11/19	1,097,610	1,166,357
		ATMOS ENERGY CORP 4.125% 10/15/2044 DD 10/15/14	1,033,054	1,166,300
		MEXICO GOVERNMENT INTERNATIONA 4.600% 01/23/2046 DD 01/23/15	1,029,410	1,160,950
		FIRSTENERGY CORP 4.850% 07/15/2047 DD 06/21/17	1,186,799	1,159,889
		FEDEX CORP 4.550% 04/01/2046 DD 03/24/16	1,194,749	1,159,255
		BOSTON SCIENTIFIC CORP 4.550% 03/01/2039 DD 02/25/19	1,163,475	1,158,774
		ANTHEM INC 4.650% 08/15/2044 DD 08/12/14	1,062,799	1,156,221
		APACHE CORP 5.100% 09/01/2040 DD 08/20/10	1,122,924	1,155,589

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*		DEVON ENERGY CORP 4.750% 05/15/2042 DD 05/14/12	1,012,202	1,155,567
		BOEING CO/THE 3.750% 02/01/2050 DD 07/31/19	1,075,832	1,153,919
		ASTRAZENCA PLC 4.000% 09/18/2042 DD 09/18/12	1,028,360	1,153,226
		ANHEUSER-BUSCH COS LLC / ANHEU 4.900% 02/01/2046 DD 02/01/19	1,012,018	1,150,536
		BANK OF NEW YORK MELLON CORP/T 3.400% 01/29/2028 DD 01/29/18	1,074,463	1,147,079
		CSX CORP 4.750% 11/15/2048 DD 11/15/18	957,766	1,146,786
		KEURIG DR PEPPER INC 4.985% 05/25/2038 DD 05/25/19	1,134,250	1,145,434
		DISCOVERY COMMUNICATIONS LLC 4.875% 04/01/2043 DD 03/19/13	972,487	1,143,439
		STARBUCKS CORP 4.450% 08/15/2049 DD 05/13/19	983,266	1,142,590
		HSBC USA INC 2.750% 08/07/2020 DD 08/07/15	1,160,564	1,139,892
		CISCO SYSTEMS INC 5.500% 01/15/2040 DD 11/17/09	915,959	1,134,012
		GREAT-WEST LIFECO FINANCE 144A 4.150% 06/03/2047 DD 05/26/17	1,026,906	1,133,242
		AMERICAN INTERNATIONAL GROUP I 4.500% 07/16/2044 DD 07/16/14	941,728	1,130,459
		ENEL FINANCE INTERNATIONAL 144A 4.875% 06/14/2029 DD 09/14/18	1,121,200	1,129,150
		UNITEDHEALTH GROUP INC 5.800% 03/15/2036 DD 03/02/06	869,800	1,128,792
		PETROLEO BRASILEIRO SA	901,551	1,128,440
		DUKE ENERGY CORP 3.750% 09/01/2046 DD 08/12/16	1,132,218	1,127,551
		SYNGENTA FINANCE NV 144A 5.676% 04/24/2048 DD 04/24/18	1,134,234	1,126,008
		INTEL CORP 3.734% 12/08/2047 DD 06/08/18	1,053,232	1,125,202
		TIME WARNER CABLE LLC 6.550% 05/01/2037 DD 04/09/07	1,098,046	1,122,467
		SYSCO CORP 4.450% 03/15/2048 DD 03/19/18	978,873	1,121,885
		UNITED PARCEL SERVICE INC 3.750% 11/15/2047 DD 11/14/17	1,032,402	1,115,388
		NORTHERN NATURAL GAS CO 144A 4.100% 09/15/2042 DD 08/27/12	954,015	1,113,711
		COX COMMUNICATIONS INC 144A 8.375% 03/01/2039 DD 02/20/09	1,100,827	1,112,856
		TRANSCANADA PIPELINES LTD 6.200% 10/15/2037 DD 10/05/07	1,110,415	1,109,182
		DOMINION ENERGY INC 6.300% 03/15/2033 DD 03/06/03	1,019,975	1,108,171
		ERP OPERATING LP 2.500% 02/15/2030 DD 08/27/19	1,109,403	1,107,128
		RAYTHEON CO 4.200% 12/15/2044 DD 12/02/14	1,141,086	1,106,893
		CONOCO FUNDING CO 7.250% 10/15/2031 DD 10/11/01	946,469	1,106,863
		HSBC HOLDINGS PLC 7.625% 05/17/2032 DD 05/17/05	1,019,222	1,106,847
		HSBC HOLDINGS PLC 6.500% 09/15/2037 DD 09/12/07	1,079,936	1,106,032
		VODAFONE GROUP PLC 5.250% 05/30/2048 DD 05/30/18	912,714	1,105,122
		ANTHEM INC 4.375% 12/01/2047 DD 11/21/17	994,990	1,098,599
		NESTLE HOLDINGS INC 144A 3.900% 09/24/2038 DD 09/24/18	1,124,716	1,094,820
		AMAZON.COM INC 3.875% 08/22/2037 DD 02/22/18	1,109,040	1,091,126
		ZOETIS INC 3.950% 09/12/2047 DD 09/12/17	911,950	1,089,490
		WELLS FARGO & CO 4.400% 06/14/2046 DD 06/14/16	907,594	1,089,292
		BURLINGTON NORTHERN SANTA FE L 5.400% 06/01/2041 DD 05/19/11	914,016	1,088,229
		CIGNA CORP 4.900% 12/15/2048 DD 06/15/19	970,475	1,086,995
		AMERICAN INTERNATIONAL GROUP I 4.500% 07/16/2044 DD 07/16/14	1,062,396	1,084,318
		FOX CORP 144A 5.476% 01/25/2039 DD 01/25/19	885,000	1,082,877
		ENTERPRISE PRODUCTS OPERATING 7.550% 04/15/2038 DD 10/15/09	851,767	1,080,868
		VIACOMCBS INC 5.850% 09/01/2043 DD 08/19/13	871,187	1,077,503
		WELLS FARGO & CO VAR RT 10/30/2030 DD 10/31/19	1,067,785	1,077,437
		CLECO CORPORATE HOLDINGS LLC VAR RT 05/01/2046 DD 11/01/16	1,105,422	1,076,477
		INGERSOLL-RAND LUXEMBOURG FINA 3.550% 11/01/2024 DD 10/28/14	1,012,197	1,070,561
		WALMART INC 5.250% 09/01/2035 DD 08/31/05	965,993	1,069,365
		WALMART INC 3.950% 06/28/2038 DD 06/27/18	1,089,758	1,065,765
		NESTLE HOLDINGS INC 144A 4.000% 09/24/2048 DD 09/24/18	892,846	1,063,828
		HALLIBURTON CO 4.500% 11/15/2041 DD 11/14/11	1,032,980	1,062,660
		WELLS FARGO & CO VAR RT 10/30/2030 DD 10/31/19	1,055,000	1,062,332
		LOWE'S COS INC 4.550% 04/05/2049 DD 04/05/19	1,025,112	1,050,805
		NORTHWELL HEALTHCARE INC 6.150% 11/01/2043 DD 09/17/13	977,631	1,048,799
		MPLX LP 5.200% 03/01/2047 DD 02/10/17	972,259	1,048,774
		HOME DEPOT INC/THE 5.950% 04/01/2041 DD 03/31/11	865,752	1,045,650
		METLIFE INC 4.050% 03/01/2045 DD 03/05/15	1,022,328	1,044,873
		ABBVIE INC 4.450% 05/14/2046 DD 05/12/16	982,456	1,044,313
		DUPONT DE NEMOURS INC 4.205% 11/15/2023 DD 11/28/18	1,047,936	1,043,201
		AUSTRALIA & NEW ZEALAND B 144A VAR RT 11/09/2020 DD 11/09/17	1,040,000	1,041,373
		US BANK NA/CINCINNATI OH VAR RT 07/24/2020 DD 07/24/18	1,040,000	1,040,998
		BERKSHIRE HATHAWAY ENERGY CO 5.950% 05/15/2037 DD 05/11/07	965,295	1,040,717
		AMERICAN FINANCIAL GROUP INC/O 4.500% 06/15/2047 DD 06/02/17	982,790	1,038,989
		PERUVIAN GOVERNMENT INTERNATIO 5.625% 11/18/2050 DD 11/18/10	871,864	1,037,495
		THERMO FISHER SCIENTIFIC INC 4.100% 08/15/2047 DD 08/14/17	904,249	1,037,491
		COMCAST CORP 4.500% 01/15/2043 DD 01/14/13	886,010	1,033,859
		MARATHON PETROLEUM CORP 4.750% 09/15/2044 DD 09/05/14	872,461	1,033,417
		INTERNATIONAL BUSINESS MACHINE 4.250% 05/15/2049 DD 05/15/19	1,038,546	1,030,014
		BRISTOL-MYERS SQUIBB CO 144A 3.450% 11/15/2027 DD 11/15/19	1,038,250	1,027,459
		VISA INC 4.300% 12/14/2045 DD 12/14/15	837,167	1,026,474

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	ROYAL BANK OF SCOTLAND GROUP P VAR RT	11/01/2029 DD 11/01/19	1,007,480	1,026,437
	TRUIST FINANCIAL CORP VAR RT	02/01/2021 DD 10/26/17	1,020,000	1,019,847
	BAYER US FINANCE II LLC 144A 4.700%	07/15/2064 DD 07/15/18	1,035,573	1,018,349
	PLAINS ALL AMERICAN PIPELINE L 4.900%	02/15/2045 DD 12/09/14	991,924	1,016,471
	UNION ELECTRIC CO 4.000%	04/01/2048 DD 04/06/18	911,038	1,015,540
	SOUTHERN COPPER CORP 5.875%	04/23/2045 DD 04/23/15	982,126	1,015,432
	BURLINGTON NORTHERN SANTA FE L 5.150%	09/01/2043 DD 08/22/13	834,782	1,014,913
	AON PLC 4.750%	05/15/2045 DD 05/20/15	1,027,035	1,014,293
	SHIRE ACQUISITIONS INVESTMENTS 2.875%	09/23/2023 DD 09/23/16	1,012,742	1,013,925
	NORTHWESTERN MUTUAL LIFE 144A 3.850%	09/30/2047 DD 09/26/17	957,955	1,011,898
	ROYAL BANK OF CANADA VAR RT	10/26/2020 DD 10/26/17	1,005,000	1,006,266
	DUKE ENERGY INDIANA LLC 3.250%	10/01/2049 DD 09/27/19	1,003,425	1,005,131
	VIRGINIA ELECTRIC & POWER CO 4.450%	02/15/2044 DD 02/07/14	1,046,633	1,004,992
	BURLINGTON NORTHERN SANTA FE L 4.150%	04/01/2045 DD 03/09/15	882,106	1,004,829
	WELLS FARGO BANK NA VAR RT	07/23/2021 DD 07/23/18	999,017	1,002,791
	NSTAR ELECTRIC CO 4.400%	03/01/2044 DD 03/07/14	859,023	1,002,483
	IRAQ GOVERNMENT AID BOND 2.149%	01/18/2022 DD 01/18/17	997,663	998,643
	EVERGY METRO INC 4.200%	03/15/2048 DD 03/01/18	1,035,049	997,907
	BANK OF AMERICA CORP VAR RT	12/20/2028 DD 12/20/17	902,461	997,633
	HSBC HOLDINGS PLC VAR RT	06/19/2029 DD 06/19/18	875,048	995,234
	NORFOLK SOUTHERN CORP 4.150%	02/28/2048 DD 02/28/18	875,961	994,910
	ENTERGY LOUISIANA LLC 3.050%	06/01/2031 DD 05/19/16	963,239	989,772
	DUKE ENERGY OHIO INC 3.700%	06/15/2046 DD 06/23/16	1,024,572	987,595
	UKRAINE GOVERNMENT AID BONDS 1.471%	09/29/2021 DD 09/29/16	972,725	986,109
	MARSH & MCLENNAN COS INC 4.750%	03/15/2039 DD 01/15/19	1,002,018	985,417
	VODAFONE GROUP PLC 7.875%	02/15/2030 DD 08/15/00	892,608	984,053
	MCDONALD'S CORP 4.875%	12/09/2045 DD 12/09/15	916,908	982,572
	BANK OF AMERICA CORP VAR RT	10/22/2030 DD 10/22/19	970,000	978,526
	3M CO 3.250%	08/26/2049 DD 08/26/19	981,785	978,237
	FIFTH THIRD BANCORP 8.250%	03/01/2038 DD 03/04/08	816,172	977,946
	NOBLE ENERGY INC 5.250%	11/15/2043 DD 11/08/13	932,295	975,783
	ONE GAS INC 4.658%	02/01/2044 DD 08/01/14	819,992	975,456
	MYLAN NV 5.250%	06/15/2046 DD 12/15/16	918,398	972,917
	ANHEUSER-BUSCH INBEV WORLDWIDE 4.375%	04/15/2038 DD 04/04/18	868,062	971,724
	MASSACHUSETTS MUTUAL LIFE 144A 3.729%	10/15/2070 DD 10/11/19	945,336	970,928
	SOUTHWESTERN PUBLIC SERVICE CO 4.400%	11/15/2048 DD 11/05/18	814,711	970,035
	MORGAN STANLEY VAR RT	01/24/2029 DD 01/23/18	900,000	968,805
	SEMPRA ENERGY 4.000%	02/01/2048 DD 01/12/18	902,684	961,766
	MARKEL CORP 5.000%	04/05/2046 DD 04/05/16	826,291	958,271
	ALCON FINANCE CORP 144A 3.800%	09/23/2049 DD 09/23/19	924,191	954,818
	DARDEN RESTAURANTS INC 4.550%	02/15/2048 DD 02/22/18	930,652	953,931
	ENBRIDGE INC 4.500%	06/10/2044 DD 06/04/14	837,043	953,818
	HOME DEPOT INC/THE 4.200%	04/01/2043 DD 04/05/13	968,084	951,717
	ALLERGAN FUNDING SCS 3.450%	03/15/2022 DD 03/12/15	951,046	951,362
	BAE SYSTEMS PLC 144A 5.800%	10/11/2041 DD 10/11/11	731,171	950,259
	TELEFONICA EMISIONES SA 7.045%	06/20/2036 DD 06/20/06	799,141	944,825
	TENCENT HOLDINGS LTD 144A 3.925%	01/19/2038	977,716	944,768
	VERIZON COMMUNICATIONS INC 5.500%	03/16/2047 DD 03/16/17	828,878	943,727
	ALIBABA GROUP HOLDING LTD 4.000%	12/06/2037 DD 12/06/17	968,783	941,978
	AMAZON.COM INC 4.050%	08/22/2047 DD 02/22/18	794,088	941,480
	MASTERCARD INC 3.650%	06/01/2049 DD 05/31/19	843,775	938,694
	GOLDMAN SACHS GROUP INC/THE VAR RT	10/31/2038 DD 10/31/17	860,000	934,631
	HCA INC 5.250%	06/15/2049 DD 06/12/19	822,709	933,472
	PHILIP MORRIS INTERNATIONAL IN 6.375%	05/16/2038 DD 05/16/08	868,184	932,742
	SOUTHERN COPPER CORP 5.250%	11/08/2042 DD 11/08/12	795,825	932,302
	PNC FINANCIAL SERVICES GROUP I 2.600%	07/23/2026 DD 07/23/19	918,243	931,739
	EDISON INTERNATIONAL 4.125%	03/15/2028 DD 03/13/18	937,745	928,639
	TELEFONICA EMISIONES SA 4.895%	03/06/2048 DD 03/06/18	810,000	927,482
	MARSH & MCLENNAN COS INC 4.900%	03/15/2049 DD 01/15/19	922,731	927,122
	FISERV INC 4.400%	07/01/2049 DD 06/24/19	925,688	925,253
	KRAFT HEINZ FOODS CO 6.500%	02/09/2040 DD 08/09/12	951,988	923,778
	SOUTHWESTERN PUBLIC SERVICE CO 4.400%	11/15/2048 DD 11/05/18	791,147	922,717
	MONONGAHELA POWER CO 144A 4.100%	04/15/2024 DD 11/27/13	899,277	921,413
	SEMPRA ENERGY 3.800%	02/01/2038 DD 01/12/18	855,344	919,162
	DOMINION ENERGY INC 5.950%	06/15/2035 DD 06/20/05	641,710	916,229
	DISCOVERY COMMUNICATIONS LLC 5.000%	09/20/2037 DD 09/21/17	882,677	915,454
	LOWE'S COS INC 4.375%	09/15/2045 DD 09/16/15	830,861	915,325
	ISRAEL GOVERNMENT INTERNATIONAL 4.125%	01/17/2048	782,874	912,576
	UNITED TECHNOLOGIES CORP 4.500%	06/01/2042 DD 06/01/12	786,369	911,179

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(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(d) Cost	(e) Current value
		DOMINION ENERGY SOUTH CAROLINA 5.100% 06/01/2065 DD 05/22/15	930,867	910,560
		DUKE ENERGY CAROLINAS LLC 3.950% 03/15/2048 DD 03/01/18	924,048	909,492
		AMERICAN EXPRESS CO 3.700% 08/03/2023 DD 08/03/18	909,807	909,461
		NOBLE ENERGY INC 5.050% 11/15/2044 DD 11/07/14	841,267	906,296
		CITIGROUP INC 4.750% 05/18/2046 DD 05/18/16	878,594	903,078
		PRUDENTIAL FINANCIAL INC 3.700% 03/13/2051 DD 09/13/19	856,373	899,999
		DEVON ENERGY CORP 5.600% 07/15/2041 DD 07/12/11	900,673	899,921
		AT&T INC 5.350% 09/01/2040 DD 03/01/11	792,488	893,158
		AMERICAN INTERNATIONAL GROUP I 4.750% 04/01/2048 DD 03/26/18	735,656	892,307
		GILEAD SCIENCES INC 4.000% 09/01/2036 DD 09/20/16	800,412	891,296
		FORD MOTOR CO 5.291% 12/08/2046 DD 12/08/16	875,814	890,952
		CVS HEALTH CORP 5.125% 07/20/2045 DD 07/20/15	786,860	889,740
		MICROSOFT CORP 4.000% 02/12/2055 DD 02/12/15	738,075	889,320
		CHARTER COMMUNICATIONS OPERATI 5.125% 07/01/2049 DD 07/10/19	820,552	887,005
		PHILIP MORRIS INTERNATIONAL IN 4.250% 11/10/2044 DD 11/10/14	778,168	884,576
		FLORIDA POWER & LIGHT CO 3.950% 03/01/2048 DD 02/28/18	770,815	884,461
		PPL ELECTRIC UTILITIES CORP 3.950% 06/01/2047 DD 05/11/17	786,971	884,135
		SUNCOR ENERGY INC 6.800% 05/15/2038 DD 05/15/08	883,537	883,295
		ALLERGAN FUNDING SCS 3.800% 03/15/2025 DD 03/12/15	880,648	882,764
		TYSON FOODS INC 5.100% 09/28/2048 DD 09/28/18	858,774	881,412
		PUBLIC SERVICE CO OF COLORADO 3.600% 09/15/2042 DD 09/11/12	897,164	877,592
		EQM MIDSTREAM PARTNERS LP 6.500% 07/15/2048 DD 06/25/18	960,426	876,937
		BOSTON SCIENTIFIC CORP 4.700% 03/01/2049 DD 02/25/19	754,521	876,190
		DOMINION ENERGY GAS HOLDINGS L 4.800% 11/01/2043 DD 05/01/14	839,444	874,808
		KRAFT HEINZ FOODS CO 5.000% 07/15/2035 DD 07/15/16	819,208	872,174
		PROVINCE OF ONTARIO CANADA 2.550% 02/12/2021 DD 02/12/18	858,865	867,147
		APACHE CORP 4.250% 01/15/2044 DD 12/03/12	814,832	866,943
		SIMON PROPERTY GROUP LP 3.250% 09/13/2049 DD 09/13/19	886,449	866,006
		UNION PACIFIC CORP 3.875% 02/01/2055 DD 01/29/15	708,254	865,046
		CONSUMERS ENERGY CO 3.100% 08/15/2050 DD 09/03/19	858,867	863,478
		HSBC HOLDINGS PLC VAR RT 06/19/2029 DD 06/19/18	770,000	861,045
		MPLX LP 4.700% 04/15/2048 DD 02/08/18	863,013	861,004
		HUNTSMAN INTERNATIONAL LLC 4.500% 05/01/2029 DD 03/13/19	800,847	860,811
		HOME DEPOT INC/THE 4.500% 12/06/2048 DD 12/06/18	683,199	858,554
		BNP PARIBAS SA 5.000% 01/15/2021 DD 01/18/11	861,864	856,328
		BELL CANADA INC 4.300% 07/29/2049 DD 05/13/19	753,505	855,249
		COMMONWEALTH EDISON CO 3.650% 06/15/2046 DD 06/27/16	888,720	855,023
		MCDONALD'S CORP 4.700% 12/09/2035 DD 12/09/15	717,689	853,949
		UNITEDHEALTH GROUP INC 4.625% 11/15/2041 DD 11/10/11	763,191	852,902
		MORGAN STANLEY 3.125% 07/27/2026 DD 07/25/16	819,390	851,846
		DUKE ENERGY INDIANA LLC 4.900% 07/15/2043 DD 07/11/13	686,874	851,267
		THERMO FISHER SCIENTIFIC INC 2.600% 10/01/2029 DD 10/08/19	858,805	850,746
		PRECISION CASTPARTS CORP 4.375% 06/15/2045 DD 06/10/15	732,560	850,086
		SHERWIN-WILLIAMS CO/THE 4.500% 06/01/2047 DD 05/16/17	827,989	841,143
		DUKE ENERGY FLORIDA LLC 6.350% 09/15/2037 DD 09/18/07	762,552	840,636
		NATIONAL RURAL UTILITIES COOPE 4.300% 03/15/2049 DD 01/31/19	855,538	838,316
		GLAXOSMITHKLINE CAPITAL PLC 2.875% 06/01/2022 DD 03/25/19	819,360	837,901
		COMCAST CORP 3.999% 11/01/2049 DD 10/19/17	772,134	835,032
		ORACLE CORP 4.000% 11/15/2047 DD 11/09/17	741,506	833,484
		CONOCOPHILLIPS 5.900% 05/15/2038 DD 05/08/08	837,941	831,595
		BANK OF NOVA SCOTIA/THE VAR RT 07/14/2020 DD 07/14/17	830,000	831,552
		MEDTRONIC INC 4.375% 03/15/2035 DD 03/15/15	695,801	831,224
		MORGAN STANLEY 4.300% 01/27/2045 DD 01/27/15	676,310	829,306
		PNC BANK NA 2.700% 10/22/2029 DD 10/22/19	826,539	828,979
		AMERICAN INTERNATIONAL GROUP I 4.800% 07/10/2045 DD 07/10/15	684,901	828,124
		FOX CORP 144A 5.576% 01/25/2049 DD 01/25/19	650,000	828,094
		FOX CORP 144A 5.476% 01/25/2039 DD 01/25/19	839,884	825,923
		WELLS FARGO & CO VAR RT 10/30/2030 DD 10/31/19	820,000	825,699
		MPLX LP 144A 5.200% 12/01/2047 DD 06/01/19	830,681	825,336
		VODAFONE GROUP PLC 4.250% 09/17/2050 DD 09/17/19	827,027	824,602
		CONSOLIDATED EDISON CO OF NEW 5.850% 03/15/2036 DD 03/09/06	598,172	822,554
		ENTERPRISE PRODUCTS OPERATING 5.100% 02/15/2045 DD 02/12/14	683,938	821,233
		TRANSCANADA PIPELINES LTD 6.100% 06/01/2040 DD 06/01/10	744,533	820,861
		MPLX LP 144A 5.200% 12/01/2047 DD 06/01/19	745,854	820,012
		VISA INC 4.150% 12/14/2035 DD 12/14/15	841,271	819,822
		MOSAIC CO/THE 5.450% 11/15/2033 DD 11/13/13	759,988	817,337
		UNITED TECHNOLOGIES CORP 6.050% 06/01/2036 DD 05/26/06	737,994	817,236
		EXELON GENERATION CO LLC 5.750% 10/01/2041 DD 09/30/10	730,458	816,649
		CONSOLIDATED EDISON CO OF NEW 3.700% 11/15/2059 DD 11/08/19	782,977	816,370

