

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 2020 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2020 or fiscal plan year beginning <u>01/01/2020</u> and ending <u>12/31/2020</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>	1b	Three-digit plan number (PN) ▶ <u>001</u>
		1c	Effective date of plan <u>12/01/1940</u>
2a	Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>AMERICAN ELECTRIC POWER SERVICE CORPORATION</u> <u>1 RIVERSIDE PLAZA</u> <u>COLUMBUS, OH 43215</u>	2b	Employer Identification Number (EIN) <u>13-4922641</u>
		2c	Plan Sponsor's telephone number <u>614-716-1000</u>
		2d	Business code (see instructions) <u>221100</u>

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

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

SIGN HERE	Filed with authorized/valid electronic signature.	11/15/2022	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 (2020)
v. 200204

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	35096
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d).			
a(1) Total number of active participants at the beginning of the plan year.....		6a(1)	16504
a(2) Total number of active participants at the end of the plan year		6a(2)	16478
b Retired or separated participants receiving benefits.....		6b	11327
c Other retired or separated participants entitled to future benefits		6c	3529
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d	31334
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e	3371
f Total. Add lines 6d and 6e		6f	34705
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)		6g	
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested		6h	108
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	
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)			
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☒ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary		b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☐ <u>0</u> A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)	

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

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

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

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

11c Enter the Receipt Confirmation Code for the 2020 Form M-1 annual report. If the plan was not required to file the 2020 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 2020 This Form is Open to Public Inspection
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For calendar plan year 2020 or fiscal plan year beginning 01/01/2020 and ending 12/31/2020	
▶ 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 2020			
2	Assets:			
a	Market value	2a	5156584961	
b	Actuarial value	2b	5096276699	
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a	For retired participants and beneficiaries receiving payment.....	15017	2333036493	2333036493
b	For terminated vested participants.....	3575	245000985	245000985
c	For active participants	16655	1685392207	1699221089
d	Total.....	35247	4263429685	4277258567
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	5.25 %	
6	Target normal cost.....	6	101389545	

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	10/05/2021
Type or print name of actuary	Date
WILLIS TOWERS WATSON US LLC	20-06491
Firm name	Most recent enrollment number
1001 LAKESIDE AVENUE SUITE 1500 CLEVELAND, OH 44114-1172	216-937-4000
Address of the firm	Telephone number (including area code)

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)	168455209	721752382
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)	168455209	721752382
10 Interest on line 9 using prior year's actual return of <u>15.88</u> %	26750687	114614278
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year)		7558372
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>5.43</u> %		410420
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		7968792
d Portion of (c) to be added to prefunding balance		7968792
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)	195205896	844335452

Part III Funding Percentages

14 Funding target attainment percentage	14	94.84 %
15 Adjusted funding target attainment percentage	15	119.14 %
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	96.73 %
17 If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

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

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

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

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

20 Quarterly contributions and liquidity shortfalls:

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

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

Part V Assumptions Used to Determine Funding Target and Target Normal Cost**21** Discount rate:**a** Segment rates:1st segment:
3.64 %2nd segment:
5.21 %3rd segment:
5.94 %☐ N/A, full yield curve used**b** Applicable month (enter code)**21b**

3

22 Weighted average retirement age**22**

63

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** 101389545**b** Excess assets, if applicable, but not greater than line 31a **31b** 0**32** Amortization installments:**a** Net shortfall amortization installment Outstanding Balance 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** 101389545

	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	101389545	0	101389545

36 Additional cash requirement (line 34 minus line 35) **36** 0**37** Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c) **37** 0**38** Present value of excess contributions for current year (see instructions)**a** Total (excess, if any, of line 37 over line 36) **38a** 0**b** Portion included in line 38a attributable to use of prefunding and funding standard carryover balances **38b** 0**39** Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37) **39** 0**40** Unpaid minimum required contributions for all years **40** 0**Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)****41** If an election was made to use PRA 2010 funding relief for this plan:**a** Schedule elected ☐ 2 plus 7 years ☐ 15 years**b** Eligible plan year(s) for which the election in line 41a was made ☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011

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
		2020
		This Form is Open to Public Inspection.
For calendar plan year 2020 or fiscal plan year beginning 01/01/2020 and ending 12/31/2020		
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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(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

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	1444929	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

(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	1419296	Yes ☐ No ☒	Yes ☐ No ☐		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	1335220	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)

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	1228364	Yes ☒ No ☐	Yes ☒ No ☐	0	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	1175236	Yes ☐ No ☒	Yes ☐ No ☐		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	1141726	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)

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	1124746	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	1084820	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(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	1059688	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)

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	923877	Yes ☒ No ☐	Yes ☒ No ☐	0	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	923325	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	398382	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)

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	375267	Yes ☐ No ☒	Yes ☐ No ☐		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	348128	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(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	315546	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)

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	233830	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	150883	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(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	142200	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)

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	61809	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

BDO USA, LLP

13-5381590

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10 50	NONE	15600	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:	PRICEWATERHOUSECOOPERS LLP	b EIN:	13-4008324
c Position:	AUDITOR		
d Address:	41 SOUTH HIGH STREET SUITE 2500 COLUMBUS, OH 43215	e Telephone:	614-225-8700

Explanation: PLAN SPONSOR ENGAGED A NEW FIRM TO PERFORM THE PLAN AUDIT.

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 2020 This Form is Open to Public Inspection.
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For calendar plan year 2020 or fiscal plan year beginning 01/01/2020 and ending 12/31/2020

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>18016887</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>751977641</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>4955788</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>176173460</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>57104937</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 2020 This Form is Open to Public Inspection
For calendar plan year 2020 or fiscal plan year beginning 01/01/2020 and ending 12/31/2020		
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			
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)	111538000	0
(2) Participant contributions.....	1b(2)		
(3) Other	1b(3)	1763412	1338000
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)	32483249	57770094
(2) U.S. Government securities	1c(2)	1318812496	1206307410
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)	0	41426557
(B) All other	1c(3)(B)	1440684094	1695520275
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)	0	76538
(B) Common	1c(4)(B)	1002850165	1236038632
(5) Partnership/joint venture interests	1c(5)	751626794	732164686
(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)	870202941	1003269225
(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)	3160207	4955788
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	14362290	0
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other.....	1c(15)	389286737	321295266

		(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	5936770385	6300162471

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h	48648823	40305372
i Acquisition indebtedness.....	1i		
j Other liabilities.....	1j	278585782	218191750
k Total liabilities (add all amounts in lines 1g through 1j)	1k	327234605	258497122

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	5609535780	6041665349
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Part II Income and Expense Statement

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

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)		
(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)		0
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit).....	2b(1)(A)	-2459	
(B) U.S. Government securities	2b(1)(B)	25358014	
(C) Corporate debt instruments	2b(1)(C)	57891557	
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans.....	2b(1)(E)		
(F) Other	2b(1)(F)	3657145	
(G) Total interest. Add lines 2b(1)(A) through (F).....	2b(1)(G)		86904257
(2) Dividends: (A) Preferred stock.....	2b(2)(A)	67867	
(B) Common stock	2b(2)(B)	14785357	
(C) Registered investment company shares (e.g. mutual funds).....	2b(2)(C)	21504	
(D) Total dividends. Add lines 2b(2)(A) , (B), and (C)	2b(2)(D)		14874728
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	3532174718	
(B) Aggregate carrying amount (see instructions).....	2b(4)(B)	3353220610	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		178954108
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)	450148016	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		450148016

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts.....	2b(6)		156736046
(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)		295581
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		-2498768
c Other income	2c		22399238
d Total income. Add all income amounts in column (b) and enter total.....	2d		907813206

Expenses**e** Benefit payment and payments to provide benefits:

(1) Directly to participants or beneficiaries, including direct rollovers.....	2e(1)	401862256	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other.....	2e(3)	55353526	
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		457215782
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)	-213617	
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)	11216379	
(4) Other.....	2i(4)	7465093	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		18467855
j Total expenses. Add all expense amounts in column (b) and enter total.....	2j		475683637

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		432129569
l Transfers of assets:			
(1) To this plan.....	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

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

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

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

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☒ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☐ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

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

(1) Name: **BDO USA, LLP**

(2) EIN: **13-5381590**

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.)

	Yes	No	Amount
4a		X	

	Yes	No	Amount
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.)			
4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)			
4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)			
4d		X	
e Was this plan covered by a fidelity bond?	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?			
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	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 Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☒ Yes ☐ No ☐ Not determined If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 441418 _____.			

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 2020 This Form is Open to Public Inspection.
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For calendar plan year 2020 or fiscal plan year beginning 01/01/2020 and ending 12/31/2020

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

Part I	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	<u>0</u>
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): <u>13-5160382</u>		
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	<u>896</u>

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) 2020
v. 200204

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 deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:

a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment).....

14a

b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....

14b

c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....

14c

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

a The corresponding number for the plan year immediately preceding the current plan year.....

15a

b The corresponding number for the second preceding plan year.....

15b

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

a Enter the number of employers who withdrew during the preceding plan year.....

16a

b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers.....

16b

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

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

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

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

a Enter the percentage of plan assets held as:

Stock: 33.6 % Investment-Grade Debt: 50.9 % High-Yield Debt: 2.2 % Real Estate: 4.2 % Other: 9.1 %

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
and ERISA-Required Supplemental Schedules
Years Ended December 31, 2020 and 2019**

American Electric Power System Retirement Plan

Financial Statements and ERISA-Required Supplemental Schedules
Years Ended December 31, 2020 and 2019

American Electric Power System Retirement Plan

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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.



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Independent Auditor's Report

To the Plan Administrator of
American Electric Power System Retirement Plan
Columbus, Ohio

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit for the 2020 Financial Statements

We have performed an audit of the financial statements of American Electric Power System Retirement Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C). The financial statements comprise the statements of net assets available for benefits and of accumulated plan benefits as of December 31, 2020, and the related statements of changes in net assets available for benefits and of changes in accumulated plan benefits for the year then ended, and the related notes to the financial statements (2020 financial statements).

Management, having determined it is permissible in the circumstances, has elected to have the audit of the 2020 financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under ERISA (ERISA Section 103(a)(3)(C) audit). As permitted by ERISA Section 103(a)(3)(C), our audit need not extend to any statements or information related to assets held for investment of the Plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency (qualified institution), provided that the investment information is prepared and certified to by the qualified institution in accordance with 29 CFR 2520.103-5 of the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

Management has obtained a certification from a qualified institution as of December 31, 2020, and for the year then ended, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

Opinion on the 2020 Financial Statements

In our opinion, based on our audit and the procedures performed as described in the *Auditor's Responsibilities for the Audit of the 2020 Financial Statements* section of our report:

- The amounts and disclosures in the accompanying 2020 financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America (U.S. GAAP).
- The certified investment information in the accompanying 2020 financial statements agree to, or is derived from, in all material respects, the information prepared and certified by a qualified institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).



Basis for Opinion on the 2020 Financial Statements

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (U.S. GAAS). Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the 2020 Financial Statements* section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with U.S. GAAP, and for 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. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern within one year after the date that the financial statements are issued or available to be issued.

Management is responsible for maintaining a current plan instrument, including all plan amendments. Management is also responsible for administering the Plan and determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditor's Responsibilities for the Audit of the 2020 Financial Statements

Except as described in the *Scope and Nature of the ERISA Section 103(a)(3)(C) Audit of the 2020 Financial Statements* section of our report, our objectives are to obtain reasonable assurance about whether the 2020 financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with U.S. GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if, there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.



In performing an audit in accordance with U.S. GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

Our audit did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the 2020 financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of U.S. GAAP.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the 2020 financial statements as a whole are presented fairly, in all material respects, in accordance with U.S. GAAP.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Other Matter – 2020 Supplemental Schedules Required by ERISA

The 2020 supplemental schedules of Schedule H, Line 4i - Schedule of Assets (Held at End of Year) as of December 31, 2020, Schedule H, Line 4j - Schedule of Reportable Transactions for the year ended December 31, 2020, and Schedule H, Line 4i - Schedule of Assets (Acquired and Disposed of Within Year) for the year ended December 31, 2020 are presented for purposes of additional analysis and are not a required part of the 2020 financial statements but are supplementary information required by the DOL's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the 2020 financial statements. The information included in the supplemental schedules, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audits of the 2020 financial statements and certain additional procedures, including



comparing and reconciling such information directly to the underlying accounting and other records used to prepare the 2020 financial statements or to the 2020 financial statements themselves, and other additional procedures in accordance with U.S. GAAS. For information included in the supplemental schedules that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedules, we evaluated whether the supplemental schedules, other than the information agreed to or derived from the certified investment information, including their form and content, are presented in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion:

- The form and content of the supplemental schedules, other than the information in the supplemental schedules that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.
- The certified investment information in the supplemental schedules agrees to, or are derived from, in all material respects, the information prepared and certified by a qualified institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Other Matter – Report on the 2019 Financial Statements

The financial statements of the Plan as of and for the year ended December 31, 2019 were audited by predecessor auditors. As permitted by 29 CFR 2520.103-8 of the DOL's Rules and Regulations or Reporting and Disclosure under ERISA, the Plan Administrator instructed them not to perform, and they did not perform, any auditing procedures with respect to the information certified by the qualified institution. Their audit report, dated August 26, 2021, indicated that (a) because of the significance of the information that they did not audit, they were not able to obtain sufficient appropriate audit evidence to provide a basis for an opinion and accordingly, they did not express an opinion on the 2019 financial statements, and (b) the form and content of the information included in the 2019 financial statements other than that derived from the information certified by the qualified institution were presented in compliance with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

BDO USA, LLP

November 15, 2022

American Electric Power System Retirement Plan

Statements of Net Assets Available for Benefits

<i>December 31,</i>	2020	2019
Assets		
Investments at fair value:		
Short-term investments	\$ 50,548,537	\$ 25,379,252
Corporate stock (including securities on loan of \$46,024,528 for 2020 and \$84,057,148 for 2019)	1,219,726,752	997,652,810
U.S. government obligations (including securities on loan of \$121,490,753 for 2020 and \$158,960,654 for 2019)	1,133,728,549	1,243,677,650
Corporate obligations (including securities on loan of \$9,753,941 for 2020 and \$3,453,001 for 2019)	1,641,435,999	1,359,825,806
State and local government obligations	56,059,469	55,100,326
Common/collective trusts and commingled fund	707,687,956	583,940,299
Partnership/joint venture interests	755,137,361	774,144,434
Total Investments, at fair value	5,564,324,623	5,039,720,577
Contribution receivables	-	111,538,000
Collateral held under securities lending (Note 5)	179,838,555	250,730,134
Net assets held in 401(h) account at fair value (Note 6)	478,022,996	455,418,904
Due from broker for securities sold	19,676,485	31,223,094
Accrued dividend and interest income	58,296,466	47,895,311
Total Assets	6,300,159,125	5,936,526,020
Liabilities		
Due to broker for securities purchased	40,302,026	48,404,458
Investment advisory and other fees payable	36,814,873	26,247,161
Obligation under securities lending (Note 5)	181,376,877	252,338,621
Payables for investments held in 401(h) account at fair value (Note 6)	478,022,996	455,418,904
Total Liabilities	736,516,772	782,409,144
Net Assets Available for Benefits	\$ 5,563,642,353	\$ 5,154,116,876

See accompanying notes to financial statements.

American Electric Power System Retirement Plan

Statements of Changes in Net Assets Available for Benefits

<i>Year ended December 31,</i>	2020	2019
Additions		
Employer contributions	\$ -	\$ 111,538,000
Investment income:		
Interest and dividends	96,474,231	106,404,453
Net appreciation in fair value of investments	710,447,196	600,569,728
Other investment income	22,394,799	21,278,360
Net Investment Income	829,316,226	728,252,541
Total Additions	829,316,226	839,790,541
Deductions		
Benefits paid directly to participants or beneficiaries	401,862,256	361,629,289
Administrative expenses	17,928,493	18,302,570
Total Deductions	419,790,749	379,931,859
Net Increase in Net Assets Available for Benefits	409,525,477	459,858,682
Net Assets Available for Benefits, beginning of year	5,154,116,876	4,694,258,194
Net Assets Available for Benefits, end of year	\$ 5,563,642,353	\$ 5,154,116,876

See accompanying notes to financial statements.

American Electric Power System Retirement Plan

Statements of Accumulated Plan Benefits

<i>Year ended December 31,</i>	2020	2019
Actuarial Present Value of Accumulated Plan Benefits		
Vested benefits:		
Participants and beneficiaries currently receiving benefit payments	\$ 2,326,126,929	\$ 2,185,858,057
Other participants	1,883,492,595	1,777,518,859
Total Vested Benefits	4,209,619,524	3,963,376,916
Nonvested benefits	10,618,853	11,760,359
Total Actuarial Present Value of Accumulated Plan Benefits	\$ 4,220,238,377	\$ 3,975,137,275

See accompanying notes to financial statements.

American Electric Power System Retirement Plan

Statements of Changes in Accumulated Plan Benefits

<i>Year ended December 31,</i>	2020	2019
Actuarial Present Value of Accumulated Plan Benefits, beginning of year	\$ 3,975,137,275	\$ 3,816,849,173
Increase (decrease) during the year attributable to:		
Benefits accumulated	76,510,690	70,362,660
Actuarial losses	21,578,389	22,625,293
Interest due to the decrease in the discount period	221,542,183	231,821,090
Benefits paid	(401,862,256)	(361,629,289)
Changes in actuarial assumptions	327,332,096	195,108,348
Net Increase	245,101,102	158,288,102
Actuarial Present Value of Accumulated Plan Benefits, end of year	\$ 4,220,238,377	\$ 3,975,137,275

See accompanying notes to financial statements.

American Electric Power System Retirement Plan

Notes to Financial Statements

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 Trusteed Plan, which was added on May 1, 1955. Benefits under the Plan are determined solely by reference to terms of the Trusteed 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 Trusteed 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.

Certain long-time participants also were grandfathered into certain benefit formulas. If still working, these participants currently accrue plan benefits only under a cash balance plan formula. Some had been covered by the former Central and South West System Cash Balance Retirement Plan and were credited benefits only through July 1, 1997 under certain grandfathered benefit formulas. Many other plan participants who were grandfathered into a prior benefit formula were credited benefits under that formula only through December 31, 2010 based on their then final average base pay and years of service.

The cash balance formula includes an expanded definition of earnings and, for applicable grandfathered participants, an opening balance calculation (as of July 1, 1997 or January 1, 2001, as applicable) 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

American Electric Power System Retirement Plan

Notes to Financial Statements

of vested benefits is available as an annuity or lump sum or for rollover to an eligible retirement plan after the participant's employment with the Company ends.

Funding Policy

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 2020 and 2019.

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. BNYM acts as trustee and custodian for the Plan's investments. Fees paid by the Plan to the trustee for trustee services amounted to \$842,934 and \$923,877 for the years ended December 31, 2020 and 2019, respectively. The Plan held investments managed by BNYM totaling \$632,805,277 and \$530,536,276 at December 31, 2020 and 2019, respectively. BNYM is the lending agent for the securities lending transactions detailed in Note 5. Certain BNYM investments are also held within the Plan's 401(h) account as detailed in Note 6.

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 (U.S. GAAP).

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 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. As of December 31, 2020, the BFC consisted of AEPSC's then chief financial officer, senior vice president of risk and 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 consisted of AEPSC's senior vice president of risk and treasury, director of trust and investments, and two managing directors of corporate finance.

American Electric Power System Retirement Plan

Notes to Financial Statements

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 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, commingled funds, 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.

BNYM EB Temporary Investment Fund

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

American Electric Power System Retirement Plan

Notes to Financial Statements

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.

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% 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, 2020 and 2019, the Plan holds investments of \$129,229,724 and \$125,603,600, respectively, in limited partnerships and of \$38,693,497 and \$35,331,508, 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 one day to 60 days. At December 31, 2020 and 2019, the Plan has no unfunded commitments. Investments in these limited partnerships are not eligible for immediate redemption.

American Electric Power System Retirement Plan

Notes to Financial Statements

Included in the alternative investment designation is \$264,256,133 and \$284,539,494 of private equity investments at December 31, 2020 and 2019, 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 \$111,561,444 and \$104,751,928 in unfunded commitments as of December 31, 2020 and 2019, 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.

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, 2020 and 2019, the Plan holds investments of \$213,756,275 and \$220,251,948, respectively, in limited partnerships and of \$18,016,887 and \$19,357,433, 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 \$34,891,213 and \$30,287,948 in unfunded commitments as of December 31, 2020 and 2019, 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 \$25,350,648 and \$20,995,463 in unfunded commitments as of December 31, 2020 and 2019, respectively and have original terms averaging ten 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.

American Electric Power System Retirement Plan

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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.

Actuarial Assumptions

The significant actuarial assumptions used in the valuation of the Plan at December 31, 2020 and 2019 are summarized as follows:

Actuarial cost method	Projected unit credit
Interest rate	2020: 4.75% and 2019: 5.75%
Mortality basis	Pri-2012 mortality table without collar or quartile adjustments and projected forward on a generational basis using an adjusted version of MP-2020 (2020) and MP-2019 (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 2019 and 2020 were the decrease in the interest rate and the update to the mortality improvement scale.

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

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Notes to Financial Statements

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 statements of changes in net assets available for benefits.

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, the 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.

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 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 participants' account balances and the amounts reported in the statements of net assets available for benefits.

Derivatives

The Plan may hold various instruments that meet the definition of a derivative under Financial Accounting Standards Board (FASB) Accounting Standards Codification (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.

American Electric Power System Retirement Plan

Notes to Financial Statements

Recent Accounting Pronouncement

In August 2018, the FASB issued Accounting Standard Update (ASU) 2018-13, *Fair Value Measurements Topic (820), Disclosure Framework - Changes to the Disclosure Requirements for Fair Value Measurement*. ASU 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 2018-13 is effective for periods beginning after December 15, 2019. The Plan adopted ASU 2018-13 in plan year 2020. There was no material impact of this ASU to the Plan's financial statements.

Subsequent Events

The Plan has evaluated subsequent events through November 15, 2022, the date the financial statements were available to be issued.

3. Information Certified by Trustee

The Plan Administrator has elected the method of annual reporting compliance permitted by ERISA Section 103(a)(3)(C), pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, BNYM, the Trustee and a qualified institution, has certified that the following investment information included in the accompanying financial statements and ERISA-required supplemental schedules as of December 31, 2020 and 2019 and for the years ended December 31, 2020 and 2019 are complete and accurate. 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 \$22,766,143 and \$19,084,153 for the years ended December 31, 2020 and 2019, respectively, and securities lending of \$315,621 and \$433,785 for the years ended December 31, 2020 and 2019, 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.

At the request of the Plan Administrator, the Plan's independent accountants did not perform auditing procedures with respect to this information, except for comparing such information to the related information included in the financial statements and supplemental schedules.

American Electric Power System Retirement Plan

Notes to Financial Statements

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.

December 31, 2020

	Assets Measured at Fair Value on a Recurring Basis		
	Investments, at Fair Value	Level 1	Level 2
Short-term investments	\$ 49,350,814	\$ -	\$ 49,350,814
Equity - corporate stock	1,219,726,752	1,219,726,002	750
Fixed income:			
U.S. government obligations	1,133,728,549	(1,349,789)	1,135,078,338
Corporate obligations	1,641,435,999	-	1,641,435,999
State and local government obligations	56,059,469	-	56,059,469
Collateral held under securities lending:			
Short-term investments	15,131,183	-	15,131,183
Fixed-income securities - U.S. government obligations	42,481,209	-	42,481,209
Fixed-income securities - U.S. agency obligations	123,764,485	-	123,764,485
Net assets held in 401(h) account - fixed income:			
U.S. government obligations	72,578,860	-	72,578,860
Corporate obligations	98,415,503	-	98,415,503
State and local government obligations	4,770,595	-	4,770,595
Total	4,457,443,419	\$ 1,218,376,213	\$ 3,239,067,206
Investments measured at NAV as a practical expedient:			
Short-term investments	1,197,723		
Common collective trusts and commingled fund:			
BNYM EB Temporary Investment Fund	57,104,937		
Vontobel India Fund	17,777,742		
Mellon Capital All-Country World Index Fund	632,805,277		
Partnership/joint venture interests:			
Alternative investments	432,179,354		
Real estate	231,773,162		
Infrastructure	91,184,845		
Net assets held in 401(h) account:			
Short-term investments	5,748,649		
Common collective trusts and commingled fund:			
JPM Long Duration Fund	176,173,460		
Mellon Capital All- Country World Index Fund	119,172,364		
Total Investments, at fair value	\$ 6,222,560,933		

American Electric Power System Retirement Plan

Notes to Financial Statements

December 31, 2019

	Assets Measured at Fair Value on a Recurring Basis		
	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:			
BNYM EB Temporary Investment Fund	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		

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.

American Electric Power System Retirement Plan

Notes to Financial Statements

5. Securities Lending

The Plan has an agreement with BNYM, 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 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% 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 \$309,670 and \$432,121 earned by the Plan during the years ended December 31, 2020 and 2019, 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, 2020 and 2019, the fair value of securities loaned was \$177,269,222 and \$246,470,803, respectively, while the collateral held was \$181,376,877 and \$252,338,621, respectively. Collateral received consisted of U.S. government obligations, U.S. agency obligations, and cash totaling \$179,838,555 and \$250,730,134 as of December 31, 2020 and 2019, respectively. The cash collateral totaled \$15,131,184 and \$15,775,858 as of December 31, 2020 and 2019, respectively, and was invested in various pooled investments that hold short-term and fixed-income securities (including repurchase agreements). The noncash collateral received totaled \$166,245,694 and \$236,562,762 as of December 31, 2020 and 2019, 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 statements 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.

American Electric Power System Retirement Plan

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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, 2020 and 2019.

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 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% 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% 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 and the changes in net assets are as follows:

<i>December 31,</i>	2020	2019
Investments, at fair value:		
Common collective trusts	\$ 295,342,124	\$ 286,555,284
Corporate and government bonds	170,994,364	155,993,134
Other investments	10,522,945	12,099,320
Accrued income and other receivables	1,338,000	1,763,412
Fees payable by 401(h) and other	(174,437)	(992,246)
Net Assets Held in 401(h) Account	\$ 478,022,996	\$ 455,418,904
Changes in net assets in 401(h) account:		
Net appreciation in fair value of investments	\$ 73,192,226	\$ 81,768,064
Interest and dividend income	5,304,754	5,822,154
Administrative expenses	(539,362)	(586,946)
Retiree medical reimbursement	(55,353,526)	(43,342,391)
Net Increase in Net Assets Held in 401(h) Account	\$ 22,604,092	\$ 43,660,881

7. Derivatives

The Plan has futures contracts with a current notional amount of \$69,248,633 and \$1,023,706,266 at December 31, 2020 and 2019, 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 statements 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.

American Electric Power System Retirement Plan

Notes to Financial Statements

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 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 tables list the fair value of derivative instruments held by the Pension Trust, by contract type and on a gross basis:

December 31, 2020

	Asset Derivatives, Fair Value	Liability Derivatives, Fair Value
Contract type:		
Forward foreign currency exchange contracts	\$ 32,543,032	\$ 32,856,266
Treasury bond forwards	23,490,983	14,846,662
Future contracts	690,039	2,040,343
Total	\$ 56,724,054	\$ 49,743,271

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
Total	\$ 63,898,057	\$ 53,643,868

Unrealized gains and losses on derivative instruments held by the Pension trust were \$(1,595,733) and \$(6,006,695) for the years ended December 31, 2020 and 2019, respectively. Unrealized gains and losses are recorded in net appreciation 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

American Electric Power System Retirement Plan

Notes to Financial Statements

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 \$4,905,896 and \$6,603,700 as of December 31, 2020 and 2019, 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). Although the Plan has been amended and restated since receiving the determination letter, 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.

U. S. 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 is subject to routine audits by taxing jurisdictions. However, there are currently no audits for any tax periods in progress.

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, 2020 and 2019. The estimated Unrelated Business Income Tax was \$128,065 and \$169,917 for the years ended December 31, 2020 and 2019, 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 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.

American Electric Power System Retirement Plan

Notes to Financial Statements

10. Contingencies

Four participants in the Plan filed a class action complaint in December 2021 in the U.S. District Court for the Southern District of Ohio against AEPSC and the Plan. When the Plan's benefit formula was changed in the year 2000, AEP provided a special provision for employees hired before January 1, 2001, allowing them to continue benefit accruals under the then benefit formula for a full 10 years alongside of the new cash balance benefit formula then being implemented. Employees who were hired on or after January 1, 2001 accrued benefits only under the new cash balance benefit formula. The Plaintiffs asserted a number of claims on behalf of themselves and the purported class, including that: (a) the Plan violated the requirements under ERISA intended to preclude back-loading the accrual of benefits to the end of a participant's career, (b) the Plan violated the age discrimination prohibitions of ERISA and the Age Discrimination in Employment Act and (c) AEP failed to provide required notice regarding the changes to the Plan. Among other relief, the complaint sought reformation of the Plan to provide additional benefits and the recovery of plan benefits for former employees under such reformed plan. The Plaintiffs previously had submitted claims for additional plan benefits to AEP, which were denied. On February 15, 2022, AEPSC and the Plan filed a motion to dismiss the complaint alleging Plaintiffs' claims were insufficient as a matter of law. On August 16, 2022, the District Court granted the motion filed by the Company and the AEP Pension Plan to dismiss the Complaint without prejudice. On September 13, 2022, the Plaintiffs filed a motion with the District Court for leave to file an amended complaint. On October 4, 2022, the Company filed a brief in opposition to that motion. The Company will continue to defend against the claims.

11. Reconciliation of the Financial Statements to Form 5500

The following is a reconciliation of net assets available for benefits per the financial statements to Form 5500:

<i>December 31,</i>	2020	2019
Net Assets Available for Benefits , per the financial statements	\$ 5,563,642,353	\$ 5,154,116,876
Net assets held in 401(h) account included as assets in Form 5500	478,022,996	455,418,904
Net Assets Available for Benefits , per Form 5500	\$ 6,041,665,349	\$ 5,609,535,780

The following is a reconciliation of the statements of changes in net assets available for benefits to the Form 5500:

<i>Year ended December 31,</i>	2020	2019
Net Increase in Net Assets Available for Benefits , per the financial statements	\$ 409,525,477	\$ 459,858,682
Net investment income from 401(h) account	78,496,980	87,590,218
Administrative expenses related to 401(h) account	(539,362)	(586,946)
Transfer from 401(h) account to Medical Plan	(55,353,526)	(43,342,391)
Net Income , per Form 5500	\$ 432,129,569	\$ 503,519,563

ERISA-Required Supplemental Schedules

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
EIN: 13-4922641 **Plan Number: 001**

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
Short-Term Investments				
	DBS BANK LTD DISC 03/23/2021	\$ 3,296,554	\$ 3,296,554	
	DBS BANK LTD DISC 02/19/2021	2,597,846	2,597,846	
	COLLATERALIZED CP DISC 03/16/2021	2,513,263	2,513,263	
	MANHATTAN AST FDG DISC 02/19/2021	2,148,901	2,148,901	
	SOCIETE GENERALE DISC 04/05/2021	1,997,911	1,997,911	
	NATIXIS NY BRH DISC 04/05/2021	1,968,207	1,968,207	
	OVERSEA-CHINESE DISC 02/19/2021	1,798,860	1,798,860	
	EXXON CORP DISC 04/12/2021	1,698,319	1,698,319	
	TOYOTA MTR CR CP DISC 04/19/2021	1,698,277	1,698,277	
	SVENSKA HDLSBK AB DISC 04/16/2021	1,698,225	1,698,225	
	SKANDINAVISKA ENS DISC 04/19/2021	1,698,205	1,698,205	
	MUFG BANK LTD NY DISC 02/17/2021	1,598,631	1,598,631	
	NORDEA BANK ABP DISC 02/22/2021	1,598,536	1,598,536	
	SUMITOMO MTSU BKG DISC 02/08/2021	1,499,025	1,499,025	
	AUSTRALIA & NZ BK DISC 03/09/2021	1,498,695	1,498,695	
	STARBIRD FDG CORP DISC 04/05/2021	1,498,508	1,498,508	
	NIEUW AMSTERDAM DISC 01/06/2021	1,429,163	1,429,163	
	WESTPAC BANKING DISC 03/17/2021	1,399,283	1,399,283	
	METLIFE SHORT DISC 02/22/2021	1,398,845	1,398,845	
	LMA SA & LMA AMER DISC 03/15/2021	1,398,443	1,398,443	
	SVENSKA HDLSBK AB DISC 05/17/2021	1,398,390	1,398,390	
	FAIRWAY FIN CORP DISC 06/02/2021	1,398,372	1,398,372	
	NATIONAL BK CANADA DISC 03/01/2021	1,299,115	1,299,115	
	OLD LINE FDG CORP DISC 04/15/2021	1,298,772	1,298,772	
	NORDEA BANK ABP DISC 01/14/2021	1,298,439	1,298,439	
	STARBIRD FDG CORP DISC 03/15/2021	1,199,333	1,199,333	
	AUSTRALIA & NZ BK DISC 02/26/2021	1,198,841	1,198,841	
	OLD LINE FDG CORP DISC 01/25/2021	1,198,362	1,198,362	
	NATIXIS NY BRH DISC 03/24/2021	1,148,658	1,148,658	
	EXXON CORP DISC 02/08/2021	1,099,043	1,099,043	
	LMA SA & LMA AMER DISC 02/18/2021	1,098,803	1,098,803	
	ATLANTIC ASSET DISC 02/02/2021	998,979	998,979	
	SOCIETE GENERALE DISC 05/18/2021	998,844	998,844	
	SKANDINAVISKA ENS DISC 03/25/2021	998,822	998,822	
	NATIXIS NY BRH DISC 01/13/2021	998,787	998,787	
	Pending Trades, Interest, and Dividends	-	(3,516,721)	
Total Short-Term Investments		54,065,258	50,548,537	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
EIN: 13-4922641 **Plan Number: 001**

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
State and Local Government Obligations				
	CALIFORNIA ST 7.350% 11/01/2039 DD 11/10/09	\$ 4,844,274	\$ 5,688,720	
	CALIFORNIA ST 7.600% 11/01/2040 DD 12/01/10	2,244,847	2,704,126	
	PORT AUTH OF NEW YORK & NEW JE 3.287% 08/01/2069 DD 08/16/19	2,499,426	2,642,678	
	UNIV OF CALIFORNIA CA RGTS MED 6.583% 05/15/2049 DD 12/17/09	2,186,498	2,623,428	
	CALIFORNIA ST 4.600% 04/01/2038 DD 04/25/18	2,416,498	2,530,968	
	LOS ANGELES CA UNIF SCH DIST 5.750% 07/01/2034 DD 10/15/09	1,865,802	2,165,578	
	BAY AREA CA TOLL AUTH TOLL BRI 7.043% 04/01/2050 DD 07/01/10	1,570,493	1,977,091	
	N TX TOLLWAY AUTH REVENUE 6.718% 01/01/2049 DD 08/12/09	1,423,370	1,709,862	
	CHICAGO IL TRANSIT AUTH SALES 6.899% 12/01/2040 DD 08/06/08	1,582,212	1,610,565	
	UNIV OF TEXAS TX UNIV REVENUES 2.439% 08/15/2049 DD 05/29/20	1,570,000	1,593,079	
	AMERICAN MUNI PWR-OHIO INC OH 5.939% 02/15/2047 DD 09/29/10	1,383,712	1,582,047	
	NEW YORK CITY NY MUNI WTR FIN 5.440% 06/15/2043 DD 09/23/10	1,463,925	1,574,287	
	SALES TAX SECURITIZATION CORP 3.587% 01/01/2043 DD 12/14/17	1,535,134	1,558,470	
	NEW YORK CITY NY MUNI WTR FIN 5.440% 06/15/2043 DD 09/23/10	1,406,360	1,521,050	
	CALIFORNIA ST 7.600% 11/01/2040 DD 12/01/10	1,423,055	1,492,244	
	UNIV OF CALIFORNIA CA REVENUES 4.858% 05/15/2112 DD 03/01/12	1,426,947	1,485,504	
	ALAMEDA CNTY CA JT PWRS AUTH L 7.046% 12/01/2044 DD 11/04/10	1,232,416	1,456,406	
	CALIFORNIA ST 7.500% 04/01/2034 DD 04/28/09	1,218,640	1,424,994	
	MUNI ELEC AUTH OF GEORGIA 6.637% 04/01/2057 DD 03/11/10	1,237,441	1,385,403	
	UNIV OF VIRGINIA VA UNIV REVEN 2.256% 09/01/2050 DD 07/21/20	1,355,000	1,341,423	
	CALIFORNIA ST 7.550% 04/01/2039 DD 04/28/09	1,024,699	1,193,944	
	PORT AUTH OF NEW YORK & NEW JE 4.926% 10/01/2051 DD 10/06/11	813,919	1,072,240	
	UNIV OF MICHIGAN MI 2.437% 04/01/2040 DD 06/16/20	985,000	1,044,080	
	PORT AUTH OF NEW YORK & NEW JE 4.229% 10/15/2057 DD 05/09/17	801,891	1,012,385	
	NEW YORK CITY NY MUNI WTR FIN 5.882% 06/15/2044 DD 11/18/10	985,654	980,729	
	NEW YORK ST URBAN DEV CORP REV 5.770% 03/15/2039 DD 12/01/09	845,398	910,791	
	NEW YORK ST DORM AUTH ST PERSO 3.110% 02/15/2039 DD 01/03/20	767,676	816,683	
	MET TRANSPRTN AUTH NY DEDICATE 7.336% 11/15/2039 DD 04/30/09	797,894	799,995	
	CALIFORNIA ST 7.300% 10/01/2039 DD 10/15/09	711,615	759,290	
	UNIV OF CALIFORNIA CA REVENUES 5.946% 05/15/2045 DD 09/30/10	515,281	733,689	
	PORT AUTH OF NEW YORK & NEW JE 4.458% 10/01/2062 DD 10/10/12	705,289	718,384	
	MASSACHUSETTS ST SCH BLDG AUTH 1.753% 08/15/2030 DD 07/15/20	688,804	694,158	
	N TX TOLLWAY AUTH REVENUE 6.718% 01/01/2049 DD 08/12/09	631,542	650,303	
	NEW YORK ST THRUWAY AUTH 3.500% 01/01/2042 DD 10/30/19	615,411	648,887	
	CHICAGO IL 4.864% 12/01/2022 DD 08/26/10	591,640	594,041	
	TEXAS ST TRANSPRTN COMMISSIONS 5.178% 04/01/2030 DD 08/05/10	509,701	554,502	
	UNIV OF CALIFORNIA CA RGTS MED 6.548% 05/15/2048 DD 11/18/10	426,129	469,310	
	FLORIDA ST BRD OF ADMIN FIN CO 1.258% 07/01/2025 DD 09/16/20	445,000	455,195	
	KANSAS ST DEV FIN AUTH REVENUE 4.927% 04/15/2045 DD 08/20/15	379,887	387,446	
	CHICAGO IL TRANSIT AUTH SALES 6.899% 12/01/2040 DD 08/06/08	331,472	333,465	
	CALIFORNIA ST 1.750% 11/01/2030 DD 11/03/20	287,508	293,188	
	MASSACHUSETTS ST 2.514% 07/01/2041 DD 07/09/20	225,000	235,472	
	RUTGERS NJ ST UNIV 3.270% 05/01/2043 DD 10/24/19	210,000	225,269	
	RUTGERS NJ ST UNIV 3.270% 05/01/2043 DD 10/24/19	200,201	214,542	
	BAY AREA CA TOLL AUTH TOLL BRI 3.552% 04/01/2054 DD 09/26/19	180,000	193,559	
Total State and Local Government Obligations		50,562,657	56,059,469	
Common/Collective Trusts				
*	BNYM-M DB SL ACWI FUND	382,894,288	632,805,277	
*	EB TEMP INV FD VAR RT 12/31/49 FEE CL 00	57,104,937	57,104,937	
Total Common/Collective Trusts		439,999,225	689,910,214	
Commingled Fund - Vontobel India - CL 1 SC A RED (103-12 Investment Entity)				
	HDFC BANK LIMITED	1,110,645	1,651,340	
	TATA CONSULTANCY SERVICES LIMITED	2,734,522	4,065,770	
	HCL TECHNOLOGIES	2,915,738	4,335,208	
	HOUSING DEVELOPMENT FINANCE CORPORATION LIMITED	1,793,605	2,666,786	
	KOTAK MAHINDRA BANK LTD	2,059,144	3,061,598	
	ASIAN PAINTS LTD	535,010	795,469	
	EICHER MOTORS LTD	808,143	1,201,571	
Total Commingled Fund		11,956,807	17,777,742	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value		Cost	Current value
Partnership/Joint Venture Interests				
	LAZARD EMERGING MKTS	\$	55,065,005	\$ 55,675,748
	BRIGADE CREDIT OFFSHORE FUND CLASS A1 SERIES RU19		45,618,012	53,816,854
	IFM GLOBAL INFRA OFFSHORE LP		20,000,000	36,257,032
	JPMCB STRATEGIC PROPERTY FUND		22,500,000	33,350,682
	PRISA		20,221,680	33,180,768
	LION INDUSTRIAL TRUST PROPERTIES		10,000,000	29,289,747
	JAMESTOWN PREMIER PROPERTY FUND LP		3,533,904	26,970,503
	USAA EAGLE REAL ESTATE FEEDER I LP		15,000,000	25,186,600
	STONE HARBOR-EM MK DBT-MUSDA		17,203,654	22,373,006
	STONE HARBOR LEVERAGED LOAN FUND B		15,034,802	19,737,121
	CVC CAPITAL PRTRNS VI (C) LP		12,670,509	18,923,546
	JPMCB SPECIAL SITUATION PROPERTY FUND		20,000,000	18,016,887
	GRIDIRON CAPITAL FUND III LP		1,805,949	16,760,200
	STONE HARBOR-HI YLD BD-MUSDA		13,558,111	16,320,491
	PEG POOLED VENT CAP INST INVEST III LLC		18,260,603	15,941,625
	APOLLO INVESTMENT FUND VIII LP		11,170,725	14,503,341
	BASALT INFRA PARTNERS LP		9,886,415	13,924,545
	KPS SPECIAL SITUATIONS FUND IV LP		11,769,507	13,531,789
	BROOKFIELD PREMIER RE PRTRS		9,851,966	13,127,028
	H.I.G. CAPITAL PARTNERS V LP		9,167,635	12,559,914
	HIGH ROAD CAPITAL PARTNERS FD II - WFC		10,332,506	12,374,286
	AMERICAN SECURITIES PARTNERS VI		3,874,421	11,555,175
	BROOKFIELD INFRA FUND III LP		10,460,749	11,480,519
	TZP CAPITAL PARTNERS II LP		8,849,734	10,163,340
	PATRIA - BRAZILIAN PRIVATE EQUITY FUND IV LP		8,633,789	10,053,258
	AXIUM INFRA NA IV LP		11,735,432	9,559,606
	WATERLAND PRIVATE EQUITY FUND V		900,903	9,376,426
	GLOBAL ENERGY & POWER INFRA II		10,485,280	9,328,130
	CA STUDENT LIVING INC GRWTH		7,500,000	8,572,145
	BLACKSTONE CAPITAL PARTNERS VII LP		7,151,716	8,319,463
	ALTERNA CORE CAPITAL ASSETS II LP		8,819,007	7,580,437
	PLATINUM EQUITY CAP PTNRS IV L PV LP		5,620,924	7,405,646
	PROVIDENCE DEBT FUND III LP		8,685,599	7,208,823
	EXETER EUR VAL VENT III FED SCSP		6,045,331	6,997,382
	HIG EUROPE CAPITAL PARTNERS II LP		6,794,531	6,986,157
	BLACKSTONE ENERGY PARTNERS II LP		9,723,409	6,939,910
	RIDGEMONT EQUITY PARTNERS FUND I LP		6,938,020	6,915,923
	PATRIA-BRAZILIAN PE FUND V LP		5,760,157	6,219,754
	ASANA PARTNERS FUND I LP		4,192,057	5,312,627
	WARBURG PINCUS PRIVATE EQUITY X LP		-	5,015,520
	OHA STRATEGIC CREDIT FUND II		4,500,000	4,955,788
	GS PEP 2005-MANAGERS FUND		16,676,572	4,756,015
	AMERICAN SECURITIES PTNRS VII		6,622,057	4,564,550
	PLATINUM EQ CAP PARTNERS III III		1,701,114	4,472,647
	UNICO CORE PLUS PARTNERS LP		4,145,124	4,247,822
	GRIDIRON CAPITAL FUND II LP		9,480,819	4,144,247
	CVC CAPITAL PARTNERS VII LP		3,535,019	4,085,343
	TPG GROWTH II LP		1,972,322	4,009,823
	TPG GROWTH III LP		3,874,252	3,877,132
	PEG US POOLED CORP FIN INST INVEST III LLC		11,073,947	3,790,288
	ASCRIBE OPP FUND III LP		11,099,572	3,686,551
	BLACKSTONE ENERGY PARTNERS L.P.		7,834,457	3,678,687
	SIXTH ST OPP PTNS III (A) LP		3,161,905	3,676,015
	HEITMAN ASIA-PACIFIC PRO INVST FEED		3,891,743	3,618,113
	BROOKFIELD STRATEGIC RE ESTATE PARTNERS B LP		42,181	3,518,886
	WOLFF CREDIT PARTNERS II LP		3,158,073	3,430,172
	ALMANAC REALTY SECURITIES VII		3,582,539	3,409,376
	BOWMARK CAPITAL PARTNERS V		3,318,266	3,144,182
	IRON POINT REAL ESTATE II-TE		2,870,948	2,854,412
	UNICO PARTNERS I LP		321,294	2,699,000
	ICON INFRA PARTNERS FUND V LP		2,302,648	2,302,648
	GREENFIELD ACQUI RTNRS VII LP		1,153,260	2,198,660
	ALMANAC REALTY SEC VIII LP		2,152,163	1,904,308
	SECONDARY INVESTMENTS SPV-4 LP		81,310	1,700,845
	SECONDARY INVESTMENT SPV-3 LP		-	1,698,590
	AMERICAN SECURITIES PTNR VIII		1,682,079	1,523,592
	APOLLO EUROPEAN PRINCIPAL FUND II		1,334,744	1,268,308
	JADIAN REAL ESTATE FUND I LP		1,267,134	1,267,134
	APOLLO INVESTMENT FUND IX LP		1,262,670	1,243,421
	BRAZIL REAL ESTATE OPPORTUNITIES FUND II - BAHIA		4,251,728	984,442
	FORTRESS JPN OPP FD IV DOL B LP		841,983	771,660
	MERIDIAM INFRA NORTH AMERICA FD III (DOMESTIC)		1,351,080	751,929
	TPG OPPORTUNITIES FUND II		3,909,917	705,965