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	ONCOR ELECTRIC DELIVERY CO LLC	3.750% 04/01/2045 DD 10/01/15	844,449	815,528
	JPMORGAN CHASE BANK NA	VAR RT 04/26/2021 DD 04/26/18	809,927	812,778
	FIRSTENERGY CORP	7.375% 11/15/2031 DD 11/15/01	762,979	811,958
	BANK OF MONTREAL	VAR RT 07/13/2020 DD 07/13/18	810,000	811,126
	FLUOR CORP	4.250% 09/15/2028 DD 08/29/18	803,285	810,683
	EXELON CORP	4.950% 06/15/2035 DD 12/15/15	717,731	810,439
	WILLIAMS COS INC/THE	4.900% 01/15/2045 DD 06/27/14	741,544	809,798
	CSX CORP	4.500% 03/15/2049 DD 02/28/19	687,620	808,708
	JPMORGAN CHASE & CO	VAR RT 01/23/2029 DD 01/23/18	755,000	802,505
	AT&T INC	5.150% 02/15/2050 DD 08/14/18	663,530	802,362
	CONSUMERS ENERGY CO	4.050% 05/15/2048 DD 05/14/18	687,848	802,002
	NEXTERA ENERGY CAPITAL HOLDING	3.300% 08/15/2022 DD 03/06/19	797,866	800,467
	GOLDMAN SACHS GROUP INC/THE	VAR RT 04/23/2029 DD 01/23/18	745,000	799,296
	SES GLOBAL AMERICAS HOLDI	144A 5.300% 03/25/2044 DD 03/25/14	764,939	799,229
	AMAZON.COM INC	4.250% 08/22/2057 DD 02/22/18	649,642	799,048
	BHP BILLITON FINANCE USA	144A VAR RT 10/19/2075 DD 10/19/15	799,530	798,436
	COX COMMUNICATIONS INC	144A 4.500% 06/30/2043 DD 05/01/13	813,325	796,878
	ENCANA CORP	6.625% 08/15/2037 DD 08/13/07	756,970	793,526
	DOW CHEMICAL CO/THE	4.375% 11/15/2042 DD 11/14/12	774,010	792,582
	MEXICO GOVERNMENT INTERNATIONA	4.350% 01/15/2047 DD 08/11/16	701,175	791,250
	LOCKHEED MARTIN CORP	3.800% 03/01/2045 DD 02/20/15	637,708	788,625
	STRYKER CORP	4.100% 04/01/2043 DD 03/25/13	709,781	784,332
	BANK OF NOVA SCOTIA/THE	VAR RT 04/20/2021 DD 04/20/18	780,000	782,590
	BHP BILLITON FINANCE USA LTD	5.000% 09/30/2043 DD 09/30/13	802,421	781,227
	DOW CHEMICAL CO/THE	4.800% 05/15/2049 DD 11/15/19	667,750	780,860
	ROGERS COMMUNICATIONS INC	4.300% 02/15/2048 DD 02/08/18	695,786	779,961
	VISA INC	4.150% 12/14/2035 DD 12/14/15	659,109	778,536
	LOWE'S COS INC	4.050% 05/03/2047 DD 05/03/17	674,769	777,845
	PUBLIC SERVICE ENTERPRISE GROU	2.650% 11/15/2022 DD 11/06/17	764,028	776,544
	NEW YORK AND PRESBYTERIAN HOSP	4.024% 08/01/2045 DD 02/05/15	688,185	776,127
	NESTLE HOLDINGS INC	144A 4.000% 09/24/2048 DD 09/24/18	786,119	775,830
	METLIFE INC	5.700% 06/15/2035 DD 06/23/05	776,144	773,024
	DEUTSCHE TELEKOM INTERNAT	144A 4.750% 06/21/2038 DD 06/21/18	669,612	771,939
	NIKE INC	3.375% 11/01/2046 DD 10/21/16	784,924	771,457
	CISCO SYSTEMS INC	1.850% 09/20/2021 DD 09/20/16	751,197	770,531
	KINDER MORGAN INC/DE	5.300% 12/01/2034 DD 11/26/14	674,278	765,778
	TRANSCONTINENTAL GAS PIPE LINE	7.850% 02/01/2026 DD 08/01/16	694,486	762,576
	SHELL INTERNATIONAL FINANCE BV	1.875% 05/10/2021 DD 05/10/16	748,570	760,889
	JOHN DEERE CAPITAL CORP	VAR RT 10/09/2020 DD 10/12/18	760,000	760,334
	AETNA INC	4.750% 03/15/2044 DD 03/07/14	678,368	759,614
	AMERICAN TOWER CORP	3.125% 01/15/2027 DD 09/30/16	739,504	757,494
	SVENSKA HANDELSBANKEN AB	VAR RT 09/08/2020 DD 09/08/17	755,000	756,185
	CITIGROUP INC	VAR RT 01/24/2039 DD 01/24/18	768,218	755,936
	VALERO ENERGY CORP	6.625% 06/15/2037 DD 06/08/07	746,432	754,207
	NARRAGANSETT ELECTRIC CO/	144A 5.638% 03/15/2040 DD 03/22/10	600,000	753,528
	VIRGINIA ELECTRIC & POWER CO	3.800% 09/15/2047 DD 09/13/17	773,820	752,344
	PANAMA GOVERNMENT INTERNATIONA	3.160% 01/23/2030	754,060	751,900
	BAXALTA INC	5.250% 06/23/2045 DD 12/23/15	623,766	751,688
	APPLE INC	2.500% 02/09/2022 DD 02/09/17	734,199	746,091
	CITIBANK NA	VAR RT 05/01/2020 DD 05/01/18	745,000	745,492
	BAT CAPITAL CORP	4.540% 08/15/2047 DD 08/15/18	711,902	744,233
	OCCIDENTAL PETROLEUM CORP	4.500% 07/15/2044 DD 07/15/19	750,758	742,571
	WALT DISNEY CO/THE	4.750% 11/15/2046 DD 11/15/19	668,479	740,695
	CONSOLIDATED EDISON CO OF NEW	5.700% 06/15/2040 DD 06/07/10	669,632	737,520
	QUALCOMM INC	4.650% 05/20/2035 DD 05/20/15	702,249	737,099
	URUGUAY GOVERNMENT INTERNATION	4.975% 04/20/2055	725,406	736,438
	VODAFONE GROUP PLC	4.250% 09/17/2050 DD 09/17/19	708,583	735,879
	VERIZON COMMUNICATIONS INC	5.012% 08/21/2054 DD 02/21/15	693,935	735,294
	DUPONT DE NEMOURS INC	5.319% 11/15/2038 DD 11/28/18	644,157	734,107
	PETROLEOS MEXICANOS	6.350% 02/12/2048 DD 08/12/18	726,750	733,400
	ROGERS COMMUNICATIONS INC	4.350% 05/01/2049 DD 04/30/19	759,504	733,331
	NORTHROP GRUMMAN CORP	4.030% 10/15/2047 DD 10/13/17	745,157	731,694
	UNITEDHEALTH GROUP INC	4.450% 12/15/2048 DD 12/17/18	607,499	729,615
	GENERAL ELECTRIC CO	4.125% 10/09/2042 DD 10/09/12	717,743	726,275
	BANK OF AMERICA CORP	7.750% 05/14/2038 DD 05/14/08	709,288	725,149
	BAKER HUGHES A GE CO LLC	5.125% 09/15/2040 DD 08/24/10	726,030	724,611
	SUNOCO LOGISTICS PARTNERS OPER	5.300% 04/01/2044 DD 04/03/14	678,885	723,744
	GOLDMAN SACHS GROUP INC/THE	VAR RT 06/05/2028 DD 06/05/17	680,000	723,513
	SOUTHERN NATURAL GAS CO L	144A 4.800% 03/15/2047 DD 03/14/17	633,197	721,449

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		BOSTON PROPERTIES LP 2.900% 03/15/2030 DD 09/03/19	719,669	718,841
		TCI COMMUNICATIONS INC 7.125% 02/15/2028 DD 02/24/98	480,123	716,461
		PHILLIPS 66 PARTNERS LP 4.900% 10/01/2046 DD 10/14/16	635,840	715,825
		INTEL CORP 3.250% 11/15/2049 DD 11/21/19	709,595	713,976
		BAT CAPITAL CORP 4.390% 08/15/2037 DD 08/15/18	708,426	713,925
		APPLE INC 4.450% 05/06/2044 DD 05/06/14	581,835	713,776
		HARTFORD FINANCIAL SERVICES GR 3.600% 08/19/2049 DD 08/19/19	701,883	713,299
		VERIZON COMMUNICATIONS INC 3.850% 11/01/2042 DD 11/07/12	584,601	713,216
		GENERAL ELECTRIC CO 6.150% 08/07/2037 DD 08/07/07	693,439	712,571
		UNITEDHEALTH GROUP INC 6.500% 06/15/2037 DD 12/15/07	626,900	712,420
		CANADIAN NATIONAL RAILWAY CO 3.650% 02/03/2048 DD 02/06/18	731,660	712,183
		DOW CHEMICAL CO/THE 4.250% 10/01/2034 DD 09/16/14	634,634	711,237
		GLP CAPITAL LP / GLP FINANCING 5.300% 01/15/2029 DD 09/26/18	647,668	710,848
		CISCO SYSTEMS INC 5.500% 01/15/2040 DD 11/17/09	729,564	710,466
		AMERICAN HONDA FINANCE CORP VAR RT 02/12/2021 DD 02/15/18	710,604	710,369
		DAIMLER FINANCE NORTH AME 144A 2.200% 05/05/2020 DD 05/05/17	709,056	710,355
		ALTRIA GROUP INC 5.800% 02/14/2039 DD 02/14/19	607,296	705,912
		WELLTOWER INC 6.500% 03/15/2041 DD 03/14/11	714,573	704,751
		HEALTHPEAK PROPERTIES INC 6.750% 02/01/2041 DD 01/24/11	637,885	704,540
		ENEL FINANCE INTERNATIONA 144A 4.750% 05/25/2047 DD 05/25/17	668,669	703,925
		CANADIAN NATURAL RESOURCES LTD 6.450% 06/30/2033 DD 09/16/02	579,953	703,439
		ENERGY TRANSFER OPERATING LP 7.500% 07/01/2038 DD 03/28/08	668,206	703,303
		TEXAS HEALTH RESOURCES 4.330% 11/15/2055 DD 05/05/15	605,220	703,182
		DUKE ENERGY FLORIDA PROJECT FI 2.538% 09/01/2031 DD 06/22/16	699,972	702,142
		BOEING CO/THE 3.750% 02/01/2050 DD 07/31/19	649,465	696,606
		SOUTHERN CALIFORNIA EDISON CO 5.550% 01/15/2037 DD 12/11/06	615,405	694,790
		ROCKWELL COLLINS INC 4.800% 12/15/2043 DD 12/16/13	642,948	691,196
		APPLE INC 4.450% 05/06/2044 DD 05/06/14	561,943	689,373
		QUALCOMM INC 4.300% 05/20/2047 DD 05/26/17	673,770	688,368
		WALT DISNEY CO/THE 6.200% 12/15/2034 DD 06/15/19	634,418	688,200
		PFIZER INC 4.200% 09/15/2048 DD 09/07/18	583,608	686,451
		CATERPILLAR FINANCIAL SERVICES 1.900% 09/06/2022 DD 09/06/19	684,048	686,384
		HOME DEPOT INC/THE VAR RT 06/05/2020 DD 06/05/17	685,000	685,569
		COMCAST CORP 3.999% 11/01/2049 DD 10/19/17	607,111	683,107
		SWISS RE TREASURY US CORP 144A 4.250% 12/06/2042 DD 12/06/12	580,849	681,792
		PHILIP MORRIS INTERNATIONAL IN 4.875% 11/15/2043 DD 11/12/13	598,581	681,617
		AETNA INC 4.125% 11/15/2042 DD 11/07/12	629,119	681,319
		TRAVELERS COS INC/THE 6.750% 06/20/2036 DD 06/20/06	573,583	680,551
		QUALCOMM INC 4.800% 05/20/2045 DD 05/20/15	513,322	680,036
		SOUTHERN CALIFORNIA GAS CO 4.300% 01/15/2049 DD 09/24/18	594,732	679,323
		AVALONBAY COMMUNITIES INC 3.200% 01/15/2028 DD 11/15/17	647,394	678,750
		PACIFIC LIFE INSURANCE CO 144A VAR RT 10/24/2067 DD 10/24/17	634,467	677,863
		GILEAD SCIENCES INC 5.650% 12/01/2041 DD 12/13/11	559,724	676,849
		CVS HEALTH CORP 5.125% 07/20/2045 DD 07/20/15	640,127	676,202
		CSX CORP 4.300% 03/01/2048 DD 02/20/18	568,451	675,968
		ALABAMA POWER CO 4.300% 07/15/2048 DD 06/28/18	578,610	675,703
		COMCAST CORP 3.969% 11/01/2047 DD 10/19/17	616,912	675,360
		BANK OF AMERICA CORP VAR RT 03/15/2050 DD 03/15/19	560,000	675,108
		COLUMBIA PIPELINE GROUP INC 5.800% 06/01/2045 DD 12/01/15	560,179	672,459
		HCA INC 5.500% 06/15/2047 DD 06/22/17	616,496	672,458
		MCDONALD'S CORP 4.450% 03/01/2047 DD 03/09/17	589,032	670,871
		VISA INC 4.300% 12/14/2045 DD 12/14/15	685,299	669,974
		DOMINION ENERGY GAS HOLDINGS L 4.600% 12/15/2044 DD 12/08/14	621,462	669,708
		MONDELEZ INTERNATIONAL INC 4.625% 05/07/2048 DD 05/07/18	570,563	669,593
		APPLE INC 4.500% 02/23/2036 DD 02/23/16	547,415	668,399
		MIZUHO FINANCIAL GROUP INC VAR RT 07/16/2023 DD 07/16/19	660,000	667,927
		KROGER CO/THE 5.150% 08/01/2043 DD 07/25/13	578,057	665,805
		TIME WARNER CABLE LLC 4.500% 09/15/2042 DD 08/10/12	600,535	664,547
		AT&T INC 5.350% 09/01/2040 DD 03/01/11	578,941	663,834
		UNION ELECTRIC CO 4.000% 04/01/2048 DD 04/06/18	592,424	660,379
		PANAMA GOVERNMENT INTERNATIONA 3.870% 07/23/2060 DD 07/23/19	609,628	656,665
		EQUITABLE HOLDINGS INC 5.000% 04/20/2048 DD 10/20/18	663,664	656,549
		CHURCH & DWIGHT CO INC 3.950% 08/01/2047 DD 07/25/17	589,468	654,720
		ROCKWELL COLLINS INC 3.500% 03/15/2027 DD 04/10/17	641,451	653,222
		CHILE GOVERNMENT INTERNATIONAL 3.500% 01/25/2050	660,195	652,825
		SIMON PROPERTY GROUP LP 3.250% 09/13/2049 DD 09/13/19	666,834	651,937
		BANK OF AMERICA CORP VAR RT 03/15/2050 DD 03/15/19	540,000	650,997
		AMERICAN TOWER CORP 3.700% 10/15/2049 DD 10/03/19	639,444	647,829
		MCDONALD'S CORP 4.450% 09/01/2048 DD 08/15/18	637,704	647,575

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	WASTE MANAGEMENT INC	4.150% 07/15/2049 DD 05/22/19	564,277	646,496
	OCCIDENTAL PETROLEUM CORP	4.200% 03/15/2048 DD 03/02/18	659,263	645,723
	ESTEE LAUDER COS INC/THE	3.125% 12/01/2049 DD 11/21/19	638,511	645,464
	ALTRIA GROUP INC	4.250% 08/09/2042 DD 08/09/12	553,849	645,316
	ENTERPRISE PRODUCTS OPERATING	4.450% 02/15/2043 DD 08/13/12	588,066	643,828
	STARBUCKS CORP	4.500% 11/15/2048 DD 08/10/18	638,324	640,827
	NISOURCE INC	2.950% 09/01/2029 DD 08/12/19	638,886	637,869
	AMEREN CORP	2.500% 09/15/2024 DD 09/16/19	635,037	637,832
	COX COMMUNICATIONS INC 144A	4.800% 02/01/2035 DD 12/08/14	627,820	636,956
	BP CAPITAL MARKETS AMERICA INC	4.500% 10/01/2020 DD 10/01/18	636,638	636,706
	ENERGY TRANSFER PARTNERS LP /	5.000% 10/01/2022 DD 07/25/14	637,524	636,492
	APTIV PLC	5.400% 03/15/2049 DD 03/14/19	557,525	636,233
	HONDA AUTO RECEIVABLES 20 4 A2	1.860% 06/20/2022 DD 11/26/19	634,961	634,721
	SHELL INTERNATIONAL FINANCE BV	4.550% 08/12/2043 DD 08/12/13	583,268	634,156
	MCDONALD'S CORP	3.625% 09/01/2049 DD 08/12/19	608,065	630,676
	UNION PACIFIC CORP	4.300% 03/01/2049 DD 02/19/19	541,169	629,780
	NATIONAL AUSTRALIA BANK LTD/NE	3.700% 11/04/2021 DD 12/04/18	632,643	629,404
	EQM MIDSTREAM PARTNERS LP	5.500% 07/15/2028 DD 06/25/18	641,475	629,075
	SYSCO CORP	4.450% 03/15/2048 DD 03/19/18	546,579	626,434
	XCEL ENERGY INC	3.500% 12/01/2049 DD 11/07/19	612,974	625,277
	PEPSICO INC	2.875% 10/15/2049 DD 10/09/19	633,145	623,863
	L3HARRIS TECHNOLOGIES INC	5.054% 04/27/2045 DD 04/27/15	519,064	623,054
	CITIBANK NA VAR RT	02/19/2022 DD 02/19/19	615,000	622,792
	MICROSOFT CORP	4.000% 02/12/2055 DD 02/12/15	516,653	622,524
	BAKER HUGHES A GE CO LLC / BAK	4.080% 12/15/2047 DD 12/11/17	598,889	620,434
	PECO ENERGY CO	3.000% 09/15/2049 DD 09/10/19	639,692	619,922
	AT&T INC	4.500% 05/15/2035 DD 05/04/15	587,540	618,453
	ENI SPA 144A	4.250% 05/09/2029 DD 05/09/19	558,555	614,981
	OCCIDENTAL PETROLEUM CORP	6.450% 09/15/2036 DD 09/15/19	638,670	614,210
	RIO TINTO FINANCE USA PLC	4.125% 08/21/2042 DD 08/21/12	626,149	613,720
	MPLX LP	5.500% 02/15/2049 DD 11/15/18	587,439	613,489
	DUKE ENERGY CAROLINAS LLC	3.700% 12/01/2047 DD 11/14/17	569,168	613,434
	MORGAN STANLEY VAR RT	01/23/2030 DD 01/23/19	540,000	610,783
	SOUTHERN CALIFORNIA EDISON CO	5.950% 02/01/2038 DD 01/22/08	604,493	608,933
	GLAXOSMITHKLINE CAPITAL PLC	2.850% 05/08/2022 DD 05/09/12	596,178	608,114
	OCCIDENTAL PETROLEUM CORP	4.400% 04/15/2046 DD 04/04/16	616,106	607,818
	WELLS FARGO & CO	5.606% 01/15/2044 DD 11/26/13	526,166	606,211
	CHUBB CORP/THE	6.000% 05/11/2037 DD 05/11/07	474,702	601,562
	ENI SPA 144A	4.750% 09/12/2028 DD 09/12/18	525,755	600,066
	BP CAPITAL MARKETS AMERICA INC	4.500% 10/01/2020 DD 10/01/18	599,967	600,032
	DOW CHEMICAL CO/THE	5.550% 11/30/2048 DD 05/30/19	501,413	599,995
	BRISTOL-MYERS SQUIBB CO 144A	4.350% 11/15/2047 DD 11/15/19	607,247	599,738
	APPLE INC	3.750% 11/13/2047 DD 11/13/17	535,572	599,702
	PUBLIC SERVICE CO OF COLORADO	3.950% 03/15/2043 DD 03/26/13	551,243	599,278
	FORTIVE CORP	4.300% 06/15/2046 DD 06/15/17	607,312	597,455
	NORFOLK SOUTHERN CORP	4.100% 05/15/2049 DD 05/08/19	606,879	596,819
	LINCOLN NATIONAL CORP	4.350% 03/01/2048 DD 02/12/18	536,927	595,312
	UNION PACIFIC CORP	4.300% 03/01/2049 DD 02/19/19	604,219	595,113
	TEXAS INSTRUMENTS INC	4.150% 05/15/2048 DD 05/07/18	546,971	594,650
	ALIBABA GROUP HOLDING LTD	4.000% 12/06/2037 DD 12/06/17	554,240	594,089
	DOW CHEMICAL CO/THE	4.375% 11/15/2042 DD 11/14/12	530,161	592,834
	BANK OF AMERICA CORP VAR RT	10/01/2021 DD 09/18/17	585,086	591,682
	AMERICAN EXPRESS CO	2.750% 05/20/2022 DD 05/20/19	579,304	590,631
	CK HUTCHISON INTERNATIONAL 144A	3.375% 09/06/2049 DD 09/06/19	598,012	590,456
	UNITEDHEALTH GROUP INC	3.875% 08/15/2059 DD 07/25/19	540,160	588,622
	MERCK & CO INC	3.700% 02/10/2045 DD 02/10/15	526,953	586,328
	BARCLAYS PLC	4.950% 01/10/2047 DD 01/10/17	531,803	584,739
	PPL ELECTRIC UTILITIES CORP	4.150% 06/15/2048 DD 06/14/18	507,139	583,058
	DTE ENERGY CO VAR RT	10/01/2024 DD 07/01/19	579,809	582,830
	REALTY INCOME CORP	4.650% 03/15/2047 DD 03/15/17	506,083	582,005
	LOCKHEED MARTIN CORP	4.090% 09/15/2052 DD 09/07/17	582,219	580,828
	DTE ELECTRIC CO	4.050% 05/15/2048 DD 05/07/18	581,680	580,520
	TIME WARNER CABLE LLC	7.300% 07/01/2038 DD 06/19/08	514,175	580,498
	REGIONS FINANCIAL CORP	7.375% 12/10/2037 DD 12/10/07	492,687	580,065
	CSX CORP	4.300% 03/01/2048 DD 02/20/18	579,146	579,401
	PAYPAL HOLDINGS INC	2.200% 09/26/2022 DD 09/26/19	574,270	578,272
	WELLS FARGO & CO	3.000% 02/19/2025 DD 02/19/15	574,211	577,875
	SYNCHRONY FINANCIAL	2.850% 07/25/2022 DD 07/25/19	570,457	577,045
	MASSACHUSETTS INSTITUTE OF TEC	2.989% 07/01/2050 DD 12/20/19	580,135	576,143

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		JOHNSON CONTROLS INTERNATIONAL STEP 07/02/2044 DD 07/02/2016	579,110	576,007
		MEAD JOHNSON NUTRITION CO 4.600% 06/01/2044 DD 05/13/14	522,605	574,910
		PROVIDENCE ST JOSEPH HEALTH OB 3.930% 10/01/2048 DD 02/06/18	530,000	574,032
		ANHEUSER-BUSCH COS LLC / ANHEU 4.700% 02/01/2036 DD 02/01/19	477,131	573,581
		DOW CHEMICAL CO/THE 7.375% 11/01/2029 DD 11/01/99	552,263	570,374
		KINDER MORGAN ENERGY PARTNERS 6.950% 01/15/2038 DD 06/21/07	555,870	569,698
		HESS CORP 5.600% 02/15/2041 DD 08/10/10	491,773	567,993
		CREDIT SUISSE AG/NEW YORK NY 2.100% 11/12/2021 DD 11/12/19	564,932	567,672
		CONSTELLATION BRANDS INC 4.500% 05/09/2047 DD 05/09/17	492,310	567,460
		CAMERON LNG LLC 144A 2.902% 07/15/2031 DD 12/13/19	565,000	566,322
		HSBC HOLDINGS PLC VAR RT 05/22/2030 DD 05/22/19	556,967	566,144
		APPLE INC 2.050% 09/11/2026 DD 09/11/19	564,870	565,964
		TECK RESOURCES LTD 5.400% 02/01/2043 DD 08/08/12	510,925	565,688
		WILLIS NORTH AMERICA INC 3.875% 09/15/2049 DD 09/10/19	562,133	563,695
		BERKSHIRE HATHAWAY ENERGY CO 6.125% 04/01/2036 DD 10/01/06	478,355	563,217
		ALLERGAN FUNDING SCS 4.550% 03/15/2035 DD 03/12/15	549,057	563,008
		BECTON DICKINSON AND CO 4.685% 12/15/2044 DD 12/15/14	474,725	562,919
		DEERE & CO 3.900% 06/09/2042 DD 06/08/12	462,635	562,680
		VODAFONE GROUP PLC 5.000% 05/30/2038 DD 05/30/18	555,068	561,664
		BANK OF AMERICA CORP VAR RT 07/21/2021 DD 07/21/17	560,913	561,154
		ITC HOLDINGS CORP 5.300% 07/01/2043 DD 07/03/13	453,781	558,822
		DANSKE BANK A/S 144A 5.375% 01/12/2024 DD 01/16/19	508,970	558,261
		SOUTHERN CALIFORNIA GAS CO 4.125% 06/01/2048 DD 05/15/18	591,284	556,675
		WILLIAMS COS INC/THE 4.900% 01/15/2045 DD 06/27/14	553,321	552,822
		PEPSICO INC 2.000% 04/15/2021 DD 10/10/17	544,401	551,568
		BRITISH TELECOMMUNICATION 144A 4.250% 11/08/2049 DD 11/08/19	535,000	550,665
		EXELON GENERATION CO LLC 5.600% 06/15/2042 DD 12/15/12	514,373	549,192
		EVERSOURCE ENERGY 2.800% 05/01/2023 DD 05/13/13	548,937	548,122
		GILEAD SCIENCES INC 4.750% 03/01/2046 DD 09/14/15	544,626	547,156
		PHILIP MORRIS INTERNATIONAL IN 4.875% 11/15/2043 DD 11/12/13	547,579	545,294
		XYLEM INC/NY 4.375% 11/01/2046 DD 10/11/16	494,295	545,105
		NATIONWIDE MUTUAL INSURAN 144A 4.950% 04/22/2044 DD 04/22/14	533,495	544,568
		AMERICAN INTERNATIONAL GROUP I 4.750% 04/01/2048 DD 03/26/18	447,359	542,619
		SAN DIEGO GAS & ELECTRIC CO 4.100% 06/15/2049 DD 05/31/19	489,486	542,455
		BECTON DICKINSON AND CO 4.669% 06/06/2047 DD 06/06/17	545,278	542,451
		US BANK NA/CINCINNATI OH 3.450% 11/16/2021 DD 11/16/18	524,276	540,650
		PNC BANK NA VAR RT 01/22/2021 DD 01/22/18	540,000	540,621
		TEXAS INSTRUMENTS INC 1.750% 05/01/2020 DD 05/06/15	541,112	539,681
		CONAGRA BRANDS INC 5.400% 11/01/2048 DD 10/22/18	518,804	537,420
		HONEYWELL INTERNATIONAL INC 1.850% 11/01/2021 DD 10/31/16	526,387	536,231
		HERSHEY CO/THE 3.125% 11/15/2049 DD 10/31/19	539,428	535,572
		ANHEUSER-BUSCH INBEV WORLDWIDE 5.450% 01/23/2039 DD 01/23/19	423,819	534,833
		MPLX LP 4.500% 04/15/2038 DD 02/08/18	518,758	534,224
		BOSTON PROPERTIES LP 2.900% 03/15/2030 DD 09/03/19	535,118	534,139
		ERAC USA FINANCE LLC 144A 7.000% 10/15/2037 DD 10/17/07	535,215	530,483
		SOUTHERN CALIFORNIA EDISON CO 5.625% 02/01/2036 DD 01/31/06	418,977	530,061
		ANHEUSER-BUSCH INBEV WORLDWIDE 8.200% 01/15/2039 DD 01/15/11	429,045	529,833
		ENTERGY LOUISIANA LLC 4.200% 04/01/2050 DD 03/12/19	451,783	527,977
		MASSACHUSETTS ELECTRIC CO 144A 4.004% 08/15/2046 DD 08/05/16	495,000	527,695
		VIACOMCBS INC 4.600% 01/15/2045 DD 01/12/15	532,076	526,671
		ROPER TECHNOLOGIES INC 3.650% 09/15/2023 DD 08/28/18	525,720	525,060
		SUNCOR ENERGY INC 7.150% 02/01/2032 DD 01/29/02	409,834	524,250
		GRUPO BIMBO SAB DE CV 144A 4.000% 09/06/2049 DD 09/06/19	551,597	524,216
		LOWE'S COS INC 4.650% 04/15/2042 DD 04/23/12	477,785	521,730
		WALGREENS BOOTS ALLIANCE INC 4.500% 11/18/2034 DD 11/18/14	504,085	521,645
		NATIONAL RURAL UTILITIES COOPE 4.400% 11/01/2048 DD 10/31/18	432,847	519,803
		COLOMBIA GOVERNMENT INTERNATIO 5.200% 05/15/2049 DD 01/28/19	428,732	517,505
		NIAGARA MOHAWK POWER CORP 144A 4.278% 10/01/2034 DD 09/25/14	454,995	516,416
		EQUINOR ASA 4.250% 11/23/2041 DD 11/23/11	531,537	515,759
		TOTAL CAPITAL INTERNATIONAL SA 3.461% 07/12/2049 DD 07/10/19	490,000	515,558
		MOLSON COORS BEVERAGE CO 4.200% 07/15/2046 DD 07/07/16	521,747	514,047
		UNUM GROUP 4.500% 12/15/2049 DD 09/11/19	495,114	512,726
		CHARTER COMMUNICATIONS OPERATI 4.800% 03/01/2050 DD 10/24/19	482,265	511,433
		VOLKSWAGEN AG	452,969	510,004
		BECTON DICKINSON AND CO 3.250% 11/12/2020 DD 11/12/10	509,111	509,732
		BAT INTERNATIONAL FINANCE 144A 3.950% 06/15/2025 DD 06/15/15	496,934	507,792
		NISOURCE INC 4.375% 05/15/2047 DD 05/22/17	444,508	504,813
		IHS MARKIT LTD 4.750% 08/01/2028 DD 07/23/18	506,945	501,197
		PORSCHE AUTOMOBIL HOLDING SE	469,779	501,183