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	PLATINUM CAP EQ PTNRS V LP	\$ 627,669	\$ 676,544	
	OHA EUROPEAN STRATEGIC CREDIT FUND (OFFSHORE) LP	2,141,421	649,738	
	GREENFIELD MULTI-STATE PARTNERS LP	842,857	540,014	
	HVEST PART VI DIRECT FUND	5,557,305	399,394	
	GS PEP 2005 - DIRECT FUND	1,951,181	389,114	
	HIG CAPITAL PARTNERS VI	255,704	255,704	
	EXETER INDUSTRIAL VALUE FUND II LP	559,340	211,189	
	HVEST PART V PARTNERS FUND	12,502,714	66,837	
	SAROFIM REALTY FUND III LP	-	50,657	
	HARBOURVEST INTL PVT EQ PARTNERS III PARTNERSHIP	9,723,619	37,814	
	ABERDEEN SAFL EUR RE CLUB II OFFSHR FDR LTD	5,061,019	37,620	
	HVEST PART VI PARTNERSHIP FD	4,584,673	37,230	
	SAROFIM REALTY FD III LP NEW UNITS	5,932,710	25,327	
	WATERLAND PE FUND VI C.V.	3,534,749	7,674	
Total Partnerships/Joint Ventures		662,549,921	755,137,361	
Corporate Stock				
	MICROSOFT CORP	9,897,158	16,806,500	
	AMAZON.COM INC	7,144,452	16,323,733	
	SEA LTD ADR	3,345,199	14,793,396	
	MASTERCARD INC	4,565,424	12,259,818	
	AMAZON.COM INC	3,905,629	12,005,044	
	ZALANDO SE	4,831,426	11,988,523	
	VISA INC	3,752,657	11,922,972	
	ADYEN NV	3,038,042	11,358,294	
	ASML HOLDING NV	2,770,341	11,272,185	
	VISA INC	4,193,474	10,712,958	
	NIKE INC	3,805,803	10,204,231	
	NESTLE SA	7,760,492	10,111,197	
	ALPHABET INC-CL C	5,193,828	9,798,265	
	SHOPIFY INC	1,649,190	9,790,236	
	HEINEKEN NV	7,914,926	9,285,691	
	FLUTTER ENTERTAINMENT PLC	5,143,027	9,278,916	
	MERCADOLIBRE INC	7,223,451	8,789,879	
	KEYENCE CORP	4,756,497	8,651,266	
	UNITEDHEALTH GROUP INC	4,703,460	8,562,554	
	ALIMENTATION COUCHE-TARD INC	5,768,305	8,431,417	
	PAYPAL HOLDINGS INC	3,866,162	8,386,234	
	NETFLIX INC	3,033,428	8,042,818	
	MEDTRONIC PLC	5,971,813	8,011,790	
	ALIGN TECHNOLOGY INC	3,618,872	8,005,547	
	IRHYTHM TECHNOLOGIES INC	6,417,049	7,762,697	
	WORKDAY INC	3,361,842	7,735,090	
	JOHNSON & JOHNSON	6,507,801	7,696,512	
	BOSTON SCIENTIFIC CORP	7,406,824	7,489,787	
	BERKSHIRE HATHAWAY INC	5,529,827	7,380,190	
	ATLASSIAN CORP PLC	2,453,251	7,307,268	
	TENCENT HOLDINGS LTD HK/00700	4,550,536	7,157,425	
	TENCENT HOLDINGS LTD HK/00700	4,023,345	7,010,058	
	ENTAIN PLC	4,650,736	6,989,049	
	BECTON DICKINSON AND CO	6,599,718	6,971,630	
	LAM RESEARCH CORP	7,060,583	6,777,547	
	ROSS STORES INC	4,778,351	6,777,393	
	NIHON M&A CENTER INC	3,037,552	6,743,281	
	BOOKING HOLDINGS INC	5,139,204	6,699,628	
	UNILEVER PLC	5,310,989	6,666,551	
	COCA-COLA CO/THE	5,814,697	6,575,755	
	EDWARDS LIFESCIENCES CORP	3,069,199	6,477,239	
	HOYA CORP	4,309,813	6,313,934	
	LVMH MOET HENNESSY LOUIS VUITT	4,430,640	6,309,252	
	SAMSUNG ELECTRONICS CO LTD	3,536,960	6,302,833	
	APTIV PLC	3,887,602	6,170,274	
	UBER TECHNOLOGIES INC	4,690,913	6,116,736	
	BAIDU INC ADR	4,428,613	6,107,050	
	MICROSOFT CORP	3,086,004	6,083,854	
	NIKE INC	3,501,895	5,963,526	
	DEXCOM INC	6,195,910	5,857,474	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	CME GROUP INC	\$ 5,381,750	\$ 5,803,208	
	ILLUMINA INC	3,292,857	5,763,860	
	TAIWAN SEMICONDUCTOR MANUFACTU ADR	2,279,080	5,689,489	
	PEPSICO INC	4,144,251	5,626,947	
	HDFC BANK LTD ADR	4,092,478	5,620,527	
	ALIBABA GROUP HOLDING LTD HK/09988	4,153,149	5,604,557	
	ADOBE INC	3,118,756	5,238,757	
	SK HYNIX INC	3,309,939	5,195,324	
	METHANEX CORP	4,758,702	5,162,133	
	ABIOMED INC	4,180,521	5,089,292	
	SAFRAN SA	4,111,916	4,949,299	
	FACEBOOK INC	1,569,701	4,917,973	
	OKTA INC	1,954,834	4,892,725	
	WEBSTER FINANCIAL CORP	4,982,541	4,821,370	
	ESSILORLUXOTTICA SA	3,904,208	4,809,730	
	POPULAR INC	3,964,925	4,748,058	
	ANTOFAGASTA PLC	2,236,422	4,741,572	
	ALPHABET INC-CL A	1,601,705	4,719,860	
	SYNOPSYS INC	2,607,231	4,640,137	
	ROCHE HOLDING AG	3,296,934	4,622,328	
	PUBLICIS GROUPE SA	4,331,141	4,516,349	
	IHS MARKIT LTD	4,201,806	4,477,487	
	JPMORGAN CHASE & CO	3,870,273	4,476,168	
	ALIBABA GROUP HOLDING LTD ADR	3,120,173	4,395,339	
	ALIBABA GROUP HOLDING LTD ADR	2,176,888	4,369,738	
	ALEXION PHARMACEUTICALS INC	3,193,682	4,359,096	
	SONY CORP	3,099,479	4,343,319	
	YARA INTERNATIONAL ASA	4,100,599	4,301,754	
	TWILIO INC	4,142,322	4,301,658	
	KEYSIGHT TECHNOLOGIES INC	3,947,291	4,301,379	
	CINEMARK HOLDINGS INC	3,863,822	4,275,896	
	ARROW ELECTRONICS INC	2,364,341	4,213,090	
	TELEPERFORMANCE	2,299,210	4,169,613	
	NEXT PLC	3,232,992	4,161,485	
	BELLWAY PLC	3,921,874	4,145,612	
	SHERWIN-WILLIAMS CO/THE	2,447,201	4,141,218	
	MAGNA INTL INC	3,066,139	4,102,834	
	WALT DISNEY CO/THE	2,539,489	4,086,153	
	NETEASE INC HK/09999	3,576,350	4,047,524	
	BANCOLOMBIA SA	4,087,033	4,011,263	
	TERADYNE INC	3,764,298	3,999,051	
	TAYLOR WIMPEY PLC	3,869,857	3,989,880	
	TAPESTRY INC	1,756,080	3,953,376	
	INTERNATIONAL BANCSHARES CORP	4,321,006	3,931,275	
	SKF AB	2,274,051	3,892,444	
	KIA MOTORS CORP	2,026,962	3,891,800	
	CAPITAL ONE FINANCIAL CORP	3,564,952	3,891,626	
	DNB ASA	3,463,823	3,883,173	
	SOLVAY SA	3,804,463	3,860,530	
	LANXESS AG	3,362,808	3,814,774	
	BASF SE	3,549,306	3,793,905	
	MUENCHENER RUECKVERSICHERUNGS-	2,901,034	3,788,041	
	CROCS INC	1,168,876	3,774,012	
	HYUNDAI MOBIS CO LTD	2,970,435	3,767,702	
	CHUBB LTD	2,970,086	3,737,947	
	SVENSKA HANDELSBANKEN AB	4,026,835	3,731,787	
	TORONTO DOMINION BANK NEW	3,614,005	3,731,203	
	ABBVIE INC	3,446,371	3,682,424	
	HEIDELBERGCEMENT AG	2,111,587	3,677,871	
	DEUTSCHE TELEKOM AG	3,206,121	3,677,863	
	CIE GENERALE DES ETABLISSEMENT	3,405,255	3,665,508	
	UNITEDHEALTH GROUP INC	2,885,778	3,662,502	
	ALLETE INC	4,430,561	3,648,204	
	BERRY GLOBAL GROUP INC	3,272,300	3,635,493	
	CATCHER TECHNOLOGY CO LTD	3,410,495	3,629,084	
	CARTER'S INC	4,162,341	3,626,587	
	ZOOM VIDEO COMMUNICATIONS INC	698,798	3,588,747	
	ANTHEM INC	2,849,916	3,583,364	
	SAP SE	2,743,622	3,560,733	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value		Cost	Current value
	HONDA MOTOR CO LTD	\$	3,815,236	\$ 3,547,927
	INTUITIVE SURGICAL INC		1,809,668	3,546,464
	PHILIP MORRIS INTERNATIONAL IN		3,358,138	3,543,495
	STARBUCKS CORP		2,297,566	3,540,182
	NEXTERA ENERGY INC		2,215,115	3,538,408
	LG UPLUS CORP		3,935,584	3,534,843
	ASAHI GROUP HOLDINGS LTD		3,603,626	3,526,904
	LABORATORY CORP OF AMERICA HOL		2,247,385	3,521,415
	HANNOVER RUECK SE		3,180,359	3,518,588
	SCIENCE APPLICATIONS INTERNATI		2,915,655	3,511,144
	WOLTERS KLUWER NV		2,970,477	3,504,570
	KDDI CORP		3,166,158	3,501,200
	CP ALL PCL		2,657,062	3,500,055
	MICROSOFT CORP		2,011,762	3,494,218
	BUNZL PLC		2,087,437	3,477,779
	WEICHAI POWER CO LTD HK/02338		3,798,747	3,449,595
	VINCI SA		3,342,934	3,420,570
	COCA-COLA EUROPEAN PARTNERS PL		2,532,534	3,413,355
	AMCOR PLC		2,563,947	3,409,769
	AMERIS BANCORP		3,973,412	3,383,243
	SUMITOMO MITSUI TRUST HOLDINGS		3,903,204	3,366,398
	NOVARTIS AG		2,805,519	3,365,210
	INTEL CORP		3,792,542	3,347,904
	GILEAD SCIENCES INC		3,953,567	3,340,570
	COMCAST CORP		2,805,184	3,315,820
	AIR LIQUIDE SA		2,698,226	3,314,142
	ALPHABET INC-CL C		1,130,478	3,279,519
	TYSON FOODS INC		2,954,117	3,269,106
	GLAXOSMITHKLINE PLC		3,641,048	3,256,088
	CVS HEALTH CORP		3,332,899	3,244,250
	MARATHON PETROLEUM CORP		4,691,515	3,242,996
	GENERAL DYNAMICS CORP		3,957,676	3,235,198
	QUEST DIAGNOSTICS INC		2,988,928	3,227,481
	INGREDION INC		3,317,164	3,217,603
	FRANKLIN RESOURCES INC		3,629,093	3,142,992
	ANDRITZ AG		3,247,027	3,131,412
	KT&G CORP		3,534,618	3,106,286
	SPAREBANK 1 SR-BANK ASA		2,880,407	3,103,892
	INCHCAPE PLC		2,833,329	3,052,122
	SNOWFLAKE INC		1,403,915	3,002,257
	SIGNATURE AVIATION PLC		2,669,535	2,999,839
	WILLIAMS COS INC/THE		2,932,511	2,991,460
	MONDI PLC		2,418,250	2,953,601
	BERKSHIRE HATHAWAY INC		2,458,883	2,888,173
	NINTENDO CO LTD		1,405,872	2,869,243
	UNITED OVERSEAS BANK LTD		3,066,781	2,842,445
	FRESENIUS SE & CO KGAA		2,405,086	2,833,507
	VERIZON COMMUNICATIONS INC		2,528,405	2,811,716
	LINDE PLC		2,021,189	2,780,558
	M&T BANK CORP		2,248,284	2,673,300
	BAIDU INC ADR		1,962,401	2,635,533
	BABCOCK INTERNATIONAL GROUP PL		5,017,182	2,622,798
	PEPTIDREAM INC		1,975,008	2,522,427
	VALMET OYJ		1,730,705	2,518,657
	JOHNSON & JOHNSON		2,041,467	2,499,667
	AIRPORTS OF THAILAND PCL		1,258,194	2,485,814
	APPLE INC		863,940	2,375,151
	DAICEL CORP		2,638,872	2,364,498
	LOOMIS AB		2,726,417	2,221,195
	AVNET INC		2,530,587	2,210,210
	CINEWORLD GROUP PLC		4,531,218	2,201,528
	SHINHAN FINANCIAL GROUP CO LTD		2,677,562	2,184,197
	CIE GENERALE DES ETABLISSEMENT		2,010,161	2,182,740
	DEUTSCHE BOERSE AG		1,800,060	2,179,322
	DOORDASH INC		1,824,686	2,146,104
	WIIT SPA		705,747	2,134,592
	PAYPAL HOLDINGS INC		924,836	2,029,577
	RESIDEO TECHNOLOGIES INC		726,843	2,001,969
	ALPHABET INC-CL A		1,390,596	1,905,120

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

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(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	SAMSUNG ELECTRONICS CO LTD	\$ 999,519	\$ 1,810,812	
	BANK OF AMERICA CORP	1,766,606	1,807,294	
	ALIBABA GROUP HOLDING LTD HK/09988	1,579,703	1,805,280	
	MONDI PLC	1,348,602	1,795,939	
	PRADA SPA HK/01913	965,515	1,780,611	
	SIAM COMMERCIAL BANK PCL/THE	2,150,865	1,685,748	
	CITIGROUP INC	1,722,052	1,683,935	
	AMAZON.COM INC	961,153	1,595,896	
	UBER TECHNOLOGIES INC	949,383	1,487,415	
	ANIMA HOLDING SPA	1,382,366	1,464,674	
	BLUEBIRD BIO INC	3,315,847	1,452,358	
	IPSOS	1,255,365	1,450,927	
	CHEMRING GROUP PLC	1,031,663	1,442,608	
	NINTENDO CO LTD	789,396	1,421,869	
	AMDOCS LTD	1,224,760	1,405,762	
	MCKESSON CORP	1,079,620	1,399,360	
	CHINA MOBILE LTD HK/00941	1,923,605	1,388,046	
	MAKEMYTRIP LTD	1,110,458	1,379,966	
	FREEPORT-MCMORAN INC	595,206	1,354,679	
	DUFREY AG	1,063,688	1,348,583	
	BOOKING HOLDINGS INC	1,056,248	1,343,044	
	VERIZON COMMUNICATIONS INC	1,198,857	1,333,508	
	YAGEO CORP	893,378	1,332,701	
	WELLS FARGO & CO	1,777,431	1,328,131	
	BNP PARIBAS SA	1,375,541	1,323,486	
	CEMEX SAB DE CV ADR	1,171,648	1,318,795	
	VISTRY GROUP PLC	1,084,592	1,315,842	
	WALT DISNEY CO/THE	762,401	1,304,496	
	JPMORGAN CHASE & CO	1,103,035	1,278,451	
	Z HOLDINGS CORP	676,048	1,259,746	
	AP MOLLER - MAERSK A/S	671,285	1,212,287	
	TINEXTA SPA	515,312	1,209,237	
	FEDEX CORP	710,137	1,209,050	
	SIEMENS AG	882,032	1,199,366	
	CITIZENS FINANCIAL GROUP INC	1,164,793	1,197,316	
	CEGEDIM SA	1,390,370	1,195,230	
	HDFC BANK LTD ADR	823,313	1,194,386	
	CRITEO SA ADR	1,151,008	1,192,205	
	CAPRI HOLDINGS LTD	848,196	1,182,762	
	MODERN TIMES GROUP MTG AB	759,210	1,178,487	
	ZOOPLUS AG	812,199	1,164,696	
	CIE FINANCIERE RICHEMONT SA	672,942	1,164,396	
	CHINASOFT INTERNATIONAL LTD HK/00354	566,060	1,153,666	
	SOMERO ENTERPRISES INC	1,186,917	1,152,890	
	VIATRIS INC	933,229	1,136,750	
	GREENCORE GROUP PLC	1,667,271	1,136,656	
	STATE STREET CORP	953,039	1,132,675	
	GEELY AUTOMOBILE HOLDINGS LTD HK/00175	525,849	1,108,107	
	BANK OF KYOTO LTD/THE	932,477	1,107,860	
	DUNI AB	1,094,114	1,104,456	
	LVMH MOET HENNESSY LOUIS VUITT	644,403	1,093,945	
	VAN LANSCHOT KEMPEN NV	1,014,622	1,093,740	
	INTESA SANPAOLO SPA	1,103,422	1,090,209	
	SUBARU CORP	1,391,108	1,088,733	
	ENDESA SA	858,945	1,083,435	
	NVENT ELECTRIC PLC	1,007,526	1,083,218	
	BAKER HUGHES CO	1,228,174	1,076,277	
	INTEL CORP	1,175,211	1,074,368	
	MAIL.RU GROUP LTD GDR	935,878	1,067,543	
	GREENCORE GROUP PLC	779,102	1,063,788	
	ROHM CO LTD	861,741	1,063,394	
	TENCENT HOLDINGS LTD HK/00700	646,466	1,060,521	
	SUMITOMO MITSUI FINANCIAL GROU	1,259,817	1,050,470	
	AFFILIATED MANAGERS GROUP INC	878,449	1,049,442	
	DR HORTON INC	582,656	1,045,930	
	JD.COM INC HK/09618	487,379	1,040,575	
	CECONOMY AG	409,650	1,035,830	
	PLAYTECH PLC	787,875	1,024,425	
	RIO TINTO LTD	692,882	1,020,401	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value		Cost	Current value
	JAPAN TOBACCO INC	\$	1,214,478	\$ 1,013,895
	ARTISAN PARTNERS ASSET MANAGEM		493,501	1,011,129
	GENERAL ELECTRIC CO		961,210	995,555
	NOMURA HOLDINGS INC		843,926	994,561
	AVNET INC		844,199	978,516
	MEDIATEK INC		418,843	974,625
	VEECO INSTRUMENTS INC		745,081	973,792
	PROSUS NV		665,376	971,610
	LAS VEGAS SANDS CORP		905,719	965,341
	NASPERS LTD		980,121	963,849
	CHARLES SCHWAB CORP/THE		661,071	963,737
	APPLUS SERVICES SA		1,034,154	963,402
	ANGLO AMERICAN PLC		599,789	962,899
	SAMSONITE INTERNATIONAL SA HK/01910		689,790	953,977
	FNAC DARTY SA		683,490	953,804
	NETAPP INC		592,950	949,020
	RAKUTEN INC		803,830	948,606
	TOYOTA INDUSTRIES CORP		643,247	944,771
	DIME COMMUNITY BANCSHARES INC		1,189,643	942,888
	VALEO SA		588,796	932,466
	BANK OF IRELAND GROUP PLC		936,838	928,436
	DAI-ICHI LIFE HOLDINGS INC		1,091,237	927,487
	NOKIA OYJ		1,264,883	924,499
	STMICROELECTRONICS NV		492,718	922,337
	DROPBOX INC		1,084,929	920,020
	INTERNATIONAL BUSINESS MACHINE		972,384	917,036
	ING GROEP NV		1,113,776	915,104
	DEUTSCHE LUFTHANSA AG		796,995	910,939
	TAPESTRY INC		824,370	910,489
	EBAY INC		613,869	901,736
	MEDIOBANCA BANCA DI CREDITO FI		891,972	899,714
	SOFTBANK GROUP CORP		481,546	892,081
	OWENS CORNING		671,308	889,422
	SPOTIFY TECHNOLOGY SA		457,409	888,915
	SHOP APOTHEKE EUROPE NV		267,195	887,611
	DEVON ENERGY CORP		1,208,048	880,475
	BANCA FARMAFACTORING SPA		868,470	879,802
	FINECOBANK BANCA FINECO SPA		608,727	879,442
	PRUDENTIAL PLC		765,749	877,408
	KT&G CORP		822,190	871,697
	BANCO SANTANDER SA		1,013,067	862,979
	HUNTING PLC		587,202	861,937
	UBS GROUP AG		842,731	859,759
	MERCADOLIBRE INC		216,498	859,388
	SBI HOLDINGS INC/JAPAN		854,359	855,603
	EXXON MOBIL CORP		773,616	853,254
	SOUTHWEST AIRLINES CO		548,859	852,031
	CHINA LONGYUAN POWER GROUP COR HK/00916		578,441	842,451
	SOPRA STERIA GROUP		565,622	839,176
	EXOR NV		648,213	835,352
	TENARIS SA		1,034,591	832,152
	SPAREBANKEN VEST		625,215	831,666
	KION GROUP AG		562,815	829,147
	INDRA SISTEMAS SA		911,420	824,070
	GENERAL MOTORS CO		592,405	823,389
	NATIONAL OILWELL VARCO INC		1,379,001	821,892
	SONY CORP		522,384	821,844
	VIACOMCBS INC		623,480	819,608
	LLOYDS BANKING GROUP PLC		1,205,446	817,775
	STARBUCKS CORP		575,087	814,118
	PEARL ABYSS CORP		584,529	809,918
	HARLEY-DAVIDSON INC		650,424	809,382
	SEMEN INDONESIA PERSERO TBK PT		515,323	802,996
	BASF SE		662,113	800,909
	ORACLE CORP		672,467	799,568
	BORGWARNER INC		720,151	799,539
	PFIZER INC		720,128	794,397
	SOCIETE GENERALE SA		995,251	794,102
	BAYER AG		1,015,886	788,350

American Electric Power System Retirement Plan

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 EIN: 13-4922641 Plan Number: 001

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	MULTICHOICE GROUP	\$ 603,295	\$ 783,679	
	LG CHEM LTD	302,560	782,811	
	BROOKLINE BANCORP INC	1,137,151	781,565	
	TRIP.COM GROUP LTD ADR	776,666	778,961	
	DXC TECHNOLOGY CO	753,826	776,620	
	VALUE PARTNERS GROUP LTD HK/00806	991,692	776,450	
	JOHNSON CONTROLS INTERNATIONAL	588,276	773,301	
	NORDIC ENTERTAINMENT GROUP AB	350,489	772,565	
	WESTROCK CO	633,407	771,874	
	WESTERN UNION CO/THE	793,878	768,558	
	CONTINENTAL AG	745,271	762,695	
	TREMOR INTERNATIONAL LTD	8,005,448	758,423	
	HAITONG SECURITIES CO LTD HK/06837	846,163	758,123	
	NAVER CORP	431,366	756,089	
	CIMB GROUP HOLDINGS BHD	836,485	747,190	
	CHINA YONGDA AUTOMOBILES SERVI HK/03669	395,647	746,547	
	BRIDGESTONE CORP	862,831	744,024	
	PARKER-HANNIFIN CORP	349,032	743,679	
	DIGITAL VALUE SPA	293,040	742,919	
	RWS HOLDINGS PLC	828,051	741,573	
	ENERPLUS CORP	1,132,263	740,624	
	SNAM SPA	562,802	734,617	
	SOUTH32 LTD	784,618	733,022	
	NIPPON PARKING DEVELOPMENT CO	715,323	731,181	
	CHINA MERCHANTS BANK CO LTD HK/03968	481,557	731,159	
	QUALICORP CONSULTORIA E CORRET	572,854	729,541	
	AMADEUS IT GROUP SA	481,615	726,269	
	DOORDASH INC	882,631	725,027	
	CARS.COM INC	433,282	718,906	
	AMS AG	540,112	716,404	
	FRESENIUS SE & CO KGAA	793,106	712,590	
	HOLLYSYS AUTOMATION TECHNOLOGI	933,601	711,966	
	DENA CO LTD	690,840	710,699	
	SHANGRI-LA ASIA LTD HK/00069	998,690	709,317	
	NATWEST GROUP PLC	853,764	704,049	
	GRUPPO MUTUIONLINE SPA	272,703	699,649	
	WING TAI HOLDINGS LTD	708,328	699,058	
	CERVED GROUP SPA	714,039	698,526	
	HEIJMANS NV	732,736	695,092	
	SIME DARBY PROPERTY BHD	1,040,244	692,630	
	ZIONS BANCORP NA	753,010	690,435	
	FANUC CORP	470,223	687,762	
	PREMIER FINANCIAL CORP	942,336	685,400	
	GENTING SINGAPORE LTD	872,109	685,004	
	MICRON TECHNOLOGY INC	346,887	680,905	
	SWIRE PACIFIC LTD HK/00087	849,511	680,021	
	PING AN INSURANCE GROUP CO OF HK/02318	543,001	679,985	
	MOSAIC CO/THE	644,688	675,344	
	ADECCO GROUP AG	495,239	674,623	
	SAMSUNG C&T CORP	511,055	673,041	
	MANCHESTER UNITED PLC	730,986	670,638	
	SAMSUNG LIFE INSURANCE CO LTD	597,047	667,941	
	EUROBANK ERGASIAS SERVICES AND	661,936	666,707	
	BZW CIA DIGITAL	538,782	665,514	
	PROSIEBENSAT.1 MEDIA SE	616,303	663,772	
	IG GROUP HOLDINGS PLC	498,067	659,029	
	ECKOH PLC	379,246	655,838	
	ACCENTURE PLC	431,548	655,637	
	COCA-COLA ICECEK AS	357,562	654,007	
	GENOMMA LAB INTERNACIONAL SAB	581,291	653,403	
	ENI SPA	602,830	652,949	
	VICAT SA	785,221	652,331	
	SOLOCAL GROUP	1,794,993	651,378	
	KRAFT HEINZ CO/THE	570,885	650,395	
	NXP SEMICONDUCTORS NV	361,045	649,238	
	BB SEGURIDADE PARTICIPACOES SA	563,999	648,173	
	DOUBLEGAMES CO LTD	540,523	643,064	
	RAYTHEON TECHNOLOGIES CORP	650,370	637,726	
	MS&AD INSURANCE GROUP HOLDINGS	644,043	635,836	

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(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	INFINEON TECHNOLOGIES AG	\$ 347,737	\$ 635,256	
	TAKEDA PHARMACEUTICAL CO LTD	686,358	632,835	
	NS SOLUTIONS CORP	601,408	630,113	
	CORP FINANCIERA ALBA SA	681,233	625,549	
	LINDE PLC	383,155	625,479	
	MINWISE CO LTD	575,282	621,959	
	3M CO	577,516	618,757	
	COATS GROUP PLC	623,228	613,251	
	GAM HOLDING AG	729,207	607,800	
	VIENNA INSURANCE GROUP AG WIEN	630,171	607,666	
	ASTM SPA	532,409	606,763	
	EURAZEO SE	611,633	605,866	
	AUMANN AG	769,121	605,084	
	AMERICAN EXPRESS CO	466,996	603,341	
	AUTOHOME INC ADR	470,765	602,103	
	CAMBRIDGE BANCORP	652,497	599,850	
	IQIYI INC ADR	674,830	592,729	
	WIRTUALNA POLSKA HOLDING SA	323,409	591,421	
	SPIRIT AEROSYSTEMS HOLDINGS IN	506,764	590,650	
	EQUITY COMMONWEALTH	644,272	589,930	
	KGINICIS CO LTD	510,535	587,323	
	GENTING BHD	785,147	584,096	
	VEOLIA ENVIRONNEMENT SA	521,023	582,946	
	TAIHEIYO CEMENT CORP	659,077	579,522	
	AIXTRON SE	397,407	578,214	
	CBRE GROUP INC	378,918	575,770	
	JUMBO SA	535,047	574,576	
	CK HUTCHISON HOLDINGS LTD HK/00001	652,579	572,059	
	BANGKOK BANK PCL	794,650	570,374	
	IJM CORP BHD	590,295	568,851	
	TITAN CEMENT INTERNATIONAL SA	627,274	562,765	
	PPC LTD	963,084	562,351	
	HYUNDAI GLOVIS CO LTD	370,295	561,672	
	FUKUDA DENSHI CO LTD	480,637	560,914	
	KITZ CORP	571,748	560,477	
	CAIRN HOMES PLC	638,611	555,487	
	KNOW IT AB	270,566	550,285	
	WYNN MACAU LTD HK/01128	661,969	549,641	
	GEA GROUP AG	430,753	544,656	
	SONAE SGPS SA	672,717	544,388	
	ATOS SE	485,675	544,225	
	LEGGETT & PLATT INC	397,521	544,004	
	TSUBAKIMOTO CHAIN CO	590,722	543,576	
	MOHAWK INDUSTRIES INC	488,492	542,658	
	TOTAL SE	517,055	540,755	
	QIWI PLC ADR	774,940	540,740	
	NOKIA OYJ	582,365	540,655	
	TOSEI CORP	459,267	539,316	
	HENKEL AG & CO KGAA	494,406	536,122	
	SATS LTD	376,190	536,057	
	AGC INC	496,292	534,883	
	TOWER BERSAMA INFRASTRUCTURE T	313,242	534,336	
	APPLIED MATERIALS INC	248,175	533,766	
	JAPAN PETROLEUM EXPLORATION CO	621,150	532,392	
	TKH GROUP NV	553,745	531,590	
	SAIPEM SPA	828,163	529,725	
	FISERV INC	461,152	529,449	
	CHINA EVERBRIGHT ENVIRONMENT G HK/00257	754,534	528,163	
	STANDARD CHARTERED PLC	647,809	523,322	
	SEINO HOLDINGS CO LTD	591,327	522,839	
	OMNICOM GROUP INC	521,121	516,424	
	MARRIOTT INTERNATIONAL INC/MD	470,912	515,807	
	TREASURY WINE ESTATES LTD	503,010	514,020	
	ZYNGA INC	263,145	514,000	
	DOWA HOLDINGS CO LTD	439,645	513,700	
	GRESHAM HOUSE PLC	288,292	510,894	
	MALAYSIA AIRPORTS HOLDINGS BHD	630,606	510,687	
	NITTO DENKO CORP	288,233	508,680	
	BEIJING CAPITAL INTERNATIONAL HK/00694	532,249	506,287	

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(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	ABB LTD	\$ 381,493	\$ 503,872	
	CGG SA	873,208	502,388	
	IMAX CORP	474,171	501,677	
	RAIFFEISEN BANK INTERNATIONAL	679,894	501,240	
	CORP AMERICA AIRPORTS SA	898,733	499,588	
	NIPPON INDOSARI CORPINDO TBK P	340,003	498,125	
	YOMA STRATEGIC HOLDINGS LTD	540,953	494,930	
	MEGA MANUNGGAL PROPERTY TBK PT	576,158	494,071	
	AENA SME SA	324,615	493,084	
	GINKO INTERNATIONAL CO LTD	524,911	492,954	
	HI SUN TECHNOLOGY CHINA LTD HK/00818	487,740	491,048	
	KENDRION NV	383,480	487,726	
	SYDNEY AIRPORT	400,584	480,590	
	SIME DARBY BHD	469,494	478,482	
	AIRBUS SE	262,205	475,872	
	CJ ENM CO LTD	628,075	469,880	
	TSUMURA & CO	448,433	466,599	
	TOYO TANSO CO LTD	554,573	463,473	
	CARGOTEC OYJ	319,971	461,806	
	BANKINTER SA	721,761	461,517	
	SNAP-ON INC	362,663	460,367	
	FRAPORT AG FRANKFURT AIRPORT S	479,368	457,488	
	SWATCH GROUP AG/THE	379,095	456,253	
	CHINA RESOURCES MEDICAL HOLDIN HK/01515	306,602	453,150	
	SABRE CORP	386,106	453,034	
	PIRAEUS PORT AUTHORITY SA	380,403	452,180	
	FOURLIS HOLDINGS SA	496,900	449,053	
	OKAMOTO INDUSTRIES INC	540,226	448,574	
	JEFFERIES FINANCIAL GROUP INC	264,426	447,720	
	GREENTOWN SERVICE GROUP CO LTD HK/02869	326,251	443,729	
	ZHEJIANG EXPRESSWAY CO LTD HK/00576	426,570	440,955	
	NATIONAL GRID PLC	414,296	437,421	
	BOEING CO/THE	362,509	436,682	
	CAPITA PLC	896,552	435,309	
	NEINOR HOMES SA	442,744	432,562	
	HUTCHISON PORT HOLDINGS TRUST	436,632	432,272	
	CIELO SA	829,882	432,120	
	BOLSA DE VALORES DE COLOMBIA	430,970	429,125	
	KYOCERA CORP	431,328	426,451	
	CHINA LESSO GROUP HOLDINGS LTD HK/02128	225,494	425,973	
	FLSMIDTH & CO A/S	398,005	423,238	
	MAISONS DU MONDE SA	359,373	422,547	
	CHOW SANG SANG HOLDINGS INTERN HK/00116	442,129	421,128	
	UNIPOL GRUPPO SPA	327,858	420,664	
	KONINKLIJKE AHOLD DELHAIZE NV	380,569	416,764	
	HONG KONG EXCHANGES & CLEARING HK/00388	331,031	416,567	
	PROFARMA DISTRIBUIDORA DE PROD	456,983	414,453	
	TREND MICRO INC/JAPAN	363,659	414,238	
	CREDICORP LTD	322,125	413,822	
	ACCOR SA	305,179	413,237	
	LEGAL & GENERAL GROUP PLC	384,483	408,494	
	CJ CORP	429,567	407,468	
	BANCOLOMBIA SA	337,638	404,359	
	PAX GLOBAL TECHNOLOGY LTD HK/00327	211,803	404,317	
	TRIPADVISOR INC	278,683	400,042	
	CHINA SANJIANG FINE CHEMICALS HK/02198	365,002	394,936	
	NICHI-IKO PHARMACEUTICAL CO LT	550,122	393,392	
	LANDIS+GYR GROUP AG	323,947	393,263	
	SANSEI TECHNOLOGIES INC	452,378	391,951	
	ROCHE HOLDING AG	345,477	391,865	
	CARLSBERG AS	295,405	388,733	
	MARISA LOJAS SA	414,832	383,228	
	KNIGHT-SWIFT TRANSPORTATION HO	318,097	372,951	
	COSCO CAPITAL INC	367,098	369,012	
	COCA-COLA BOTTLERS JAPAN HOLDI	565,230	366,542	
	VEON LTD ADR	587,365	365,296	
	MATTEL INC	214,769	360,692	
	21VIANET GROUP INC ADR	237,544	360,082	
	H&R BLOCK INC	347,592	360,022	