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	GENERAL MOTORS CO	5.950% 04/01/2049 DD 09/10/18	449,847	498,875
	MEDTRONIC INC	4.375% 03/15/2035 DD 03/15/15	505,830	497,314
	ENBRIDGE INC	4.500% 06/10/2044 DD 06/04/14	451,908	496,206
	PNC BANK NA VAR RT	12/09/2022 DD 12/09/19	495,000	495,520
	KROGER CO/THE	3.875% 10/15/2046 DD 10/03/16	449,283	494,789
	METLIFE INC VAR RT	12/15/2044 DD 09/15/14	437,481	494,533
	RECKITT BENCKISER TREASUR	144A 2.375% 06/24/2022 DD 06/26/17	491,754	493,646
	AETNA INC	3.875% 08/15/2047 DD 08/10/17	428,158	493,352
	TEXAS EASTERN TRANSMISSIO	144A 3.500% 01/15/2028 DD 01/09/18	482,324	493,142
	TIME WARNER CABLE LLC	5.500% 09/01/2041 DD 09/12/11	454,186	491,528
	HCA INC	5.125% 06/15/2039 DD 06/12/19	488,824	490,479
	ALLERGAN FUNDING SCS	4.750% 03/15/2045 DD 03/12/15	487,494	490,100
	CITIGROUP INC	4.650% 07/23/2048 DD 07/23/18	475,270	487,824
	BROOKFIELD FINANCE INC	4.850% 03/29/2029 DD 01/29/19	424,239	486,672
	DEUTSCHE TELEKOM INTERNATIONAL VAR RT	06/15/2030 DD 07/06/00	491,081	486,156
	TRANSCANADA PIPELINES LTD	4.875% 05/15/2048 DD 05/07/18	412,309	484,985
	LOJAS AMERICANAS SA		350,303	484,617
	NISOURCE INC	3.650% 06/15/2023 DD 12/15/18	460,887	484,400
	UNION PACIFIC CORP	3.799% 10/01/2051 DD 10/04/16	485,926	483,383
	MPLX LP	4.500% 04/15/2038 DD 02/08/18	486,776	483,346
	VODAFONE GROUP PLC	4.375% 02/19/2043 DD 02/19/13	472,291	483,291
	UNITEDHEALTH GROUP INC	4.250% 04/15/2047 DD 03/13/17	414,212	480,483
	SUMITOMO MITSUI FINANCIAL GROU	2.632% 07/14/2026 DD 07/14/16	480,225	480,451
	ANHEUSER-BUSCH INBEV WORLDWIDE	4.950% 01/15/2042 DD 07/15/16	440,571	479,411
	BANK OF AMERICA NA	6.000% 10/15/2036 DD 10/26/06	337,134	478,989
	NEXEN INC	5.875% 03/10/2035 DD 03/10/05	458,329	478,961
	REGIONS BANK/BIRMINGHAM AL VAR RT	08/13/2021 DD 08/13/18	477,719	478,672
	METHANEX CORP	5.650% 12/01/2044 DD 11/18/14	494,498	477,697
	NORTHERN STATES POWER CO/MN	2.900% 03/01/2050 DD 09/10/19	486,365	477,680
	SMITHFIELD FOODS INC	144A 5.200% 04/01/2029 DD 04/01/19	427,816	476,917
	MINITUBISHI UFJ FINANCIAL GROUP	4.153% 03/07/2039 DD 03/07/19	415,000	476,744
	CIGNA CORP	4.375% 10/15/2028 DD 04/15/19	470,776	476,393
	KROGER CO/THE	4.650% 01/15/2048 DD 07/24/17	431,851	476,134
	BANK OF AMERICA CORP	5.000% 01/21/2044 DD 01/21/14	401,423	476,073
	OCCIDENTAL PETROLEUM CORP	4.300% 08/15/2039 DD 08/08/19	462,587	474,161
	HONEYWELL INTERNATIONAL INC VAR RT	08/08/2022 DD 08/08/19	470,000	472,604
	GLENORE FINANCE CANADA L	144A VAR RT 10/25/2042 DD 10/25/12	491,551	471,785
	CENTERPOINT ENERGY INC	2.500% 09/01/2024 DD 08/14/19	470,216	470,677
	CITIGROUP INC VAR RT	11/04/2022 DD 11/04/19	465,000	466,446
	GENERAL MOTORS FINANCIAL CO IN	5.250% 03/01/2026 DD 03/01/16	440,139	465,788
	PARKER-HANNIFIN CORP	4.000% 06/14/2049 DD 06/14/19	423,567	465,084
	SOUTHERN CALIFORNIA EDISON CO	4.000% 04/01/2047 DD 03/24/17	438,865	463,254
	NORFOLK SOUTHERN CORP	5.100% 08/01/2118 DD 08/02/18	486,198	461,261
	CATERPILLAR INC	4.750% 05/15/2064 DD 05/08/14	470,644	460,816
	PFIZER INC	4.400% 05/15/2044 DD 05/15/14	424,871	459,806
	BURLINGTON NORTHERN SANTA FE L	5.050% 03/01/2041 DD 09/10/10	406,657	458,663
	NATIONWIDE FINANCIAL SERV	144A 5.300% 11/18/2044 DD 11/20/14	444,272	456,428
	ONEOK INC	4.450% 09/01/2049 DD 08/15/19	444,564	456,403
	MARCOPOLO SA		411,533	455,966
	OCCIDENTAL PETROLEUM CORP	6.450% 09/15/2036 DD 09/15/19	483,827	454,515
	PLAINS ALL AMERICAN PIPELINE L	3.550% 12/15/2029 DD 09/16/19	455,868	453,785
	REPUBLIC SERVICES INC	4.750% 05/15/2023 DD 05/09/11	453,881	452,306
	CENTERPOINT ENERGY INC	3.600% 11/01/2021 DD 10/05/18	439,872	451,528
	XCEL ENERGY INC	4.800% 09/15/2041 DD 09/12/11	410,320	451,412
	L3HARRIS TECHNOLOGIES INC	144A 3.950% 05/28/2024 DD 05/28/19	451,367	451,363
	VOLKSWAGEN GROUP OF AMERI	144A 2.500% 09/24/2021 DD 09/26/19	444,381	448,880
	UNITEDHEALTH GROUP INC	3.875% 12/15/2028 DD 12/17/18	417,033	448,448
	CHARTER COMMUNICATIONS OPERATI	4.800% 03/01/2050 DD 10/24/19	433,101	448,163
	AIR LIQUIDE FINANCE SA	144A 2.500% 09/27/2026 DD 09/27/16	448,299	447,404
	UNITEDHEALTH GROUP INC	3.500% 08/15/2039 DD 07/25/19	420,818	446,331
	BANK OF AMERICA CORP	3.875% 08/01/2025 DD 07/30/15	446,453	445,942
	WILLIS NORTH AMERICA INC	5.050% 09/15/2048 DD 09/10/18	447,193	445,938
	TORONTO-DOMINION BANK/THE VAR RT	09/17/2020 DD 09/17/18	445,000	445,619
	SOUTHERN CALIFORNIA EDISON CO	4.875% 03/01/2049 DD 03/15/19	374,423	444,889
	EVERGY METRO INC	4.200% 03/15/2048 DD 03/01/18	384,665	441,603
	KOREA INTERNATIONAL BOND	3.500% 09/20/2028 DD 09/20/18	403,143	439,834
	PUGET SOUND ENERGY INC	3.250% 09/15/2049 DD 08/30/19	443,498	438,456
	AFLAC INC	3.625% 06/15/2023 DD 06/10/13	428,243	436,700
	COOPERATIEVE RABOBANK UA/NY VAR RT	04/26/2021 DD 04/26/18	435,000	436,496

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	BRISTOL-MYERS SQUIBB CO 144A 4.550% 02/20/2048 DD 08/20/19		439,600	434,989
	PFIZER INC 4.300% 06/15/2043 DD 06/03/13		444,862	434,532
	ALLERGAN FINANCE LLC 4.625% 10/01/2042 DD 10/02/12		437,066	434,480
	GEORGE WASHINGTON UNIVERSITY/T 4.868% 09/15/2045 DD 07/01/15		427,469	432,799
	ORACLE CORP 4.125% 05/15/2045 DD 05/05/15		387,049	429,404
	NORTHERN NATURAL GAS CO 144A 4.300% 01/15/2049 DD 07/17/18		439,831	428,640
	MARKEL CORP 4.300% 11/01/2047 DD 11/02/17		410,329	428,503
	MEDTRONIC INC 4.625% 03/15/2045 DD 03/15/15		368,696	428,250
	ROCKWELL COLLINS INC 2.800% 03/15/2022 DD 04/10/17		406,832	427,396
	MOLSON COORS BEVERAGE CO 5.000% 05/01/2042 DD 05/03/12		431,907	426,449
	SOUTHERN COPPER CORP 5.875% 04/23/2045		336,032	426,231
	BANK OF MONTREAL 1.900% 08/27/2021 DD 08/29/16		415,081	425,803
	INTERNATIONAL BUSINESS MACHINE 2.850% 05/13/2022 DD 05/15/19		415,390	424,387
	NEW YORK LIFE INSURANCE C 144A 4.450% 05/15/2069 DD 04/04/19		446,825	424,138
	WYETH LLC 6.500% 02/01/2034 DD 12/16/03		395,112	422,274
	EQUITABLE HOLDINGS INC 5.000% 04/20/2048 DD 10/20/18		389,854	420,837
	WELLTOWER INC 6.500% 03/15/2041 DD 03/14/11		393,176	420,140
	AMGEN INC 5.150% 11/15/2041 DD 11/10/11		360,684	417,664
	AETNA INC 4.125% 11/15/2042 DD 11/07/12		415,032	416,988
	APPLE INC 2.950% 09/11/2049 DD 09/11/19		426,861	416,924
	LG CORP		370,057	416,718
	MARTIN MARIETTA MATERIALS INC 4.250% 12/15/2047 DD 12/20/17		398,724	415,924
	WELLS FARGO BANK NA VAR RT 01/15/2020 DD 01/23/18		415,000	415,062
	GOODMAN US FINANCE FOUR L 144A 4.500% 10/15/2037 DD 09/27/17		384,384	413,910
	CANADIAN NATURAL RESOURCES LTD 6.750% 02/01/2039 DD 01/17/08		400,276	413,693
	PECO ENERGY CO 3.000% 09/15/2049 DD 09/10/19		423,326	413,282
	AON PLC 4.000% 11/27/2023 DD 11/26/13		413,256	413,022
	SKY LTD 144A 3.750% 09/16/2024 DD 09/16/14		410,167	412,424
	GOLDMAN SACHS GROUP INC/THE 5.150% 05/22/2045 DD 05/22/15		332,834	411,795
	MONDELEZ INTERNATIONAL HO 144A 2.125% 09/19/2022 DD 09/19/19		409,893	410,086
	ENERGEN CORP 4.625% 09/01/2021 DD 08/05/11		412,824	409,396
	CSX CORP 3.350% 09/15/2049 DD 09/12/19		410,198	409,335
	ASTRAZENECA PLC 6.450% 09/15/2037 DD 09/12/07		366,954	409,036
	AETNA INC 3.875% 08/15/2047 DD 08/10/17		398,440	406,888
	UNITEDHEALTH GROUP INC 3.500% 02/15/2024 DD 12/17/18		386,761	406,456
	COMCAST CABLE COMMUNICATIONS H 9.455% 11/15/2022 DD 11/18/02		409,249	404,854
	CHARTER COMMUNICATIONS OPERATI 6.484% 10/23/2045 DD 10/23/16		379,993	402,912
	ABBVIE INC 144A 2.950% 11/21/2026 DD 11/21/19		394,530	402,173
	GILEAD SCIENCES INC 4.150% 03/01/2047 DD 09/20/16		366,624	401,062
	BANK OF MONTREAL VAR RT 06/15/2020 DD 06/15/17		400,000	400,652
	ALABAMA POWER CO 3.450% 10/01/2049 DD 09/17/19		388,694	400,144
	CVS HEALTH CORP 4.300% 03/25/2028 DD 03/09/18		366,416	398,741
	MPLX LP 5.500% 02/15/2049 DD 11/15/18		343,109	397,632
	TRANSCANADA PIPELINES LTD 4.625% 03/01/2034 DD 02/28/14		392,869	393,535
	WEC ENERGY GROUP INC 3.375% 06/15/2021 DD 06/07/18		384,842	392,816
	CANADIAN NATURAL RESOURCES LTD 6.500% 02/15/2037 DD 08/17/06		391,101	392,250
	BAYER US FINANCE II LLC 144A 3.950% 04/15/2045 DD 04/15/18		380,736	391,044
	BROADCOM INC 144A 3.125% 04/15/2021 DD 04/05/19		384,546	389,674
	CIGNA CORP 144A 4.500% 02/25/2026 DD 08/25/19		390,521	389,570
	FISERV INC 3.500% 07/01/2029 DD 06/24/19		388,237	388,900
	SOUTHERN COPPER CORP 6.750% 04/16/2040 DD 04/16/10		376,275	387,278
	TRAVELERS PROPERTY CASUALTY CO 6.375% 03/15/2033 DD 03/11/03		297,590	386,498
	HESS CORP 5.800% 04/01/2047 DD 09/28/16		352,731	385,793
	NORTHERN STATES POWER CO/MN 3.600% 09/15/2047 DD 09/13/17		390,358	385,470
	DOMINION ENERGY GAS HOLDINGS L 3.900% 11/15/2049 DD 11/21/19		384,800	384,534
	TRUSTEES OF BOSTON COLLEGE 3.129% 07/01/2052 DD 10/24/19		390,000	384,115
	BANK OF AMERICA CORP VAR RT 12/20/2023 DD 12/20/17		377,779	383,756
	MARATHON PETROLEUM CORP 6.500% 03/01/2041 DD 09/01/11		355,011	383,167
	TOYOTA AUTO RECEIVABLES A A2A 2.830% 10/15/2021 DD 02/13/19		381,105	382,474
	CSX CORP 4.100% 03/15/2044 DD 10/22/12		345,457	382,008
	CREDIT SUISSE AG/NEW YORK NY 2.100% 11/12/2021 DD 11/12/19		379,954	381,797
	GOLDMAN SACHS GROUP INC/THE 4.750% 10/21/2045 DD 10/21/15		311,380	378,454
	APACHE CORP 4.250% 01/15/2044 DD 12/03/12		390,947	378,135
	JPMORGAN CHASE & CO 5.400% 01/06/2042 DD 12/22/11		306,275	376,992
	AON CORP 2.200% 11/15/2022 DD 11/15/19		374,925	376,766
	KINDER MORGAN ENERGY PARTNERS 7.300% 08/15/2033 DD 08/19/02		248,274	375,147
	SOUTHWESTERN PUBLIC SERVICE CO 3.300% 06/15/2024 DD 06/09/14		374,962	374,702
	DIAMONDBACK ENERGY INC 2.875% 12/01/2024 DD 12/05/19		369,848	374,322
	HUMANA INC 4.950% 10/01/2044 DD 09/19/14		369,957	372,132

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	COMCAST CORP	4.200% 08/15/2034 DD 08/12/14	327,993	370,919
	CONOCOPHILLIPS CO	4.300% 11/15/2044 DD 11/12/14	313,261	369,807
	COCA-COLA FEMSA SAB DE CV	3.875% 11/26/2023 DD 11/26/13	372,939	369,803
	KIMCO REALTY CORP	4.450% 09/01/2047 DD 08/10/17	332,518	367,532
	MITSUBISHI UFJ FINANCIAL GROUP	3.455% 03/02/2023 DD 03/02/18	355,000	367,414
	ALTRIA GROUP INC	5.375% 01/31/2044 DD 10/31/13	316,204	367,224
	COLONIAL PIPELINE CO 144A	3.750% 10/01/2025 DD 09/22/15	366,801	367,121
	CITIGROUP INC VAR RT	11/05/2030 DD 11/05/19	360,000	365,602
	FMC CORP	4.500% 10/01/2049 DD 09/20/19	334,829	365,552
	UNITEDHEALTH GROUP INC	3.700% 08/15/2049 DD 07/25/19	357,860	365,456
	MCDONALD'S CORP	4.600% 05/26/2045 DD 05/26/15	322,806	364,285
	WESTPAC BANKING CORP VAR RT	01/25/2021 DD 01/25/18	363,000	363,421
	SOUTHERN CALIFORNIA EDISON CO	4.125% 03/01/2048 DD 03/05/18	303,974	363,293
	PLAINS ALL AMERICAN PIPELINE L	5.150% 06/01/2042 DD 03/22/12	350,258	363,247
	NISOURCE INC	3.490% 05/15/2027 DD 05/22/17	360,905	362,947
	WASTE MANAGEMENT INC	4.150% 07/15/2049 DD 05/22/19	369,993	360,436
	ENTERPRISE PRODUCTS OPERATING	4.200% 01/31/2050 DD 07/08/19	354,266	359,599
	BLACK HILLS CORP	3.150% 01/15/2027 DD 08/19/16	361,078	359,264
	ONCOR ELECTRIC DELIVERY CO LLC	7.000% 05/01/2032 DD 11/01/02	326,915	358,673
	BANK OF AMERICA CORP VAR RT	02/07/2030 DD 02/07/19	325,000	356,808
	SEMPRA ENERGY	2.400% 02/01/2020 DD 01/12/18	354,517	355,025
	PRAXAIR INC	3.550% 11/07/2042 DD 11/07/12	326,519	354,538
	PACIFIC LIFE INSURANCE CO 144A VAR RT	10/24/2067 DD 10/24/17	354,158	352,275
	WR BERKLEY CORP	6.250% 02/15/2037 DD 02/14/07	248,727	350,838
	CONCHO RESOURCES INC	4.850% 08/15/2048 DD 07/02/18	299,220	350,235
	EASTMAN CHEMICAL CO	3.500% 12/01/2021 DD 11/06/18	339,072	348,786
	PROVINCE OF QUEBEC CANADA	2.500% 04/09/2024 DD 04/09/19	339,143	348,327
	CONSTELLATION BRANDS INC	5.250% 11/15/2048 DD 10/29/18	279,608	346,674
	DANSKE BANK A/S 144A	5.000% 01/12/2022 DD 01/16/19	324,093	341,377
	LLOYDS BANKING GROUP PLC	4.344% 01/09/2048 DD 01/09/18	315,000	341,088
	COMMONWEALTH EDISON CO	3.700% 03/01/2045 DD 03/02/15	347,680	340,672
	PANASONIC CORP 144A	2.679% 07/19/2024 DD 07/19/19	335,000	340,528
	WALT DISNEY CO/THE	4.750% 11/15/2046 DD 11/15/19	347,770	338,421
	CITIGROUP INC	6.125% 08/25/2036 DD 08/25/06	259,598	337,350
	JOHNSON CONTROLS INTERNATIONAL STEP	07/02/2064 DD 07/02/2016	336,090	336,473
	BOSTON SCIENTIFIC CORP	3.375% 05/15/2022 DD 05/12/15	329,586	335,647
	SUNCOR ENERGY INC	6.800% 05/15/2038 DD 05/15/08	303,636	334,797
	MARSH & MCLENNAN COS INC	3.875% 03/15/2024 DD 01/15/19	329,732	330,708
	WALMART INC	2.350% 12/15/2022 DD 10/20/17	322,485	330,688
	ACE CAPITAL TRUST II	9.700% 04/01/2030 DD 03/31/00	324,566	330,000
	PANAMA GOVERNMENT INTERNATIONA	3.160% 01/23/2030 DD 07/23/19	328,957	329,600
	TRUIST BANK	2.150% 12/06/2024 DD 12/06/19	329,439	329,479
	BANK OF AMERICA CORP VAR RT	01/23/2022 DD 01/23/18	325,720	327,366
	DUKE ENERGY PROGRESS LLC	6.300% 04/01/2038 DD 03/13/08	246,256	327,313
	ORACLE CORP	3.900% 05/15/2035 DD 05/05/15	309,286	325,688
	SOUTHERN CALIFORNIA EDISON CO	6.050% 03/15/2039 DD 03/20/09	279,285	325,148
	BAKER HUGHES A GE CO LLC / BAK	2.773% 12/15/2022 DD 12/11/17	320,453	321,325
	CONOCOPHILLIPS	6.500% 02/01/2039 DD 02/03/09	322,252	320,621
	MEDTRONIC INC	4.375% 03/15/2035 DD 03/15/15	292,893	319,702
	DUKE ENERGY FLORIDA LLC	4.200% 07/15/2048 DD 06/21/18	274,618	318,890
	CITIGROUP INC VAR RT	01/10/2028 DD 01/10/17	295,000	317,924
	ALLY AUTO RECEIVABLES TRU 1 A2	2.850% 03/15/2022 DD 02/13/19	316,881	317,730
	COMCAST CORP	3.200% 07/15/2036 DD 07/19/16	262,979	317,381
	WASTE MANAGEMENT INC	4.000% 07/15/2039 DD 05/22/19	324,077	317,102
	JOHN DEERE OWNER TRUST 20 B A2	2.830% 04/15/2021 DD 07/25/18	313,639	313,941
	HSBC HOLDINGS PLC	6.800% 06/01/2038 DD 05/27/08	268,904	313,480
	TEXAS EASTERN TRANSMISSIO 144A	3.500% 01/15/2028 DD 01/09/18	303,417	313,351
	BAYER US FINANCE II LLC 144A	4.375% 12/15/2028 DD 06/25/18	311,505	311,103
	UNITED TECHNOLOGIES CORP	3.750% 11/01/2046 DD 11/01/16	240,494	310,584
	DEUTSCHE BANK AG/NEW YORK NY	4.250% 02/04/2021 DD 10/04/18	304,686	309,877
	ANHEUSER-BUSCH INBEV WORLDWIDE	4.900% 01/23/2031 DD 01/23/19	308,337	309,876
	ASTRAZENECA PLC	4.375% 08/17/2048 DD 08/17/18	271,498	309,698
	JPMORGAN CHASE & CO	3.200% 06/15/2026 DD 06/07/16	308,390	308,225
	GOLDMAN SACHS GROUP INC/THE	2.350% 11/15/2021 DD 09/27/16	304,378	306,211
	SOUTHERN CALIFORNIA EDISON CO	4.000% 04/01/2047 DD 03/24/17	313,703	305,327
	MICROSOFT CORP	3.700% 08/08/2046 DD 08/08/16	307,249	305,303
	WELLS FARGO & CO VAR RT	10/30/2025 DD 10/31/19	305,000	305,287
	CITIGROUP INC	6.625% 01/15/2028 DD 01/09/98	281,539	303,535
	CIGNA CORP 144A	6.125% 11/15/2041 DD 05/15/19	306,785	302,758