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value		Cost	Current value
	WW INTERNATIONAL INC	\$	356,804	\$ 359,412
	MEDIASET SPECIAL VOTING SHARE A		459,030	358,280
	EFFAGE SA		297,063	357,051
	VOLVO AB		219,571	352,791
	CLP HOLDINGS LTD HK/00002		362,421	351,387
	GRUPO DE INVERSIONES SURAMERIC		512,053	348,724
	VALID SOLUCOES E SERVICOS DE S		703,033	347,637
	GILEAD SCIENCES INC		425,037	340,821
	BLUE APRON HOLDINGS INC		1,024,336	340,096
	INVERSIONES LA CONSTRUCCION SA		639,106	338,731
	TELEFONICA DEUTSCHLAND HOLDING		480,902	337,417
	RE/MAX HOLDINGS INC		341,081	335,689
	NIKE INC		158,985	329,625
	CHANJET INFORMATION TECHNOLOGY HK/01588		353,817	328,151
	SIEMENS ENERGY AG		223,246	323,935
	DORMAKABA HOLDING AG		307,865	318,344
	BRISTOL-MYERS SQUIBB CO		264,380	318,276
	ABSA GROUP LTD		409,484	317,783
	NIKON CORP		460,625	315,017
	TWITTER INC		230,485	314,612
	EASTMAN CHEMICAL CO		164,943	313,876
	PROSUS NV		239,674	311,856
	FOOT LOCKER INC		289,184	308,517
	GRUPO CATALANA OCCIDENTE SA		264,353	307,802
	CISCO SYSTEMS INC		315,914	303,853
	VODAFONE GROUP PLC ADR		249,775	299,310
	TELEVISION FRANCAISE 1		316,239	299,145
	IPSOS		235,979	295,015
	EXTENDED STAY AMERICA INC		259,096	294,719
	CANADA GOOSE HOLDINGS INC SUB VTG		252,098	292,562
	KONINKLIJKE PHILIPS NV		220,228	291,940
	BASIC-FIT NV		230,044	291,450
	IBERSOL SGPS SA		452,221	289,612
	CHECK POINT SOFTWARE TECHNOLOG		234,378	288,946
	MIXI INC		264,294	287,739
	HSBC HOLDINGS PLC HK/00005		225,810	281,797
	THYSSENKRUPP AG		269,382	279,516
	HONGKONG LAND HOLDINGS LTD		308,307	278,114
	TARKETT SA		278,403	269,573
	DATALOGIC SPA		226,820	263,438
	KINGSOFT CORP LTD HK/03888		205,330	262,966
	SWISSCOM AG		259,932	261,772
	ARCOS DORADOS HOLDINGS INC		332,216	258,673
	INDUSTRIA DE DISENO TEXTIL SA		254,307	252,978
	GRUPO TRAXION SAB DE CV		227,157	243,262
	US BANCORP		264,806	236,724
	NOVO NORDISK A/S		205,866	229,824
	MOMO INC ADR		556,382	221,699
	LINK NET TBK PT		364,651	217,164
	GREENCORE GROUP PLC		0	214,810
	KINGSOFT CLOUD HOLDINGS LTD ADR		203,532	213,831
	TELEFONICA BRASIL SA		206,751	210,379
	KINEPOLIS GROUP NV		221,586	209,616
	VIVENDI SA		135,234	207,026
	SANLAM LTD		159,717	206,390
	VITAL KSK HOLDINGS INC		250,860	190,328
	SAFRAN SA		150,184	183,297
	WAL-MART DE MEXICO SAB DE CV		187,555	178,997
	CONSORCIO ARA SAB DE CV		215,699	177,522
	NOVARTIS AG		150,305	166,552
	SECOM CO LTD		139,846	156,704
	MEDIASET SPA		122,218	149,286
	BANCO BILBAO VIZCAYA ARGENTARI		120,831	146,383
	RAZER INC HK/01337		134,683	139,505
	INTERCONTINENTAL EXCHANGE INC		95,009	138,463
	ELIS SA		131,410	137,252
	IGM FINANCIAL INC		150,707	136,577
	SOCIETE BIC SA		136,298	126,221
	UNILEVER INDONESIA TBK PT		121,077	117,861

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	PEUGEOT SA	\$ 99,039	\$ 109,812	
	DAITO TRUST CONSTRUCTION CO LT	145,028	102,707	
	CATCHER TECHNOLOGY CO LTD	97,929	102,641	
	KEPPEL CORP LTD	118,224	97,696	
	NIPPON TELEGRAPH & TELEPHONE C	84,938	94,807	
	FRASER AND NEAVE LTD	108,912	83,752	
	THALES SA	58,165	73,590	
	NESTLE SA	63,196	66,051	
	KBC GROUP NV	47,238	65,950	
	CAIRN HOMES PLC	109,976	65,282	
	MUENCHENER RUECKVERSICHERUNGS-	63,116	64,466	
	CISCO SYSTEMS INC	49,456	64,440	
	HERIGE SADCs	53,986	63,825	
	ITALGAS SPA	61,411	61,270	
	VODAFONE GROUP PLC	34,481	30,505	
	RICHEMONT(CIE FIN) WTS 22-NOV-2023 (TO SUB FOR ORD)	208,673	7,079	
	FRESENIUS KABI PHARMACEUTICALS RTS EXP 12/31/2010	750	748	
Total Corporate Stock		921,236,346	1,219,726,752	
Corporate Obligations				
	VERIZON COMMUNICATIONS INC 4.812% 03/15/2039 DD 02/03/17	10,057,713	10,847,915	
	AT&T INC 144A 3.550% 09/15/2055 DD 09/18/20	7,669,699	8,937,598	
	ANHEUSER-BUSCH INBEV WORLDWIDE 5.450% 01/23/2039 DD 01/23/19	7,739,908	8,321,058	
	AT&T INC 144A 3.550% 09/15/2055 DD 09/18/20	6,187,863	7,218,446	
	AT&T INC 144A 3.500% 09/15/2053 DD 09/18/20	6,278,248	6,589,673	
	DUKE ENERGY CAROLINAS LLC 6.000% 01/15/2038 DD 01/10/08	4,343,628	5,819,909	
	CHARTER COMMUNICATIONS OPERATI 5.375% 05/01/2047 DD 11/01/17	5,108,105	5,722,584	
	WELLS FARGO & CO 4.650% 11/04/2044 DD 11/04/14	5,195,356	5,586,246	
	AT&T INC 144A 3.800% 12/01/2057 DD 12/07/20	5,554,877	5,412,789	
	MICROSOFT CORP 2.525% 06/01/2050 DD 06/01/20	5,083,829	5,277,973	
	LOCKHEED MARTIN CORP 4.070% 12/15/2042 DD 12/14/12	3,987,468	5,158,896	
	FLORIDA POWER & LIGHT CO 5.960% 04/01/2039 DD 03/17/09	3,720,898	5,144,257	
	GOLDMAN SACHS GROUP INC/THE VAR RT 10/31/2038 DD 10/31/17	4,186,975	5,143,733	
	NORTHROP GRUMMAN CORP 4.750% 06/01/2043 DD 05/31/13	4,216,138	5,067,718	
	WYETH LLC 5.950% 04/01/2037 DD 03/27/07	3,582,457	4,912,715	
	ORACLE CORP 4.125% 05/15/2045 DD 05/05/15	3,929,278	4,875,880	
	COCA-COLA CO/THE 2.500% 06/01/2040 DD 05/01/20	4,412,837	4,702,637	
	EXXON MOBIL CORP 4.227% 03/19/2040 DD 03/19/20	3,769,901	4,632,702	
	ANHEUSER-BUSCH INBEV WORLDWIDE 4.600% 04/15/2048 DD 04/04/18	4,186,412	4,612,383	
	UNION PACIFIC CORP 3.250% 02/05/2050 DD 01/31/20	3,759,150	4,537,200	
	CONSOLIDATED EDISON CO OF NEW 4.450% 03/15/2044 DD 03/06/14	3,596,976	4,518,432	
	STARBUCKS CORP 3.500% 11/15/2050 DD 05/07/20	3,888,770	4,501,310	
	COMCAST CORP 3.200% 07/15/2036 DD 07/19/16	4,002,405	4,413,632	
	HSBC HOLDINGS PLC 6.500% 09/15/2037 DD 09/12/07	3,032,877	4,382,733	
	BANK OF AMERICA CORP VAR RT 10/22/2030 DD 10/22/19	3,885,000	4,266,157	
	GILEAD SCIENCES INC 4.150% 03/01/2047 DD 09/20/16	3,539,614	4,257,137	
	GOLDMAN SACHS GROUP INC/THE 6.250% 02/01/2041 DD 01/28/11	2,866,508	4,186,372	
	MEXICO GOVERNMENT INTERNATIONA 5.000% 04/27/2051	3,485,689	4,170,750	
	ANHEUSER-BUSCH COS LLC / ANHEU 4.700% 02/01/2036 DD 02/01/19	3,124,000	4,117,010	
	VERIZON COMMUNICATIONS INC 4.750% 11/01/2041 DD 11/03/11	3,167,831	4,051,807	
	AT&T INC 4.500% 03/09/2048 DD 09/07/16	3,040,212	4,031,026	
	TOTAL CAPITAL INTERNATIONAL SA 3.127% 05/29/2050 DD 05/29/20	3,660,000	3,966,562	
	ANHEUSER-BUSCH INBEV WORLDWIDE 4.439% 10/06/2048 DD 04/06/17	3,283,926	3,964,433	
	APPLE INC 3.750% 11/13/2047 DD 11/13/17	3,525,989	3,954,364	
	AMGEN INC 4.663% 06/15/2051 DD 12/15/16	2,973,096	3,907,975	
	MEXICO GOVERNMENT INTERNATIONA 3.771% 05/24/2061 DD 11/24/20	3,738,000	3,893,127	
	VERIZON COMMUNICATIONS INC 4.522% 09/15/2048 DD 03/13/15	2,919,856	3,888,767	
	COMCAST CORP 3.400% 07/15/2046 DD 07/19/16	3,465,773	3,868,267	
	UNION PACIFIC CORP 4.375% 11/15/2065 DD 10/29/15	3,333,412	3,853,949	
	WELLS FARGO BANK NA 5.850% 02/01/2037 DD 01/29/07	2,928,435	3,826,875	
	JPMORGAN CHASE & CO VAR RT 04/23/2029 DD 04/23/18	3,439,807	3,815,630	
	BP CAPITAL MARKETS AMERICA INC 2.772% 11/10/2050 DD 08/10/20	3,724,739	3,712,223	
	MIDAMERICAN ENERGY CO 4.250% 07/15/2049 DD 01/09/19	3,365,665	3,698,946	
	BOEING CO/THE 5.805% 05/01/2050 DD 05/04/20	2,645,000	3,645,207	
	VERIZON COMMUNICATIONS INC 3.850% 11/01/2042 DD 11/07/12	2,610,225	3,635,182	
	WELLS FARGO BANK NA 6.600% 01/15/2038 DD 12/07/07	2,590,069	3,619,381	
	WALMART INC 4.050% 06/29/2048 DD 06/27/18	2,969,103	3,596,183	
	EXXON MOBIL CORP 3.452% 04/15/2051 DD 04/15/20	3,110,000	3,554,388	
	HSBC HOLDINGS PLC VAR RT 06/19/2029 DD 06/19/18	3,000,000	3,549,150	
	CITIGROUP INC VAR RT 03/31/2031 DD 03/31/20	2,925,000	3,547,031	
	INTEL CORP 3.250% 11/15/2049 DD 11/21/19	3,128,216	3,503,284	
	BOEING CO/THE 5.705% 05/01/2040 DD 05/04/20	2,675,000	3,471,401	
	ANHEUSER-BUSCH INBEV WORLDWIDE 5.550% 01/23/2049 DD 01/23/19	2,683,080	3,433,816	
	SHELL INTERNATIONAL FINANCE BV 6.375% 12/15/2038 DD 12/11/08	2,593,534	3,421,990	
	UNITEDHEALTH GROUP INC 3.500% 08/15/2039 DD 07/25/19	3,050,090	3,420,158	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year) EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	JPMORGAN CHASE & CO VAR RT 07/24/2038 DD 07/24/17	\$ 3,107,151	\$ 3,367,272	
	MICROSOFT CORP 3.500% 11/15/2042 DD 11/07/12	2,663,715	3,354,884	
	LOCKHEED MARTIN CORP 4.070% 12/15/2042 DD 12/14/12	3,005,487	3,346,135	
	GOLDMAN SACHS GROUP INC/THE VAR RT 10/31/2038 DD 10/31/17	2,992,573	3,343,732	
	BIOGEN INC 5.200% 09/15/2045 DD 09/15/15	2,489,674	3,326,855	
	BLACKROCK INC 1.900% 01/28/2031 DD 05/06/20	3,128,822	3,286,732	
	ENTERPRISE PRODUCTS OPERATING 4.800% 02/01/2049 DD 10/11/18	3,004,157	3,269,020	
	BRISTOL-MYERS SQUIBB CO 4.250% 10/26/2049 DD 04/26/20	2,540,754	3,259,067	
	NORTHWESTERN MUTUAL LIFE 144A 3.625% 09/30/2059 DD 09/20/19	2,809,882	3,232,406	
	AT&T INC 3.300% 02/01/2052 DD 08/04/20	3,253,112	3,227,267	
	RAYTHEON TECHNOLOGIES CORP 4.500% 06/01/2042 DD 06/01/12	2,671,662	3,207,865	
	JPMORGAN CHASE & CO VAR RT 10/15/2030 DD 09/12/19	2,950,000	3,207,624	
	APPLE INC 2.650% 05/11/2050 DD 05/11/20	2,976,844	3,205,277	
	EQUINOR ASA 3.625% 04/06/2040 DD 04/06/20	2,640,269	3,192,910	
	ORACLE CORP 4.000% 11/15/2047 DD 11/09/17	2,949,125	3,173,667	
	JPMORGAN CHASE & CO VAR RT 01/23/2049 DD 01/23/18	2,871,670	3,170,610	
	ANTHEM INC 4.550% 03/01/2048 DD 03/02/18	2,371,884	3,170,517	
	VERIZON COMMUNICATIONS IN 144A 2.987% 10/30/2056 DD 10/06/20	2,599,071	3,148,676	
	AMGEN INC 3.150% 02/21/2040 DD 02/21/20	2,875,506	3,115,292	
	GE CAPITAL INTERNATIONAL FUNDI 4.418% 11/15/2035 DD 05/15/16	2,739,840	3,103,230	
	ABBOTT LABORATORIES 4.750% 11/30/2036 DD 11/22/16	2,240,568	3,101,798	
	CORNING INC 5.450% 11/15/2079 DD 11/19/19	2,286,259	3,061,299	
	WELLS FARGO & CO 4.900% 11/17/2045 DD 11/17/15	2,553,923	3,047,410	
	PFIZER INC 4.000% 12/15/2036 DD 11/21/16	2,748,605	3,038,808	
	DUPONT DE NEMOURS INC 5.419% 11/15/2048 DD 11/28/18	2,087,118	3,008,041	
	NEW YORK LIFE INSURANCE C 144A 6.750% 11/15/2039 DD 10/08/09	2,494,385	3,000,043	
	ALTRIA GROUP INC 5.950% 02/14/2049 DD 02/14/19	2,587,565	2,985,446	
	BANK OF AMERICA CORP VAR RT 04/24/2038 DD 04/24/17	2,801,172	2,981,246	
	VISA INC 4.300% 12/14/2045 DD 12/14/15	2,276,934	2,972,336	
	DOW CHEMICAL CO/THE 3.600% 11/15/2050 DD 08/26/20	2,620,464	2,966,172	
	COMCAST CORP 4.700% 10/15/2048 DD 10/05/18	2,196,849	2,947,965	
	TRANSCANADA PIPELINES LTD 6.200% 10/15/2037 DD 10/05/07	2,629,673	2,944,968	
	WASTE MANAGEMENT INC 4.100% 03/01/2045 DD 02/26/15	2,462,896	2,935,085	
	ANHEUSER-BUSCH INBEV WORLDWIDE 4.439% 10/06/2048 DD 04/06/17	2,331,117	2,921,358	
	EQUINOR ASA 3.000% 04/06/2027 DD 04/06/20	2,602,082	2,911,410	
	AVALONBAY COMMUNITIES INC 4.350% 04/15/2048 DD 03/26/18	2,296,481	2,899,193	
	WYETH LLC 5.950% 04/01/2037 DD 03/27/07	2,408,904	2,894,859	
	ENERGY TRANSFER OPERATING LP 6.250% 04/15/2049 DD 01/15/19	2,880,313	2,860,609	
	APPLE INC 3.450% 02/09/2045 DD 02/09/15	2,382,601	2,839,847	
	MERCK & CO INC 2.450% 06/24/2050 DD 06/24/20	2,670,591	2,831,737	
	CSX CORP 4.750% 05/30/2042 DD 11/01/11	2,175,449	2,817,524	
	WALT DISNEY CO/THE 6.200% 12/15/2034 DD 06/15/19	2,649,319	2,812,848	
	INTERNATIONAL BUSINESS MACHINE 4.250% 05/15/2049 DD 05/15/19	2,234,029	2,806,159	
	CVS HEALTH CORP 5.050% 03/25/2048 DD 03/09/18	2,083,345	2,801,364	
	MICROSOFT CORP 4.100% 02/06/2037 DD 02/06/17	2,100,432	2,762,686	
	SOUTHERN CO/THE 4.400% 07/01/2046 DD 05/24/16	2,484,113	2,742,222	
	BANK OF AMERICA CORP VAR RT 03/20/2051 DD 03/20/20	2,165,000	2,734,114	
	FEDEX CORP 4.050% 02/15/2048 DD 01/31/18	2,250,598	2,731,775	
	BANK OF AMERICA CORP VAR RT 06/19/2041 DD 06/19/20	2,641,103	2,729,778	
	GEORGIA POWER CO 4.300% 03/15/2042 DD 03/06/12	2,143,906	2,723,871	
	JPMORGAN CHASE & CO 5.600% 07/15/2041 DD 07/21/11	1,938,775	2,723,040	
	MOTIVA ENTERPRISES LLC 144A 6.850% 01/15/2040 DD 01/11/10	2,634,729	2,718,841	
	KINDER MORGAN INC 5.550% 06/01/2045 DD 11/26/14	2,102,889	2,711,624	
	AMGEN INC 4.563% 06/15/2048 DD 12/15/16	2,367,737	2,708,582	
	EXELON GENERATION CO LLC 6.250% 10/01/2039 DD 09/23/09	2,531,031	2,707,762	
	URUGUAY GOVERNMENT INTERNATION 5.100% 06/18/2050 DD 06/18/14	2,072,836	2,679,069	
	RAYTHEON TECHNOLOGIES CORP 4.450% 11/16/2038 DD 08/16/18	2,529,074	2,673,214	
	ANHEUSER-BUSCH COS LLC / ANHEU 4.900% 02/01/2046 DD 02/01/19	1,956,401	2,671,973	
	DUKE ENERGY PROGRESS LLC 4.150% 12/01/2044 DD 11/20/14	2,451,834	2,664,921	
	CVS HEALTH CORP 4.125% 04/01/2040 DD 03/31/20	2,301,341	2,663,201	
	SCENTRE GROUP TRUST 2 144A VAR RT 09/24/2080 DD 09/24/20	2,515,000	2,652,420	
	BURLINGTON NORTHERN SANTA FE L 3.900% 08/01/2046 DD 05/16/16	2,318,912	2,638,781	
	VIACOMCBS INC 5.250% 04/01/2044 DD 03/11/14	2,413,888	2,624,970	
	CHARTER COMMUNICATIONS OPERATI 6.484% 10/23/2045 DD 10/23/16	2,361,436	2,616,751	
	CVS HEALTH CORP 4.780% 03/25/2038 DD 03/09/18	2,251,520	2,602,377	
	COMCAST CORP 4.650% 07/15/2042 DD 07/02/12	2,118,327	2,590,645	
	UNITEDHEALTH GROUP INC 6.875% 02/15/2038 DD 02/07/08	1,679,596	2,572,131	
	EMERA US FINANCE LP 4.750% 06/15/2046 DD 12/15/16	2,103,803	2,571,667	
	ORACLE CORP 3.800% 11/15/2037 DD 11/09/17	2,342,691	2,560,642	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	ANTHEM INC 4.650% 01/15/2043 DD 09/10/12	\$ 2,110,177	\$ 2,555,573	
	TIME WARNER CABLE LLC 6.750% 06/15/2039 DD 06/29/09	2,206,439	2,540,430	
	GENERAL ELECTRIC CO 4.250% 05/01/2040 DD 04/22/20	2,138,951	2,535,840	
	MARSH & MCLENNAN COS INC 4.900% 03/15/2049 DD 01/15/19	1,733,144	2,515,039	
	PACIFIC GAS AND ELECTRIC CO 3.500% 08/01/2050 DD 06/19/20	2,509,067	2,509,623	
	TIME WARNER CABLE LLC 5.875% 11/15/2040 DD 11/15/10	2,053,505	2,509,349	
	LOWE'S COS INC 4.050% 05/03/2047 DD 05/03/17	2,042,359	2,497,381	
	BANK OF AMERICA CORP 4.750% 04/21/2045 DD 04/21/15	1,701,641	2,496,963	
	VERIZON COMMUNICATIONS INC 4.272% 01/15/2036 DD 07/15/15	1,894,524	2,494,203	
	RAYTHEON TECHNOLOGIES CORP 4.050% 05/04/2047 DD 05/04/17	2,279,660	2,491,480	
	ELECTRICITE DE FRANCE SA 144A 5.000% 09/21/2048 DD 09/21/18	1,814,872	2,467,502	
	STANFORD HEALTH CARE 3.310% 08/15/2030 DD 04/01/20	2,161,000	2,461,098	
	CSX CORP 4.100% 03/15/2044 DD 10/22/12	2,187,618	2,459,151	
	BERKSHIRE HATHAWAY FINANCE COR 4.200% 08/15/2048 DD 08/15/18	2,197,891	2,442,981	
	ABBVIE INC 4.050% 11/21/2039 DD 05/21/20	2,123,106	2,442,244	
	BOEING CO/THE 5.930% 05/01/2060 DD 05/04/20	1,919,443	2,432,882	
	GENERAL MOTORS CO 5.000% 04/01/2035 DD 11/12/14	1,998,022	2,432,242	
	CHARTER COMMUNICATIONS OPERATI 5.375% 05/01/2047 DD 11/01/17	1,986,430	2,421,333	
	DISCOVERY COMMUNICATIONS LLC 5.200% 09/20/2047 DD 09/21/17	2,121,745	2,417,141	
	ORACLE CORP 3.850% 07/15/2036 DD 07/07/16	2,040,044	2,413,912	
	INTEL CORP 4.750% 03/25/2050 DD 03/25/20	1,723,085	2,407,341	
	LOWE'S COS INC 5.000% 04/15/2040 DD 03/26/20	1,761,734	2,396,421	
	MORGAN STANLEY VAR RT 07/22/2038 DD 07/24/17	2,075,986	2,391,011	
	GENERAL ELECTRIC CO 5.875% 01/14/2038 DD 01/14/08	2,055,629	2,382,688	
	JOHNSON & JOHNSON 4.375% 12/05/2033 DD 12/05/13	1,942,407	2,376,282	
	MICROSOFT CORP 2.525% 06/01/2050 DD 06/01/20	2,117,891	2,370,606	
	ORACLE CORP 3.600% 04/01/2050 DD 04/01/20	2,143,256	2,363,947	
	SHELL INTERNATIONAL FINANCE BV 4.375% 05/11/2045 DD 05/11/15	1,780,984	2,351,970	
	KINDER MORGAN ENERGY PARTNERS 5.500% 03/01/2044 DD 02/24/14	1,894,538	2,331,748	
	AMAZON.COM INC 4.050% 08/22/2047 DD 02/22/18	2,129,279	2,323,992	
	HOME DEPOT INC/THE 5.875% 12/16/2036 DD 12/19/06	2,126,511	2,304,548	
	METLIFE INC 4.875% 11/13/2043 DD 11/13/13	1,604,922	2,297,596	
	AMGEN INC 3.375% 02/21/2050 DD 02/21/20	2,115,789	2,284,838	
	LOWE'S COS INC 4.050% 05/03/2047 DD 05/03/17	1,934,790	2,284,572	
	JPMORGAN CHASE & CO VAR RT 07/24/2048 DD 07/24/17	1,830,483	2,281,446	
	ABBVIE INC 4.050% 11/21/2039 DD 05/21/20	1,882,097	2,257,079	
	CONSOLIDATED EDISON CO OF NEW 3.950% 04/01/2050 DD 03/31/20	1,911,090	2,241,819	
	EQUINIX INC 2.950% 09/15/2051 DD 10/07/20	2,202,552	2,236,574	
	GOLDMAN SACHS GROUP INC/THE 6.250% 02/01/2041 DD 01/28/11	1,623,196	2,231,792	
	PFIZER INC 4.200% 09/15/2048 DD 09/07/18	1,772,546	2,227,018	
	GE CAPITAL INTERNATIONAL FUNDI 4.418% 11/15/2035 DD 05/15/16	1,625,193	2,225,971	
	HOME DEPOT INC/THE 3.300% 04/15/2040 DD 03/30/20	1,868,299	2,221,661	
	REYNOLDS AMERICAN INC 5.850% 08/15/2045 DD 06/12/15	2,015,822	2,218,631	
	MORGAN STANLEY VAR RT 07/22/2038 DD 07/24/17	1,988,932	2,212,302	
	ABBVIE INC 4.500% 05/14/2035 DD 05/14/15	1,731,347	2,210,683	
	SOUTHERN CALIFORNIA EDISON CO 3.600% 02/01/2045 DD 01/16/15	2,020,476	2,198,572	
	JOHNSON & JOHNSON 3.700% 03/01/2046 DD 03/01/16	1,968,502	2,193,499	
	DUKE ENERGY CAROLINAS LLC 3.750% 06/01/2045 DD 03/12/15	1,999,146	2,180,963	
	VODAFONE GROUP PLC 4.375% 02/19/2043 DD 02/19/13	1,633,380	2,173,430	
	DOMINION ENERGY INC 4.700% 12/01/2044 DD 11/25/14	1,643,928	2,159,883	
	BRISTOL-MYERS SQUIBB CO 4.250% 10/26/2049 DD 04/26/20	2,072,527	2,150,173	
	MERCK & CO INC 3.700% 02/10/2045 DD 02/10/15	1,956,423	2,143,481	
	WALGREENS BOOTS ALLIANCE INC 4.500% 11/18/2034 DD 11/18/14	1,857,430	2,141,953	
	ASTRAZENECA PLC 6.450% 09/15/2037 DD 09/12/07	1,602,970	2,137,567	
	ANHEUSER-BUSCH INBEV WORLDWIDE 5.550% 01/23/2049 DD 01/23/19	1,538,756	2,137,071	
	HOME DEPOT INC/THE 4.200% 04/01/2043 DD 04/05/13	1,595,156	2,126,743	
	CITIGROUP INC 5.875% 01/30/2042 DD 01/26/12	1,485,640	2,126,362	
	COMCAST CORP 3.400% 04/01/2030 DD 03/27/20	1,831,752	2,121,902	
	SHELL INTERNATIONAL FINANCE BV 4.375% 05/11/2045 DD 05/11/15	1,935,139	2,095,032	
	BURLINGTON NORTHERN SANTA FE L 4.375% 09/01/2042 DD 08/23/12	1,570,858	2,088,167	
	ABBVIE INC 4.250% 11/21/2049 DD 05/21/20	1,682,821	2,081,341	
	CVS HEALTH CORP 5.050% 03/25/2048 DD 03/09/18	1,789,573	2,080,355	
	CANADIAN NATURAL RESOURCES LTD 6.750% 02/01/2039 DD 01/17/08	1,578,885	2,078,955	
	ENTERPRISE PRODUCTS OPERATING 4.900% 05/15/2046 DD 05/07/15	1,764,362	2,074,664	
	VERIZON COMMUNICATIONS INC 4.125% 08/15/2046 DD 08/01/16	1,880,446	2,073,546	
	ABBOTT LABORATORIES 4.750% 11/30/2036 DD 11/22/16	1,894,152	2,070,158	
	ENERGY TRANSFER OPERATING LP 5.000% 05/15/2050 DD 01/22/20	1,969,578	2,067,237	
	CITIGROUP INC VAR RT 04/24/2048 DD 04/25/17	1,574,000	2,059,311	
	ISRAEL ST AID 5.500% 09/18/2033 DD 09/18/03	1,485,786	2,058,185	

American Electric Power System Retirement Plan

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	NORFOLK SOUTHERN CORP 3.050% 05/15/2050 DD 05/11/20	\$ 1,880,570	\$ 2,053,689	
	SOUTHERN CALIFORNIA EDISON CO 4.500% 09/01/2040 DD 08/30/10	1,721,828	2,048,245	
	ALIMENTATION COUCHE-TARD 144A 3.800% 01/25/2050 DD 01/27/20	1,634,363	2,044,879	
	CONSOLIDATED EDISON CO OF NEW 5.500% 12/01/2039 DD 12/04/09	1,767,887	2,043,520	
	MORGAN STANLEY 7.250% 04/01/2032 DD 04/03/02	1,517,856	2,029,374	
	APPLE INC 3.750% 11/13/2047 DD 11/13/17	1,591,839	2,024,483	
	ABBVIE INC 4.250% 11/21/2049 DD 05/21/20	1,608,455	2,006,112	
	PEPSICO INC 4.250% 10/22/2044 DD 10/22/14	1,681,736	2,002,852	
	NUTRIEN LTD 4.125% 03/15/2035 DD 03/15/18	1,607,421	1,997,072	
	CORNING INC 5.850% 11/15/2068 DD 11/06/18	1,353,008	1,996,823	
	UNITEDHEALTH GROUP INC 4.250% 06/15/2048 DD 06/19/18	1,739,633	1,996,333	
	BANK OF AMERICA CORP VAR RT 03/15/2050 DD 03/15/19	1,848,095	1,990,258	
	PARKER-HANNIFIN CORP 4.200% 11/21/2034 DD 11/21/14	1,603,283	1,983,587	
	FEDEX CORP 5.250% 05/15/2050 DD 04/07/20	1,642,649	1,975,920	
	ANTHEM INC 4.650% 08/15/2044 DD 08/12/14	1,701,472	1,972,950	
	CITIGROUP INC VAR RT 03/26/2041 DD 03/26/20	1,400,000	1,971,368	
	GOLDMAN SACHS GROUP INC/THE 3.800% 03/15/2030 DD 03/19/20	1,656,707	1,965,022	
	BANK OF AMERICA CORP VAR RT 03/20/2051 DD 03/20/20	1,555,000	1,963,763	
	APPLE INC 4.650% 02/23/2046 DD 02/23/16	1,529,959	1,963,036	
	AMGEN INC 3.375% 02/21/2050 DD 02/21/20	1,890,486	1,960,826	
	BERKSHIRE HATHAWAY ENERGY CO 3.800% 07/15/2048 DD 01/05/18	1,616,585	1,951,876	
	ABBOTT LABORATORIES 4.750% 11/30/2036 DD 11/22/16	1,511,414	1,951,863	
	WALMART INC 4.050% 06/29/2048 DD 06/27/18	1,762,171	1,940,582	
	NIKE INC 3.375% 03/27/2050 DD 03/27/20	1,648,806	1,934,887	
	ORACLE CORP 3.600% 04/01/2040 DD 04/01/20	1,867,635	1,932,464	
	OGLETHORPE POWER CORP 5.050% 10/01/2048 DD 04/01/19	1,908,269	1,930,111	
	GENERAL ELECTRIC CO 6.750% 03/15/2032 DD 03/20/02	1,489,048	1,927,833	
	PACIFICORP 6.250% 10/15/2037 DD 10/03/07	1,857,381	1,926,551	
	AMAZON.COM INC 4.950% 12/05/2044 DD 12/05/14	1,695,706	1,915,915	
	COLOMBIA GOVERNMENT INTERNATIO 5.000% 06/15/2045 DD 01/28/15	1,590,633	1,915,400	
	BAT CAPITAL CORP 4.540% 08/15/2047 DD 08/15/18	1,769,699	1,907,753	
	COMCAST CORP 3.969% 11/01/2047 DD 10/19/17	1,711,275	1,907,212	
	DOMINION ENERGY INC 4.050% 09/15/2042 DD 09/13/12	1,560,670	1,906,834	
	METLIFE INC 5.875% 02/06/2041 DD 08/06/10	1,473,570	1,904,063	
	MEXICO GOVERNMENT INTERNATIONA 4.500% 01/31/2050 DD 07/31/19	1,553,488	1,891,569	
	HSBC HOLDINGS PLC VAR RT 08/18/2031 DD 08/18/20	1,830,000	1,890,061	
	ORACLE CORP 4.300% 07/08/2034 DD 07/08/14	1,502,053	1,885,774	
	TECK RESOURCES LTD 6.250% 07/15/2041 DD 07/05/11	1,583,845	1,885,758	
	UNITEDHEALTH GROUP INC 2.750% 05/15/2040 DD 05/18/20	1,684,407	1,882,180	
	RAYTHEON TECHNOLOGIES CORP 4.625% 11/16/2048 DD 08/16/18	1,386,758	1,881,634	
	ANHEUSER-BUSCH INBEV WORLDWIDE 5.450% 01/23/2039 DD 01/23/19	1,381,150	1,881,578	
	MCDONALD'S CORP 4.450% 03/01/2047 DD 03/09/17	1,676,394	1,877,546	
	BURLINGTON NORTHERN SANTA FE L 4.550% 09/01/2044 DD 08/18/14	1,642,191	1,870,789	
	MORGAN STANLEY 6.375% 07/24/2042 DD 07/24/12	1,394,621	1,869,980	
	WALT DISNEY CO/THE 4.625% 03/23/2040 DD 03/23/20	1,586,120	1,869,588	
	GOLDMAN SACHS GROUP INC/THE 5.150% 05/22/2045 DD 05/22/15	1,631,447	1,867,397	
	ABBVIE INC 4.400% 11/06/2042 DD 05/06/13	1,465,596	1,864,804	
	WELLS FARGO & CO VAR RT 04/04/2051 DD 03/30/20	1,310,000	1,861,798	
	PUBLIC SERVICE ELECTRIC AND GA 4.050% 05/01/2048 DD 05/04/18	1,436,055	1,857,605	
	SUNOCO LOGISTICS PARTNERS OPER 4.950% 01/15/2043 DD 01/10/13	1,810,888	1,856,174	
	DUPONT DE NEMOURS INC 5.319% 11/15/2038 DD 11/28/18	1,370,000	1,855,542	
	MORGAN STANLEY VAR RT 07/22/2038 DD 07/24/17	1,505,000	1,854,882	
	DUKE ENERGY PROGRESS LLC 3.600% 09/15/2047 DD 09/08/17	1,527,751	1,853,825	
	PACIFICORP 3.300% 03/15/2051 DD 04/08/20	1,704,125	1,850,305	
	NIKE INC 2.850% 03/27/2030 DD 03/27/20	1,627,604	1,846,578	
	VIACOMCBS INC 4.950% 05/19/2050 DD 05/19/20	1,447,169	1,839,354	
	COMCAST CORP 4.000% 03/01/2048 DD 02/08/18	1,433,618	1,839,323	
	MICROSOFT CORP 3.450% 08/08/2036 DD 08/08/16	1,484,234	1,837,364	
	NATIONWIDE MUTUAL INSURAN 144A 9.375% 08/15/2039 DD 08/10/09	1,819,036	1,836,829	
	UNION PACIFIC CORP 4.150% 01/15/2045 DD 08/12/14	1,452,462	1,830,814	
	GILEAD SCIENCES INC 4.500% 02/01/2045 DD 11/17/14	1,644,615	1,828,864	
	ABBVIE INC 4.500% 05/14/2035 DD 05/14/15	1,580,605	1,827,582	
	DISCOVERY COMMUNICATIONS LLC 4.650% 05/15/2050 DD 05/18/20	1,458,131	1,826,095	
	ABBVIE INC 4.875% 11/14/2048 DD 09/18/18	1,388,685	1,823,130	
	MORGAN STANLEY VAR RT 03/24/2051 DD 03/24/20	1,130,000	1,819,244	
	BANK OF AMERICA CORP VAR RT 01/20/2048 DD 01/20/17	1,536,746	1,802,743	
	MASTERCARD INC 3.850% 03/26/2050 DD 03/26/20	1,623,889	1,800,554	
	VIATRIS INC 144A 3.850% 06/22/2040 DD 06/22/20	1,591,682	1,800,229	
	HONEYWELL INTERNATIONAL INC 1.950% 06/01/2030 DD 05/18/20	1,698,147	1,796,203	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	BERKSHIRE HATHAWAY FINANCE COR 4.300% 05/15/2043 DD 05/15/13	\$ 1,655,484	\$ 1,791,238	
	APPLE INC 4.650% 02/23/2046 DD 02/23/16	1,252,730	1,791,040	
	INTERCONTINENTAL EXCHANGE INC 3.000% 06/15/2050 DD 05/26/20	1,659,658	1,785,909	
	MIDAMERICAN ENERGY CO 5.750% 11/01/2035 DD 11/01/05	1,466,140	1,784,797	
	AMERICAN TOWER CORP 2.950% 01/15/2051 DD 11/20/20	1,760,954	1,784,254	
	EXXON MOBIL CORP 4.227% 03/19/2040 DD 03/19/20	1,530,107	1,780,851	
	BANK OF AMERICA CORP 6.110% 01/29/2037 DD 01/29/07	1,348,686	1,776,967	
	PUBLIC SERVICE CO OF COLORADO 4.300% 03/15/2044 DD 03/10/14	1,350,000	1,776,391	
	TARGET CORP 2.650% 09/15/2030 DD 03/31/20	1,573,569	1,775,019	
	AT&T INC 3.300% 02/01/2052 DD 08/04/20	1,788,962	1,774,749	
	CROWN CASTLE INTERNATIONAL COR 4.150% 07/01/2050 DD 04/03/20	1,654,474	1,763,676	
	CVS HEALTH CORP 4.780% 03/25/2038 DD 03/09/18	1,549,269	1,761,102	
	ORACLE CORP 3.600% 04/01/2050 DD 04/01/20	1,640,404	1,759,271	
	SHELL INTERNATIONAL FINANCE BV 5.500% 03/25/2040 DD 03/25/10	1,636,155	1,753,452	
	SHELL INTERNATIONAL FINANCE BV 6.375% 12/15/2038 DD 12/11/08	1,454,817	1,752,992	
	NVIDIA CORP 3.500% 04/01/2050 DD 03/31/20	1,441,272	1,752,915	
	PHILLIPS 66 4.650% 11/15/2034 DD 11/17/14	1,427,178	1,750,675	
	BRISTOL-MYERS SQUIBB CO 4.250% 10/26/2049 DD 04/26/20	1,385,549	1,737,718	
	AMERICAN TOWER CORP 3.700% 10/15/2049 DD 10/03/19	1,620,314	1,733,933	
	CONOCOPHILLIPS 5.900% 05/15/2038 DD 05/08/08	1,468,533	1,731,036	
	QUALCOMM INC 4.300% 05/20/2047 DD 05/26/17	1,478,358	1,727,391	
	STRYKER CORP 4.375% 05/15/2044 DD 05/01/14	1,358,871	1,724,418	
	MORGAN STANLEY VAR RT 02/13/2032 DD 11/13/20	1,710,000	1,722,227	
	GLAXOSMITHKLINE CAPITAL INC 6.375% 05/15/2038 DD 05/13/08	1,379,447	1,721,001	
	CITIGROUP INC VAR RT 04/24/2048 DD 04/25/17	1,560,720	1,720,454	
	INTERNATIONAL PAPER CO 4.800% 06/15/2044 DD 06/10/14	1,395,014	1,719,817	
	AMAZON.COM INC 2.700% 06/03/2060 DD 06/03/20	1,581,056	1,710,944	
	BERKSHIRE HATHAWAY ENERGY 144A 2.850% 05/15/2051 DD 10/29/20	1,647,971	1,697,306	
	CARRIER GLOBAL CORP 3.577% 04/05/2050 DD 10/05/20	1,441,284	1,693,077	
	INTERNATIONAL BUSINESS MACHINE 4.150% 05/15/2039 DD 05/15/19	1,523,371	1,690,244	
	BANK OF AMERICA CORP VAR RT 03/15/2050 DD 03/15/19	1,402,124	1,676,698	
	VODAFONE GROUP PLC 5.250% 05/30/2048 DD 05/30/18	1,181,935	1,675,719	
	BOEING CO/THE 5.805% 05/01/2050 DD 05/04/20	1,320,785	1,660,671	
	SUNCOR ENERGY INC 6.500% 06/15/2038 DD 06/28/07	1,505,945	1,656,405	
	BROADCOM INC 4.300% 11/15/2032 DD 05/08/20	1,522,732	1,653,759	
	BANK OF AMERICA CORP VAR RT 07/23/2030 DD 07/23/19	1,475,000	1,653,018	
	DUKE ENERGY CAROLINAS LLC 4.250% 12/15/2041 DD 12/08/11	1,281,366	1,652,015	
	NORFOLK SOUTHERN CORP 4.150% 02/28/2048 DD 02/28/18	1,250,919	1,647,774	
	3M CO 3.250% 08/26/2049 DD 08/26/19	1,409,128	1,647,571	
	MEXICO GOVERNMENT INTERNATIONA 4.750% 03/08/2044 DD 03/08/12	1,369,908	1,641,139	
	CITIGROUP INC 4.750% 05/18/2046 DD 05/18/16	1,206,909	1,629,944	
	HOME DEPOT INC/THE 3.350% 04/15/2050 DD 03/30/20	1,393,789	1,620,875	
	TEXAS HEALTH RESOURCES 3.372% 11/15/2051 DD 09/18/19	1,540,922	1,618,478	
	PRUDENTIAL FINANCIAL INC 4.600% 05/15/2044 DD 05/15/14	1,283,710	1,617,667	
	GE CAPITAL INTERNATIONAL FUNDI 4.418% 11/15/2035 DD 05/15/16	1,145,230	1,617,260	
	FOMENTO ECONOMICO MEXICANO SAB 3.500% 01/16/2050 DD 01/16/20	1,432,463	1,613,560	
	BRITISH TELECOMMUNICATIONS PLC VAR RT 12/15/2030 DD 12/12/00	1,269,644	1,612,733	
	COSTCO WHOLESALE CORP 1.750% 04/20/2032 DD 04/20/20	1,541,833	1,605,765	
	NESTLE HOLDINGS INC 144A 3.900% 09/24/2038 DD 09/24/18	1,266,317	1,604,646	
	BERKSHIRE HATHAWAY ENERGY 144A 4.250% 10/15/2050 DD 03/27/20	1,505,292	1,592,022	
	METLIFE INC 6.500% 12/15/2032 DD 12/10/02	1,138,780	1,585,530	
	ABBVIE INC 4.875% 11/14/2048 DD 09/18/18	1,274,721	1,582,390	
	UNITEDHEALTH GROUP INC 4.625% 07/15/2035 DD 07/23/15	1,179,858	1,581,200	
	REYNOLDS AMERICAN INC 5.850% 08/15/2045 DD 06/12/15	1,397,601	1,579,256	
	PUBLIC SERVICE ELECTRIC AND GA 2.700% 05/01/2050 DD 05/08/20	1,483,921	1,575,005	
	AMERICAN WATER CAPITAL CORP 3.450% 05/01/2050 DD 04/14/20	1,391,711	1,574,034	
	WILLIAMS COS INC/THE 6.300% 04/15/2040 DD 02/09/10	1,459,781	1,573,319	
	T-MOBILE USA INC 144A 4.375% 04/15/2040 DD 04/09/20	1,261,582	1,570,616	
	WALT DISNEY CO/THE 3.500% 05/13/2040 DD 05/13/20	1,363,129	1,569,279	
	NOBLE ENERGY INC 5.050% 11/15/2044 DD 11/07/14	1,088,068	1,566,269	
	CVS HEALTH CORP 2.700% 08/21/2040 DD 08/21/20	1,544,289	1,562,999	
	COMCAST CORP 7.050% 03/15/2033 DD 03/14/03	1,240,949	1,558,522	
	LELAND STANFORD JUNIOR UNIVERS 2.413% 06/01/2050 DD 06/04/20	1,515,000	1,555,400	
	TRANSCANADA PIPELINES LTD 7.250% 08/15/2038 DD 08/11/08	1,164,277	1,550,569	
	COMCAST CORP 4.600% 08/15/2045 DD 05/27/15	1,330,421	1,548,063	
	TELEFONICA EMISIONES SA 5.213% 03/08/2047 DD 03/08/17	1,231,813	1,547,145	
	PAYPAL HOLDINGS INC 3.250% 06/01/2050 DD 05/18/20	1,334,881	1,545,784	
	INTEL CORP 3.250% 11/15/2049 DD 11/21/19	1,467,672	1,545,698	
	EQUINOR ASA 3.950% 05/15/2043 DD 05/15/13	1,259,900	1,542,484	

American Electric Power System Retirement Plan

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 EIN: 13-4922641 Plan Number: 001

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	AMERICA MOVIL SAB DE CV 6.375% 03/01/2035 DD 02/25/05	\$ 913,669	\$ 1,539,441	
	ALTRIA GROUP INC 3.875% 09/16/2046 DD 09/16/16	1,357,862	1,536,902	
	TELEFONICA EMISIONES SA 4.665% 03/06/2038 DD 03/06/18	1,404,763	1,536,614	
	GOLDMAN SACHS GROUP INC/THE 4.800% 07/08/2044 DD 07/08/14	1,366,384	1,528,624	
	EQUINOR ASA 3.950% 05/15/2043 DD 05/15/13	1,424,673	1,513,197	
	NBCUNIVERSAL MEDIA LLC 4.450% 01/15/2043 DD 10/05/12	1,145,475	1,507,258	
	CLEVELAND ELECTRIC ILLUMINATIN 5.950% 12/15/2036 DD 12/11/06	1,545,083	1,504,307	
	VERIZON COMMUNICATIONS INC 4.500% 08/10/2033 DD 08/10/17	1,186,644	1,501,554	
	STARBUCKS CORP 3.350% 03/12/2050 DD 03/12/20	1,395,650	1,497,919	
	JPMORGAN CHASE & CO VAR RT 01/23/2049 DD 01/23/18	1,324,327	1,493,906	
	ABBVIE INC 4.250% 11/21/2049 DD 05/21/20	1,178,826	1,484,523	
	EXXON MOBIL CORP 4.327% 03/19/2050 DD 03/19/20	1,167,472	1,479,464	
	NIKE INC 3.250% 03/27/2040 DD 03/27/20	1,262,050	1,477,251	
	TAKEDA PHARMACEUTICAL CO LTD 3.175% 07/09/2050 DD 07/09/20	1,415,339	1,470,386	
	UNION PACIFIC CORP 3.839% 03/20/2060 DD 03/20/20	1,252,115	1,468,078	
	BANK OF AMERICA CORP VAR RT 04/24/2038 DD 04/24/17	1,190,000	1,465,985	
	GEORGIA POWER CO 4.300% 03/15/2043 DD 03/15/13	1,312,519	1,462,657	
	CONSUMERS ENERGY CO 3.100% 08/15/2050 DD 09/03/19	1,296,239	1,456,522	
	PHILIP MORRIS INTERNATIONAL IN 3.875% 08/21/2042 DD 08/21/12	1,070,510	1,454,151	
	TJX COS INC/THE 3.875% 04/15/2030 DD 04/01/20	1,208,488	1,451,903	
	ALABAMA POWER CO 4.300% 07/15/2048 DD 06/28/18	1,175,475	1,450,851	
	FEDEX CORP 4.550% 04/01/2046 DD 03/24/16	1,194,749	1,449,886	
	BANK OF AMERICA CORP VAR RT 03/15/2050 DD 03/15/19	1,264,498	1,449,727	
	MPLX LP 4.700% 04/15/2048 DD 02/08/18	1,247,476	1,446,774	
	GOLDMAN SACHS GROUP INC/THE 6.750% 10/01/2037 DD 10/03/07	961,341	1,444,471	
	MORGAN STANLEY VAR RT 01/22/2031 DD 01/22/20	1,325,000	1,442,594	
	SUNCOR ENERGY INC 5.950% 12/01/2034 DD 12/01/03	1,290,402	1,439,649	
	BALTIMORE GAS AND ELECTRIC CO 6.350% 10/01/2036 DD 04/01/07	1,156,848	1,430,707	
	WALMART INC 3.950% 06/28/2038 DD 06/27/18	1,108,386	1,428,694	
	NISOURCE INC 3.950% 03/30/2048 DD 09/14/17	1,158,747	1,424,944	
	SHELL INTERNATIONAL FINANCE BV 4.375% 05/11/2045 DD 05/11/15	1,073,704	1,423,040	
	NORTHWESTERN UNIVERSITY 2.640% 12/01/2050 DD 05/28/20	1,335,000	1,422,723	
	PECO ENERGY CO 3.700% 09/15/2047 DD 09/18/17	1,298,063	1,421,951	
	PERUVIAN GOVERNMENT INTERNATIO 2.780% 12/01/2060 DD 12/01/20	1,388,581	1,412,600	
	AT&T INC 3.500% 06/01/2041 DD 05/28/20	1,333,432	1,406,921	
	ROYALTY PHARMA PLC 144A 3.550% 09/02/2050 DD 09/02/20	1,291,228	1,406,394	
	LOCKHEED MARTIN CORP 6.150% 09/01/2036 DD 08/30/06	1,348,511	1,406,046	
	GENERAL DYNAMICS CORP 4.250% 04/01/2040 DD 03/25/20	1,194,997	1,405,847	
	AON PLC 4.600% 06/14/2044 DD 05/28/14	1,056,245	1,403,941	
	WESTERN MIDSTREAM OPERATING LP VAR RT 02/01/2050 DD 01/13/20	1,277,538	1,403,600	
	PEPSICO INC 3.625% 03/19/2050 DD 03/19/20	1,099,188	1,402,168	
	DUPONT DE NEMOURS INC 5.419% 11/15/2048 DD 11/28/18	1,289,266	1,400,846	
	MCDONALD'S CORP 6.300% 10/15/2037 DD 10/18/07	1,287,622	1,400,450	
	J M SMUCKER CO/THE 4.250% 03/15/2035 DD 09/15/15	1,135,748	1,398,085	
	GILEAD SCIENCES INC 4.500% 02/01/2045 DD 11/17/14	1,131,383	1,395,545	
	WACHOVIA CORP 5.500% 08/01/2035 DD 08/01/05	1,129,875	1,387,980	
	BECTON DICKINSON AND CO 4.669% 06/06/2047 DD 06/06/17	1,149,892	1,387,904	
	KINDER MORGAN ENERGY PARTNERS 5.400% 09/01/2044 DD 09/11/14	1,131,799	1,383,919	
	MASTERCARD INC 3.350% 03/26/2030 DD 03/26/20	1,187,691	1,383,661	
	COMCAST CORP 4.950% 10/15/2058 DD 10/05/18	1,186,869	1,381,617	
	GLAXOSMITHKLINE CAPITAL INC 6.375% 05/15/2038 DD 05/13/08	1,094,444	1,381,538	
	BP CAPITAL MARKETS PLC 3.723% 11/28/2028 DD 11/28/16	1,188,000	1,380,622	
	VIATRIS INC 144A 4.000% 06/22/2050 DD 06/22/20	1,201,867	1,380,556	
	COMCAST CORP 3.900% 03/01/2038 DD 02/08/18	1,086,475	1,379,256	
	EQUINOR ASA 2.875% 04/06/2025 DD 04/06/20	1,373,299	1,376,185	
	MASTERCARD INC 3.650% 06/01/2049 DD 05/31/19	1,177,508	1,372,775	
	METLIFE INC 4.050% 03/01/2045 DD 03/05/15	1,231,683	1,371,901	
	SUNCOR ENERGY INC 6.500% 06/15/2038 DD 06/28/07	1,006,627	1,369,854	
	VODAFONE GROUP PLC 4.250% 09/17/2050 DD 09/17/19	1,155,086	1,367,370	
	SEMPRA ENERGY 3.800% 02/01/2038 DD 01/12/18	1,234,913	1,366,794	
	CONOCOPHILLIPS CO 6.950% 04/15/2029 DD 04/20/99	1,293,201	1,366,326	
	T-MOBILE USA INC 144A 3.000% 02/15/2041 DD 10/06/20	1,283,282	1,363,287	
	DEERE & CO 3.750% 04/15/2050 DD 03/30/20	1,179,293	1,361,823	
	UNUM GROUP 4.500% 12/15/2049 DD 09/11/19	1,146,385	1,359,325	
	ABBVIE INC 4.550% 03/15/2035 DD 09/15/20	1,248,688	1,359,133	
	DUPONT DE NEMOURS INC 4.205% 11/15/2023 DD 11/28/18	1,321,487	1,356,985	
	DTE ELECTRIC CO 4.300% 07/01/2044 DD 07/02/14	1,061,671	1,355,729	
	DUKE ENERGY INDIANA LLC 3.250% 10/01/2049 DD 09/27/19	1,166,313	1,351,132	
	WALT DISNEY CO/THE 3.600% 01/13/2051 DD 05/13/20	1,260,062	1,349,708	