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		CATERPILLAR FINANCIAL SERVICES 2.950% 02/26/2022 DD 02/26/19	300,844	301,726
		TRUIST BANK VAR RT 08/02/2022 DD 07/26/18	300,528	301,720
		GE CAPITAL INTERNATIONAL FUNDI 2.342% 11/15/2020 DD 05/15/16	299,763	300,243
		FORD CREDIT AUTO OWNER T C A2A 1.880% 07/15/2022 DD 11/22/19	299,973	299,781
		PFIZER INC 4.000% 03/15/2049 DD 03/11/19	255,754	299,307
		SOUTHERN CALIFORNIA EDISON CO 5.350% 07/15/2035 DD 06/27/05	236,405	298,988
		ENTERPRISE PRODUCTS OPERATING 4.800% 02/01/2049 DD 10/11/18	289,207	297,212
		ANTHEM INC 4.101% 03/01/2028 DD 03/02/18	294,332	293,382
		COCA-COLA FEMSA SAB DE CV 5.250% 11/26/2043 DD 11/26/13	271,505	293,208
		ANHEUSER-BUSCH INBEV WORLDWIDE 5.550% 01/23/2049 DD 01/23/19	290,075	292,347
		VERIZON COMMUNICATIONS INC 4.862% 08/21/2046 DD 02/21/15	286,637	291,729
		SHELL INTERNATIONAL FINANCE BV 3.250% 05/11/2025 DD 05/11/15	289,487	291,495
		JPMORGAN CHASE BANK NA VAR RT 02/01/2021 DD 02/01/18	289,400	290,154
		SOUTHERN CALIFORNIA GAS CO 4.125% 06/01/2048 DD 05/15/18	259,727	289,471
		GENERAL MOTORS CO 5.000% 10/01/2028 DD 09/10/18	267,361	288,720
		BROOKLYN UNION GAS CO/THE 144A 4.487% 03/04/2049 DD 03/04/19	250,000	287,560
		KINDER MORGAN ENERGY PARTNERS 6.500% 02/01/2037 DD 01/30/07	264,302	286,893
		SOUTHERN CALIFORNIA EDISON CO 2.400% 02/01/2022 DD 01/16/15	284,980	286,488
		ALIBABA GROUP HOLDING LTD 4.200% 12/06/2047 DD 12/06/17	292,041	283,313
		BP CAPITAL MARKETS PLC 3.814% 02/10/2024 DD 02/10/14	281,472	283,113
		JPMORGAN CHASE & CO VAR RT 01/23/2049 DD 01/23/18	227,890	281,370
		BAT CAPITAL CORP 3.557% 08/15/2027 DD 08/15/18	270,130	280,783
		JPMORGAN CHASE & CO 2.972% 01/15/2023 DD 12/08/16	277,921	280,206
		LLOYDS BANKING GROUP PLC VAR RT 03/17/2023 DD 09/17/19	275,954	278,801
		ENTERPRISE PRODUCTS OPERATING 4.850% 08/15/2042 DD 02/15/12	243,610	278,698
		AGILENT TECHNOLOGIES INC 2.750% 09/15/2029 DD 09/16/19	278,085	278,012
		VALERO ENERGY PARTNERS LP 4.375% 12/15/2026 DD 12/09/16	263,765	277,874
		TRANSCANADA PIPELINES LTD 7.625% 01/15/2039 DD 01/09/09	260,088	277,607
		ITC HOLDINGS CORP 3.650% 06/15/2024 DD 06/04/14	277,842	277,466
		FMC CORP 3.200% 10/01/2026 DD 09/20/19	269,727	275,810
		TECK RESOURCES LTD 6.250% 07/15/2041 DD 07/05/11	256,702	275,148
		KLA CORP 4.650% 11/01/2024 DD 11/06/14	274,018	274,413
		BOEING CO/THE 2.700% 05/01/2022 DD 05/02/19	269,522	274,236
		SHELL INTERNATIONAL FINANCE BV 4.000% 05/10/2046 DD 05/10/16	234,139	273,506
		PANAMA GOVERNMENT INTERNATIONA 4.000% 09/22/2024 DD 09/22/14	272,468	273,105
		UNITEDHEALTH GROUP INC 4.375% 03/15/2042 DD 03/08/12	234,608	271,637
		MYLAN INC 4.550% 04/15/2028 DD 10/15/18	254,910	269,143
		PANAMA GOVERNMENT INTERNATIONA 3.870% 07/23/2060 DD 07/23/19	266,250	269,125
		ALEXANDRIA REAL ESTATE EQUITIE 4.850% 04/15/2049 DD 03/21/19	219,888	268,646
		NUTRIEN LTD 5.000% 04/01/2049 DD 04/01/19	221,121	268,346
		NATIONAL RURAL UTILITIES COOPE 2.300% 09/15/2022 DD 08/30/17	265,912	267,393
		LINCOLN NATIONAL CORP 3.050% 01/15/2030 DD 08/19/19	266,112	265,943
		COMMONSPIRIT HEALTH 2.950% 11/01/2022 DD 10/31/12	263,900	264,922
		WELLTOWER INC 4.950% 09/01/2048 DD 08/16/18	219,074	264,216
		EXELON CORP 3.950% 06/15/2025 DD 12/15/15	253,477	263,586
		PANASONIC CORP 144A 2.536% 07/19/2022 DD 07/19/19	260,000	262,259
		EQUINOR ASA 3.150% 01/23/2022 DD 11/23/11	262,492	262,181
		CARMAX AUTO OWNER TRUST 3 A2A 2.880% 10/15/2021 DD 07/25/18	260,941	261,471
		COLOMBIA GOVERNMENT INTERNATIO 5.000% 06/15/2045	219,038	261,338
		GRUPO TELEVISA SAB 5.000% 05/13/2045 DD 05/13/14	241,335	261,068
		BBVA USA 3.500% 06/11/2021 DD 06/11/18	259,957	259,422
		MARATHON PETROLEUM CORP 3.800% 04/01/2028 DD 04/01/19	243,280	257,909
		MARSH & MCLENNAN COS INC 3.500% 06/03/2024 DD 05/30/14	245,237	257,385
		NORTHROP GRUMMAN CORP 4.030% 10/15/2047 DD 10/13/17	258,775	256,931
		NORTHROP GRUMMAN CORP 3.250% 01/15/2028 DD 10/13/17	255,861	255,699
		CAMERON LNG LLC 144A 3.701% 01/15/2039 DD 12/13/19	250,000	255,460
		UNION ELECTRIC CO 4.000% 04/01/2048 DD 04/06/18	268,425	255,272
		CITIGROUP INC VAR RT 07/24/2023 DD 07/24/17	247,803	254,230
		ERP OPERATING LP 3.000% 07/01/2029 DD 06/26/19	243,971	253,800
		EMBRAER SA 5.150% 06/15/2022 DD 06/15/12	250,200	253,442
		MARSH & MCLENNAN COS INC 3.500% 03/10/2025 DD 09/10/14	252,430	253,368
		CIMAREX ENERGY CO 4.375% 03/15/2029 DD 03/08/19	246,550	249,286
		ENTERGY LOUISIANA LLC 4.000% 03/15/2033 DD 03/23/18	219,657	248,963
		COLOMBIA GOVERNMENT INTERNATIO 5.625% 02/26/2044	244,250	248,500
		CONTINENTAL RESOURCES INC/OK 3.800% 06/01/2024 DD 05/19/14	244,596	248,230
		WESTERN MIDSTREAM OPERATING LP 5.450% 04/01/2044 DD 03/20/14	260,088	248,111
		CONSUMERS ENERGY CO 3.100% 08/15/2050 DD 09/03/19	245,235	244,569
		LABORATORY CORP OF AMERICA HOL 2.300% 12/01/2024 DD 11/25/19	244,434	244,052
		BRISTOL-MYERS SQUIBB CO 144A 5.000% 08/15/2045 DD 08/15/19	250,359	243,730

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	WELLS FARGO & CO	5.375% 02/07/2035 DD 02/07/05	218,064	243,692
	CENTERPOINT ENERGY HOUSTON ELE	6.950% 03/15/2033 DD 09/15/03	149,480	239,795
	ABBVIE INC	4.500% 05/14/2035 DD 05/14/15	209,562	236,849
	ENTERPRISE PRODUCTS OPERATING	4.250% 02/15/2048 DD 02/15/18	207,280	236,366
	ASCENSION HEALTH	3.106% 11/15/2039 DD 10/23/19	241,040	235,769
	FEDEX CORP	4.750% 11/15/2045 DD 10/23/15	238,812	234,850
	NOBLE ENERGY INC	6.000% 03/01/2041 DD 02/18/11	202,944	234,681
	SOUTHERN CO/THE	4.250% 07/01/2036 DD 05/24/16	215,091	232,874
	PANAMA GOVERNMENT INTERNATIONA	4.300% 04/29/2053	226,360	232,500
	PANAMA GOVERNMENT INTERNATIONA	3.870% 07/23/2060	234,866	231,448
	WALT DISNEY CO/THE VAR RT	09/01/2021 DD 09/06/19	230,000	230,598
	VENTAS REALTY LP	5.700% 09/30/2043 DD 09/26/13	184,312	230,297
	GENERAL ELECTRIC CO	5.550% 01/05/2026 DD 01/05/06	212,530	218,014
	FIRSTENERGY TRANSMISSION 144A	4.550% 04/01/2049 DD 03/28/19	226,613	217,822
	PNC BANK NA	2.950% 02/23/2025 DD 02/23/15	216,907	217,449
	HSBC HOLDINGS PLC VAR RT	03/13/2023 DD 03/13/17	214,402	214,801
	CIGNA CORP 144A	4.800% 07/15/2046 DD 07/15/19	205,788	214,737
	SYNCHRONY FINANCIAL	4.250% 08/15/2024 DD 08/11/14	210,752	213,470
	UNITED TECHNOLOGIES CORP	1.950% 11/01/2021 DD 11/01/16	207,877	212,462
	CONCHO RESOURCES INC	3.750% 10/01/2027 DD 09/26/17	202,436	210,368
	HYUNDAI MOTOR CO		188,943	210,163
	BOEING CO/THE	2.700% 02/01/2027 DD 07/31/19	209,239	207,852
	VIACOMCBS INC	4.375% 03/15/2043 DD 03/15/13	207,663	206,751
	KROGER CO/THE	3.850% 08/01/2023 DD 07/25/13	193,701	206,271
	VERIZON COMMUNICATIONS INC	5.012% 04/15/2049 DD 02/03/17	198,520	205,139
	AON PLC	3.875% 12/15/2025 DD 03/01/16	189,947	204,510
	OCCIDENTAL PETROLEUM CORP	4.400% 08/15/2049 DD 08/08/19	195,107	204,447
	MCDONALD'S CORP	3.625% 05/01/2043 DD 05/06/13	204,225	204,268
	KEYBANK NA/CLEVELAND OH	3.900% 04/13/2029 DD 03/13/19	189,335	204,115
	KROGER CO/THE	5.400% 07/15/2040 DD 07/13/10	181,949	203,670
	SOUTHERN CO GAS CAPITAL CORP	3.950% 10/01/2046 DD 09/13/16	194,655	201,743
	BAYLOR SCOTT & WHITE HOLDINGS	4.185% 11/15/2045 DD 04/22/15	203,850	201,314
	GOLDMAN SACHS BANK USA/NEW YOR	3.200% 06/05/2020 DD 06/07/18	199,954	201,088
	HSBC HOLDINGS PLC VAR RT	11/07/2025 DD 11/07/19	200,000	200,798
	LOWE'S COS INC	4.550% 04/05/2049 DD 04/05/19	169,539	200,716
	KEYCORP	2.550% 10/01/2029 DD 09/11/19	199,662	200,476
	NISOURCE INC	2.950% 09/01/2029 DD 08/12/19	201,238	199,334
	PACKAGING CORP OF AMERICA	4.050% 12/15/2049 DD 11/21/19	188,328	197,528
	MARKEL CORP	3.500% 11/01/2027 DD 11/02/17	180,236	196,836
	CAPITAL ONE FINANCIAL CORP	4.750% 07/15/2021 DD 07/19/11	197,596	196,834
	AETNA INC	4.750% 03/15/2044 DD 03/07/14	165,391	195,489
	MARKEL CORP	5.000% 05/20/2049 DD 05/20/19	164,289	194,449
	VALE OVERSEAS LTD	6.250% 08/10/2026 DD 08/10/16	189,833	193,677
	ROGERS COMMUNICATIONS INC	3.700% 11/15/2049 DD 11/12/19	187,959	191,805
	INTERNATIONAL FLAVORS & FRAGRA	3.400% 09/25/2020 DD 09/26/18	189,939	191,626
	EMBRAER NETHERLANDS FINANCE BV	5.400% 02/01/2027 DD 02/01/17	183,515	191,337
	FORD MOTOR CREDIT CO LLC	3.664% 09/08/2024 DD 09/08/14	186,257	191,043
	AMERICA MOVIL SAB DE CV	3.625% 04/22/2029 DD 04/22/19	178,931	189,490
	AMERICA MOVIL SAB DE CV	3.125% 07/16/2022 DD 07/16/12	185,093	189,259
	GOLDMAN SACHS GROUP INC/THE	4.800% 07/08/2044 DD 07/08/14	167,071	187,747
	GENERAL MOTORS CO	5.150% 04/01/2038 DD 08/07/17	179,887	184,138
	SOUTHERN CALIFORNIA GAS CO	3.200% 06/15/2025 DD 06/18/15	176,834	182,669
	NEXTERA ENERGY CAPITAL HOLDING	3.250% 04/01/2026 DD 04/04/19	181,911	182,308
	BAT CAPITAL CORP	4.390% 08/15/2037 DD 08/15/18	180,000	182,279
	TRUIST FINANCIAL CORP	2.200% 03/16/2023 DD 09/16/19	179,583	181,195
	BROADCOM CORP / BROADCOM CAYMA	3.500% 01/15/2028 DD 10/17/17	172,363	181,132
	FEDEX CORP	4.950% 10/17/2048 DD 10/17/18	183,873	180,388
	SPIRIT REALTY LP	3.200% 01/15/2027 DD 09/16/19	179,831	180,293
	US BANK NA/CINCINNATI OH	2.050% 10/23/2020 DD 10/24/17	179,307	180,232
	ENTERGY MISSISSIPPI LLC	3.850% 06/01/2049 DD 06/05/19	162,860	180,215
	SUMITOMO MITSUI FINANCIAL GROU	3.010% 10/19/2026 DD 10/19/16	178,427	179,337
	FEDEX CORP	3.900% 02/01/2035 DD 01/09/15	174,199	178,402
	INTERNATIONAL PAPER CO	4.350% 08/15/2048 DD 08/09/17	148,719	175,684
	UBS GROUP AG 144A VAR RT	08/15/2023 DD 08/15/17	168,560	172,727
	SOUTHWESTERN PUBLIC SERVICE CO	3.750% 06/15/2049 DD 06/18/19	157,982	172,162
	HARTFORD FINANCIAL SERVICES GR	2.800% 08/19/2029 DD 08/19/19	169,456	171,987
	FOMENTO ECONOMICO MEXICANO SAB	2.875% 05/10/2023 DD 05/10/13	165,532	171,557
	GOLDMAN SACHS GROUP INC/THE VAR RT	04/23/2039 DD 04/23/18	168,690	170,931
	DTE ENERGY CO	3.400% 06/15/2029 DD 06/13/19	168,600	170,127

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		DTE ENERGY CO 2.250% 11/01/2022 DD 11/05/19	169,747	169,986
		HCA INC 4.125% 06/15/2029 DD 06/12/19	168,796	169,773
		CONSTELLATION BRANDS INC 4.400% 11/15/2025 DD 10/29/18	169,618	169,381
		COOPERATIEVE RABOBANK UA 3.950% 11/09/2022 DD 11/09/12	162,914	167,298
		WILLIAMS COS INC/THE 5.800% 11/15/2043 DD 11/15/13	158,007	166,741
		NEXTERA ENERGY CAPITAL HOLDING 3.342% 09/01/2020 DD 08/09/18	164,984	166,444
		BERKSHIRE HATHAWAY FINANCE COR 4.200% 08/15/2048 DD 08/15/18	139,290	165,757
		ATMOS ENERGY CORP 4.300% 10/01/2048 DD 10/04/18	139,299	164,084
		WESTERN MIDSTREAM OPERATING LP 5.500% 08/15/2048 DD 08/09/18	199,362	162,730
		BERKSHIRE HATHAWAY FINANCE COR 4.300% 05/15/2043 DD 05/15/13	137,253	161,875
		WELLS FARGO BANK NA VAR RT 05/27/2022 DD 05/28/19	155,305	157,043
		HASHEMITE KINGDOM OF JORDAN GO 3.000% 06/30/2025 DD 06/30/15	150,565	154,180
		CARDINAL HEALTH INC 4.900% 09/15/2045 DD 06/23/15	140,422	151,310
		ANTHEM INC 3.700% 09/15/2049 DD 09/09/19	149,084	149,769
		JPMORGAN CHASE & CO VAR RT 05/01/2028 DD 04/25/17	147,903	148,753
		MPLX LP 144A 4.250% 12/01/2027 DD 06/01/19	146,976	147,407
		AMERICAN INTERNATIONAL GROUP I 3.875% 01/15/2035 DD 01/15/15	142,987	143,347
		BANK OF AMERICA CORP VAR RT 04/24/2023 DD 04/24/17	136,541	142,356
		COMMONSPIRIT HEALTH 2.760% 10/01/2024 DD 08/21/19	140,000	141,296
		AMERICA MOVIL SAB DE CV 5.000% 03/30/2020 DD 03/30/10	142,609	140,860
		UBS AG/LONDON 144A 2.450% 12/01/2020 DD 11/30/17	137,042	140,477
		BANK OF AMERICA CORP VAR RT 07/23/2029 DD 07/23/18	138,711	138,940
		TRUIST FINANCIAL CORP 3.050% 06/20/2022 DD 03/18/19	138,154	138,374
		JPMORGAN CHASE & CO VAR RT 01/23/2029 DD 01/23/18	137,620	138,180
		PANAMA GOVERNMENT INTERNATIONA 7.125% 01/29/2026 DD 11/29/05	129,522	137,500
		LEAR CORP 5.250% 05/15/2049 DD 05/01/19	123,031	137,041
		MICROSOFT CORP 5.300% 02/08/2041 DD 02/08/11	107,323	136,735
		LLOYDS BANK PLC 2.250% 08/14/2022 DD 08/14/19	134,564	135,670
		MEXICO GOVERNMENT INTERNATIONA 3.750% 01/11/2028 DD 01/11/18	135,642	135,070
		MIZUHO FINANCIAL GROUP INC VAR RT 09/13/2025 DD 09/13/19	134,256	135,039
		DOMINION ENERGY INC 3.900% 10/01/2025 DD 09/24/15	132,798	134,306
		NORTHROP GRUMMAN CORP 2.930% 01/15/2025 DD 10/13/17	127,030	134,056
		AMERICA MOVIL SAB DE CV 6.125% 03/30/2040 DD 03/30/10	111,298	133,988
		APACHE CORP 4.750% 04/15/2043 DD 04/09/12	136,367	130,441
		MITSUBISHI UFJ FINANCIAL GROUP 3.195% 07/18/2029 DD 07/18/19	129,134	129,569
		NORFOLK SOUTHERN CORP 3.400% 11/01/2049 DD 11/04/19	128,816	129,156
		ALEXANDRIA REAL ESTATE EQUITIE 3.950% 01/15/2028 DD 03/03/17	129,292	128,940
		TEACHERS INSURANCE & ANNU 144A 6.850% 12/16/2039 DD 12/16/09	87,888	128,109
		TEXAS EASTERN TRANSMISSIO 144A 4.150% 01/15/2048 DD 01/09/18	132,030	127,633
		OCCIDENTAL PETROLEUM CORP 4.300% 08/15/2039 DD 08/08/19	129,973	127,463
		DELL INTERNATIONAL LLC / 144A 4.900% 10/01/2026 DD 03/20/19	114,704	126,638
		CENTERPOINT ENERGY INC 3.850% 02/01/2024 DD 10/05/18	120,959	126,592
		VIRGINIA ELECTRIC & POWER CO 3.150% 01/15/2026 DD 01/14/16	123,630	125,459
		TRUIST BANK 3.300% 05/15/2026 DD 05/16/16	119,161	124,897
		BROADCOM INC 144A 3.625% 10/15/2024 DD 04/05/19	118,151	124,786
		TENNESSEE GAS PIPELINE CO LLC 7.000% 03/15/2027 DD 03/13/97	115,275	124,564
		SCANA CORP 4.750% 05/15/2021 DD 05/12/11	121,967	122,698
		MIZUHO FINANCIAL GROUP INC VAR RT 07/16/2030 DD 07/16/19	122,287	122,675
		CONSTELLATION BRANDS INC 4.750% 12/01/2025 DD 12/04/15	111,983	122,597
		DIAGEO INVESTMENT CORP 2.875% 05/11/2022 DD 05/11/12	121,705	122,424
		FIFTH THIRD BANCORP 2.600% 06/15/2022 DD 06/15/17	118,861	121,530
		APACHE CORP 4.750% 04/15/2043 DD 04/09/12	111,834	120,778
		AMERICAN WATER CAPITAL CORP 3.750% 09/01/2028 DD 08/09/18	119,632	118,900
		BURLINGTON NORTHERN SANTA FE L 6.700% 08/01/2028 DD 07/30/98	88,182	117,742
		CANADIAN NATURAL RESOURCES LTD 3.850% 06/01/2027 DD 05/30/17	114,769	117,156
		TRUIST FINANCIAL CORP 3.750% 12/06/2023 DD 12/06/18	116,740	116,691
		TRUIST FINANCIAL CORP 2.500% 08/01/2024 DD 07/29/19	116,442	116,514
		CLEVELAND ELECTRIC ILLUMI 144A 4.550% 11/15/2030 DD 11/02/18	99,925	112,341
		SUMITOMO MITSUI FINANCIAL GROU 3.784% 03/09/2026 DD 03/09/16	111,884	112,274
		SUMITOMO MITSUI FINANCIAL GROU 3.040% 07/16/2029 DD 07/16/19	110,113	112,252
		URUGUAY GOVERNMENT INTERNATION 4.975% 04/20/2055 DD 04/20/18	111,151	111,938
		FIRSTENERGY CORP 4.250% 03/15/2023 DD 03/05/13	110,457	110,702
		BAT CAPITAL CORP 4.758% 09/06/2049 DD 09/06/19	101,803	108,564
		CONTINENTAL RESOURCES INC/OK 4.375% 01/15/2028 DD 12/08/17	103,884	106,337
		CONCHO RESOURCES INC 4.300% 08/15/2028 DD 07/02/18	102,298	103,587
		MPLX LP 4.000% 03/15/2028 DD 02/08/18	104,655	103,576
		TRUIST FINANCIAL CORP 4.000% 05/01/2025 DD 04/26/18	94,878	103,008
		TRANSCONTINENTAL GAS PIPE LINE 4.600% 03/15/2048 DD 09/15/18	97,629	100,888
		ALABAMA POWER CO 4.150% 08/15/2044 DD 08/26/14	84,323	94,775

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	SEMPRA ENERGY 4.000% 02/01/2048 DD 01/12/18	95,514	94,599
	NOBLE ENERGY INC 5.050% 11/15/2044 DD 11/07/14	91,626	94,521
	ISRAEL ST AID 5.500% 04/26/2024 DD 04/26/04	95,938	92,182
	TD AMERITRADE HOLDING CORP 2.750% 10/01/2029 DD 08/16/19	89,899	90,058
	ENERGY TRANSFER OPERATING LP 5.500% 06/01/2027 DD 12/01/18	89,744	89,940
	SUMITOMO MITSUI FINANCIAL GROU 2.846% 01/11/2022 DD 01/12/17	84,795	88,359
	ENTERGY TEXAS INC 4.000% 03/30/2029 DD 01/08/19	86,402	88,213
	PHILIP MORRIS INTERNATIONAL IN 4.250% 11/10/2044 DD 11/10/14	82,365	82,928
	AIR LEASE CORP 2.250% 01/15/2023 DD 09/16/19	79,429	80,074
	TRANS-ALLEGHENY INTERSTAT 144A 3.850% 06/01/2025 DD 12/11/14	76,845	79,591
	DTE ENERGY CO 3.500% 06/01/2024 DD 05/13/14	77,885	78,311
	SUMITOMO MITSUI FINANCIAL GROU 3.202% 09/17/2029 DD 09/17/19	75,000	76,098
	ENERGY TRANSFER OPERATING LP 6.125% 12/15/2045 DD 06/23/15	68,264	69,583
	AETNA INC 3.500% 11/15/2024 DD 11/10/14	66,894	68,049
	NOBLE ENERGY INC 6.000% 03/01/2041 DD 02/18/11	63,520	66,191
	BURLINGTON NORTHERN SANTA FE L 7.950% 08/15/2030 DD 08/08/00	49,789	65,664
	CENTERPOINT ENERGY INC 2.950% 03/01/2030 DD 08/14/19	64,657	64,088
	HIGHWOODS REALTY LP 4.200% 04/15/2029 DD 03/07/19	55,114	59,165
	IRS R US0003M P 1.7% PUT NOV 20 001.700 ED 112320	39,830	56,416
	COLOMBIA GOVERNMENT INTERNATIO 4.500% 03/15/2029 DD 10/12/18	55,100	55,449
	EMBRAER OVERSEAS LTD 144A 5.696% 09/16/2023 DD 09/16/13	55,100	54,875
	JPMORGAN CHASE & CO VAR RT 05/06/2030 DD 05/06/19	50,000	53,868
	TIME WARNER ENTERTAINMENT CO L 8.375% 03/15/2023 DD 09/15/93	51,094	53,116
	HSBC HOLDINGS PLC VAR RT 03/11/2025 DD 03/11/19	51,429	52,490
	BAXALTA INC 4.000% 06/23/2025 DD 12/23/15	47,879	51,725
	MITSUBISHI UFJ FINANCIAL GROUP 2.623% 07/18/2022 DD 07/18/19	50,000	50,683
	OCCIDENTAL PETROLEUM CORP 4.200% 03/15/2048 DD 03/02/18	49,361	49,670
	TRANSCONTINENTAL GAS PIPE LINE 4.450% 08/01/2042 DD 07/13/12	44,784	45,301
	PPL CAPITAL FUNDING INC 3.100% 05/15/2026 DD 05/17/16	43,042	44,797
	FEDEX CORP 4.050% 02/15/2048 DD 01/31/18	44,244	43,479
	BOEING CO/THE 2.600% 10/30/2025 DD 10/29/15	38,544	40,549
	SUNOCO LOGISTICS PARTNERS OPER 5.950% 12/01/2025 DD 11/17/15	39,928	39,935
	DIGITAL REALTY TRUST LP 4.450% 07/15/2028 DD 06/21/18	34,693	38,759
	CNA FINANCIAL CORP 3.900% 05/01/2029 DD 05/06/19	34,966	37,688
	FORD MOTOR CREDIT CO LLC 3.350% 11/01/2022 DD 08/01/19	34,982	35,355
	WELLS FARGO & CO VAR RT 06/17/2027 DD 06/17/19	30,000	31,129
	SOUTHERN COPPER CORP 5.875% 04/23/2045 DD 04/23/15	20,619	25,071
	GM FINANCIAL AUTOMOBILE 3 A2A 2.890% 09/21/2020 DD 09/26/18	24,838	24,848
	SOUTHERN CALIFORNIA EDISON CO 3.900% 03/15/2043 DD 03/07/13	21,128	20,515
	Corporate Obligations Total	1,257,622,858	1,359,825,806
U.S. Government Obligations			
	U S TREASURY BOND 2.500% 02/15/2046 DD 02/15/16	79,253,246	75,435,593
	U S TREASURY BOND 3.125% 02/15/2043 DD 02/15/13	74,845,869	71,141,770
	U S TREASURY NOTE 2.500% 01/31/2024 DD 01/31/19	52,471,271	52,297,246
	U S TREASURY BOND 2.875% 05/15/2043 DD 05/15/13	54,747,344	51,640,248
	U S TREASURY BOND 2.250% 08/15/2049 DD 08/15/19	46,284,240	45,989,593
	U S TREASURY BOND 2.875% 05/15/2049 DD 05/15/19	47,339,106	44,849,016
	U S TREASURY NOTE 2.000% 11/30/2022 DD 11/30/15	43,927,284	43,905,155
	U S TREASURY BOND 3.625% 08/15/2043 DD 08/15/13	45,448,047	43,009,050
	U S TREASURY BOND 3.750% 11/15/2043 DD 11/15/13	39,638,672	37,592,700
	U S TREASURY BOND 2.500% 02/15/2045 DD 02/15/15	31,591,735	36,030,778
	U S TREASURY BOND 3.000% 02/15/2049 DD 02/15/19	34,550,983	35,996,939
	U S TREASURY BOND 3.750% 11/15/2043 DD 11/15/13	32,654,847	35,111,582
	U S TREASURY NOTE 2.375% 02/29/2024 DD 02/28/19	27,481,771	27,410,058
	U S TREASURY BOND 2.750% 08/15/2042 DD 08/15/12	25,116,146	24,518,282
	U S TREASURY BOND 2.500% 02/15/2046 DD 02/15/16	22,189,133	24,461,172
	U S TREASURY NOTE 2.625% 02/15/2029 DD 02/15/19	24,241,089	23,788,137
	U S TREASURY BOND 2.875% 05/15/2049 DD 05/15/19	23,331,669	22,507,398
	U S TREASURY BOND 3.000% 02/15/2047 DD 02/15/17	20,396,214	21,563,588
	U S TREASURY BOND 3.000% 11/15/2044 DD 11/15/14	19,038,263	20,561,882
	U S TREASURY NOTE 2.625% 02/28/2023 DD 02/28/18	20,187,263	20,144,568
	U S TREASURY BOND 3.125% 11/15/2041 DD 11/15/11	17,963,834	19,655,422
	U S TREASURY NOTE 2.125% 05/15/2022 DD 05/15/19	19,639,967	19,634,334
	U S TREASURY BOND 3.000% 05/15/2047 DD 05/15/17	15,904,158	17,432,604
	U S TREASURY NOTE 2.500% 02/28/2021 DD 02/28/19	16,445,708	16,439,056
	U S TREASURY BOND 3.000% 05/15/2045 DD 05/15/15	15,552,283	15,838,625
	U S TREASURY NOTE 1.375% 10/15/2022 DD 10/15/19	14,896,289	14,908,650
	U S TREASURY NOTE 1.625% 08/15/2029 DD 08/15/19	15,107,502	14,824,267

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(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(d) Cost	(e) Current value
	U S TREASURY NOTE 2.750% 04/30/2023 DD 04/30/18		14,655,977	14,615,742
	US TREAS-CPI INFLAT 0.125% 04/15/2021 DD 04/15/16		14,354,375	14,459,353
	U S TREASURY BOND 2.250% 08/15/2049 DD 08/15/19		13,763,948	13,502,603
	U S TREASURY NOTE 2.875% 11/30/2023 DD 11/30/18		13,240,946	13,168,888
	U S TREASURY BD PRIN STRIP 0.000% 02/15/2043 DD 02/15/13		7,978,641	12,493,879
	U S TREASURY BOND 3.625% 02/15/2044 DD 02/15/14		10,961,876	11,951,222
	U S TREASURY BOND 2.250% 08/15/2046 DD 08/15/16		12,193,019	11,818,259
	U S TREASURY BOND 3.625% 08/15/2043 DD 08/15/13		10,311,758	11,403,542
	U S TREASURY BOND 4.250% 05/15/2039 DD 05/15/09		10,467,290	11,163,884
	U S TREASURY BOND 3.000% 05/15/2042 DD 05/15/12		9,524,648	10,557,942
	U S TREASURY BOND 2.750% 08/15/2047 DD 08/15/17		9,102,065	10,224,391
	U S TREASURY BOND 6.250% 05/15/2030 DD 11/15/99		8,777,140	9,203,284
	U S TREASURY BOND 3.000% 02/15/2049 DD 02/15/19		9,167,648	9,133,552
	U S TREASURY NOTE 2.250% 11/15/2025 DD 11/15/15		8,693,925	8,793,089
	U S TREASURY NOTE 2.250% 11/15/2027 DD 11/15/17		7,947,022	8,644,038
	U S TREASURY NOTE 2.000% 10/31/2021 DD 10/31/14		8,512,844	8,513,037
	U S TREASURY BOND 3.375% 05/15/2044 DD 05/15/14		8,105,856	7,512,930
	U S TREASURY BOND 2.750% 11/15/2042 DD 11/15/12		7,653,126	7,470,108
	U S TREASURY BD CPN STRIP 0.000% 02/15/2040 DD 02/16/10		6,946,311	7,358,438
	US TREAS INFLAT INDEXED BONDS 0.875% 02/15/2047 DD 02/15/17		7,234,301	7,148,525
	FEDERAL NATL MTG ASSN 7.250% 05/15/2030 DD 05/05/00		6,649,411	7,026,747
	U S TREASURY NOTE 2.750% 04/30/2023 DD 04/30/18		6,219,168	6,367,510
	U S TREASURY NOTE 1.875% 10/31/2022 DD 10/31/15		5,284,453	5,289,165
	U S TREASURY BD CPN STRIP 0.000% 05/15/2039 DD 05/15/09		4,372,356	5,168,325
	US TREAS INFLAT INDEXED BONDS 0.750% 02/15/2045 DD 02/15/15		5,102,041	5,045,716
	U S TREASURY NOTE 2.875% 11/15/2021 DD 11/15/18		4,880,501	4,943,940
	U S TREASURY NOTE 2.750% 05/31/2023 DD 05/31/18		4,925,696	4,935,549
	US TREAS INFLAT INDEXED NOTES 0.375% 07/15/2027 DD 07/15/17		4,703,453	4,714,594
	FEDERAL HOME LN MTG CORP 6.750% 03/15/2031 DD 10/25/00		4,330,852	4,644,398
	US TREAS INFLAT INDEXED NOTES 0.375% 01/15/2027 DD 01/15/17		4,350,507	4,361,930
	U S TREASURY BOND 3.125% 08/15/2044 DD 08/15/14		3,941,911	4,344,692
	FEDERAL NATL MTG ASSN 6.625% 11/15/2030 DD 11/03/00		3,996,060	4,276,680
	U S TREASURY NOTE 2.250% 04/15/2022 DD 04/15/19		4,229,944	4,231,257
	US TREAS BD FUTURE (CBT) EXP MAR 20		-	3,991,969
	U S TREASURY NOTE 2.250% 04/30/2021 DD 04/30/14		3,927,712	3,927,874
	US TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13		3,911,341	3,876,816
	U S TREASURY BOND 3.000% 02/15/2048 DD 02/15/18		3,318,964	3,792,456
	U S TREASURY BOND 3.125% 02/15/2042 DD 02/15/12		3,524,064	3,716,551
	U S TREASURY NOTE 1.750% 11/15/2029 DD 11/15/19		3,707,401	3,681,590
	U S TREASURY NOTE 1.500% 09/30/2021 DD 09/30/19		3,465,663	3,464,726
	U S TREASURY NOTE 1.625% 10/31/2026 DD 10/31/19		3,358,563	3,357,636
	U S TREASURY NOTE 2.750% 07/31/2023 DD 07/31/18		3,292,834	3,354,161
	U S TREASURY NOTE 2.250% 08/15/2027 DD 08/15/17		3,145,615	3,327,392
	US TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13		2,937,566	2,908,755
	U S TREASURY NOTE 2.125% 03/31/2024 DD 03/31/17		2,918,769	2,882,610
	U S TREASURY NOTE 2.000% 10/31/2021 DD 10/31/14		2,886,961	2,871,261
	U S TREASURY NOTE 2.750% 08/15/2021 DD 08/15/18		2,778,690	2,835,798
	U S TREASURY NOTE 2.375% 03/15/2021 DD 03/15/18		2,788,247	2,784,040
	U S TREASURY BOND 3.125% 05/15/2048 DD 05/15/18		2,574,844	2,764,740
	U S TREASURY NOTE 2.875% 08/15/2028 DD 08/15/18		2,632,124	2,604,626
	U S TREASURY NOTE 2.750% 08/31/2023 DD 08/31/18		2,598,601	2,592,654
	U S TREASURY NOTE 1.875% 04/30/2022 DD 04/30/17		2,409,137	2,460,844
	U S TREASURY NOTE 1.500% 08/31/2021 DD 08/31/19		2,419,353	2,416,225
	U S TREASURY NOTE 1.500% 11/30/2021 DD 11/30/19		2,275,928	2,276,968
	U S TREASURY NOTE 1.625% 08/15/2029 DD 08/15/19		2,283,697	2,257,032
	U S TREASURY NOTE 1.625% 05/15/2026 DD 05/15/16		2,110,514	2,237,129
	US TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12		2,076,601	2,056,726
	U S TREASURY NOTE 2.250% 04/15/2022 DD 04/15/19		1,960,841	1,953,278
	U S TREASURY NOTE 1.875% 01/31/2022 DD 01/31/17		1,903,933	1,921,193
	US TREAS INFLAT INDEXED NOTES 0.625% 04/15/2023 DD 04/15/18		1,909,768	1,915,909
	U S TREASURY NOTE 2.125% 05/31/2026 DD 05/31/19		1,900,712	1,887,370
	U S TREASURY NOTE 2.875% 10/15/2021 DD 10/15/18		1,792,098	1,830,132
	U S TREASURY NOTE 2.500% 01/31/2024 DD 01/31/19		1,834,992	1,828,286
	U S TREASURY NOTE 2.375% 04/15/2021 DD 04/15/18		1,749,996	1,771,936
	U S TREASURY NOTE 2.250% 12/31/2024 DD 12/31/17		1,730,270	1,765,821
	U S TREASURY NOTE 2.000% 02/28/2021 DD 02/28/14		1,666,529	1,666,806
	U S TREASURY BOND 5.250% 02/15/2029 DD 02/15/99		1,654,061	1,635,290
	U S TREASURY NOTE 1.750% 05/15/2023 DD 05/15/13		1,459,846	1,510,824
	US TREAS-CPI INFLAT 0.875% 02/15/2047 DD 02/15/17		1,494,472	1,473,531

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	US TREAS INFLAT INDEXED NOTES 0.500% 01/15/2028 DD 01/15/18	1,470,877	1,472,613
	US TREAS INFLAT INDEXED NOTES 0.250% 07/15/2029 DD 07/15/19	1,457,889	1,458,991
	U S TREASURY NOTE 1.500% 11/30/2024 DD 11/30/19	1,438,299	1,438,270
	U S TREASURY NOTE 2.625% 02/28/2023 DD 02/28/18	1,349,203	1,386,614
	US TREAS INFLAT INDEXED NOTES 0.875% 01/15/2029 DD 01/15/19	1,331,723	1,331,741
	U S TREASURY NOTE 2.250% 11/15/2027 DD 11/15/17	1,233,729	1,311,261
	U S TREASURY NOTE 2.750% 08/31/2023 DD 08/31/18	1,295,967	1,293,729
	U S TREASURY NOTE 2.000% 04/30/2024 DD 04/30/17	1,238,985	1,262,069
	U S TREASURY NOTE 1.625% 02/15/2026 DD 02/15/16	1,125,591	1,229,100
	U S TREASURY NOTE 2.000% 01/15/2021 DD 01/15/18	1,200,337	1,219,508
	US TREAS INFLAT INDEXED NOTES 0.625% 01/15/2026 DD 01/15/16	1,213,473	1,217,429
	U S TREASURY NOTE 2.125% 07/31/2024 DD 07/31/17	1,078,175	1,141,784
	U S TREASURY NOTE 1.750% 12/31/2026 DD 12/31/19	1,054,203	1,054,986
	U S TREASURY NOTE 2.875% 07/31/2025 DD 07/31/18	985,227	975,596
	US TREAS-CPI INFLAT 0.625% 01/15/2026 DD 01/15/16	960,237	971,052
	U S TREASURY NOTE 2.000% 11/30/2022 DD 11/30/15	917,836	935,443
	U S TREASURY NOTE 2.500% 02/28/2026 DD 02/28/19	915,595	922,303
	U S TREASURY NOTE 3.125% 11/15/2028 DD 11/15/18	917,039	907,723
	U S TREASURY NOTE 3.000% 10/31/2025 DD 10/31/18	905,656	903,128
	U S TREASURY NOTE 1.875% 10/31/2022 DD 10/31/15	822,279	861,378
	US 10YR ULTRA FUTURE (CBT) EXP MAR 20	-	860,156
	PRIVATE EXPORT FUNDING CORP 1.750% 11/15/2024 DD 11/07/19	793,943	789,435
	U S TREASURY NOTE 2.125% 05/15/2022 DD 05/15/19	751,042	749,132
	FEDERAL HOME LN BK CONS BD 3.250% 11/16/2028 DD 11/16/18	648,483	716,315
	U S TREASURY NOTE 1.625% 12/15/2022 DD 12/15/19	664,584	665,652
	FEDERAL NATL MTG ASSN 1.875% 09/24/2026 DD 09/27/16	612,404	648,837
	U S TREASURY BOND 5.250% 11/15/2028 DD 11/15/98	573,203	560,538
	US TREAS-CPI INFLAT 1.000% 02/15/2049 DD 02/15/19	464,629	454,514
	WW GRAINGER INC 4.600% 06/15/2045 DD 06/11/15	339,725	406,538
	U S TREASURY NOTE 2.375% 05/15/2029 DD 05/15/19	365,400	369,243
	PRIVATE EXPORT FUNDING CORP 3.550% 01/15/2024 DD 01/14/14	298,974	320,436
	U S TREASURY NOTE 1.750% 06/30/2024 DD 06/30/19	299,201	300,948
	U S TREASURY NOTE 2.875% 11/30/2023 DD 11/30/18	266,895	277,185
	U S TREASURY NOTE 2.875% 09/30/2023 DD 09/30/18	263,724	276,769
	U S TREASURY NOTE 1.500% 08/15/2026 DD 08/15/16	249,749	259,875
	US ULTRA BOND (CBT) EXP MAR 20	-	225,651
	US 10YR ULTRA FUTURE (CBT) EXP MAR 20	-	167,156
	US TREAS BD FUTURE (CBT) EXP MAR 20	-	144,687
	US 10YR NOTE FUTURE (CBT) EXP MAR 20	-	58,477
	US 10YR NOTE FUTURE (CBT) EXP MAR 20	-	23,688
	US 5YR NOTE FUTURE (CBT) EXP MAR 20	-	(110)
	US 2YR NOTE FUTURE (CBT) EXP MAR 20	-	(30,727)
	US 10YR ULTRA FUTURE (CBT) EXP MAR 20	-	(102,655)
	US 10YR NOTE FUTURE (CBT) EXP MAR 20	-	(140,220)
	US 2YR NOTE FUTURE (CBT) EXP MAR 20	-	(206,849)
	US 5YR NOTE FUTURE (CBT) EXP MAR 20	-	(346,126)
	US ULTRA BOND (CBT) EXP MAR 20	-	(856,876)
	US ULTRA BOND (CBT) EXP MAR 20	-	(9,612,607)
	US TREAS INFLAT INDEXED NOTES 0.500% 04/15/2024 DD 04/15/19	(9,952,567)	(9,981,433)
	US TREAS INFLAT INDEXED BONDS 1.000% 02/15/2049 DD 02/15/19	(11,525,919)	(11,390,574)
	U.S. Government Obligations Total	1,239,249,499	1,243,677,650
	Schedule H Total	4,514,927,432	5,039,720,577

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401(h)				
	Short-Term Investments			
*		EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10	4,122,154	4,122,154
*		EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10	2,566,790	2,566,790
*		EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10	45,816	45,816
*		EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10	13,049	13,049
*		EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10	10,677	10,677
*		EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10	4,021	4,021
*		EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10	3,071	3,071
		CAD (CANADIAN DOLLARS)	3,111	3,013
		GBP (GREAT BRITISH POUNDS)	566	568
		NZD (NEW ZEALAND DOLLAR)	49	44
		ZAR (SOUTH AFRICAN RAND)	1	1
*		BNY Assets and Liab - Non Interest Bearing Cash	-	1
		GBP (GREAT BRITISH POUNDS)	(1)	(1)
		Short-Term Investments Total	6,769,304	6,769,204
	State and Local Government Obligations			
		PORT AUTH OF NEW YORK & NEW JE 4.926% 10/01/2051 DD 10/06/11	865,706	932,724
		CALIFORNIA ST 7.600% 11/01/2040 DD 12/01/10	568,056	594,256
		CALIFORNIA ST 7.550% 04/01/2039 DD 04/28/09	353,815	360,905
		CALIFORNIA ST 4.600% 04/01/2038 DD 04/25/18	335,852	354,560
		CHICAGO IL TRANSIT AUTH SALES 6.200% 12/01/2040 DD 04/06/10	328,665	353,360
		NEW YORK CITY NY MUNI WTR FIN 5.440% 06/15/2043 DD 09/23/10	295,755	316,158
		NEW YORK ST URBAN DEV CORP REV 3.900% 03/15/2033 DD 01/16/19	274,460	290,134
		UNIV OF CALIFORNIA CA REVENUES 4.767% 05/15/2115 DD 04/08/15	246,163	289,906
		MUNI ELEC AUTH OF GEORGIA 6.637% 04/01/2057 DD 03/11/10	250,430	271,989
		UNIV OF CALIFORNIA CA RGTS MED 6.548% 05/15/2048 DD 11/18/10	204,428	223,815
		SALES TAX SECURITIZATION CORP 4.637% 01/01/2040 DD 01/30/19	181,793	201,778
		SALES TAX SECURITIZATION CORP 3.587% 01/01/2043 DD 12/14/17	145,819	157,746
		N TX TOLLWAY AUTH REVENUE 6.718% 01/01/2049 DD 08/12/09	149,539	156,893
		NEW YORK ST THRUWAY AUTH 3.500% 01/01/2042 DD 10/30/19	155,105	154,406
		CALIFORNIA ST 4.500% 04/01/2033 DD 04/25/18	109,817	118,109
		MET TRANSPRTN AUTH NY DEDICATE 7.336% 11/15/2039 DD 04/30/09	106,847	109,518
		MASSACHUSETTS ST 2.900% 09/01/2049 DD 09/12/19	110,000	103,826
		NEW YORK ST DORM AUTH ST PERSO 3.110% 02/15/2039 DD 01/03/20	80,000	80,043
		CHICAGO IL TRANSIT AUTH SALES 6.899% 12/01/2040 DD 08/06/08	62,542	67,546
		KANSAS ST DEV FIN AUTH REVENUE 4.927% 04/15/2045 DD 08/20/15	48,940	56,293
		RUTGERS NJ ST UNIV 3.270% 05/01/2043 DD 10/24/19	50,000	49,480
		BAY AREA CA TOLL AUTH TOLL BRI 3.552% 04/01/2054 DD 09/26/19	45,000	45,611
		UNIV OF CALIFORNIA CA RGTS MED 6.583% 05/15/2049 DD 12/17/09	12,825	14,398
		CMWLTH FING AUTH PA 4.144% 06/01/2038 DD 10/31/16	9,709	10,975
		CALIFORNIA ST 7.625% 03/01/2040 DD 04/01/10	8,063	8,006
		CALIFORNIA ST 7.350% 11/01/2039 DD 11/10/09	7,716	7,681
		State and Local Government Obligations Total	5,007,045	5,330,116
	Common/Collective Trusts			
*		JPMCB LONG DURATION INVESTMENT GRADE FUND	109,898,865	167,921,771
		BNYM-M DB SL ACWI FUND	94,712,163	118,633,513
		Common/Collective Trusts Total	204,611,028	286,555,284