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*	PPL ELECTRIC UTILITIES CORP 4.125% 06/15/2044 DD 06/05/14	\$ 1,074,892	\$ 1,345,062	
	APPLE INC 4.375% 05/13/2045 DD 05/13/15	976,423	1,343,061	
	CHARTER COMMUNICATIONS OPERATI 3.700% 04/01/2051 DD 04/17/20	1,322,456	1,339,613	
	NBCUNIVERSAL MEDIA LLC 5.950% 04/01/2041 DD 04/01/11	872,559	1,336,396	
	MORGAN STANLEY 4.300% 01/27/2045 DD 01/27/15	1,158,891	1,336,110	
	BIOGEN INC 3.150% 05/01/2050 DD 04/30/20	1,262,710	1,335,566	
	AMAZON.COM INC 3.875% 08/22/2037 DD 02/22/18	1,247,027	1,334,793	
	WELLS FARGO & CO VAR RT 06/02/2028 DD 06/02/20	1,262,867	1,330,775	
	ISRAEL GOVERNMENT INTERNATIONA 4.125% 01/17/2048 DD 01/17/18	1,027,740	1,327,031	
	PEPSICO INC 3.500% 03/19/2040 DD 03/19/20	1,096,514	1,325,459	
	VERIZON COMMUNICATIONS IN 144A 2.987% 10/30/2056 DD 10/06/20	1,215,437	1,316,646	
	TEACHERS INSURANCE & ANNU 144A 4.270% 05/15/2047 DD 05/08/17	1,048,634	1,315,484	
	BARCLAYS PLC VAR RT 12/10/2024 DD 12/10/20	1,305,000	1,314,252	
	UNITED PARCEL SERVICE INC 3.750% 11/15/2047 DD 11/14/17	1,032,402	1,312,266	
	GLENORE FINANCE CANADA L 144A 6.900% 11/15/2037 DD 11/20/07	1,071,973	1,311,349	
	MCDONALD'S CORP 4.600% 05/26/2045 DD 05/26/15	1,052,460	1,310,667	
	ALCON FINANCE CORP 144A 3.800% 09/23/2049 DD 09/23/19	1,144,543	1,309,523	
	PACIFIC GAS AND ELECTRIC CO 3.500% 08/01/2050 DD 06/19/20	1,289,374	1,306,992	
	REYNOLDS AMERICAN INC 5.700% 08/15/2035 DD 06/12/15	1,090,022	1,305,557	
	STARBUCKS CORP 4.450% 08/15/2049 DD 05/13/19	983,266	1,299,363	
	CONAGRA BRANDS INC 5.400% 11/01/2048 DD 10/22/18	1,118,898	1,298,679	
	SUNCOR ENERGY INC 4.000% 11/15/2047 DD 11/15/17	1,265,325	1,298,574	
	BOEING CO/THE 5.705% 05/01/2040 DD 05/04/20	1,000,000	1,297,720	
	UNITED PARCEL SERVICE INC 5.300% 04/01/2050 DD 03/24/20	854,995	1,295,977	
	LOCKHEED MARTIN CORP 3.600% 03/01/2035 DD 02/20/15	1,080,412	1,287,312	
	PANAMA GOVERNMENT INTERNATIONA 4.300% 04/29/2053 DD 04/29/13	1,002,414	1,286,523	
	AMERICAN WATER CAPITAL CORP 3.750% 09/01/2047 DD 08/10/17	1,144,897	1,286,040	
	CVS HEALTH CORP 3.750% 04/01/2030 DD 03/31/20	1,102,536	1,285,966	
	DELL INTERNATIONAL LLC / 144A 8.350% 07/15/2046 DD 06/01/16	1,084,114	1,284,384	
	ORACLE CORP 3.600% 04/01/2040 DD 04/01/20	1,111,216	1,282,453	
	VODAFONE GROUP PLC 5.250% 05/30/2048 DD 05/30/18	912,714	1,281,514	
	CONSUMERS ENERGY CO 2.500% 05/01/2060 DD 05/13/20	1,259,192	1,276,198	
	MICROSOFT CORP 3.700% 08/08/2046 DD 08/08/16	1,234,525	1,274,330	
	INTEL CORP 3.734% 12/08/2047 DD 06/08/18	1,201,511	1,272,739	
	T-MOBILE USA INC 144A 4.500% 04/15/2050 DD 04/09/20	1,059,589	1,270,392	
	BOSTON SCIENTIFIC CORP 4.550% 03/01/2039 DD 02/25/19	1,163,475	1,256,092	
	MCDONALD'S CORP 3.625% 09/01/2049 DD 08/12/19	1,186,309	1,255,666	
	ENERGY TRANSFER OPERATING LP 6.250% 04/15/2049 DD 01/15/19	1,051,652	1,249,475	
	ENEL FINANCE INTERNATIONA 144A 4.875% 06/14/2029 DD 09/14/18	1,121,200	1,248,540	
	CHARTER COMMUNICATIONS OPERATI 3.850% 04/01/2061 DD 12/04/20	1,233,543	1,245,065	
	CISCO SYSTEMS INC 5.500% 01/15/2040 DD 11/17/09	915,959	1,242,261	
	ENTERPRISE PRODUCTS OPERATING 5.100% 02/15/2045 DD 02/12/14	1,020,959	1,239,599	
	JPMORGAN CHASE & CO VAR RT 05/13/2031 DD 05/13/20	1,130,000	1,239,147	
	TENCENT HOLDINGS LTD 144A 3.975% 04/11/2029 DD 04/11/19	1,097,610	1,230,530	
	MORGAN STANLEY 6.375% 07/24/2042 DD 07/24/12	776,315	1,228,144	
	THERMO FISHER SCIENTIFIC INC 4.100% 08/15/2047 DD 08/14/17	904,249	1,226,896	
	DEUTSCHE TELEKOM INTERNATIONAL VAR RT 06/15/2030 DD 07/06/00	1,051,237	1,226,190	
	EXELON CORP 5.100% 06/15/2045 DD 12/15/15	901,959	1,226,076	
	PHILIP MORRIS INTERNATIONAL IN 4.375% 11/15/2041 DD 11/15/11	1,204,861	1,223,236	
	ATMOS ENERGY CORP 4.125% 10/15/2044 DD 10/15/14	970,173	1,222,475	
	VISA INC 2.000% 08/15/2050 DD 08/17/20	1,266,278	1,222,464	
	BOSTON SCIENTIFIC CORP 4.550% 03/01/2039 DD 02/25/19	952,635	1,221,661	
	KEURIG DR PEPPER INC 4.985% 05/25/2038 DD 05/25/19	1,065,260	1,219,793	
	CSX CORP 4.750% 11/15/2048 DD 11/15/18	899,996	1,218,052	
	EMERA US FINANCE LP 4.750% 06/15/2046 DD 12/15/16	1,126,066	1,217,418	
	ASTRAZENECA PLC 4.000% 09/18/2042 DD 09/18/12	965,679	1,217,128	
	FOX CORP 5.476% 01/25/2039 DD 01/25/20	885,000	1,213,618	
	CHEVRON CORP 2.978% 05/11/2040 DD 05/11/20	1,095,000	1,212,242	
	PHILIPPINE GOVERNMENT INTERNAT 2.950% 05/05/2045 DD 05/05/20	1,194,170	1,205,868	
	CLECO CORPORATE HOLDINGS LLC VAR RT 05/01/2046 DD 11/01/16	1,173,163	1,205,358	
	ANTHEM INC 4.375% 12/01/2047 DD 11/21/17	934,991	1,205,140	
	FEDEX CORP 5.250% 05/15/2050 DD 04/07/20	1,174,309	1,203,966	
	DISCOVERY COMMUNICATIONS 144A 4.000% 09/15/2055 DD 09/21/20	935,249	1,202,128	
	NORTHROP GRUMMAN CORP 5.150% 05/01/2040 DD 03/23/20	1,171,850	1,195,603	
	WELLS FARGO & CO 4.400% 06/14/2046 DD 06/14/16	907,594	1,195,498	
	MORGAN STANLEY VAR RT 03/24/2051 DD 03/24/20	1,054,593	1,194,583	
	UNITEDHEALTH GROUP INC 5.800% 03/15/2036 DD 03/02/06	817,612	1,194,321	
	CONAGRA BRANDS INC 5.300% 11/01/2038 DD 10/22/18	1,165,299	1,189,841	
	DISCOVERY COMMUNICATIONS LLC 4.650% 05/15/2050 DD 05/18/20	957,436	1,188,213	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year) EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	NORTHERN NATURAL GAS CO 144A 4.100% 09/15/2042 DD 08/27/12	\$ 967,330	\$ 1,185,820	
	BRIGHTHOUSE FINANCIAL INC 4.700% 06/22/2047 DD 12/22/17	1,110,196	1,185,224	
	ONCOR ELECTRIC DELIVERY CO LLC 3.750% 04/01/2045 DD 10/01/15	1,109,105	1,184,787	
	ANHEUSER-BUSCH COS LLC / ANHEU 4.900% 02/01/2046 DD 02/01/19	950,463	1,184,510	
	TRANSCANADA PIPELINES LTD 6.200% 10/15/2037 DD 10/05/07	1,110,415	1,183,557	
	INTEL CORP 3.100% 02/15/2060 DD 02/13/20	1,067,916	1,183,532	
	AMERICAN INTERNATIONAL GROUP I 4.500% 07/16/2044 DD 07/16/14	885,032	1,180,151	
	CHARTER COMMUNICATIONS OPERATI 3.850% 04/01/2061 DD 12/04/20	1,168,619	1,179,536	
	WALT DISNEY CO/THE 4.700% 03/23/2050 DD 03/23/20	829,289	1,179,404	
	CONSOLIDATED EDISON CO OF NEW 3.350% 04/01/2030 DD 03/31/20	1,022,663	1,174,578	
	COMCAST CORP 4.700% 10/15/2048 DD 10/05/18	1,102,487	1,173,598	
	WALMART INC 3.950% 06/28/2038 DD 06/27/18	1,089,758	1,173,570	
	NOBLE ENERGY INC 5.250% 11/15/2043 DD 11/08/13	876,315	1,169,270	
	ZOETIS INC 3.950% 09/12/2047 DD 09/12/17	856,321	1,167,928	
	GENERAL ELECTRIC CO 4.350% 05/01/2050 DD 04/22/20	961,690	1,167,504	
	ABBVIE INC 4.450% 05/14/2046 DD 05/12/16	923,004	1,165,326	
	SOUTHERN POWER CO 5.150% 09/15/2041 DD 09/22/11	1,140,901	1,162,989	
	DEVON ENERGY CORP 4.750% 05/15/2042 DD 05/14/12	1,012,202	1,162,736	
	NORFOLK SOUTHERN CORP 4.150% 02/28/2048 DD 02/28/18	1,060,933	1,162,462	
	CONOCO FUNDING CO 7.250% 10/15/2031 DD 10/11/01	946,469	1,161,423	
	ENTERPRISE PRODUCTS OPERATING 4.800% 02/01/2049 DD 10/11/18	914,388	1,161,196	
	NVIDIA CORP 3.500% 04/01/2040 DD 03/31/20	963,070	1,158,888	
	TENCENT HOLDINGS LTD 144A 3.240% 06/03/2050 DD 06/03/20	1,119,362	1,157,520	
	BURLINGTON NORTHERN SANTA FE L 4.150% 04/01/2045 DD 03/09/15	882,106	1,155,890	
	UNION ELECTRIC CO 4.000% 04/01/2048 DD 04/06/18	911,038	1,153,229	
	INTERNATIONAL PAPER CO 4.350% 08/15/2048 DD 08/09/17	971,085	1,152,510	
	DUKE REALTY LP 3.050% 03/01/2050 DD 02/21/20	1,028,937	1,151,200	
	BURLINGTON NORTHERN SANTA FE L 5.400% 06/01/2041 DD 05/19/11	858,588	1,150,611	
	COMCAST CORP 4.049% 11/01/2052 DD 10/19/17	930,409	1,148,515	
	BURLINGTON NORTHERN SANTA FE L 5.150% 09/01/2043 DD 08/22/13	834,782	1,148,457	
	GENERAL ELECTRIC CO 5.875% 01/14/2038 DD 01/14/08	865,647	1,141,196	
	ALPHABET INC 2.250% 08/15/2060 DD 08/05/20	1,168,283	1,141,025	
	DOMINION ENERGY INC 6.300% 03/15/2033 DD 03/06/03	958,776	1,136,625	
	NSTAR ELECTRIC CO 4.400% 03/01/2044 DD 03/07/14	859,023	1,130,892	
	VIRGINIA ELECTRIC AND POWER CO 4.450% 02/15/2044 DD 02/07/14	1,046,633	1,130,711	
	WALMART INC 5.250% 09/01/2035 DD 08/31/05	907,448	1,128,408	
	VIACOMCBS INC 5.850% 09/01/2043 DD 08/19/13	818,510	1,123,944	
	SYNGENTA FINANCE NV 144A 5.676% 04/24/2048 DD 04/24/18	1,134,234	1,122,304	
	VODAFONE GROUP PLC 5.250% 05/30/2048 DD 05/30/18	953,072	1,121,325	
	SOUTHERN COPPER CORP 5.875% 04/23/2045 DD 04/23/15	947,363	1,120,418	
	NORTHWELL HEALTHCARE INC 6.150% 11/01/2043 DD 09/17/13	976,891	1,119,983	
	BERKSHIRE HATHAWAY ENERGY CO 5.950% 05/15/2037 DD 05/11/07	965,295	1,117,201	
	AT&T INC 144A 3.650% 09/15/2059 DD 09/18/20	1,050,165	1,109,704	
	MPLX LP 5.200% 03/01/2047 DD 02/10/17	913,121	1,108,213	
	DUKE ENERGY OHIO INC 3.700% 06/15/2046 DD 06/23/16	1,024,572	1,102,245	
	MARSH & MCLENNAN COS INC 4.750% 03/15/2039 DD 01/15/19	1,002,018	1,096,966	
	WELLS FARGO & CO VAR RT 10/30/2030 DD 10/31/19	1,002,920	1,096,445	
	COMCAST CORP 4.500% 01/15/2043 DD 01/14/13	832,648	1,093,062	
	HSBC HOLDINGS PLC 7.625% 05/17/2032 DD 05/17/05	957,684	1,090,411	
	AMERICAN FINANCIAL GROUP INC/O 4.500% 06/15/2047 DD 06/02/17	923,413	1,090,293	
	SEMPRA ENERGY 4.000% 02/01/2048 DD 01/12/18	902,684	1,090,250	
	DISCOVERY COMMUNICATIONS LLC 5.300% 05/15/2049 DD 05/21/19	889,510	1,089,816	
	BAT CAPITAL CORP 3.984% 09/25/2050 DD 09/25/20	1,035,000	1,080,064	
	SOUTHWESTERN PUBLIC SERVICE CO 4.400% 11/15/2048 DD 11/05/18	814,711	1,077,718	
	VISA INC 4.300% 12/14/2045 DD 12/14/15	786,035	1,073,876	
	COMCAST CORP 2.450% 08/15/2052 DD 08/25/20	1,033,803	1,071,366	
	KROGER CO/THE 4.650% 01/15/2048 DD 07/24/17	930,254	1,071,077	
	NATWEST GROUP PLC VAR RT 11/01/2029 DD 11/01/19	1,007,480	1,069,682	
	AIR PRODUCTS AND CHEMICALS INC 2.700% 05/15/2040 DD 04/30/20	987,248	1,066,963	
	HOME DEPOT INC/THE 4.200% 04/01/2043 DD 04/05/13	968,084	1,066,623	
	BURLINGTON NORTHERN SANTA FE L 4.050% 06/15/2048 DD 03/05/18	807,935	1,066,381	
	MEXICO GOVERNMENT INTERNATIONA 5.000% 04/27/2051 DD 04/27/20	1,037,609	1,064,475	
	INDONESIA GOVERNMENT INTERNATI 4.450% 04/15/2070 DD 04/15/20	900,370	1,064,123	
	CITIGROUP INC 8.125% 07/15/2039 DD 07/23/09	1,031,040	1,063,586	
	NATIONWIDE MUTUAL INSURAN 144A 4.350% 04/30/2050 DD 04/30/20	907,488	1,063,122	
	NORTHWESTERN MUTUAL LIFE 144A 3.850% 09/30/2047 DD 09/26/17	900,079	1,062,294	
	FORTIVE CORP 4.300% 06/15/2046 DD 06/15/17	928,889	1,062,018	
	JPMORGAN CHASE & CO VAR RT 11/19/2026 DD 11/19/20	1,050,000	1,061,865	
	NORTHROP GRUMMAN CORP 4.030% 10/15/2047 DD 10/13/17	828,124	1,061,493	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	CITIGROUP INC VAR RT 03/26/2041 DD 03/26/20	\$ 957,695	\$ 1,058,906	
	MICROSOFT CORP 2.675% 06/01/2060 DD 06/01/20	992,209	1,056,608	
	AMAZON.COM INC 4.050% 08/22/2047 DD 02/22/18	794,088	1,056,360	
	MARKEL CORP 5.000% 04/05/2046 DD 04/05/16	775,823	1,055,538	
	SHIRE ACQUISITIONS INVESTMENTS 2.875% 09/23/2023 DD 09/23/16	1,012,742	1,055,128	
	COLOMBIA GOVERNMENT INTERNATIO 5.200% 05/15/2049	891,438	1,047,173	
	BECTON DICKINSON AND CO 4.669% 06/06/2047 DD 06/06/17	983,216	1,043,883	
	AMERICAN INTERNATIONAL GROUP I 4.375% 06/30/2050 DD 05/11/20	790,977	1,040,949	
	ALIBABA GROUP HOLDING LTD 4.000% 12/06/2037 DD 12/06/17	969,805	1,037,881	
	HCA INC 5.250% 06/15/2049 DD 06/12/19	772,460	1,035,507	
	COCA-COLA CO/THE 2.750% 06/01/2060 DD 05/01/20	954,293	1,030,942	
	TENCENT HOLDINGS LTD 144A 3.925% 01/19/2038	977,716	1,028,273	
	DUKE ENERGY CAROLINAS LLC 3.950% 03/15/2048 DD 03/01/18	952,246	1,023,325	
	TRUIST FINANCIAL CORP VAR RT 02/01/2021 DD 10/26/17	1,020,000	1,020,000	
	WELLS FARGO & CO VAR RT 02/11/2031 DD 02/11/20	960,301	1,018,618	
	ISRAEL GOVERNMENT INTERNATIONA 4.125% 01/17/2048	782,874	1,017,823	
	FIFTH THIRD BANCORP 8.250% 03/01/2038 DD 03/04/08	766,436	1,017,529	
	COCA-COLA CO/THE 2.500% 06/01/2040 DD 05/01/20	954,532	1,017,218	
	PLAINS ALL AMERICAN PIPELINE L 4.900% 02/15/2045 DD 12/09/14	931,631	1,016,725	
	NUTRITION & BIOSCIENCES I 144A 3.268% 11/15/2040 DD 09/16/20	944,943	1,015,497	
	ENTERGY LOUISIANA LLC 3.050% 06/01/2031 DD 05/19/16	904,739	1,015,243	
	DUKE ENERGY CAROLINAS LLC 3.950% 03/15/2048 DD 03/01/18	924,048	1,014,557	
	MARATHON PETROLEUM CORP 4.750% 09/15/2044 DD 09/05/14	819,556	1,014,320	
	RAYTHEON TECHNOLOGIES CORP 4.200% 12/15/2044 DD 06/15/20	1,032,022	1,013,173	
	DOW CHEMICAL CO/THE 4.375% 11/15/2042 DD 11/14/12	825,143	1,011,635	
	ENBRIDGE INC 4.500% 06/10/2044 DD 06/04/14	837,043	1,011,185	
	IRAQ GOVERNMENT AID BOND 2.149% 01/18/2022 DD 01/18/17	997,663	1,010,364	
	MCDONALD'S CORP 3.625% 09/01/2049 DD 08/12/19	858,961	1,009,227	
	ONE GAS INC 4.658% 02/01/2044 DD 08/01/14	769,992	1,008,700	
	DOMINION ENERGY SOUTH CAROLINA 5.100% 06/01/2065 DD 05/22/15	851,078	1,008,582	
	ECOPETROL SA 5.875% 05/28/2045 DD 05/28/14	787,761	1,008,347	
	PHILIP MORRIS INTERNATIONAL IN 4.250% 11/10/2044 DD 11/10/14	778,168	1,007,584	
	ASTRAZENECA PLC 4.375% 11/16/2045 DD 11/16/15	891,795	1,006,838	
	ANHEUSER-BUSCH INBEV WORLDWIDE 4.375% 04/15/2038 DD 04/04/18	815,878	1,006,657	
	NESTLE HOLDINGS INC 144A 4.000% 09/24/2048 DD 09/24/18	744,860	1,004,588	
	NEWCREST FINANCE PTY LTD 144A 4.200% 05/13/2050 DD 05/13/20	850,827	1,002,311	
	JPMORGAN CHASE & CO VAR RT 04/22/2051 DD 04/22/20	900,000	1,002,078	
	UKRAINE GOVERNMENT AID BONDS 1.471% 09/29/2021 DD 09/29/16	972,725	998,900	
	PUBLIC SERVICE CO OF COLORADO 3.600% 09/15/2042 DD 09/11/12	897,164	997,436	
	AT&T INC 144A 0.000% 11/27/2022 DD 11/27/07	771,250	991,580	
	PANAMA GOVERNMENT INTERNATIONA 4.500% 04/01/2056 DD 04/01/20	798,531	991,375	
	AMERICAN INTERNATIONAL GROUP I 4.750% 04/01/2048 DD 03/26/18	735,656	987,308	
	GOLDMAN SACHS GROUP INC/THE VAR RT 10/31/2038 DD 10/31/17	808,000	986,035	
	BP CAPITAL MARKETS AMERICA INC 3.000% 02/24/2050 DD 02/24/20	911,312	983,607	
	PETROLEOS MEXICANOS 7.690% 01/23/2050 DD 07/23/20	1,028,041	983,044	
	VODAFONE GROUP PLC 7.875% 02/15/2030 DD 08/15/00	838,165	982,110	
	ELI LILLY AND CO 3.950% 03/15/2049 DD 02/22/19	896,048	981,294	
	THERMO FISHER SCIENTIFIC INC 4.497% 03/25/2030 DD 03/25/20	785,000	981,069	
	VIATRIS INC 144A 4.000% 06/22/2050 DD 06/22/20	918,595	979,565	
	EXELON CORP 4.700% 04/15/2050 DD 04/01/20	902,459	977,352	
	PETROLEOS MEXICANOS 6.950% 01/28/2060 DD 07/28/20	1,050,223	975,454	
	BECTON DICKINSON AND CO 4.685% 12/15/2044 DD 12/15/14	746,436	971,980	
	SOUTHWESTERN PUBLIC SERVICE CO 3.400% 08/15/2046 DD 08/12/16	866,064	967,561	
	PHILIP MORRIS INTERNATIONAL IN 6.375% 05/16/2038 DD 05/16/08	815,450	967,326	
	SOUTHERN CO GAS CAPITAL CORP 4.400% 05/30/2047 DD 05/09/17	944,570	966,928	
	UNITEDHEALTH GROUP INC 4.200% 01/15/2047 DD 12/20/16	724,547	964,250	
	BRISTOL-MYERS SQUIBB CO 2.550% 11/13/2050 DD 11/13/20	942,131	959,693	
	COMMONWEALTH EDISON CO 3.650% 06/15/2046 DD 06/27/16	888,720	956,920	
	DOLLAR GENERAL CORP 4.125% 04/03/2050 DD 04/03/20	831,764	955,505	
	BROOKFIELD FINANCE LLC 3.450% 04/15/2050 DD 02/21/20	888,550	952,210	
	COMCAST CORP 3.999% 11/01/2049 DD 10/19/17	772,134	950,580	
	CVS HEALTH CORP 5.125% 07/20/2045 DD 07/20/15	739,649	949,184	
	TYSON FOODS INC 5.100% 09/28/2048 DD 09/28/18	807,248	947,277	
	DOMINION ENERGY INC 5.950% 06/15/2035 DD 06/20/05	602,494	947,259	
	CHILE GOVERNMENT INTERNATIONAL 3.500% 01/25/2050 DD 06/25/19	860,285	946,696	
	MEDTRONIC INC 4.375% 03/15/2035 DD 03/15/15	695,801	945,313	
	COCA-COLA CO/THE 2.500% 03/15/2051 DD 09/18/20	909,382	942,917	
	MORGAN STANLEY 4.300% 01/27/2045 DD 01/27/15	676,310	941,958	
	CHILE GOVERNMENT INTERNATIONAL 3.500% 01/25/2050 DD 06/25/19	845,371	940,958	