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(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(d) Cost	(e) Current value
	Corporate Obligations			
		VERIZON COMMUNICATIONS INC 4.812% 03/15/2039 DD 02/03/17	1,667,487	2,009,938
		MICROSOFT CORP 4.100% 02/06/2037 DD 02/06/17	1,673,019	1,833,666
		AT&T INC 5.250% 03/01/2037 DD 02/09/17	1,306,593	1,475,553
		COMCAST CORP 3.400% 07/15/2046 DD 07/19/16	990,563	1,111,392
		WELLS FARGO & CO 4.650% 11/04/2044 DD 11/04/14	937,480	1,040,928
		BERKSHIRE HATHAWAY ENERGY CO 6.125% 04/01/2036 DD 10/01/06	933,663	980,822
		ANHEUSER-BUSCH COS LLC / ANHEU 4.900% 02/01/2046 DD 02/01/19	768,601	964,315
		TIME WARNER CABLE LLC 5.500% 09/01/2041 DD 09/12/11	910,647	949,543
		LOCKHEED MARTIN CORP 3.600% 03/01/2035 DD 02/20/15	774,056	852,953
		BURLINGTON NORTHERN SANTA FE L 4.150% 04/01/2045 DD 03/09/15	791,452	851,550
		ORACLE CORP 5.375% 07/15/2040 DD 07/15/11	800,189	851,395
		GE CAPITAL INTERNATIONAL FUNDI 4.418% 11/15/2035 DD 05/15/16	719,026	748,811
		HSBC HOLDINGS PLC VAR RT 03/13/2028 DD 03/13/17	628,344	641,982
		PETROLEOS MEXICANOS 6.750% 09/21/2047	670,685	641,203
		UNITED TECHNOLOGIES CORP 3.750% 11/01/2046 DD 11/01/16	528,716	599,374
		ANHEUSER-BUSCH COS LLC / ANHEU 4.700% 02/01/2036 DD 02/01/19	486,818	585,169
		CHARTER COMMUNICATIONS OPERATI 5.375% 05/01/2047 DD 11/01/17	528,372	577,784
		ENERGY TRANSFER OPERATING LP 6.050% 06/01/2041 DD 05/12/11	535,240	564,550
		ANTHEM INC 4.625% 05/15/2042 DD 05/07/12	510,533	530,372
		COX COMMUNICATIONS INC 144A 8.375% 03/01/2039 DD 02/20/09	480,683	526,351
		ALTRIA GROUP INC 5.800% 02/14/2039 DD 02/14/19	444,847	523,551
		AT&T INC 4.500% 03/09/2048 DD 09/07/16	429,822	513,732
		DUKE ENERGY CAROLINAS LLC 3.875% 03/15/2046 DD 03/11/16	466,498	505,086
		PANAMA GOVERNMENT INTERNATIONA 3.160% 01/23/2030	498,575	499,550
		ANHEUSER-BUSCH INBEV WORLDWIDE 4.600% 04/15/2048 DD 04/04/18	431,193	497,814
		JPMORGAN CHASE & CO VAR RT 11/15/2048 DD 11/10/17	432,849	492,903
		ENTERPRISE PRODUCTS OPERATING 5.100% 02/15/2045 DD 02/12/14	450,186	485,546
		HOME DEPOT INC/THE 4.400% 03/15/2045 DD 06/12/14	438,628	478,116
		BROADCOM CORP / BROADCOM CAYMA 3.875% 01/15/2027 DD 01/15/18	463,339	477,830
		AMAZON.COM INC 3.875% 08/22/2037 DD 02/22/18	408,979	466,002
		AMGEN INC 4.563% 06/15/2048 DD 12/15/16	430,240	464,984
		CIGNA CORP 4.800% 08/15/2038 DD 08/15/19	389,738	460,736
		LOWE'S COS INC 4.050% 05/03/2047 DD 05/03/17	397,250	459,145
		JOHNSON & JOHNSON 3.700% 03/01/2046 DD 03/01/16	408,050	446,504
		ANGLO AMERICAN CAPITAL PL 144A 4.750% 04/10/2027 DD 04/10/17	405,316	437,552
		PETROLEOS MEXICANOS 144A 7.690% 01/23/2050 DD 09/23/19	406,470	436,536
		PACIFICORP 4.125% 01/15/2049 DD 07/13/18	374,160	428,861
		AT&T INC 4.850% 03/01/2039 DD 02/19/19	353,789	426,765
		JPMORGAN CHASE & CO VAR RT 02/22/2048 DD 02/22/17	375,624	425,488
		REYNOLDS AMERICAN INC 5.850% 08/15/2045 DD 06/12/15	397,989	413,168
		DUKE ENERGY PROGRESS LLC 4.100% 05/15/2042 DD 05/18/12	377,014	407,491
		APPLE INC 3.850% 08/04/2046 DD 08/04/16	360,507	406,008
		NATIONWIDE MUTUAL INSURAN 144A 9.375% 08/15/2039 DD 08/10/09	396,050	399,509
		EMERA US FINANCE LP 4.750% 06/15/2046 DD 12/15/16	349,334	395,985
		KINDER MORGAN ENERGY PARTNERS 5.000% 08/15/2042 DD 08/13/12	358,006	392,710
		BERKSHIRE HATHAWAY ENERGY CO 5.150% 11/15/2043 DD 11/08/13	369,250	392,640
		MCDONALD'S CORP 4.875% 12/09/2045 DD 12/09/15	366,536	391,823
		VIACOMCBS INC 4.375% 03/15/2043 DD 03/15/13	315,623	391,236
		CVS HEALTH CORP 5.050% 03/25/2048 DD 03/09/18	335,581	391,060
		CVS HEALTH CORP 5.125% 07/20/2045 DD 07/20/15	374,180	385,554
		GILEAD SCIENCES INC 4.150% 03/01/2047 DD 09/20/16	353,227	384,351
		ABBVIE INC 144A 4.250% 11/21/2049 DD 11/21/19	353,449	376,946
		ALABAMA POWER CO 4.300% 01/02/2046 DD 01/13/16	350,870	371,618
		SHELL INTERNATIONAL FINANCE BV 4.000% 05/10/2046 DD 05/10/16	326,408	370,373
		BANK OF AMERICA CORP VAR RT 01/23/2049 DD 01/23/18	305,136	369,154
		SUNCOR ENERGY INC 6.500% 06/15/2038 DD 06/28/07	344,124	368,898
		ABBOTT LABORATORIES 4.750% 11/30/2036 DD 11/22/16	294,959	363,703
		OGLETHORPE POWER CORP 5.050% 10/01/2048 DD 04/01/19	307,118	359,324
		GOLDMAN SACHS GROUP INC/THE VAR RT 10/31/2038 DD 10/31/17	326,249	358,637
		POTOMAC ELECTRIC POWER CO 4.150% 03/15/2043 DD 03/18/13	335,749	356,010
		NOBLE ENERGY INC 5.250% 11/15/2043 DD 11/08/13	308,465	349,299
		CSX CORP 4.500% 08/01/2054 DD 07/21/14	315,563	345,852
		ABU DHABI GOVERNMENT INTE 144A 3.125% 09/30/2049 DD 09/30/19	341,722	341,250
		VERIZON COMMUNICATIONS INC 4.125% 08/15/2046 DD 08/01/16	264,516	339,093
		ABBVIE INC 144A 4.050% 11/21/2039 DD 11/21/19	318,870	336,339
		CONSOLIDATED EDISON CO OF NEW 6.750% 04/01/2038 DD 04/04/08	322,666	328,948
		VIRGINIA ELECTRIC & POWER CO 4.650% 08/15/2043 DD 08/15/13	311,033	328,928
		HESS CORP 5.600% 02/15/2041 DD 08/10/10	273,545	327,914

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	BANK OF AMERICA CORP VAR RT 01/20/2028 DD 01/20/17	311,899	327,479
	JPMORGAN CHASE & CO VAR RT 07/24/2038 DD 07/24/17	295,242	326,544
	COMCAST CORP 4.950% 10/15/2058 DD 10/05/18	253,082	325,805
	KRAFT HEINZ FOODS CO 4.375% 06/01/2046 DD 05/24/16	318,759	324,318
	MORGAN STANLEY VAR RT 01/24/2029 DD 01/23/18	300,000	322,935
	CITIGROUP INC 4.650% 07/30/2045 DD 07/30/15	283,179	322,153
	INTERNATIONAL BUSINESS MACHINE 4.250% 05/15/2049 DD 05/15/19	276,027	320,449
	GOLDMAN SACHS GROUP INC/THE VAR RT 06/05/2028 DD 06/05/17	302,787	319,197
	WALMART INC 3.950% 06/28/2038 DD 06/27/18	274,802	318,571
	MORGAN STANLEY VAR RT 07/22/2038 DD 07/24/17	288,913	316,618
	DUKE ENERGY INDIANA LLC 4.200% 03/15/2042 DD 03/15/12	295,916	316,008
	DISCOVERY COMMUNICATIONS LLC 5.200% 09/20/2047 DD 09/21/17	260,956	314,739
	TELEFONICA EMISIONES SA 5.213% 03/08/2047 DD 03/08/17	293,684	314,531
	COMMONWEALTH EDISON CO 6.450% 01/15/2038 DD 01/16/08	302,136	313,849
	ALTRIA GROUP INC 3.875% 09/16/2046 DD 09/16/16	321,986	309,269
	DOMINION ENERGY INC 7.000% 06/15/2038 DD 06/17/08	297,537	305,527
	SOUTHERN CO/THE 4.400% 07/01/2046 DD 05/24/16	287,255	304,994
	NUTRIEN LTD 5.000% 04/01/2049 DD 04/01/19	266,282	304,126
	CITIGROUP INC VAR RT 04/24/2048 DD 04/25/17	249,997	303,221
	PFIZER INC 4.125% 12/15/2046 DD 11/21/16	278,468	302,331
	SEMPRA ENERGY 3.800% 02/01/2038 DD 01/12/18	269,127	298,022
	VERIZON COMMUNICATIONS INC 4.500% 08/10/2033 DD 08/10/17	245,450	285,991
	INTEL CORP 4.100% 05/19/2046 DD 05/19/16	248,809	277,085
	DUKE ENERGY CORP 4.200% 06/15/2049 DD 06/07/19	250,152	276,430
	WELLS FARGO & CO VAR RT 10/30/2030 DD 10/31/19	270,000	271,876
	VODAFONE GROUP PLC 5.250% 05/30/2048 DD 05/30/18	222,000	270,274
	GENERAL MOTORS CO 5.200% 04/01/2045 DD 11/12/14	256,839	267,650
	WILLIAMS COS INC/THE 5.100% 09/15/2045 DD 03/03/15	252,866	267,629
	APPLE INC 3.750% 11/13/2047 DD 11/13/17	228,082	266,534
	TYSON FOODS INC 5.100% 09/28/2048 DD 09/28/18	203,586	264,424
	ANHEUSER-BUSCH INBEV WORLDWIDE 5.450% 01/23/2039 DD 01/23/19	209,416	264,270
	KAISER FOUNDATION HOSPITALS 4.150% 05/01/2047 DD 05/03/17	239,904	256,979
	DUPONT DE NEMOURS INC 5.319% 11/15/2038 DD 11/28/18	215,643	256,639
	GENERAL MOTORS CO 5.950% 04/01/2049 DD 09/10/18	227,074	254,980
	BOSTON SCIENTIFIC CORP 4.550% 03/01/2039 DD 02/25/19	213,892	252,930
	FIRSTENERGY TRANSMISSION 144A 5.450% 07/15/2044 DD 05/19/14	227,543	252,338
	VISA INC 4.300% 12/14/2045 DD 12/14/15	224,346	252,009
	MARSH & MCLENNAN COS INC 4.750% 03/15/2039 DD 01/15/19	208,729	247,866
	BANK OF AMERICA CORP VAR RT 10/22/2030 DD 10/22/19	245,000	247,154
	GOLDMAN SACHS GROUP INC/THE 5.150% 05/22/2045 DD 05/22/15	226,460	245,848
	ITC HOLDINGS CORP 5.300% 07/01/2043 DD 07/03/13	236,729	245,636
	CLECO CORPORATE HOLDINGS LLC VAR RT 05/01/2046 DD 11/01/16	238,101	244,149
	OCCIDENTAL PETROLEUM CORP 4.500% 07/15/2044 DD 07/15/19	243,103	240,451
	ENERGY TRANSFER OPERATING LP 6.000% 06/15/2048 DD 06/08/18	210,485	239,202
	ONCOR ELECTRIC DELIVERY CO LLC 4.550% 12/01/2041 DD 06/01/12	219,134	234,849
	TELEFONICA EMISIONES SA 4.895% 03/06/2048 DD 03/06/18	205,280	234,733
	JPMORGAN CHASE & CO VAR RT 07/23/2029 DD 07/23/18	210,000	234,421
	UNION PACIFIC CORP 4.100% 09/15/2067 DD 09/19/17	221,420	233,457
	WALT DISNEY CO/THE 4.750% 11/15/2046 DD 11/15/19	208,612	231,148
	AMERICA MOVIL SAB DE CV 4.375% 04/22/2049 DD 04/22/19	198,874	229,672
	RAYTHEON CO 4.200% 12/15/2044 DD 12/02/14	204,964	221,379
	ABBVIE INC 4.500% 05/14/2035 DD 05/14/15	193,848	219,931
	MPLX LP 144A 5.200% 12/01/2047 DD 06/01/19	204,247	218,315
	BAYER US FINANCE II LLC 144A 4.700% 07/15/2064 DD 07/15/18	225,557	218,149
	BOEING CO/THE 3.750% 02/01/2050 DD 07/31/19	205,817	218,022
	MERCK & CO INC 3.900% 03/07/2039 DD 03/07/19	189,118	217,364
	TENCENT HOLDINGS LTD 144A 3.975% 04/11/2029 DD 04/11/19	200,248	215,992
	FIRSTENERGY CORP 4.850% 07/15/2047 DD 06/21/17	183,285	214,133
	ALIBABA GROUP HOLDING LTD 4.000% 12/06/2037 DD 12/06/17	204,640	214,086
	BANK OF AMERICA CORP VAR RT 01/20/2048 DD 01/20/17	186,426	213,470
	TRANSCANADA PIPELINES LTD 4.875% 05/15/2048 DD 05/07/18	181,427	212,920
	BERKSHIRE HATHAWAY INC 4.500% 02/11/2043 DD 02/11/13	194,505	212,233
	TENCENT HOLDINGS LTD 144A 3.925% 01/19/2038	185,048	211,121
	COMCAST CORP 4.600% 10/15/2038 DD 10/05/18	176,169	208,647
	SYNGENTA FINANCE NV 144A 5.676% 04/24/2048 DD 04/24/18	177,873	208,520
	WESTERN MIDSTREAM OPERATING LP 5.300% 03/01/2048 DD 03/02/18	229,029	207,242
	UNION PACIFIC CORP 3.799% 10/01/2051 DD 10/04/16	192,781	207,164
	NESTLE HOLDINGS INC 144A 4.000% 09/24/2048 DD 09/24/18	172,650	205,713
	MERCK & CO INC 3.700% 02/10/2045 DD 02/10/15	186,345	204,662

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		MORGAN STANLEY 4.375% 01/22/2047 DD 01/20/17	178,342	203,878
		MORGAN STANLEY VAR RT 01/23/2030 DD 01/23/19	180,000	203,594
		GEORGIA POWER CO 4.300% 03/15/2042 DD 03/06/12	186,606	203,004
		UNITEDHEALTH GROUP INC 4.250% 04/15/2047 DD 03/13/17	188,841	202,613
		TRANSCANADA PIPELINES LTD 5.100% 03/15/2049 DD 10/12/18	167,305	201,382
		INTERNATIONAL PAPER CO 7.300% 11/15/2039 DD 12/07/09	199,739	200,897
		SOUTHERN COPPER CORP 5.875% 04/23/2045 DD 04/23/15	172,056	200,579
		JPMORGAN CHASE & CO VAR RT 05/06/2030 DD 05/06/19	185,000	199,315
		ANHEUSER-BUSCH INBEV WORLDWIDE 4.375% 04/15/2038 DD 04/04/18	174,122	196,592
		PRUDENTIAL FINANCIAL INC 3.700% 03/13/2051 DD 09/13/19	183,850	194,737
		FEDEX CORP 4.100% 02/01/2045 DD 01/09/15	199,346	194,116
		METLIFE INC 4.600% 05/13/2046 DD 11/13/15	162,460	191,041
		DIGNITY HEALTH 5.267% 11/01/2064 DD 10/15/14	174,499	190,055
		APACHE CORP 4.250% 01/15/2044 DD 12/03/12	181,950	189,067
		FISERV INC 4.400% 07/01/2049 DD 06/24/19	163,990	187,321
		VERIZON COMMUNICATIONS INC 5.012% 08/21/2054 DD 02/21/15	176,527	187,049
		UNITEDHEALTH GROUP INC 3.875% 08/15/2059 DD 07/25/19	169,186	183,607
		GOLDMAN SACHS GROUP INC/THE 4.750% 10/21/2045 DD 10/21/15	166,264	183,123
		VODAFONE GROUP PLC 4.250% 09/17/2050 DD 09/17/19	183,202	182,665
		DEVON ENERGY CORP 5.600% 07/15/2041 DD 07/12/11	161,866	182,417
		CVS HEALTH CORP 4.780% 03/25/2038 DD 03/09/18	155,336	181,899
		CONSOLIDATED EDISON CO OF NEW 3.700% 11/15/2059 DD 11/08/19	173,444	180,842
		AON PLC 4.600% 06/14/2044 DD 05/28/14	164,746	179,673
		SOUTHERN CALIFORNIA EDISON CO 4.000% 04/01/2047 DD 03/24/17	177,409	178,985
		NORTHERN STATES POWER CO/MN 3.600% 09/15/2047 DD 09/13/17	145,792	176,674
		FORD MOTOR CO 5.291% 12/08/2046 DD 12/08/16	193,834	176,285
		CIGNA CORP 144A 3.875% 10/15/2047 DD 04/15/19	163,310	172,824
		FOX CORP 144A 5.476% 01/25/2039 DD 01/25/19	142,024	171,303
		DOMINION ENERGY SOUTH CAROLINA 5.100% 06/01/2065 DD 05/22/15	148,768	169,104
		TELEFONICA EMISIONES SA 4.665% 03/06/2038 DD 03/06/18	150,000	167,819
		BERKSHIRE HATHAWAY FINANCE COR 4.200% 08/15/2048 DD 08/15/18	139,290	165,757
		VALERO ENERGY CORP 6.625% 06/15/2037 DD 06/08/07	157,028	165,396
		SHERWIN-WILLIAMS CO/THE 4.500% 06/01/2047 DD 05/16/17	138,041	164,819
		CHILE GOVERNMENT INTERNATIONAL 3.625% 10/30/2042	162,360	161,252
		BOEING CO/THE 3.950% 08/01/2059 DD 07/31/19	148,597	160,227
		GOLDMAN SACHS GROUP INC/THE VAR RT 04/23/2039 DD 04/23/18	139,715	159,536
		BANK OF AMERICA CORP VAR RT 12/20/2028 DD 12/20/17	147,144	157,521
		GLP CAPITAL LP / GLP FINANCING 5.300% 01/15/2029 DD 09/26/18	140,059	155,498
		DOW CHEMICAL CO/THE 4.375% 11/15/2042 DD 11/14/12	150,220	154,885
		QUALCOMM INC 4.300% 05/20/2047 DD 05/26/17	151,573	154,883
		WALMART INC 4.050% 06/29/2048 DD 06/27/18	128,309	154,094
		HARTFORD FINANCIAL SERVICES GR 3.600% 08/19/2049 DD 08/19/19	148,316	153,950
		BHP BILLITON FINANCE USA LTD 5.000% 09/30/2043 DD 09/30/13	141,729	153,684
		URUGUAY GOVERNMENT INTERNATIONAL 4.975% 04/20/2055	150,884	153,179
		CONOCOPHILLIPS 6.500% 02/01/2039 DD 02/03/09	139,117	153,024
		INTERNATIONAL BUSINESS MACHINE 4.150% 05/15/2039 DD 05/15/19	139,808	152,284
		VODAFONE GROUP PLC 5.000% 05/30/2038 DD 05/30/18	129,346	150,549
		SOUTHERN CALIFORNIA EDISON CO 3.600% 02/01/2045 DD 01/16/15	148,989	149,190
		COMCAST CORP 4.250% 10/15/2030 DD 10/05/18	129,849	148,702
		ORACLE CORP 4.000% 11/15/2047 DD 11/09/17	129,390	145,440
		BANK OF AMERICA CORP VAR RT 07/23/2029 DD 07/23/18	130,000	144,498
		NATIONAL RURAL UTILITIES COOPE 4.300% 03/15/2049 DD 01/31/19	137,511	142,692
		EQM MIDSTREAM PARTNERS LP 5.500% 07/15/2028 DD 06/25/18	144,330	142,525
		EVERGY METRO INC 4.200% 06/15/2047 DD 06/15/17	119,351	141,195
		SIMON PROPERTY GROUP LP 3.250% 09/13/2049 DD 09/13/19	144,421	141,091
		ONEOK INC 4.450% 09/01/2049 DD 08/15/19	136,099	140,033
		STARBUCKS CORP 4.500% 11/15/2048 DD 08/10/18	117,978	139,817
		UNITEDHEALTH GROUP INC 3.700% 08/15/2049 DD 07/25/19	135,157	139,733
		MARSH & MCLENNAN COS INC 4.900% 03/15/2049 DD 01/15/19	124,513	139,703
		METLIFE INC 4.050% 03/01/2045 DD 03/05/15	122,837	139,316
		FORTIVE CORP 4.300% 06/15/2046 DD 06/15/17	141,030	138,750
		CANADIAN NATIONAL RAILWAY CO 3.650% 02/03/2048 DD 02/06/18	121,388	138,020
		VIACOMCBS INC 5.850% 09/01/2043 DD 08/19/13	107,351	137,820
		XCEL ENERGY INC 3.500% 12/01/2049 DD 11/07/19	134,559	137,256
		CISCO SYSTEMS INC 5.500% 01/15/2040 DD 11/17/09	125,436	136,628
		MPLX LP 5.500% 02/15/2049 DD 11/15/18	130,542	136,331
		AMERICAN WATER CAPITAL CORP 4.200% 09/01/2048 DD 08/09/18	119,677	135,935
		LOWE'S COS INC 4.550% 04/05/2049 DD 04/05/19	120,572	135,778
		TRINITY ACQUISITION PLC 6.125% 08/15/2043 DD 08/15/13	126,761	135,277

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	EQUITABLE HOLDINGS INC	5.000% 04/20/2048 DD 10/20/18	118,160	134,539
	MYLAN INC	5.200% 04/15/2048 DD 10/15/18	115,558	134,357
	ROGERS COMMUNICATIONS INC	4.350% 05/01/2049 DD 04/30/19	119,600	134,351
	JOHNSON CONTROLS INTERNATIONAL STEP	07/02/2044 DD 07/02/2016	114,594	134,109
	NORTHROP GRUMMAN CORP	4.030% 10/15/2047 DD 10/13/17	112,740	134,051
	HERSHEY CO/THE	3.125% 11/15/2049 DD 10/31/19	134,854	133,893
	OHIO EDISON CO	6.875% 07/15/2036 DD 06/26/06	128,121	132,895
	MOLSON COORS BEVERAGE CO	4.200% 07/15/2046 DD 07/07/16	116,691	132,754
	RIO TINTO FINANCE USA LTD	5.200% 11/02/2040 DD 11/02/10	119,350	130,701
	NORFOLK SOUTHERN CORP	5.100% 08/01/2118 DD 08/02/18	114,756	130,099
	ESTEE LAUDER COS INC/THE	3.125% 12/01/2049 DD 11/21/19	128,699	130,094
	MASSACHUSETTS INSTITUTE OF TEC	2.989% 07/01/2050 DD 12/20/19	130,029	129,136
	LOCKHEED MARTIN CORP	4.090% 09/15/2052 DD 09/07/17	110,386	129,073
	CONSOLIDATED EDISON CO OF NEW	4.500% 05/15/2058 DD 05/10/18	109,493	127,918
	AMERICAN INTERNATIONAL GROUP I	3.875% 01/15/2035 DD 01/15/15	107,170	127,420
	PHILIP MORRIS INTERNATIONAL IN	4.250% 11/10/2044 DD 11/10/14	123,605	127,158
	DEUTSCHE TELEKOM INTERNATIONAL VAR RT	06/15/2030 DD 07/06/00	126,643	125,222
	ANHEUSER-BUSCH INBEV FINANCE I	4.000% 01/17/2043 DD 01/17/13	106,173	125,130
	AMAZON.COM INC	4.050% 08/22/2047 DD 02/22/18	107,520	123,569
	GLENCORE FINANCE CANADA L 144A VAR RT	10/25/2042 DD 10/25/12	113,365	121,922
	HCA INC	5.125% 06/15/2039 DD 06/12/19	108,995	121,242
	TRANSCANADA PIPELINES LTD	7.625% 01/15/2039 DD 01/09/09	118,760	120,046
	INGERSOLL-RAND GLOBAL HOLDING	4.300% 02/21/2048 DD 02/21/18	109,614	118,985
	BERKSHIRE HATHAWAY FINANCE COR	4.250% 01/15/2049 DD 01/11/19	103,940	118,648
	AETNA INC	4.125% 11/15/2042 DD 11/07/12	120,111	117,822
	IHS MARKIT LTD	4.750% 08/01/2028 DD 07/23/18	104,609	116,946
	ASTRAZENECA PLC	4.375% 08/17/2048 DD 08/17/18	91,571	116,867
	AMERICAN WATER CAPITAL CORP	3.750% 09/01/2047 DD 08/10/17	103,504	116,492
	PEPSICO INC	2.875% 10/15/2049 DD 10/09/19	117,910	116,068
	CONAGRA BRANDS INC	5.400% 11/01/2048 DD 10/22/18	90,342	116,034
	INTEL CORP	3.250% 11/15/2049 DD 11/21/19	114,934	115,644
	UNION PACIFIC CORP	4.375% 11/15/2065 DD 10/29/15	104,631	115,585
	BANK OF AMERICA CORP VAR RT	02/07/2030 DD 02/07/19	105,000	115,276
	BOSTON PROPERTIES LP	2.900% 03/15/2030 DD 09/03/19	114,947	114,815
	WILLIS NORTH AMERICA INC	3.875% 09/15/2049 DD 09/10/19	114,464	114,734
	MPLX LP	5.200% 03/01/2047 DD 02/10/17	108,977	113,527
	CONSOLIDATED EDISON CO OF NEW	4.300% 12/01/2056 DD 11/16/16	106,626	112,945
	INGERSOLL-RAND LUXEMBOURG FINA	4.500% 03/21/2049 DD 03/21/19	113,523	112,479
	UNUM GROUP	4.500% 12/15/2049 DD 09/11/19	108,004	112,311
	NORFOLK SOUTHERN CORP	4.800% 08/15/2043 DD 08/13/13	111,338	112,275
	BAT CAPITAL CORP	4.390% 08/15/2037 DD 08/15/18	108,871	111,393
	COMCAST CORP	3.900% 03/01/2038 DD 02/08/18	99,515	110,799
	UNITEDHEALTH GROUP INC	3.500% 08/15/2039 DD 07/25/19	104,307	110,270
	SUNCOR ENERGY INC	4.000% 11/15/2047 DD 11/15/17	90,471	109,157
	BECTON DICKINSON AND CO	4.669% 06/06/2047 DD 06/06/17	86,947	107,298
	MEDTRONIC INC	4.375% 03/15/2035 DD 03/15/15	100,175	106,567
	ERAC USA FINANCE LLC 144A	7.000% 10/15/2037 DD 10/17/07	98,477	106,097
	ASTRAZENECA PLC	4.375% 11/16/2045 DD 11/16/15	97,949	104,959
	ORACLE CORP	3.800% 11/15/2037 DD 11/09/17	94,643	103,831
	AMAZON.COM INC	4.250% 08/22/2057 DD 02/22/18	84,305	103,693
	UNITEDHEALTH GROUP INC	3.750% 10/15/2047 DD 10/25/17	94,122	102,256
	APPLE INC	2.950% 09/11/2049 DD 09/11/19	104,234	101,807
	NORFOLK SOUTHERN CORP	4.150% 02/28/2048 DD 02/28/18	89,587	101,752
	METHANEX CORP	5.650% 12/01/2044 DD 11/18/14	101,349	100,719
	SOUTHERN CALIFORNIA GAS CO	4.125% 06/01/2048 DD 05/15/18	89,906	100,202
	EQUINOR ASA	4.250% 11/23/2041 DD 11/23/11	88,078	98,516
	DISCOVERY COMMUNICATIONS LLC	4.875% 04/01/2043 DD 03/19/13	85,703	98,478
	CSX CORP	4.650% 03/01/2068 DD 02/20/18	81,209	97,655
	MCDONALD'S CORP	4.450% 09/01/2048 DD 08/15/18	83,144	97,423
	CATERPILLAR INC	4.750% 05/15/2064 DD 05/08/14	88,305	97,213
	TRANSCANADA PIPELINES LTD	4.625% 03/01/2034 DD 02/28/14	88,190	96,958
	PFIZER INC	3.900% 03/15/2039 DD 03/11/19	87,415	95,898
	PUGET SOUND ENERGY INC	3.250% 09/15/2049 DD 08/30/19	95,502	94,667
	ABBVIE INC	4.300% 05/14/2036 DD 05/12/16	76,791	93,571
	CHARTER COMMUNICATIONS OPERATI	5.750% 04/01/2048 DD 04/17/18	78,782	93,434
	AT&T INC	5.450% 03/01/2047 DD 02/09/17	75,773	93,170
	DUKE ENERGY CORP	3.750% 09/01/2046 DD 08/12/16	88,068	93,101
	CITIGROUP INC VAR RT	11/05/2030 DD 11/05/19	90,000	91,400
	ANHEUSER-BUSCH INBEV WORLDWIDE	5.550% 01/23/2049 DD 01/23/19	90,245	90,952

American Electric Power System Retirement Plan
Schedule 1
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December 31, 2019

(a) (b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(d) Cost	(e) Current value
	VIACOMCBS INC 4.850% 07/01/2042 DD 06/20/12	75,756	88,411
	NEW YORK LIFE INSURANCE C 144A 4.450% 05/15/2069 DD 04/04/19	74,459	85,974
	WASTE MANAGEMENT INC 4.150% 07/15/2049 DD 05/22/19	74,904	85,818
	INTERNATIONAL PAPER CO 4.400% 08/15/2047 DD 08/11/16	81,020	85,684
	DOMINION ENERGY GAS HOLDINGS L 3.900% 11/15/2049 DD 11/21/19	84,956	84,897
	HUMANA INC 4.950% 10/01/2044 DD 09/19/14	80,262	82,696
	GOLDMAN SACHS GROUP INC/THE VAR RT 05/01/2029 DD 04/23/18	74,944	82,694
	ENERGY TRANSFER OPERATING LP 5.150% 02/01/2043 DD 01/22/13	74,747	82,238
	CITIGROUP INC VAR RT 01/24/2039 DD 01/24/18	74,966	82,167
	NIKE INC 3.875% 11/01/2045 DD 10/29/15	71,492	79,570
	WESTERN MIDSTREAM OPERATING LP 5.500% 08/15/2048 DD 08/09/18	85,708	79,166
	MYLAN NV 5.250% 06/15/2046 DD 12/15/16	69,816	78,733
	WALMART INC 3.625% 12/15/2047 DD 10/20/17	69,894	77,914
	BOEING CO/THE 3.825% 03/01/2059 DD 02/15/19	70,936	77,371
	MPLX LP 4.900% 04/15/2058 DD 02/08/18	74,467	76,484
	ALLERGAN FUNDING SCS 4.750% 03/15/2045 DD 03/12/15	77,232	76,238
	ACE CAPITAL TRUST II 9.700% 04/01/2030 DD 03/31/00	76,125	75,000
	BANK OF AMERICA CORP VAR RT 04/24/2038 DD 04/24/17	63,212	74,940
	COMCAST CORP 4.700% 10/15/2048 DD 10/05/18	59,951	74,086
	ALLERGAN FINANCE LLC 4.625% 10/01/2042 DD 10/02/12	64,708	73,286
	TRANSCANADA PIPELINES LTD 6.100% 06/01/2040 DD 06/01/10	64,604	72,818
	GENERAL MOTORS CO 5.400% 04/01/2048 DD 08/07/17	68,128	72,499
	JPMORGAN CHASE & CO VAR RT 10/15/2030 DD 09/12/19	70,000	70,010
	NIKE INC 3.375% 11/01/2046 DD 10/21/16	54,561	68,691
	UNION PACIFIC CORP 3.950% 08/15/2059 DD 08/05/19	64,482	68,167
	UNITEDHEALTH GROUP INC 4.625% 07/15/2035 DD 07/23/15	63,805	68,024
	AT&T INC 4.550% 03/09/2049 DD 09/07/16	53,465	66,631
	KRAFT HEINZ FOODS CO 5.200% 07/15/2045 DD 07/15/16	59,774	66,243
	AETNA INC 3.875% 08/15/2047 DD 08/10/17	57,604	66,119
	SUNCOR ENERGY INC 6.800% 05/15/2038 DD 05/15/08	60,249	64,110
	UNION PACIFIC CORP 4.300% 03/01/2049 DD 02/19/19	54,613	63,556
	FIRSTENERGY CORP 7.375% 11/15/2031 DD 11/15/01	60,068	63,544
	JOHNSON CONTROLS INTERNATIONAL STEP 07/02/2064 DD 07/02/2016	63,413	63,485
	DOMINION ENERGY INC 4.050% 09/15/2042 DD 09/13/12	53,259	63,273
	FIRSTENERGY TRANSMISSION 144A 4.550% 04/01/2049 DD 03/28/19	55,111	63,054
	COMMONWEALTH EDISON CO 4.000% 03/01/2049 DD 02/19/19	54,402	62,284
	ANHEUSER-BUSCH INBEV WORLDWIDE 5.800% 01/23/2059 DD 01/23/19	45,432	61,458
	UNION ELECTRIC CO 4.000% 04/01/2048 DD 04/06/18	54,762	61,043
	MIDAMERICAN ENERGY CO 4.250% 07/15/2049 DD 01/09/19	49,859	60,026
	UNITED TECHNOLOGIES CORP 4.500% 06/01/2042 DD 06/01/12	48,749	59,946
	TEXAS EASTERN TRANSMISSIO 144A 4.150% 01/15/2048 DD 01/09/18	54,514	58,499
	AMERICAN INTERNATIONAL GROUP I 4.500% 07/16/2044 DD 07/16/14	48,188	57,676
	MOLSON COORS BEVERAGE CO 5.000% 05/01/2042 DD 05/03/12	49,572	56,860
	ALABAMA POWER CO 3.450% 10/01/2049 DD 09/17/19	54,816	56,431
	WASTE MANAGEMENT INC 4.000% 07/15/2039 DD 05/22/19	49,948	56,025
	CHARTER COMMUNICATIONS OPERATI 5.125% 07/01/2049 DD 07/10/19	51,742	54,417
	SOUTHERN CALIFORNIA EDISON CO 4.125% 03/01/2048 DD 03/05/18	48,372	53,425
	WESTERN MIDSTREAM OPERATING LP 5.450% 04/01/2044 DD 03/20/14	55,657	53,167
	GENERAL MOTORS CO 5.150% 04/01/2038 DD 08/07/17	49,969	51,149
	GEORGIA POWER CO 4.750% 09/01/2040 DD 08/31/10	45,510	51,044
	DISCOVERY COMMUNICATIONS LLC 5.000% 09/20/2037 DD 09/21/17	42,861	50,859
	SOUTHERN CALIFORNIA EDISON CO 5.950% 02/01/2038 DD 01/22/08	51,631	50,744
	UNITED TECHNOLOGIES CORP 4.625% 11/16/2048 DD 08/16/18	42,465	50,127
	ANTHEM INC 3.700% 09/15/2049 DD 09/09/19	49,695	49,923
	FEDEX CORP 4.750% 11/15/2045 DD 10/23/15	50,299	49,498
	PACIFIC LIFE INSURANCE CO 144A VAR RT 10/24/2067 DD 10/24/17	44,962	48,037
	BOEING CO/THE 5.875% 02/15/2040 DD 07/28/09	44,298	46,477
	BOEING CO/THE 3.500% 03/01/2039 DD 02/15/19	42,547	46,464
	COMCAST CORP 3.200% 07/15/2036 DD 07/19/16	38,173	46,071
	ALLERGAN FUNDING SCS 4.550% 03/15/2035 DD 03/12/15	39,953	45,915
	UNION PACIFIC CORP 144A 3.839% 03/20/2060 DD 11/20/19	47,070	45,658
	BROADCOM CORP / BROADCOM CAYMA 3.500% 01/15/2028 DD 10/17/17	40,123	45,283
	NUTRIEN LTD 4.900% 06/01/2043 DD 12/01/17	41,473	45,076
	CONSUMERS ENERGY CO 3.100% 08/15/2050 DD 09/03/19	44,871	44,921
	ASCENSION HEALTH 3.106% 11/15/2039 DD 10/23/19	45,000	44,207
	VODAFONE GROUP PLC 4.375% 02/19/2043 DD 02/19/13	36,140	42,959
	ENERGY TRANSFER OPERATING LP 6.250% 04/15/2049 DD 01/15/19	34,948	42,238
	UNITED TECHNOLOGIES CORP 4.450% 11/16/2038 DD 08/16/18	34,794	41,418
	UNITED TECHNOLOGIES CORP 4.050% 05/04/2047 DD 05/04/17	31,698	40,150

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Schedule H, Part IV, Line 4i - Schedule of Assets (Held at End of Year)

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(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(d) Cost	(e) Current value
		EVERGY METRO INC 4.200% 03/15/2048 DD 03/01/18	34,240	40,146
		BAYER US FINANCE II LLC 144A 3.950% 04/15/2045 DD 04/15/18	36,612	38,622
		FEDEX CORP 4.950% 10/17/2048 DD 10/17/18	39,003	38,264
		FEDEX CORP 4.550% 04/01/2046 DD 03/24/16	38,371	38,059
		VERIZON COMMUNICATIONS INC 5.250% 03/16/2037 DD 03/16/17	35,882	37,678
		OGLETHORPE POWER CORP 5.950% 11/01/2039 DD 11/03/09	37,874	37,490
		BURLINGTON NORTHERN SANTA FE L 4.550% 09/01/2044 DD 08/18/14	34,987	35,777
		WILLIAMS COS INC/THE 5.800% 11/15/2043 DD 11/15/13	33,859	35,730
		OCCIDENTAL PETROLEUM CORP 4.300% 08/15/2039 DD 08/08/19	34,818	35,689
		DOMINION ENERGY INC 4.600% 03/15/2049 DD 03/13/19	30,686	34,875
		PECO ENERGY CO 3.000% 09/15/2049 DD 09/10/19	34,712	33,639
		WILLIAMS COS INC/THE 6.300% 04/15/2040 DD 02/09/10	31,824	33,499
		GEORGIA POWER CO 5.650% 03/01/2037 DD 03/13/07	26,392	29,999
		APACHE CORP 4.750% 04/15/2043 DD 04/09/12	26,840	28,987
		NORTHERN STATES POWER CO/MN 2.900% 03/01/2050 DD 09/10/19	29,421	28,661
		DOMINION ENERGY SOUTH CAROLINA 6.625% 02/01/2032 DD 01/31/02	24,637	28,486
		CONSOLIDATED EDISON CO OF NEW 4.125% 05/15/2049 DD 05/09/19	24,991	28,410
		SUNOCO LOGISTICS PARTNERS OPER 5.400% 10/01/2047 DD 09/21/17	22,131	27,182
		ENERGY TRANSFER OPERATING LP 5.300% 04/15/2047 DD 01/17/17	23,497	26,689
		COMMONWEALTH EDISON CO 3.700% 03/01/2045 DD 03/02/15	27,163	26,615
		SEMPRA ENERGY 4.000% 02/01/2048 DD 01/12/18	26,568	26,278
		BOEING CO/THE 3.550% 03/01/2038 DD 02/23/18	23,867	25,937
		BAT CAPITAL CORP 4.758% 09/06/2049 DD 09/06/19	24,239	25,849
		WILLIAMS COS INC/THE 4.900% 01/15/2045 DD 06/27/14	22,056	24,834
		ANHEUSER-BUSCH INBEV WORLDWIDE 3.750% 07/15/2042 DD 07/16/12	19,125	24,816
		CHARTER COMMUNICATIONS OPERATI 6.484% 10/23/2045 DD 10/23/16	24,374	24,795
		WALT DISNEY CO/THE 5.400% 10/01/2043 DD 10/01/19	22,329	24,514
		WALT DISNEY CO/THE 6.400% 12/15/2035 DD 06/15/19	22,938	24,163
		VERIZON COMMUNICATIONS INC 4.522% 09/15/2048 DD 03/13/15	22,461	23,999
		UNITED TECHNOLOGIES CORP 4.150% 05/15/2045 DD 05/04/15	18,524	22,940
		AT&T INC 4.850% 07/15/2045 DD 01/15/19	19,986	22,843
		NORFOLK SOUTHERN CORP 3.942% 11/01/2047 DD 05/01/18	21,095	22,634
		APPLE INC 3.850% 05/04/2043 DD 05/03/13	21,375	22,423
		ORACLE CORP 4.000% 07/15/2046 DD 07/07/16	21,513	22,263
		GOLDMAN SACHS GROUP INC/THE VAR RT 04/23/2029 DD 01/23/18	20,000	21,458
		MIDAMERICAN ENERGY CO 3.150% 04/15/2050 DD 10/15/19	19,894	19,756
		SOUTHERN CALIFORNIA EDISON CO 5.625% 02/01/2036 DD 01/31/06	18,499	18,278
		ENERGY TRANSFER OPERATING LP 6.125% 12/15/2045 DD 06/23/15	17,063	17,396
		DISCOVERY COMMUNICATIONS LLC 4.950% 05/15/2042 DD 05/17/12	14,427	16,639
		JPMORGAN CHASE & CO VAR RT 05/01/2028 DD 04/25/17	15,138	15,938
		OCCIDENTAL PETROLEUM CORP 4.200% 03/15/2048 DD 03/02/18	14,808	14,901
		WALT DISNEY CO/THE 6.650% 11/15/2037 DD 11/15/19	13,937	14,865
		SOUTHERN CALIFORNIA EDISON CO 3.900% 03/15/2043 DD 03/07/13	11,794	12,310
		OCCIDENTAL PETROLEUM CORP 6.450% 09/15/2036 DD 09/15/19	13,076	12,284
		COX COMMUNICATIONS INC 144A 4.600% 08/15/2047 DD 08/07/17	9,809	12,215
		WILLIAMS COS INC/THE 5.750% 06/24/2044 DD 06/24/14	10,083	11,851
		JPMORGAN CHASE & CO VAR RT 01/23/2049 DD 01/23/18	10,000	11,255
		DUKE ENERGY PROGRESS LLC 3.700% 10/15/2046 DD 09/16/16	9,994	10,707
		CSX CORP 4.250% 11/01/2066 DD 10/18/16	8,820	10,698
		FEDEX CORP 4.050% 02/15/2048 DD 01/31/18	10,815	10,628
		TRANSCONTINENTAL GAS PIPE LINE 4.450% 08/01/2042 DD 07/13/12	10,415	10,535
		MPLX LP 4.500% 04/15/2038 DD 02/08/18	9,881	10,176
		AON PLC 4.750% 05/15/2045 DD 05/20/15	8,223	9,435
		VERIZON COMMUNICATIONS INC 4.862% 08/21/2046 DD 02/21/15	6,085	6,207
		ALABAMA POWER CO 4.300% 07/15/2048 DD 06/28/18	4,962	5,795
		CSX CORP 4.300% 03/01/2048 DD 02/20/18	4,896	5,680
		MPLX LP 4.700% 04/15/2048 DD 02/08/18	4,919	5,095
		COMMONWEALTH EDISON CO 4.350% 11/15/2045 DD 11/19/15	4,370	4,693
		Corporate Obligations Total	73,528,942	80,858,288
	U.S. Government Obligations			
		U S TREASURY BOND 3.000% 05/15/2047 DD 05/15/17	22,627,099	25,086,984
		U S TREASURY BOND 4.375% 05/15/2040 DD 05/15/10	10,475,515	11,021,292
		U S TREASURY BD PRIN STRIP 0.000% 08/15/2043 DD 08/15/13	4,970,245	5,929,898
		U S TREASURY BOND 4.375% 11/15/2039 DD 11/15/09	4,358,788	4,570,866
		U S TREASURY BOND 2.500% 02/15/2046 DD 02/15/16	3,696,097	3,919,928
		U S TREASURY BOND 3.750% 11/15/2043 DD 11/15/13	3,365,020	3,689,097
		U S TREASURY BD PRIN STRIP 0.000% 02/15/2040 DD 02/16/10	2,606,648	3,048,906
		U S TREASURY BOND 3.000% 08/15/2048 DD 08/15/18	2,521,900	2,478,375

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December 31, 2019

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(d) Cost	(e) Current value
		U S TREASURY BOND 2.250% 08/15/2046 DD 08/15/16	2,415,041	2,416,264
		U S TREASURY BOND 3.000% 02/15/2047 DD 02/15/17	1,965,481	2,221,123
		U S TREASURY NOTE 2.625% 02/15/2029 DD 02/15/19	2,168,341	2,115,797
		U S TREASURY NOTE 3.125% 11/15/2028 DD 11/15/18	1,605,106	1,628,400
		U S TREASURY BOND 3.000% 02/15/2049 DD 02/15/19	1,598,611	1,594,837
		U S TREASURY BOND 2.875% 11/15/2046 DD 11/15/16	1,390,481	1,550,450
		U S TREASURY NOTE 2.375% 05/15/2029 DD 05/15/19	1,289,344	1,248,144
		US TREAS-CPI INFLAT 0.375% 07/15/2027 DD 07/15/17	1,156,074	1,191,053
		U S TREASURY BOND 3.000% 02/15/2048 DD 02/15/18	924,584	1,014,327
		U S TREASURY BOND 3.125% 02/15/2043 DD 02/15/13	287,127	295,477
		US TREAS-CPI INFLAT 1.000% 02/15/2049 DD 02/15/19	116,157	113,628
		U.S. Government Obligations Total	69,537,659	75,134,846
	TOTAL 401(H) INVESTMENTS		359,453,978	454,647,738
	TOTAL INVESTMENTS		4,874,381,410	5,494,368,315

* Party-in-interest

Note: The information in this schedule has been certified as complete and accurate by Bank of New York Mellon/BNY Mellon, N.A., excluding information related to alternative investments, real estate and infrastructure.

American Electric Power System Retirement Plan
Schedule 3
Schedule H, Part IV, Line 4i - Schedule of Assets
(Acquired and Disposed of Within Year)
for the year ended December 31, 2019

(a) Identity of issue, borrower, lessor, or similar	(b) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(c) Cost of acquisitions	(d) Proceeds of dispositions
	US TREAS-CPI INFLAT 0.375% 07/15/2027 DD 07/15/17	(17,438,457)	17,753,884
	US TREAS-CPI INFLAT 0.375% 07/15/2027 DD 07/31/17	(17,367,794)	17,408,789
	US TREAS-CPI INFLAT FWD 0.375% 07/15/2027 DD 07/31/17	(17,028,473)	17,330,566
	US TREAS-CPI INFLAT FWD 0.375% 07/15/2027 DD 07/15/17	(16,862,937)	16,999,759
	U S TREASURY NOTE 0.375% 07/15/2027 DD 07/31/17	(16,821,327)	16,831,021
	US TREAS-CPI INFLAT FWD 0.375% 07/15/2027 DD 07/31/17	(16,514,210)	16,786,602
	US TREAS-CPI INFLATFWD 0.375% 07/15/2027 DD 07/15/17	(16,210,837)	16,484,862
	US ULTRA BOND (CBT) EXP SEP 19	-	15,047,407
	US TREAS-CPI INFLAT FWD 0.375% 07/15/2027 DD 07/15/17	(10,352,684)	10,243,839
	US TREASURY INFLATION FWD 0.375% 07/15/2027 DD 07/15/17	(10,261,032)	10,133,329
	US TREAS-CPI INFLAT FWD 0.875% 02/15/2047 DD 02/15/17	(6,776,725)	7,366,576
	US TREAS INFLAT INDEXED BONDS 0.875% 02/15/2047 DD 02/15/17	(7,027,838)	7,297,310
	US TREAS-CPI INFLAT FWD 0.875% 02/15/2047 DD 02/15/17	(7,368,795)	7,290,116
	US TREAS-CPI INFLAT FWD 0.875% 02/15/2047 DD 02/15/17	(7,301,424)	7,277,416
	US TREAS INFLAT INDEXED BONDS 0.875% 02/15/2047 DD 02/15/17	(7,301,227)	7,223,578
	CITIGROUP INC VAR RT 03/20/2030 DD 03/20/19	(6,738,184)	7,038,349
	US TR INFLATION INDX BND FWD 0.875% 02/15/2047 DD 02/15/17	(7,286,943)	7,021,952
	US TREAS-CPI INFLAT 0.875% 02/15/2047 DD 02/15/17	(6,767,069)	6,772,285
	US LONG BOND FUTURE (CBT) EXP DEC 19	-	6,643,926
	BRISTOL-MYERS SQUIBB CO 144A 2.900% 07/26/2024 DD 05/16/19	(6,344,690)	6,504,368
	US 2YR NOTE FUTURE (CBT) EXP SEP 19	-	5,860,548
	US TREAS-CPI INFLAT BONDS FWD 0.750% 02/15/2045 DD 02/27/15	(5,474,356)	5,484,088
	US TREAS-CPI INFLAT FWD 0.875% 02/15/2047 DD 02/28/17	(5,340,098)	5,427,216
	US TREAS-CPI INFLAT FWD 0.875% 02/15/2047 DD 02/28/17	(5,213,331)	5,332,944
	US TREAS-CPI INFLAT FWD 0.750% 02/15/2045 DD 02/15/15	(4,798,734)	5,203,396
	US TREAS INFLAT INDEXED BONDS 0.750% 02/15/2045 DD 02/15/15	(4,974,625)	5,161,121
	U S TREASURY NOTE FWD 1.500% 02/28/2023 DD 02/29/16	(5,040,909)	5,108,756
	US TREAS INFLAT INDEXED BONDS 0.750% 02/15/2045 DD 02/15/15	(5,164,000)	5,093,066
	US TREASURY NOTE FWD 1.500% 02/28/2023 DD 02/29/16	(5,071,174)	5,084,074
	U S TREASURY NOTE FWD 1.500% 02/28/2023 DD 02/29/16	(5,112,554)	5,083,281
	UNITED STATES T NOTE FWD 1.500% 02/28/2023 DD 02/29/16	(5,086,765)	5,069,525
	U S TREASURY NOTE FWD 1.500% 02/28/2023 DD 02/29/16	(5,003,607)	5,050,673
	US TREAS-CPI INFLAT FWD 0.750% 02/15/2045 DD 02/15/15	(4,955,387)	5,037,680
	U S TREASURY NOTE FWD 1.500% 02/28/2023 DD 02/29/16	(5,056,475)	5,036,917
	U S TREASURY NOTE FWD 1.500% 02/28/2023 DD 02/29/16	(4,948,757)	4,999,469
	US TREASURY INFLATION FWD 0.750% 02/15/2045 DD 02/15/15	(5,188,237)	4,969,899
	U S TREASURY NOTE FWD 1.500% 02/28/2023 DD 02/29/16	(4,906,191)	4,967,625
	UNITED STATES TREASURY NOTE 1.500% 02/28/2023 DD 02/29/16	(4,972,916)	4,944,140
	US TREAS-CPI INFLAT FWD 0.750% 02/15/2045 DD 02/15/15	(5,044,525)	4,930,526
	U S TREASURY NOTE FWD 1.500% 02/28/2023 DD 02/29/16	(4,888,902)	4,901,947
	US TREAS-CPI INFLAT 0.750% 02/15/2045 DD 02/27/15	(4,788,619)	4,795,298
	US TREAS INFLAT INDEXED NOTES 0.375% 07/15/2027 DD 07/31/17	(4,666,376)	4,693,774
	US TREAS INFLAT INDEXED NOTES 0.375% 07/15/2027 DD 07/15/17	(4,697,266)	4,693,620
	BANK OF MONTREAL 2.900% 03/26/2022 DD 03/26/19	(4,458,646)	4,556,763
	US TREAS-CPI INFLAT FWD 0.375% 01/15/2027 DD 01/15/17	(4,316,395)	4,396,883
	US TREAS INFLAT INDEXED NOTES 0.375% 01/15/2027 DD 01/15/17	(4,315,482)	4,342,499
	US TREAS INFLAT INDEXED NOTES 0.375% 01/15/2027 DD 01/15/17	(4,345,891)	4,341,912
	US TREAS-CPI INFLAT FWD 0.375% 01/15/2027 DD 01/15/17	(4,404,207)	4,340,512
	US TREASURY INFLATION FWD 0.375% 01/15/2027 DD 01/15/17	(4,347,795)	4,310,320
	U S TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(3,758,241)	4,219,126
	CITIGROUP INC VAR RT 04/24/2025 DD 04/24/19	(4,051,489)	4,185,072
	US TREAS-CPI INFLAT 0.875% 02/15/2047 DD 02/28/17	(4,134,442)	4,170,663
	US TREAS INFLAT INDEXED BONDS 0.875% 02/15/2047 DD 02/28/17	(3,999,472)	4,127,990
	U S TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(4,218,501)	4,056,380
	US TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(3,919,382)	3,988,080
	US TREASURY BND FWD 3.125% 02/15/2043 DD 02/15/13	(4,055,450)	3,921,914
	US TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(3,986,388)	3,914,444
	U S TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(3,712,061)	3,810,927
	US ULTRA BOND (CBT) EXP JUN 19	-	3,790,504
	US TREAS-CPI INFLAT 3.125% 02/15/2043 DD 02/15/13	(3,810,374)	3,759,702
	US 10YR ULTRA FUTURE (CBT) EXP JUN 19	-	3,747,992
	U S TREASURY BOND 3.125% 02/15/2043 DD 02/15/13	(3,560,088)	3,712,745
	US TREAS-CPI INFLAT 0.375% 01/15/2027 DD 01/31/17	(3,689,848)	3,690,455
	U S TREASURY NOTE FWD 2.000% 08/15/2025 DD 08/17/15	(3,513,178)	3,610,226
	US TREASURY BOND FWD VAR RT 02/15/2043 DD 02/15/13	(3,488,415)	3,585,750
	U S TREASURY NOTE FWD 2.000% 08/15/2025 DD 08/15/15	(3,611,431)	3,562,716
	US TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(3,584,792)	3,561,205