American Electric Power System Retirement Plan

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	MITSUBISHI UFJ FINANCIAL GROUP VAR RT	\$ 935,000	\$ 940,573	
	T-MOBILE USA INC 144A 4.375% 04/15/2040 DD 04/09/20	784,522	939,685	
	TRANE TECHNOLOGIES LUXEMBOURG 4.500% 03/21/2049 DD 03/21/19	843,160	938,621	
	KLA CORP 3.300% 03/01/2050 DD 02/28/20	830,684	937,742	
	NORTHERN STATES POWER CO/MN 2.600% 06/01/2051 DD 06/15/20	868,344	937,481	
	BOEING CO/THE 3.500% 03/01/2039 DD 02/15/19	968,464	935,813	
	AMAZON.COM INC 2.700% 06/03/2060 DD 06/03/20	864,640	935,673	
	CHARTER COMMUNICATIONS OPERATI 5.125% 07/01/2049 DD 07/10/19	771,218	934,911	
	BOEING CO/THE 5.705% 05/01/2040 DD 05/04/20	720,000	934,358	
	AMAZON.COM INC 4.250% 08/22/2057 DD 02/22/18	649,642	933,329	
	RAYTHEON TECHNOLOGIES CORP 4.500% 06/01/2042 DD 06/01/12	738,773	931,063	
	PPL ELECTRIC UTILITIES CORP 3.950% 06/01/2047 DD 05/11/17	739,455	930,105	
	BAT CAPITAL CORP 3.734% 09/25/2040 DD 09/25/20	890,000	928,306	
	MONONGAHELA POWER CO 144A 4.100% 04/15/2024 DD 11/27/13	899,277	926,581	
	EASTERN ENERGY GAS HOLDINGS LL 4.800% 11/01/2043 DD 05/01/14	788,967	923,448	
	HOME DEPOT INC/THE 4.250% 04/01/2046 DD 06/02/15	871,954	922,001	
	EVERGY METRO INC 4.200% 03/15/2048 DD 03/01/18	844,695	920,167	
	INTERNATIONAL BUSINESS MACHINE 4.250% 05/15/2049 DD 05/15/19	807,758	919,191	
	UNITEDHEALTH GROUP INC 4.625% 11/15/2041 DD 11/10/11	717,293	918,799	
	AT&T INC 144A 3.500% 09/15/2053 DD 09/18/20	792,142	918,348	
	HOME DEPOT INC/THE 4.500% 12/06/2048 DD 12/06/18	641,912	916,675	
	AT&T INC 3.500% 02/01/2061 DD 08/04/20	919,411	916,302	
	VERIZON COMMUNICATIONS INC 4.329% 09/21/2028 DD 06/21/18	916,142	915,215	
	CONSOLIDATED EDISON CO OF NEW 3.700% 11/15/2059 DD 11/08/19	782,977	913,833	
	GILEAD SCIENCES INC 4.000% 09/01/2036 DD 09/20/16	751,691	913,029	
	GRUPO BIMBO SAB DE CV 144A 4.700% 11/10/2047 DD 11/10/17	859,924	912,782	
	AMERICAN INTERNATIONAL GROUP I 4.800% 07/10/2045 DD 07/10/15	684,901	911,925	
	CVS HEALTH CORP 4.125% 04/01/2040 DD 03/31/20	747,434	911,726	
	KINDER MORGAN ENERGY PARTNERS 5.800% 03/15/2035 DD 03/15/05	863,446	910,470	
	DOW CHEMICAL CO/THE 4.375% 11/15/2042 DD 11/14/12	774,010	908,757	
	ONEOK INC 4.500% 03/15/2050 DD 03/10/20	668,610	907,030	
	T-MOBILE USA INC 144A 3.300% 02/15/2051 DD 10/06/20	858,532	905,370	
	VISA INC 4.150% 12/14/2035 DD 12/14/15	841,271	903,354	
	AMGEN INC 3.150% 02/21/2040 DD 02/21/20	816,745	902,664	
	ANGLO AMERICAN CAPITAL PL 144A 5.625% 04/01/2030 DD 04/01/20	814,471	902,147	
	WALT DISNEY CO/THE 6.400% 12/15/2035 DD 06/15/19	778,535	895,360	
	COLOMBIA GOVERNMENT INTERNATIO 5.200% 05/15/2049	854,868	894,857	
	CVS HEALTH CORP 5.050% 03/25/2048 DD 03/09/18	805,375	894,485	
	GE CAPITAL FUNDING LLC 144A 4.550% 05/15/2032 DD 05/18/20	876,822	894,089	
	TOTAL CAPITAL INTERNATIONAL SA 3.386% 06/29/2060 DD 06/29/20	785,000	892,090	
	ENTERPRISE PRODUCTS OPERATING 5.100% 02/15/2045 DD 02/12/14	683,938	890,068	
	AMAZON.COM INC 2.500% 06/03/2050 DD 06/03/20	846,253	887,122	
	STRYKER CORP 4.100% 04/01/2043 DD 03/25/13	709,781	885,737	
	NUTRITION & BIOSCIENCES I 144A 3.468% 12/01/2050 DD 09/16/20	814,927	885,318	
	WALT DISNEY CO/THE 3.600% 01/13/2051 DD 05/13/20	729,007	883,665	
	BAKER HUGHES A GE CO LLC / BAK 4.486% 05/01/2030 DD 05/01/20	735,000	883,220	
	DUKE ENERGY INDIANA LLC 4.900% 07/15/2043 DD 07/11/13	645,065	883,172	
	TOYOTA MOTOR CREDIT CORP 0.350% 10/14/2022 DD 10/16/20	879,217	882,385	
	CSX CORP 4.500% 03/15/2049 DD 02/28/19	645,764	878,416	
	GILEAD SCIENCES INC 2.600% 10/01/2040 DD 09/30/20	866,094	878,387	
	NESTLE HOLDINGS INC 144A 4.000% 09/24/2048 DD 09/24/18	786,119	878,183	
	PROCTER & GAMBLE CO/THE 3.550% 03/25/2040 DD 03/25/20	701,496	877,401	
	AT&T INC 144A 3.500% 09/15/2053 DD 09/18/20	733,152	877,288	
	HUNTSMAN INTERNATIONAL LLC 4.500% 05/01/2029 DD 03/13/19	752,401	876,801	
	BAYER US FINANCE II LLC 144A 4.700% 07/15/2064 DD 07/15/18	716,558	874,956	
	MPLX LP 5.200% 12/01/2047 DD 12/01/19	700,328	873,565	
	PRECISION CASTPARTS CORP 4.375% 06/15/2045 DD 06/10/15	688,706	869,292	
	ALABAMA POWER CO 4.300% 07/15/2048 DD 06/28/18	788,125	869,174	
	MEMORIAL SLOAN-KETTERING CANCER 2.955% 01/01/2050 DD 06/16/20	815,000	867,225	
	WHIRLPOOL CORP 4.600% 05/15/2050 DD 05/07/20	660,332	866,940	
	HESS CORP 5.600% 02/15/2041 DD 08/10/10	749,334	866,456	
	BAT CAPITAL CORP 4.540% 08/15/2047 DD 08/15/18	877,822	866,151	
	NIKE INC 3.375% 11/01/2046 DD 10/21/16	784,924	865,145	
	PFIZER INC 2.550% 05/28/2040 DD 05/28/20	838,757	865,145	
	AT&T INC 5.150% 02/15/2050 DD 08/14/18	663,530	864,227	
	MPLX LP 5.200% 12/01/2047 DD 12/01/19	766,370	863,899	
	DUKE ENERGY FLORIDA LLC 6.350% 09/15/2037 DD 09/18/07	716,799	861,059	
	EQUITABLE HOLDINGS INC 5.000% 04/20/2048 DD 10/20/18	709,357	856,148	
	DELL INTERNATIONAL LLC / 144A 8.100% 07/15/2036 DD 06/01/16	791,565	854,793	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	KAISER FOUNDATION HOSPITALS 4.150% 05/01/2047 DD 05/03/17	\$ 808,332	\$ 853,085	
	VISA INC 2.700% 04/15/2040 DD 04/02/20	774,259	851,471	
	DEUTSCHE TELEKOM INTERNAT 144A 4.750% 06/21/2038 DD 06/21/18	669,612	849,786	
	LOWES COS INC 4.050% 05/03/2047 DD 05/03/17	633,533	846,230	
	SES GLOBAL AMERICAS HOLDI 144A 5.300% 03/25/2044 DD 03/25/14	718,296	842,303	
	ONEOK INC 4.450% 09/01/2049 DD 08/15/19	718,229	841,456	
	CHARTER COMMUNICATIONS OPERATI 3.700% 04/01/2051 DD 04/17/20	801,212	841,153	
	ROGERS COMMUNICATIONS INC 4.300% 02/15/2048 DD 02/08/18	654,039	840,588	
	MOSAIC CO/THE 5.450% 11/15/2033 DD 11/13/13	713,544	840,444	
	CITIGROUP INC VAR RT 11/04/2022 DD 11/04/19	826,595	838,184	
	VALERO ENERGY CORP 6.625% 06/15/2037 DD 06/08/07	811,447	838,020	
	NATIONAL RURAL UTILITIES COOPE 4.300% 03/15/2049 DD 01/31/19	770,591	836,803	
	LOCKHEED MARTIN CORP 3.800% 03/01/2045 DD 02/20/15	599,086	835,804	
	WILLIAMS COS INC/THE 4.900% 01/15/2045 DD 06/27/14	697,051	832,499	
	ENEL FINANCE INTERNATIONAL 144A 4.750% 05/25/2047 DD 05/25/17	668,669	832,225	
	EMERSON ELECTRIC CO 2.750% 10/15/2050 DD 04/29/20	789,036	832,012	
	BNP PARIBAS SA 5.000% 01/15/2021 DD 01/18/11	861,864	831,096	
	CONSOLIDATED EDISON CO OF NEW 5.850% 03/15/2036 DD 03/09/06	562,376	829,496	
	INTERCONTINENTAL EXCHANGE INC 3.000% 09/15/2060 DD 08/20/20	790,544	828,275	
	GENERAL ELECTRIC CO 4.125% 10/09/2042 DD 10/09/12	717,743	825,271	
	CITIGROUP INC VAR RT 01/24/2039 DD 01/24/18	768,218	822,266	
	NORTHROP GRUMMAN CORP 4.030% 10/15/2047 DD 10/13/17	745,157	821,842	
	CATERPILLAR INC 3.250% 04/09/2050 DD 04/09/20	692,227	820,844	
	CIGNA CORP 4.800% 08/15/2038 DD 08/15/19	720,405	820,789	
	NORFOLK SOUTHERN CORP 4.150% 02/28/2048 DD 02/28/18	642,039	819,440	
	NEW YORK AND PRESBYTERIAN HOSP 4.024% 08/01/2045 DD 02/05/15	646,597	818,810	
	RAYTHEON TECHNOLOGIES CORP 6.050% 06/01/2036 DD 05/26/06	693,714	818,381	
	AMERICAN WATER CAPITAL CORP 2.800% 05/01/2030 DD 04/14/20	736,973	816,871	
	HSBC HOLDINGS PLC VAR RT 06/19/2029 DD 06/19/18	678,408	816,305	
	NUTRIEN LTD 5.000% 04/01/2049 DD 04/01/19	711,048	815,952	
	VALERO ENERGY CORP 4.900% 03/15/2045 DD 03/13/15	744,472	815,815	
	RAYTHEON TECHNOLOGIES CORP 5.700% 04/15/2040 DD 02/26/10	787,340	812,392	
	ELI LILLY AND CO 4.150% 03/15/2059 DD 02/22/19	768,474	812,185	
	GREAT-WEST LIFECO FINANCE 144A 4.150% 06/03/2047 DD 05/26/17	638,964	809,476	
	AETNA INC 2.750% 11/15/2022 DD 11/07/12	812,175	808,907	
	ZOETIS INC 3.000% 05/15/2050 DD 05/12/20	722,007	804,832	
	FISERV INC 4.400% 07/01/2049 DD 06/24/19	688,297	803,688	
	APPLE INC 4.450% 05/06/2044 DD 05/06/14	581,835	802,357	
	COX COMMUNICATIONS INC 144A 8.375% 03/01/2039 DD 02/20/09	691,736	800,953	
	TRANSCANADA PIPELINES LTD 6.100% 06/01/2040 DD 06/01/10	698,901	800,372	
	ORACLE CORP 3.850% 04/01/2060 DD 04/01/20	647,498	799,318	
	VIATRIS INC 144A 3.850% 06/22/2040 DD 06/22/20	703,534	795,712	
	CIGNA CORP 3.875% 10/15/2047 DD 04/15/20	646,464	793,642	
	BOEING CO/THE 3.750% 02/01/2050 DD 07/31/19	745,646	790,796	
	TRANSCANADA PIPELINES LTD 5.100% 03/15/2049 DD 10/12/18	718,979	789,526	
	GILEAD SCIENCES INC 2.800% 10/01/2050 DD 09/30/20	790,357	788,982	
	ENTERGY LOUISIANA LLC 2.900% 03/15/2051 DD 03/06/20	763,274	788,979	
	TRANSCONTINENTAL GAS PIPE LINE 7.850% 02/01/2026 DD 08/01/16	694,486	786,486	
	ALPHABET INC 1.900% 08/15/2040 DD 08/05/20	794,968	785,168	
	DOW CHEMICAL CO/THE 4.250% 10/01/2034 DD 09/16/14	634,634	784,836	
	BANK OF AMERICA CORP 7.750% 05/14/2038 DD 05/14/08	709,288	784,305	
	ROGERS COMMUNICATIONS INC 4.350% 05/01/2049 DD 04/30/19	701,527	783,354	
	DUPONT DE NEMOURS INC 5.319% 11/15/2038 DD 11/28/18	605,403	782,849	
	SHERWIN-WILLIAMS CO/THE 4.500% 06/01/2047 DD 05/16/17	654,559	782,514	
	BANK OF NOVA SCOTIA/THE VAR RT 04/20/2021 DD 04/20/18	780,000	781,076	
	DOW CHEMICAL CO/THE 3.600% 11/15/2050 DD 08/26/20	689,857	780,867	
	QUALCOMM INC 4.650% 05/20/2035 DD 05/20/15	659,208	778,541	
	CISCO SYSTEMS INC 1.850% 09/20/2021 DD 09/20/16	751,197	777,762	
	NARRAGANSETT ELECTRIC CO/ 144A 5.638% 03/15/2040 DD 03/22/10	564,000	775,021	
	HERSHEY CO/THE 2.650% 06/01/2050 DD 06/01/20	727,598	773,406	
	CARRIER GLOBAL CORP 3.377% 04/05/2040 DD 10/05/20	629,202	767,921	
	CVS HEALTH CORP 5.125% 07/20/2045 DD 07/20/15	640,127	767,425	
	DEERE & CO 3.100% 04/15/2030 DD 03/30/20	668,734	767,070	
	PNC FINANCIAL SERVICES GROUP I 2.550% 01/22/2030 DD 01/22/20	698,040	766,892	
	AMERICAN TOWER CORP 3.125% 01/15/2027 DD 09/30/16	694,534	766,717	
	MCDONALD'S CORP 4.450% 03/01/2047 DD 03/09/17	589,032	766,611	
	ALTRIA GROUP INC 4.250% 08/09/2042 DD 08/09/12	712,056	765,529	
	TEXAS HEALTH RESOURCES 4.330% 11/15/2055 DD 05/05/15	568,907	764,626	
	SABINE PASS LIQUEFACTION 144A 4.500% 05/15/2030 DD 05/08/20	643,349	764,506	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	SHELL INTERNATIONAL FINANCE BV 1.875% 05/10/2021 DD 05/10/16	\$ 748,570	\$ 764,332	
	BAKER HUGHES HOLDINGS LLC 5.125% 09/15/2040 DD 08/24/10	682,350	764,076	
	ANHEUSER-BUSCH INBEV WORLDWIDE 4.900% 01/23/2031 DD 01/23/19	738,952	757,893	
	DUKE ENERGY FLORIDA PROJECT FI 2.538% 09/01/2031 DD 06/22/16	699,972	756,917	
	CATERPILLAR INC 3.250% 04/09/2050 DD 04/09/20	637,446	755,885	
	LOJAS AMERICANAS SA	668,113	755,730	
	ALPHABET INC 2.050% 08/15/2050 DD 08/05/20	725,568	754,000	
	KINDER MORGAN INC 5.300% 12/01/2034 DD 11/26/14	633,821	752,984	
	UNITEDHEALTH GROUP INC 6.500% 06/15/2037 DD 12/15/07	589,286	751,920	
	APPLE INC 2.500% 02/09/2022 DD 02/09/17	734,199	751,729	
	HOME DEPOT INC/THE 4.500% 12/06/2048 DD 12/06/18	696,669	751,028	
	BRISTOL-MYERS SQUIBB CO 2.750% 02/15/2023 DD 02/15/20	752,151	750,285	
	PEPSICO INC 2.875% 10/15/2049 DD 10/09/19	681,217	750,105	
	MICROSOFT CORP 3.700% 08/08/2046 DD 08/08/16	712,535	748,114	
	BP CAPITAL MARKETS PLC VAR RT 12/31/2049 DD 06/22/20	670,000	747,519	
	KROGER CO/THE 5.150% 08/01/2043 DD 07/25/13	543,174	746,590	
	VISA INC 4.300% 12/14/2045 DD 12/14/15	685,299	746,508	
	LEIDOS INC 144A 4.375% 05/15/2030 DD 05/12/20	614,851	742,419	
	GENERAL ELECTRIC CO 6.150% 08/07/2037 DD 08/07/07	651,082	741,665	
	T-MOBILE USA INC 144A 4.500% 04/15/2050 DD 04/09/20	598,446	741,267	
	QUALCOMM INC 4.800% 05/20/2045 DD 05/20/15	481,875	741,263	
	AETNA INC 4.125% 11/15/2042 DD 11/07/12	591,277	741,131	
	WALT DISNEY CO/THE 4.750% 11/15/2046 DD 11/15/19	628,140	740,448	
	PFIZER INC 4.200% 09/15/2048 DD 09/07/18	548,691	740,097	
	NEW YORK LIFE GLOBAL FUND 144A 0.950% 06/24/2025 DD 06/24/20	738,410	740,023	
	NVIDIA CORP 3.500% 04/01/2050 DD 03/31/20	608,426	739,985	
	UNITEDHEALTH GROUP INC 3.700% 08/15/2049 DD 07/25/19	632,415	739,683	
	TRUSTEES OF PRINCETON UNIVERSI 2.516% 07/01/2050 DD 06/15/20	708,135	738,967	
	TELEFONICA EMISIONES SA 5.520% 03/01/2049 DD 03/01/19	659,425	735,418	
	SOUTHERN CALIFORNIA GAS CO 4.300% 01/15/2049 DD 09/24/18	558,748	734,219	
	MASSACHUSETTS MUTUAL LIFE 144A 3.729% 10/15/2070 DD 10/11/19	625,202	733,096	
	ALABAMA POWER CO 4.300% 07/15/2048 DD 06/28/18	543,874	732,780	
	NOBLE ENERGY INC 5.250% 11/15/2043 DD 11/08/13	555,111	732,590	
	CONSOLIDATED EDISON CO OF NEW 5.700% 06/15/2040 DD 06/07/10	628,976	732,492	
	HSBC HOLDINGS PLC 6.500% 09/15/2037 DD 09/12/07	674,960	731,675	
	COMCAST CORP 3.999% 11/01/2049 DD 10/19/17	570,645	730,924	
	COMCAST CORP 2.800% 01/15/2051 DD 05/28/20	694,736	729,743	
	WELLTOWER INC 6.500% 03/15/2041 DD 03/14/11	714,573	727,038	
	PANAMA GOVERNMENT INTERNATIONA 2.252% 09/29/2032	705,000	726,150	
	AIR PRODUCTS AND CHEMICALS INC 2.800% 05/15/2050 DD 04/30/20	657,598	725,419	
	MPLX LP 5.500% 02/15/2049 DD 11/15/18	581,269	724,246	
	AMERICAN INTERNATIONAL GROUP I 4.500% 07/16/2044 DD 07/16/14	638,568	723,980	
	ENTERGY LOUISIANA LLC 0.620% 11/17/2023 DD 11/24/20	719,870	722,390	
	HCA INC 5.500% 06/15/2047 DD 06/22/17	653,238	721,283	
	HERSHEY CO/THE 3.125% 11/15/2049 DD 10/31/19	639,408	720,140	
	PHILIP MORRIS INTERNATIONAL IN 4.875% 11/15/2043 DD 11/12/13	562,876	718,819	
	CSX CORP 4.300% 03/01/2048 DD 02/20/18	534,057	717,667	
	HESS CORP 5.800% 04/01/2047 DD 09/28/16	684,634	717,617	
	TIME WARNER CABLE LLC 4.500% 09/15/2042 DD 08/10/12	564,503	715,970	
	PRUDENTIAL FINANCIAL INC 3.700% 03/13/2051 DD 09/13/19	594,986	715,871	
	WALMART INC 4.050% 06/29/2048 DD 06/27/18	519,157	713,808	
	SUTTER HEALTH 3.361% 08/15/2050 DD 10/29/20	655,000	712,994	
	ANGLO AMERICAN CAPITAL PL 144A 3.950% 09/10/2050 DD 09/10/20	640,659	712,457	
	WASTE MANAGEMENT INC 1.150% 03/15/2028 DD 11/17/20	709,553	712,031	
	PECO ENERGY CO 3.000% 09/15/2049 DD 09/10/19	639,692	711,441	
	ANHEUSER-BUSCH INBEV WORLDWIDE 5.550% 01/23/2049 DD 01/23/19	617,158	710,935	
	COX COMMUNICATIONS INC 144A 4.500% 06/30/2043 DD 05/01/13	600,691	710,747	
	AMERICAN HONDA FINANCE CORP VAR RT 02/12/2021 DD 02/15/18	710,604	710,170	
	EASTERN ENERGY GAS HOLDINGS LL 4.600% 12/15/2044 DD 12/08/14	584,174	710,020	
	BANK OF AMERICA CORP VAR RT 06/19/2041 DD 06/19/20	680,000	708,492	
	LG CORP	434,402	707,983	
	EQUINOR ASA 3.625% 04/06/2040 DD 04/06/20	584,525	706,873	
	BANK OF AMERICA CORP VAR RT 10/24/2024 DD 10/21/20	700,000	706,538	
	RIO TINTO FINANCE USA PLC 4.125% 08/21/2042 DD 08/21/12	642,687	704,965	
	CHURCH & DWIGHT CO INC 3.950% 08/01/2047 DD 07/25/17	554,100	704,605	
	UNION ELECTRIC CO 4.000% 04/01/2048 DD 04/06/18	556,580	704,541	
	VERIZON COMMUNICATIONS INC 4.862% 08/21/2046 DD 02/21/15	618,667	704,100	
	CANADIAN NATIONAL RAILWAY CO 3.650% 02/03/2048 DD 02/06/18	646,583	699,669	
	SWISS RE TREASURY US CORP 144A 4.250% 12/06/2042 DD 12/06/12	545,407	697,746	