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(a) Identity of issue, borrower, lessor, or similar	(b) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(c) Cost of acquisitions	(d) Proceeds of dispositions
	US TREASURY NOTE FWD 2.000% 08/15/2025 DD 08/15/15	(3,549,111)	3,558,984
	US TREASURY NOTE FWD 2.000% 08/15/2025 DD 08/15/15	(3,563,932)	3,549,336
	U S TREASURY NOTE 2.000% 08/15/2025 DD 08/17/15	(3,468,768)	3,521,486
	U S TREASURY NOTE 2.000% 08/15/2025 DD 08/17/15	(3,523,665)	3,511,929
	U S TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(3,462,962)	3,489,703
	JPMORGAN CHASE & CO VAR RT 04/01/2023 DD 03/22/19	(3,441,867)	3,469,996
	U S TREASURY NOTE FWD 2.000% 08/15/2025 DD 08/15/15	(3,412,887)	3,467,149
	U S TREASURY NOTE 2.000% 08/15/2025 DD 08/17/15	(3,378,769)	3,430,834
	U S TREASURY NOTE 2.000% 08/15/2025 DD 08/17/15	(3,432,878)	3,411,175
	US 10YR NOTE FUTURE (CBT) EXP SEP 19	-	3,334,286
	U S TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(2,819,609)	3,155,433
	APPLE INC 3.200% 05/11/2027 DD 05/11/17	(3,104,031)	3,114,269
	U S TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(3,154,398)	3,032,119
	U S TREASURY NOTE FWD 2.250% 08/15/2027 DD 08/15/17	(2,892,187)	2,999,055
	US TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(2,940,492)	2,994,347
	FISERV INC 2.750% 07/01/2024 DD 06/24/19	(2,895,128)	2,946,719
	US TREASURY BND FWD 3.625% 08/15/2043 DD 08/15/13	(3,030,908)	2,942,874
	US TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(2,992,843)	2,940,652
	BRISTOL-MYERS SQUIBB CO 144A 3.200% 06/15/2026 DD 05/16/19	(2,872,166)	2,920,584
	US 10YR ULTRA FUTURE (CBT) EXP SEP 19	-	2,915,031
	US TREAS-CPI INFLAT FWD 0.875% 02/15/2047 DD 02/15/17	(2,951,577)	2,888,422
	U S TREASURY BOND 3.625% 08/15/2043 DD 08/15/13	(2,774,488)	2,846,222
	U S TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(2,845,328)	2,821,041
	U S TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(2,661,584)	2,775,492
	MEXICO GOVERNMENT INTERNATIONA 4.500% 04/22/2029 DD 01/22/19	(2,657,821)	2,760,367
	US TREAS-CPI INFLAT FWD 0.875% 01/15/2029 DD 01/15/19	(2,642,865)	2,726,567
	U S TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(2,618,180)	2,698,837
	US TREAS-CPI INFLAT FWD 0.875% 01/15/2029 DD 01/15/19	(2,730,118)	2,678,833
	U S TREASURY BOND 3.625% 08/15/2043 DD 08/15/13	(2,697,720)	2,662,917
	US TREAS-CPI INFLAT 0.875% 01/15/2029 DD 01/15/19	(2,636,280)	2,639,592
	BANK OF AMERICA CORP VAR RT 03/15/2025 DD 03/15/19	(2,592,353)	2,636,630
	US TREAS-CPI INFLAT FWD 0.875% 01/15/2029 DD 01/31/19	(2,581,254)	2,631,992
	U S TREASURY BONDFWD 3.625% 08/15/2043 DD 08/15/13	(2,607,992)	2,619,591
	US TREAS-CPI INFLAT FWD 0.875% 01/15/2029 DD 01/15/19	(2,554,955)	2,577,856
	WALT DISNEY CO/THE 144A 7.850% 03/01/2039 DD 03/20/19	(2,480,464)	2,573,293
	US TREAS-CPI INFLAT 0.875% 01/15/2029 DD 01/15/19	(2,539,618)	2,551,127
	HONG KONG GOVERNMENT INTE 144A 2.500% 05/28/2024 DD 05/28/19	(2,503,549)	2,542,860
	US TREAS-CPI INFLAT FWD 0.750% 02/15/2045 DD 02/27/15	(2,490,890)	2,534,880
	CITIGROUP INC VAR RT 10/27/2028 DD 10/27/17	(2,519,111)	2,519,499
	COMCAST CORP 3.700% 04/15/2024 DD 10/05/18	(2,447,048)	2,508,110
	JPMORGAN CHASE & CO VAR RT 01/29/2027 DD 01/29/19	(2,345,000)	2,498,234
	ROYAL BANK OF CANADA 2.800% 04/29/2022 DD 04/29/19	(2,343,992)	2,374,781
	US TREAS-CPI INFLAT FWD 0.750% 02/15/2045 DD 02/15/15	(2,199,700)	2,256,471
	WALT DISNEY CO/THE 144A 4.500% 02/15/2021 DD 03/20/19	(2,231,032)	2,233,242
	U S TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	(1,987,939)	2,232,549
	BANK OF AMERICA CORP VAR RT 04/23/2040 DD 04/23/19	(2,155,000)	2,204,560
	US TREAS-CPI INFLAT 0.750% 02/15/2045 DD 02/27/15	(2,180,618)	2,196,354
	WALT DISNEY CO/THE 6.650% 11/15/2037 DD 11/15/19	(2,041,741)	2,187,069
	US TREAS-CPI INFLAT FWD 0.750% 02/15/2045 DD 02/27/15	(2,115,596)	2,177,016
	U S TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	(2,232,513)	2,148,481
	US TREASURY INFLATION FWD 0.875% 01/15/2029 DD 01/15/19	(2,149,113)	2,133,378
	KRAFT HEINZ FOODS CO 144A 3.750% 04/01/2030 DD 09/25/19	(2,108,776)	2,131,596
	WRKCO INC 4.650% 03/15/2026 DD 12/03/18	(1,942,160)	2,120,837
	US TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	(2,077,608)	2,115,958
	US TREAS-CPI INFLAT BONDS FWD 2.125% 02/15/2041 DD 02/28/11	(2,097,900)	2,112,681
	US TREASURY BND FWD 2.750% 11/15/2042 DD 11/15/12	(2,148,316)	2,078,699
	US TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	(2,115,241)	2,077,947

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(a) Identity of issue, borrower, lessor, or similar party	(b) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(c) Cost of acquisitions	(d) Proceeds of dispositions
	QATAR GOVERNMENT INTERNAT 144A 4.000% 03/14/2029 DD 03/14/19	(1,938,173)	2,043,328
	CITIGROUP INC VAR RT 04/23/2029 DD 04/23/18	(2,010,455)	2,018,870
	U S TREASURY BOND 2.750% 11/15/2042 DD 11/15/12	(1,958,087)	2,009,896
	U S TREASURY BOND 2.750% 11/15/2042 DD 11/15/12	(2,009,996)	1,988,315
	PNC BANK NA 2.500% 01/22/2021 DD 01/22/18	(1,974,866)	1,976,777
	MICRON TECHNOLOGY INC 4.975% 02/06/2026 DD 02/06/19	(1,834,637)	1,967,762
	U S TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	(1,874,131)	1,958,161
	US TREAS INFLAT INDEXED NOTES 0.625% 04/15/2023 DD 04/15/18	(1,902,959)	1,906,500
	US TREAS INFLAT INDEXED NOTES 0.625% 04/15/2023 DD 04/15/18	(1,900,915)	1,901,772
	US TSRY INFLATION INDEX NOTES 0.625% 04/15/2023 DD 04/15/18	(1,902,432)	1,900,108
	U S TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	(1,840,108)	1,897,554
	U S TREASURY BOND 2.750% 11/15/2042 DD 11/15/12	(1,897,441)	1,874,394
	U S TREASURY BONDFWD 2.750% 11/15/2042 DD 11/15/12	(1,830,960)	1,840,481
	QATAR GOVERNMENT INTERNAT 144A 4.817% 03/14/2049	(1,773,225)	1,829,684
	CITIGROUP INC VAR RT 01/24/2023 DD 01/24/18	(1,775,357)	1,797,656
	US 2YR NOTE FUTURE (CBT) EXP JUN 19	-	1,769,192
	UNITED AIRLINES 2019-2 CLASS A 2.700% 11/01/2033 DD 09/13/19	(1,690,000)	1,700,174
	CVS HEALTH CORP 3.350% 03/09/2021 DD 03/09/18	(1,660,395)	1,678,021
	BANK OF AMERICA CORP VAR RT 03/05/2029 DD 03/05/18	(1,567,865)	1,597,170
	BANK OF AMERICA NA VAR RT 01/25/2023 DD 01/25/19	(1,550,000)	1,592,129
	TORONTO-DOMINION BANK/THE 2.650% 06/12/2024 DD 06/12/19	(1,554,782)	1,587,608
	US BANK NA/CINCINNATI OH VAR RT 05/21/2021 DD 05/24/18	(1,577,820)	1,579,402
	KEURIG DR PEPPER INC 4.417% 05/25/2025 DD 05/25/19	(1,450,000)	1,576,355
	BANK OF AMERICA CORP VAR RT 05/17/2022 DD 05/17/18	(1,496,614)	1,505,110
	US TREAS INFLAT INDEXED NOTES 0.500% 01/15/2028 DD 01/15/18	(1,469,201)	1,468,215
	US TREAS INFLAT INDEXED NOTES 0.500% 01/15/2028 DD 01/15/18	(1,458,635)	1,468,171
	ROYAL BANK OF CANADA 2.550% 07/16/2024 DD 07/16/19	(1,442,515)	1,460,903
	US TREASURY INFLATION FWD 0.500% 01/15/2028 DD 01/15/18	(1,470,985)	1,457,061
	US TREAS INFLAT INDEXED NOTES 0.250% 07/15/2029 DD 07/15/19	(1,459,534)	1,454,499
	VERIZON COMMUNICATIONS IN 144A 4.016% 12/03/2029 DD 02/28/19	(1,318,961)	1,411,186
	DAIMLER FINANCE NORTH AME 144A 2.700% 06/14/2024 DD 08/15/19	(1,377,613)	1,390,350
	US 10YR ULTRA FUTURE (CBT) EXP DEC 19	-	1,335,163
	US TREAS INFLAT INDEXED NOTES 0.875% 01/15/2029 DD 01/15/19	(1,329,526)	1,329,786
	US TREAS INFLAT INDEXED NOTES 0.875% 01/15/2029 DD 01/15/19	(1,320,769)	1,328,831
	BANK OF MONTREAL VAR RT 12/15/2032 DD 12/12/17	(1,295,437)	1,310,930
	JPMORGAN CHASE & CO VAR RT 04/25/2023 DD 04/25/17	(1,299,456)	1,297,597
	COMMONSPIRIT HEALTH 4.187% 10/01/2049 DD 08/21/19	(1,317,293)	1,289,849
	BMW FINANCE NV 144A 2.850% 08/14/2029 DD 08/14/19	(1,281,678)	1,285,790
	BRISTOL-MYERS SQUIBB CO 144A 4.125% 06/15/2039 DD 05/16/19	(1,200,879)	1,226,859
	US TREAS INFLAT INDEXED NOTES 0.625% 01/15/2026 DD 01/15/16	(1,211,382)	1,211,469
	US TREAS INFLAT INDEXED NOTES 0.625% 01/15/2026 DD 01/15/16	(1,207,505)	1,210,627
	NOBLE ENERGY INC 3.900% 11/15/2024 DD 11/07/14	(1,138,039)	1,188,518
	NESTLE HOLDINGS INC 144A 3.500% 09/24/2025 DD 09/24/18	(1,126,067)	1,170,270
	MICROCHIP TECHNOLOGY INC 3.922% 06/01/2021 DD 05/29/18	(1,135,000)	1,158,086
	MEXICO GOVERNMENT INTERNATIONA 4.125% 01/21/2026 DD 01/21/16	(1,136,812)	1,148,125
	IMPERIAL BRANDS FINANCE P 144A 3.125% 07/26/2024 DD 07/26/19	(1,114,456)	1,121,994
	KAISER FOUNDATION HOSPITALS 3.150% 05/01/2027 DD 05/03/17	(1,029,612)	1,084,377
	BANK OF AMERICA CORP VAR RT 01/20/2028 DD 01/20/17	(1,075,810)	1,076,900
	NOBLE ENERGY INC 3.250% 10/15/2029 DD 10/01/19	(1,039,813)	1,031,472
	REGIONS BANK/BIRMINGHAM AL 2.750% 04/01/2021 DD 01/26/18	(923,741)	933,862
	WEA FINANCE LLC 144A 3.500% 06/15/2029 DD 06/10/19	(935,129)	929,690
	AT&T INC 3.875% 01/15/2026 DD 01/15/19	(823,385)	888,231
	INFRASTRUCTURA ENERGETIC 144A 4.875% 01/14/2048	(780,924)	845,829
	GLENCORE FUNDING LLC 144A 4.875% 03/12/2029 DD 03/12/19	(817,227)	830,331
	NEXTERA ENERGY CAPITAL HOLDING 2.403% 09/01/2021 DD 08/08/19	(827,021)	829,626
	ABBVIE INC 144A 2.300% 11/21/2022 DD 11/21/19	(824,191)	826,819
	ENERGY TRANSFER OPERATING LP 4.950% 06/15/2028 DD 06/08/18	(771,963)	814,173

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	NATIONAL RURAL UTILITIES COOPE 3.700% 03/15/2029 DD 01/31/19	(708,417)	789,193
	AXA EQUITABLE HOLDINGS INC 4.350% 04/20/2028 DD 10/20/18	(768,175)	768,773
	WRKCO INC 4.900% 03/15/2029 DD 12/03/18	(762,811)	756,311
	O'REILLY AUTOMOTIVE INC 3.900% 06/01/2029 DD 05/20/19	(714,936)	753,496
	ALCON FINANCE CORP 144A 2.750% 09/23/2026 DD 09/23/19	(746,310)	752,010
	SAUDI ARABIAN OIL CO 144A 2.875% 04/16/2024 DD 04/16/19	(688,755)	711,998
	AMERICAN EXPRESS CO 3.375% 05/17/2021 DD 05/17/18	(703,396)	709,512
	DISCOVERY COMMUNICATIONS LLC 5.300% 05/15/2049 DD 05/21/19	(690,442)	699,894
	MITSUBISHI UFJ FINANCIAL GROUP 3.741% 03/07/2029 DD 03/07/19	(668,696)	673,563
	INDONESIA GOVERNMENT INTERNATI 3.500% 01/11/2028 DD 12/11/17	(654,087)	668,325
	GOLDMAN SACHS GROUP INC/THE VAR RT 06/05/2023 DD 06/05/17	(635,304)	650,881
	DISCOVERY COMMUNICATIONS LLC 3.950% 06/15/2025 DD 12/15/18	(625,812)	650,765
	BOLSAS Y MERCADOS ESPANOL SH	(419,608)	626,376
	BRISTOL-MYERS SQUIBB CO 144A 3.400% 07/26/2029 DD 05/16/19	(595,050)	626,046
	DISCOVERY COMMUNICATIONS LLC 4.125% 05/15/2029 DD 05/21/19	(598,980)	622,338
	WALT DISNEY CO/THE 144A 6.400% 12/15/2035 DD 03/20/19	(590,985)	613,073
	US TREAS-CPI INFLAT FWD 0.500% 01/15/2028 DD 01/15/18	(583,937)	581,690
	LIBERTY MUTUAL GROUP INC 144A 4.500% 06/15/2049 DD 06/11/19	(528,517)	575,537
	DISCOVERY COMMUNICATIONS LLC 2.800% 06/15/2020 DD 12/15/18	(566,173)	572,224
	UBS GROUP AG 144A VAR RT 08/13/2030 DD 08/13/19	(545,000)	556,298
	NIAGARA MOHAWK POWER CORP 144A 3.508% 10/01/2024 DD 09/25/14	(541,087)	542,174
	FIFTH THIRD BANCORP 3.650% 01/25/2024 DD 01/25/19	(519,033)	524,061
	CREDIT SUISSE GROUP AG 144A VAR RT 01/12/2029 DD 01/12/18	(480,699)	520,516
	SOUTHERN CALIFORNIA EDISON CO 2.850% 08/01/2029 DD 08/06/19	(499,225)	507,190
	CELGENE CORP 3.875% 08/15/2025 DD 08/12/15	(448,732)	491,577
	COMCAST CORP 3.450% 02/01/2050 DD 11/05/19	(458,901)	470,585
	BANK OF AMERICA CORP VAR RT 01/23/2026 DD 01/23/18	(456,028)	470,283
	MARS INC 144A 3.200% 04/01/2030 DD 03/29/19	(438,702)	456,883
	MARATHON PETROLEUM CORP 5.125% 12/15/2026 DD 12/15/18	(444,256)	448,724
	ALCON INC	(357,241)	445,079
	WALT DISNEY CO/THE 4.500% 02/15/2021 DD 08/15/19	(438,455)	439,072
	SHANGHAI FOSUN PHARMACEUTICAL HK/02196	(425,230)	431,320
	DOW CHEMICAL CO/THE 144A 4.800% 05/15/2049 DD 05/20/19	(400,650)	431,100
	PETROLEOS MEXICANOS 6.750% 09/21/2047 DD 09/21/16	(437,249)	429,029
	WALT DISNEY CO/THE 144A 6.150% 03/01/2037 DD 03/20/19	(403,722)	421,528
	AT&T INC 3.600% 07/15/2025 DD 01/15/19	(398,112)	418,836
	VODAFONE GROUP PLC 4.875% 06/19/2049 DD 06/19/19	(358,616)	405,387
	TENCENT HOLDINGS LTD 144A 3.575% 04/11/2026 DD 04/11/19	(394,976)	395,514
	VODAFONE GROUP PLC 4.125% 05/30/2025 DD 05/30/18	(360,292)	387,490
	GOLDMAN SACHS GROUP INC/THE VAR RT 09/29/2025 DD 09/29/17	(350,686)	358,068
	ABBVIE INC 144A 2.600% 11/21/2024 DD 11/21/19	(354,750)	356,484
	STEEL DYNAMICS INC 2.800% 12/15/2024 DD 12/11/19	(354,734)	355,717
	MARS INC 144A 3.600% 04/01/2034 DD 03/29/19	(338,749)	339,096
	ABBVIE INC 144A 3.200% 11/21/2029 DD 11/21/19	(314,921)	320,182
	ONCOR ELECTRIC DELIVERY CO LLC 5.750% 03/15/2029 DD 11/30/18	(284,075)	312,615
	CHILE GOVERNMENT INTERNATIONAL 3.240% 02/06/2028 DD 02/06/18	(291,740)	301,890
	MARATHON PETROLEUM CORP 4.500% 04/01/2048 DD 04/01/19	(307,339)	295,025
	US 10 YR TREAS NTS FUTURE (CBT EXP JUN 19	-	294,345
	COMMONWEALTH BANK OF AUST 144A 3.743% 09/12/2039 DD 09/12/19	(290,000)	289,063
	FOX CORP 144A 3.666% 01/25/2022 DD 01/25/19	(250,000)	258,593
	US TREAS-CPI INFLAT FWD 0.750% 02/15/2045 DD 02/15/15	(249,004)	250,090
	US TREAS-CPI INFLAT FWD 0.750% 02/15/2045 DD 02/15/15	(251,184)	248,613
	WORLDLINE SA/FRANCE	(211,639)	243,223
	COMCAST CORP 2.650% 02/01/2030 DD 11/05/19	(224,665)	224,165
	CYRUSONE LP / CYRUSONE FINANCE 2.900% 11/15/2024 DD 12/05/19	(219,690)	220,999
	COLOMBIA GOVERNMENT INTERNATIO 2.625% 03/15/2023 DD 01/29/13	(204,898)	206,230
	PEARSON PLC	(218,598)	188,799

American Electric Power System Retirement Plan

Schedule 3

Schedule H, Part IV, Line 4i - Schedule of Assets

(Acquired and Disposed of Within Year)

for the year ended December 31, 2019

(a) Identity of issue, borrower, lessor, or similar	(b) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(c) Cost of acquisitions	(d) Proceeds of dispositions
	ADEVINTA ASA	(169,152)	182,443
	MEDIASET ESPANA COMUNICACION S	(156,957)	169,487
	INFINEON TECHNOLOGIES AG	(163,818)	165,395
	DEUTSCHE BANK AG	(85,328)	80,767
	MAERSK DRILLING A/S	(90,621)	73,362
	DURATEX SA	(47,971)	44,824
	PENSKE TRUCK LEASING CO L 144A 3.450% 07/01/2024 DD 05/01/19	(39,906)	41,575
	CCP_IRS. P USD-LIBOR-BBA 3M CM REC 1.7% 2030 NOV 23	-	1,842
	CCP_IRS._R USD-LIBOR-BBA 3M CM PAY 1.69% 2030 NOV 23	-	(725)
	CCP_IRS._R USD-LIBOR-BBA 3M CM PAY 1.7% 2030 NOV 23	-	(857)
	90DAY EURO\$ FUTURE (CME) EXP JUN 19	-	(17,150)
	90DAY EURO\$ FUTURE (CME) EXP JUN 20	-	(62,413)
	USD IRS 10YR PRIM FUTURE (CBT) EXP MAR 19	-	(260,461)
	USD IRS 10YR PRIM FUTURE (CBT) EXP JUN 19	-	(272,359)
	US 10YR NOTE FUTURE (CBT) EXP DEC 19	-	(539,781)
	US TREAS-CPI INFLAT 1.000% 02/15/2048 DD 02/15/18	668,912	(683,392)
	US TREAS-CPI INFLAT INDEXED 1.000% 02/15/2049 DD 02/15/19	949,643	(987,397)
	US 5YR TREAS NTS FUTURE (CBT) EXP DEC 19	-	(1,015,463)
	US 2YR TREAS NTS FUT (CBT) EXP DEC 19	-	(1,400,423)
	US TSRY INFLATION INDEX NOTES 0.500% 04/15/2024 DD 04/15/19	1,455,252	(1,452,030)
	US 5YR NOTE FUTURE (CBT) EXP JUN 19	-	(1,901,562)
	US TREAS-CPI INFLAT FWD 1.000% 02/15/2049 DD 02/15/19	2,242,180	(2,283,341)
	US TREAS-CPI INFLAT FWD 1.000% 02/15/2048 DD 02/28/18	2,897,997	(2,833,218)
	US ULTRA BOND (CBT) EXP DEC 19	-	(3,994,766)
	US TREAS-CPI INFLAT FWD 1.000% 02/15/2048 DD 02/15/18	4,795,610	(4,921,600)
	US TREASURY INFLAT INDEXED BDS 1.000% 02/15/2048 DD 02/15/18	5,089,953	(5,076,437)
	US TREAS INFLAT INDEXED BONDS 3.125% 02/15/2043 DD 02/15/13	4,927,339	(5,082,982)
	US TREAS-CPI INFLAT 1.000% 02/15/2049 DD 02/28/19	5,260,036	(5,309,794)
	US TREAS BOND FUTURE (CBT) EXP JUN 19	-	(5,480,014)
	U S TREASURY BOND 0.500% 04/15/2024 DD 04/15/19	5,802,700	(5,799,831)
	US 5YR NOTE FUTURE (CBT) EXP SEP 19	-	(6,162,346)
	US TREAS-CPI INFLAT FWD 0.500% 04/15/2024 DD 04/15/19	6,842,092	(6,791,379)
	US TR INFLATION INDX BND FWD 0.500% 04/15/2024 DD 04/15/19	6,792,862	(6,796,660)
	US TREAS-CPI INFLAT FWD 0.500% 04/15/2024 DD 04/15/19	6,779,515	(6,834,631)
	US TREAS-CPI INFLAT FWD 1.000% 02/15/2049 DD 02/15/19	6,961,886	(7,131,925)
	US TREAS-CPI INFLAT FWD 1.000% 02/15/2049 DD 02/15/19	7,140,327	(7,254,878)
	US TREAS-CPI INFLAT FWD 1.000% 02/15/2049 DD 02/15/19	9,572,196	(9,473,690)
	US TREAS INFLAT INDEXED NOTES 0.500% 04/15/2024 DD 04/15/19	9,897,541	(9,914,934)
	US TREAS INFLAT INDEXED NOTES 0.500% 04/15/2024 DD 04/15/19	9,920,760	(9,937,366)
	U S TREASURY NOTE 1.000% 02/15/2049 DD 02/15/19	10,774,270	(10,808,558)
	US TREASURY INFLATION FWD 1.000% 02/15/2049 DD 02/15/19	11,707,500	(11,209,061)
	US TREAS INFLAT INDEXED BONDS 1.000% 02/15/2049 DD 02/15/19	11,658,936	(11,514,680)
	US TREAS INFLAT INDEXED BONDS 1.000% 02/15/2049 DD 02/15/19	11,215,971	(11,654,797)
	US TREAS-CPI INFLAT FWD 1.000% 02/15/2049 DD 02/15/19	11,766,308	(11,694,743)
	US TREAS-CPI INFLAT FWD 1.000% 02/15/2049 DD 02/15/19	10,811,998	(11,818,278)
	U S TREASURY NOTE FWD 2.250% 08/15/2027 DD 08/15/17	14,892,442	(14,982,407)
	US LONG BOND FUTURE (CBT) EXP SEP 19	-	(20,825,500)
Total Assets Acquired and Disposed of Within Year		(470,023,032)	479,217,961

Note: The information in this schedule has been certified as complete and accurate by Bank of New York Mellon/BNY Mellon, N.A., excluding information related to alternative investments, real estate and infrastructure.