American Electric Power System Retirement Plan

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 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	WALT DISNEY CO/THE 6.200% 12/15/2034 DD 06/15/19	\$ 595,576	\$ 697,526	
	APPLE INC 4.500% 02/23/2036 DD 02/23/16	514,570	695,996	
	CK HUTCHISON INTERNATIONAL 144A 3.375% 09/06/2049 DD 09/06/19	598,012	695,006	
	TRAVELERS COS INC/THE 6.750% 06/20/2036 DD 06/20/06	539,412	694,466	
	SOUTHERN NATURAL GAS CO L 144A 4.800% 03/15/2047 DD 03/14/17	595,305	694,281	
	HEALTHPEAK PROPERTIES INC 6.750% 02/01/2041 DD 01/24/11	599,612	690,543	
	SUNOCO LOGISTICS PARTNERS OPER 5.300% 04/01/2044 DD 04/03/14	637,952	690,523	
	SOUTHERN CALIFORNIA EDISON CO 5.550% 01/15/2037 DD 12/11/06	577,946	689,780	
	GENERAL MOTORS CO 5.950% 04/01/2049 DD 09/10/18	561,224	689,734	
	CITIGROUP INC VAR RT 10/30/2024 DD 10/30/20	685,000	689,446	
	BOEING CO/THE 3.750% 02/01/2050 DD 07/31/19	649,465	688,791	
	RAYTHEON TECHNOLOGIES CORP 4.800% 12/15/2043 DD 06/15/20	719,755	688,441	
	DUKE ENERGY CAROLINAS LLC 3.700% 12/01/2047 DD 11/14/17	569,168	688,315	
	ALTRIA GROUP INC 4.400% 02/14/2026 DD 02/14/19	681,792	685,031	
	ENERGY TRANSFER OPERATING LP 7.500% 07/01/2038 DD 03/28/08	627,820	681,941	
	PUBLIC SERVICE CO OF COLORADO 3.950% 03/15/2043 DD 03/26/13	551,243	681,063	
	COLUMBIA PIPELINE GROUP INC 5.800% 06/01/2045 DD 12/01/15	526,357	680,323	
	MORGAN STANLEY VAR RT 07/22/2028 DD 07/24/17	672,447	679,312	
	ESTEE LAUDER COS INC/THE 3.125% 12/01/2049 DD 11/21/19	579,115	679,162	
	PACIFIC LIFE INSURANCE CO 144A VAR RT 10/24/2067 DD 10/24/17	596,499	677,595	
	ALTRIA GROUP INC 4.250% 08/09/2042 DD 08/09/12	520,360	677,241	
	CONSTELLATION BRANDS INC 3.750% 05/01/2050 DD 04/27/20	571,196	677,034	
	MEXICO GOVERNMENT INTERNATIONAL 4.750% 03/08/2044	661,200	676,881	
	BARCLAYS PLC 4.950% 01/10/2047 DD 01/10/17	531,803	675,913	
	SOUTHERN CALIFORNIA EDISON CO 3.650% 02/01/2050 DD 01/09/20	626,927	675,807	
	CHARTER COMMUNICATIONS OPERATI 5.750% 04/01/2048 DD 04/17/18	641,561	673,847	
	MASSACHUSETTS INSTITUTE OF TEC 2.989% 07/01/2050 DD 12/20/19	580,135	672,609	
	CREDIT SUISSE GROUP AG 4.875% 05/15/2045 DD 11/15/15	482,323	672,298	
	REPUBLIC SERVICES INC 1.750% 02/15/2032 DD 11/24/20	669,598	671,608	
	OTIS WORLDWIDE CORP 3.112% 02/15/2040 DD 08/15/20	606,159	671,111	
	TYSON FOODS INC 5.100% 09/28/2048 DD 09/28/18	573,501	669,428	
	OTIS WORLDWIDE CORP 3.112% 02/15/2040 DD 08/15/20	617,818	667,853	
	VIRGINIA ELECTRIC AND POWER CO 3.800% 09/15/2047 DD 09/13/17	601,241	667,408	
	CHILE GOVERNMENT INTERNATIONAL 2.550% 01/27/2032 DD 01/27/20	618,661	666,500	
	GLP CAPITAL LP / GLP FINANCING 5.300% 01/15/2029 DD 09/26/18	581,889	665,246	
	TAKEDA PHARMACEUTICAL CO LTD 3.025% 07/09/2040 DD 07/09/20	673,762	663,790	
	PANAMA GOVERNMENT INTERNATIONAL 7.125% 01/29/2026 DD 11/29/05	660,656	663,655	
	ENI SPA 144A 4.250% 05/09/2029 DD 05/09/19	558,555	663,387	
	PHILLIPS 66 PARTNERS LP 4.900% 10/01/2046 DD 10/14/16	597,488	663,348	
	UNITEDHEALTH GROUP INC 3.875% 08/15/2059 DD 07/25/19	507,453	662,881	
	PFIZER INC 2.700% 05/28/2050 DD 05/28/20	630,014	660,701	
	NOBLE ENERGY INC 3.250% 10/15/2029 DD 10/01/19	647,835	660,589	
	DTE ELECTRIC CO 4.050% 05/15/2048 DD 05/07/18	581,680	657,165	
	AMERICAN INTERNATIONAL GROUP I 4.375% 01/15/2055 DD 01/15/15	590,937	655,600	
	L3HARRIS TECHNOLOGIES INC 5.054% 04/27/2045 DD 04/27/15	487,201	655,371	
	EXXON MOBIL CORP 4.327% 03/19/2050 DD 03/19/20	500,000	654,630	
	AMGEN INC 4.400% 05/01/2045 DD 05/01/15	632,517	654,570	
	PACIFICORP 3.300% 03/15/2051 DD 04/08/20	619,449	653,858	
	ABBVIE INC 4.550% 03/15/2035 DD 09/15/20	598,209	651,120	
	DUPONT DE NEMOURS INC 5.319% 11/15/2038 DD 11/28/18	585,694	650,117	
	SHELL INTERNATIONAL FINANCE BY 4.550% 08/12/2043 DD 08/12/13	548,497	649,685	
	DOW CHEMICAL CO/THE 5.550% 11/30/2048 DD 05/30/19	471,119	648,615	
	UNITEDHEALTH GROUP INC 2.750% 05/15/2040 DD 05/18/20	577,650	645,474	
	TOTAL CAPITAL INTERNATIONAL SA 3.127% 05/29/2050 DD 05/29/20	595,000	644,837	
	EXXON MOBIL CORP 3.452% 04/15/2051 DD 04/15/20	564,000	644,590	
	PRUDENTIAL FINANCIAL INC 3.905% 12/07/2047 DD 12/07/17	575,580	643,899	
	NATIONAL BANK OF CANADA VAR RT 08/15/2023 DD 07/13/20	639,616	643,846	
	ENERGY TRANSFER OPERATING LP 6.000% 06/15/2048 DD 06/08/18	606,105	642,190	
	ONEOK INC 7.150% 01/15/2051 DD 05/07/20	494,236	642,188	
	BAKER HUGHES A GE CO LLC / BAK 4.080% 12/15/2047 DD 12/11/17	562,263	641,800	
	GILEAD SCIENCES INC 4.800% 04/01/2044 DD 03/07/14	690,039	640,030	
	APPLE INC 3.750% 11/13/2047 DD 11/13/17	502,843	639,510	
	BRISTOL-MYERS SQUIBB CO 4.350% 11/15/2047 DD 05/15/20	569,971	638,421	
	JOHNSON CONTROLS INTERNATIONAL VAR RT 07/02/2044 DD 07/02/16	534,903	638,227	
	NORFOLK SOUTHERN CORP 4.100% 05/15/2049 DD 05/08/19	569,792	637,639	
	PACIFIC GAS AND ELECTRIC CO 3.950% 12/01/2047 DD 11/29/17	639,773	637,343	
	VERIZON COMMUNICATIONS INC 1.750% 01/20/2031 DD 11/20/20	637,088	636,800	
	SOUTHERN CALIFORNIA GAS CO 4.125% 06/01/2048 DD 05/15/18	591,284	636,330	
	BECTON DICKINSON AND CO 3.794% 05/20/2050 DD 05/20/20	535,000	635,505	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	VODAFONE GROUP PLC 5.000% 05/30/2038 DD 05/30/18	\$ 555,068	\$ 634,593	
	GRUPO BIMBO SAB DE CV 144A 4.000% 09/06/2049 DD 09/06/19	551,597	633,556	
	RAYTHEON TECHNOLOGIES CORP 6.700% 08/01/2028 DD 08/04/98	622,282	633,144	
	GOLDMAN SACHS GROUP INC/THE VAR RT 11/17/2023 DD 11/19/20	630,000	632,552	
	AT&T INC 4.500% 05/15/2035 DD 05/04/15	551,546	632,202	
	RAYTHEON TECHNOLOGIES CORP 4.125% 11/16/2028 DD 08/16/18	634,790	631,845	
	SIMON PROPERTY GROUP LP 3.250% 09/13/2049 DD 09/13/19	612,094	629,858	
	ANHEUSER-BUSCH COS LLC / ANHEU 4.700% 02/01/2036 DD 02/01/19	477,131	628,794	
	ABBVIE INC 3.200% 11/06/2022 DD 05/14/15	631,302	628,188	
	NATIONAL AUSTRALIA BANK LTD/NE 3.700% 11/04/2021 DD 12/04/18	632,643	627,391	
	T-MOBILE USA INC 144A 3.600% 11/15/2060 DD 10/28/20	588,496	626,250	
	SIMON PROPERTY GROUP LP 3.250% 09/13/2049 DD 09/13/19	607,566	624,738	
	PHILIPPINE GOVERNMENT INTERNAT 2.950% 05/05/2045	620,238	621,364	
	SUNCOR ENERGY INC 4.000% 11/15/2047 DD 11/15/17	538,361	621,300	
	JPMORGAN CHASE & CO VAR RT 06/01/2028 DD 05/27/20	591,646	620,966	
	TIME WARNER CABLE LLC 7.300% 07/01/2038 DD 06/19/08	482,978	619,451	
	DTE ENERGY CO VAR RT 10/01/2024 DD 07/01/19	579,809	617,978	
	ZOETIS INC 4.450% 08/20/2048 DD 08/20/18	507,030	617,559	
	CONSTELLATION BRANDS INC 4.500% 05/09/2047 DD 05/09/17	462,961	617,182	
	CITIBANK NA VAR RT 02/19/2022 DD 02/19/19	615,000	617,146	
	PPL ELECTRIC UTILITIES CORP 4.150% 06/15/2048 DD 06/14/18	476,313	616,918	
	CISCO SYSTEMS INC 2.200% 02/28/2021 DD 02/29/16	619,071	616,913	
	CHUBB CORP/THE 6.000% 05/11/2037 DD 05/11/07	446,329	616,641	
	SUTTER HEALTH 3.161% 08/15/2040 DD 10/29/20	580,000	616,006	
	SOUTHERN CALIFORNIA EDISON CO 5.950% 02/01/2038 DD 01/22/08	567,971	612,720	
	WELLS FARGO & CO 5.606% 01/15/2044 DD 11/26/13	494,139	612,274	
	PHILIP MORRIS INTERNATIONAL IN 4.875% 11/15/2043 DD 11/12/13	547,579	611,532	
	UNITED PARCEL SERVICE INC 5.200% 04/01/2040 DD 03/24/20	427,932	610,781	
	BOEING CO/THE 3.825% 03/01/2059 DD 02/15/19	638,664	609,486	
	CHARTER COMMUNICATIONS OPERATI 4.800% 03/01/2050 DD 10/24/19	531,982	609,144	
	JOHNSON CONTROLS INTERNATIONAL STEP 07/02/2064 DD 07/02/2016	482,956	608,142	
	BERKSHIRE HATHAWAY ENERGY CO 6.125% 04/01/2036 DD 10/01/06	478,355	606,833	
	HSBC HOLDINGS PLC VAR RT 05/22/2030 DD 05/22/19	556,967	606,244	
	GENERAL MOTORS CO 5.400% 10/02/2023 DD 05/12/20	539,438	604,660	
	WILLIAMS COS INC/THE 4.900% 01/15/2045 DD 06/27/14	553,321	604,595	
	INTEL CORP 3.250% 11/15/2049 DD 11/21/19	539,692	604,400	
	NUTRITION & BIOSCIENCES I 144A 3.468% 12/01/2050 DD 09/16/20	554,950	602,885	
	PROVIDENCE ST JOSEPH HEALTH OB 3.930% 10/01/2048 DD 02/06/18	498,000	601,450	
	GENERAL MOTORS CO 5.150% 04/01/2038 DD 08/07/17	521,247	601,175	
	TECK RESOURCES LTD 5.400% 02/01/2043 DD 08/08/12	480,365	600,763	
	MEAD JOHNSON NUTRITION CO 4.600% 06/01/2044 DD 05/13/14	491,031	599,627	
	DEERE & CO 3.900% 06/09/2042 DD 06/08/12	434,877	597,361	
	EXXON MOBIL CORP 3.095% 08/16/2049 DD 08/16/19	576,142	596,233	
	FOMENTO ECONOMICO MEXICANO SAB 2.875% 05/10/2023 DD 05/10/13	564,032	595,650	
	COMMONWEALTH EDISON CO 3.700% 03/01/2045 DD 03/02/15	566,274	595,148	
	BAT CAPITAL CORP 3.984% 09/25/2050 DD 09/25/20	570,000	594,818	
	BANK OF AMERICA CORP VAR RT 10/24/2031 DD 10/21/20	585,000	592,734	
	TOYOTA MOTOR CREDIT CORP 1.150% 05/26/2022 DD 05/26/20	584,801	592,669	
	NEW YORK LIFE INSURANCE C 144A 3.750% 05/15/2050 DD 04/14/20	491,976	592,134	
	HESS CORP 5.600% 02/15/2041 DD 08/10/10	491,773	591,875	
	COCA-COLA CO/THE 2.600% 06/01/2050 DD 05/01/20	559,642	590,918	
	NORTHROP GRUMMAN CORP 4.030% 10/15/2047 DD 10/13/17	538,356	589,718	
	KINDER MORGAN ENERGY PARTNERS 6.950% 01/15/2038 DD 06/21/07	555,870	588,373	
	ABBVIE INC 4.750% 03/15/2045 DD 09/15/20	530,542	588,114	
	DUKE ENERGY INDIANA LLC 2.750% 04/01/2050 DD 03/12/20	564,305	587,498	
	SOUTHERN CALIFORNIA EDISON CO 3.650% 02/01/2050 DD 01/09/20	545,233	587,214	
	BALTIMORE GAS AND ELECTRIC CO 2.900% 06/15/2050 DD 06/05/20	539,703	586,796	
	HSBC HOLDINGS PLC 6.500% 05/02/2036 DD 05/03/06	556,754	586,557	
	NORFOLK SOUTHERN CORP 3.155% 05/15/2055 DD 05/15/20	522,375	584,460	
	BAE SYSTEMS PLC 144A 3.000% 09/15/2050 DD 09/15/20	551,807	584,315	
	JPMORGAN CHASE & CO VAR RT 07/23/2024 DD 07/23/18	573,349	580,347	
	VERIZON COMMUNICATIONS INC 4.522% 09/15/2048 DD 03/13/15	584,054	580,316	
	REGIONS FINANCIAL CORP 7.375% 12/10/2037 DD 12/10/07	462,274	579,846	
	BAT CAPITAL CORP 3.215% 09/06/2026 DD 09/06/19	567,856	578,219	
	BANK OF NOVA SCOTIA/THE 2.800% 07/21/2021 DD 07/21/14	583,538	577,855	
	HALLIBURTON CO 4.850% 11/15/2035 DD 11/13/15	511,770	577,680	
	PERUVIAN GOVERNMENT INTERNATIO 2.392% 01/23/2026 DD 04/23/20	568,620	575,915	
	XYLEM INC/NY 4.375% 11/01/2046 DD 10/11/16	464,637	574,913	
	ALIMENTATION COUCHE-TARD 144A 3.800% 01/25/2050 DD 01/27/20	487,158	574,604	

American Electric Power System Retirement Plan

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 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	CREDIT SUISSE AG/NEW YORK NY 2.100% 11/12/2021 DD 11/12/19	\$ 564,932	\$ 573,724	
	SAN DIEGO GAS & ELECTRIC CO 4.100% 06/15/2049 DD 05/31/19	459,517	573,675	
	ITC HOLDINGS CORP 5.300% 07/01/2043 DD 07/03/13	425,856	570,387	
	BRISTOL-MYERS SQUIBB CO 2.350% 11/13/2040 DD 11/13/20	552,309	569,363	
	MASSACHUSETTS MUTUAL LIFE 144A 3.375% 04/15/2050 DD 04/16/20	551,569	568,053	
	VIACOMCBS INC 4.375% 03/15/2043 DD 03/15/13	466,147	567,106	
	EVERSOURCE ENERGY 2.800% 05/01/2023 DD 05/13/13	548,937	566,590	
	MEDTRONIC INC 4.375% 03/15/2035 DD 03/15/15	505,830	565,572	
	GUARDIAN LIFE GLOBAL FUND 144A 1.250% 11/19/2027 DD 11/19/20	562,780	565,079	
	AMERICAN INTERNATIONAL GROUP I 4.750% 04/01/2048 DD 03/26/18	420,517	564,367	
	MPLX LP 4.500% 04/15/2038 DD 02/08/18	487,138	563,903	
	NORTHERN STATES POWER CO/MN 2.900% 03/01/2050 DD 09/10/19	486,365	563,790	
	MASSACHUSETTS ELECTRIC CO 144A 4.004% 08/15/2046 DD 08/05/16	465,000	562,971	
	DELTA AIR LINES INC / SKY 144A 4.500% 10/20/2025 DD 09/23/20	528,785	561,152	
	VODAFONE GROUP PLC 4.375% 02/19/2043 DD 02/19/13	472,291	558,882	
	BECTON DICKINSON AND CO 3.794% 05/20/2050 DD 05/20/20	470,000	558,294	
	EQUINOR ASA 4.250% 11/23/2041 DD 11/23/11	531,537	557,941	
	AMEREN ILLINOIS CO 3.700% 12/01/2047 DD 11/28/17	541,860	557,862	
	UNION PACIFIC CORP 3.799% 10/01/2051 DD 10/04/16	485,926	556,802	
	VOLKSWAGEN AG	502,364	556,124	
	METLIFE INC VAR RT 12/15/2044 DD 09/15/14	437,481	555,745	
	KROGER CO/THE 3.875% 10/15/2046 DD 10/03/16	421,704	555,381	
	STARBUCKS CORP 4.500% 11/15/2048 DD 08/10/18	493,250	554,846	
	IHS MARKIT LTD 4.750% 08/01/2028 DD 07/23/18	506,945	554,189	
	JPMORGAN CHASE & CO VAR RT 04/22/2041 DD 04/22/20	504,887	553,296	
	PEPSICO INC 2.000% 04/15/2021 DD 10/10/17	544,401	551,986	
	UNITEDHEALTH GROUP INC 4.250% 04/15/2047 DD 03/13/17	414,212	551,253	
	ALPHABET INC 2.250% 08/15/2060 DD 08/05/20	564,340	551,173	
	GEORGIA POWER CO 4.300% 03/15/2043 DD 03/15/13	416,019	550,871	
	ENTERGY LOUISIANA LLC 4.200% 04/01/2050 DD 03/12/19	423,981	550,779	
	BANK OF AMERICA CORP VAR RT 07/23/2031 DD 07/23/20	545,000	550,635	
	COOPERATIEVE RABOBANK UA 144A VAR RT 09/24/2026 DD 09/24/20	545,000	548,891	
	BANK OF AMERICA CORP VAR RT 02/13/2031 DD 02/13/20	536,678	546,966	
	COLOMBIA GOVERNMENT INTERNATIO 5.200% 05/15/2049 DD 01/28/19	428,732	545,799	
	TELEFONICA EMISIONES SA 5.213% 03/08/2047 DD 03/08/17	502,945	544,769	
	CHARTER COMMUNICATIONS OPERATI 4.800% 03/01/2050 DD 10/24/19	453,428	544,646	
	NATIONAL RURAL UTILITIES COOPE 4.400% 11/01/2048 DD 10/31/18	406,975	544,440	
	ANHEUSER-BUSCH INBEV WORLDWIDE 8.200% 01/15/2039 DD 01/15/11	403,430	544,213	
	AETNA INC 3.875% 08/15/2047 DD 08/10/17	402,557	543,858	
	EXXON MOBIL CORP 3.452% 04/15/2051 DD 04/15/20	475,000	542,873	
	NISOURCE INC 4.375% 05/15/2047 DD 05/22/17	417,153	541,739	
	NATIONAL BANK OF CANADA VAR RT 11/15/2024 DD 12/10/20	539,233	541,517	
	HONEYWELL INTERNATIONAL INC 1.850% 11/01/2021 DD 10/31/16	526,387	541,334	
	NATIONWIDE MUTUAL INSURAN 144A 4.950% 04/22/2044 DD 04/22/14	533,495	540,654	
	CATERPILLAR INC 4.750% 05/15/2064 DD 05/08/14	470,644	540,364	
	PNC BANK NA VAR RT 01/22/2021 DD 01/22/18	540,000	540,070	
	QUALCOMM INC 4.800% 05/20/2045 DD 05/20/15	483,000	539,230	
	ENTERPRISE PRODUCTS OPERATING 7.550% 04/15/2038 DD 10/15/09	403,589	538,763	
	PARKER-HANNIFIN CORP 4.000% 06/14/2049 DD 06/14/19	423,567	538,162	
	PUBLIC SERVICE ENTERPRISE GROU 2.650% 11/15/2022 DD 11/06/17	514,346	536,764	
	PORSCHE AUTOMOBIL HOLDING SE	513,470	535,711	
	TOTAL CAPITAL INTERNATIONAL SA 3.461% 07/12/2049 DD 07/10/19	460,000	535,159	
	ERAC USA FINANCE LLC 144A 7.000% 10/15/2037 DD 10/17/07	492,398	535,078	
	UNION PACIFIC CORP 144A 2.973% 09/16/2062 DD 09/16/20	508,401	534,779	
	MICROSOFT CORP 2.675% 06/01/2060 DD 06/01/20	485,161	534,264	
	SHERWIN-WILLIAMS CO/THE 4.550% 08/01/2045 DD 07/31/15	516,335	533,240	
	NIAGARA MOHAWK POWER CORP 144A 4.278% 10/01/2034 DD 09/25/14	426,996	532,379	
	ANGLOGOLD ASHANTI HOLDINGS PLC 3.750% 10/01/2030 DD 10/01/20	493,406	532,066	
	ANHEUSER-BUSCH INBEV WORLDWIDE 4.950% 01/15/2042 DD 07/15/16	440,571	532,061	
	WILLIS NORTH AMERICA INC 5.050% 09/15/2048 DD 09/10/18	447,193	531,687	
	GOLDMAN SACHS GROUP INC/THE VAR RT 12/09/2026 DD 12/09/20	525,000	530,770	
	TIME WARNER CABLE LLC 5.500% 09/01/2041 DD 09/12/11	426,315	530,643	
	ABBVIE INC 4.625% 10/01/2042 DD 10/01/20	482,919	526,955	
	MEDTRONIC INC 4.625% 03/15/2045 DD 03/15/15	534,073	524,945	
	BANK OF AMERICA NA 6.000% 10/15/2036 DD 10/26/06	337,134	523,495	
	MEXICO GOVERNMENT INTERNATIONA 5.000% 04/27/2051 DD 04/27/20	388,920	522,900	
	AMERICAN WATER CAPITAL CORP 3.450% 05/01/2050 DD 04/14/20	461,240	522,698	
	SOUTHERN CALIFORNIA EDISON CO 5.625% 02/01/2036 DD 01/31/06	393,935	521,397	
	AMERICAN TOWER CORP 3.100% 06/15/2050 DD 06/03/20	514,959	520,165	

American Electric Power System Retirement Plan

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	CONSOLIDATED EDISON CO OF NEW 4.125% 05/15/2049 DD 05/09/19	\$ 487,317	\$ 519,086	
	WILLIS NORTH AMERICA INC 3.875% 09/15/2049 DD 09/10/19	467,393	518,207	
	ENERGY TRANSFER OPERATING LP 6.125% 12/15/2045 DD 06/23/15	484,597	517,409	
	REGIONS BANK/BIRMINGHAM AL 6.450% 06/26/2037 DD 06/26/07	488,560	516,176	
	NISOURCE INC 4.375% 05/15/2047 DD 05/22/17	514,775	513,828	
	ALTRIA GROUP INC 4.450% 05/06/2050 DD 05/06/20	426,551	508,359	
	MOLSON COORS BEVERAGE CO 4.200% 07/15/2046 DD 07/07/16	490,711	508,325	
	MARSH & MCLENNAN COS INC 4.900% 03/15/2049 DD 01/15/19	442,405	507,357	
	VF CORP 2.050% 04/23/2022 DD 04/23/20	494,911	505,633	
	CITIGROUP INC 4.650% 07/23/2048 DD 07/23/18	446,022	505,237	
	ROYALTY PHARMA PLC 144A 3.300% 09/02/2040 DD 09/02/20	460,696	499,444	
	DOW CHEMICAL CO/THE 4.800% 05/15/2049 DD 11/15/19	409,106	498,353	
	TRANSCANADA PIPELINES LTD 4.875% 05/15/2048 DD 05/07/18	387,168	497,847	
	OTIS WORLDWIDE CORP 3.362% 02/15/2050 DD 08/15/20	432,955	497,424	
	ROYALTY PHARMA PLC 144A 0.750% 09/02/2023 DD 09/02/20	491,644	497,366	
	NEW YORK LIFE INSURANCE C 144A 4.450% 05/15/2069 DD 04/04/19	446,825	497,173	
	PNC BANK NA VAR RT 12/09/2022 DD 12/09/19	495,000	496,361	
	STEEL DYNAMICS INC 3.250% 10/15/2050 DD 10/09/20	457,582	496,100	
	ENBRIDGE INC 4.500% 06/10/2044 DD 06/04/14	424,794	494,487	
	CARRIER GLOBAL CORP 3.377% 04/05/2040 DD 10/05/20	459,327	493,664	
	MITSUBISHI UFJ FINANCIAL GROUP 4.153% 03/07/2039 DD 03/07/19	390,000	493,069	
	MEXICO GOVERNMENT INTERNATIONA 4.600% 01/23/2046 DD 01/23/15	404,067	490,350	
	CANADIAN NATURAL RESOURCES LTD 6.250% 03/15/2038 DD 03/19/07	432,718	490,140	
	SUNCOR ENERGY INC 7.150% 02/01/2032 DD 01/29/02	384,697	489,548	
	PUGET SOUND ENERGY INC 3.250% 09/15/2049 DD 08/30/19	443,498	488,787	
	MARKEL CORP 4.300% 11/01/2047 DD 11/02/17	385,309	487,194	
	PFIZER INC 4.300% 06/15/2043 DD 06/03/13	444,862	485,677	
	SOUTHERN CALIFORNIA EDISON CO 4.000% 04/01/2047 DD 03/24/17	411,934	485,110	
	BURLINGTON NORTHERN SANTA FE L 5.050% 03/01/2041 DD 09/10/10	382,477	484,938	
	PFIZER INC 4.400% 05/15/2044 DD 05/15/14	399,489	484,266	
	NATIONWIDE FINANCIAL SERV 144A 5.300% 11/18/2044 DD 11/20/14	444,660	483,192	
	AETNA INC 4.125% 11/15/2042 DD 11/07/12	415,032	482,625	
	BANK OF AMERICA CORP 5.000% 01/21/2044 DD 01/21/14	377,228	481,469	
	MASSACHUSETTS MUTUAL LIFE 144A 3.375% 04/15/2050 DD 04/16/20	438,187	480,660	
	XCEL ENERGY INC 4.800% 09/15/2041 DD 09/12/11	385,701	479,652	
	QUANTA SERVICES INC 2.900% 10/01/2030 DD 09/22/20	443,500	477,111	
	AETNA INC 3.875% 08/15/2047 DD 08/10/17	398,440	477,068	
	COX COMMUNICATIONS INC 144A 4.800% 02/01/2035 DD 12/08/14	415,568	475,512	
	UNITEDHEALTH GROUP INC 3.500% 08/15/2039 DD 07/25/19	395,074	474,658	
	PECO ENERGY CO 3.000% 09/15/2049 DD 09/10/19	423,326	474,294	
	SEMPRA ENERGY 3.800% 02/01/2038 DD 01/12/18	397,020	472,586	
	CSX CORP 3.350% 09/15/2049 DD 09/12/19	410,198	472,133	
	HONEYWELL INTERNATIONAL INC VAR RT 08/08/2022 DD 08/08/19	470,000	472,068	
	NOVARTIS CAPITAL CORP 2.750% 08/14/2050 DD 02/14/20	420,162	471,224	
	EVERGY METRO INC 4.200% 03/15/2048 DD 03/01/18	361,685	469,156	
	PEPSICO INC 3.875% 03/19/2060 DD 03/19/20	344,467	468,920	
	COCA-COLA CO/THE 2.500% 06/01/2040 DD 05/01/20	439,784	468,666	
	WELLS FARGO & CO VAR RT 04/04/2051 DD 03/30/20	329,000	467,581	
	KRAFT HEINZ FOODS CO 5.000% 07/15/2035 DD 07/15/16	401,777	466,712	
	BRISTOL-MYERS SQUIBB CO 4.550% 02/20/2048 DD 02/20/20	413,596	465,890	
	BANK OF AMERICA CORP VAR RT 01/20/2028 DD 01/20/17	461,214	465,179	
	KRAFT HEINZ FOODS CO 6.500% 02/09/2040 DD 08/09/12	430,334	464,988	
	SOUTHERN CALIFORNIA EDISON CO 4.875% 03/01/2049 DD 03/15/19	351,458	464,520	
	AMEREN CORP 2.500% 09/15/2024 DD 09/16/19	435,026	463,640	
	NORTHERN NATURAL GAS CO 144A 4.300% 01/15/2049 DD 07/17/18	439,831	461,787	
	WASTE MANAGEMENT INC 4.150% 07/15/2049 DD 05/22/19	345,557	461,118	
	HONEYWELL INTERNATIONAL INC 0.483% 08/19/2022 DD 08/19/20	460,000	460,736	
	ONEOK INC 2.200% 09/15/2025 DD 03/10/20	444,653	459,854	
	TRANSCANADA PIPELINES LTD 4.875% 05/15/2048 DD 05/07/18	352,007	459,054	
	UNITEDHEALTH GROUP INC 3.125% 05/15/2060 DD 05/18/20	384,513	458,536	
	BANNER HEALTH 2.338% 01/01/2030 DD 05/14/20	430,000	458,337	
	NORFOLK SOUTHERN CORP 3.050% 05/15/2050 DD 05/11/20	419,013	457,586	
	ONEOK PARTNERS LP 6.850% 10/15/2037 DD 09/28/07	410,881	457,549	
	MIDMICHIGAN HEALTH 3.409% 06/01/2050 DD 10/28/20	410,000	457,146	
	ENERGY TRANSFER OPERATING LP 6.625% 10/15/2036 DD 10/23/06	449,299	455,524	
	PANAMA GOVERNMENT INTERNATIONA 4.500% 04/16/2050	450,850	455,291	
	BAYER US FINANCE II LLC 144A 3.950% 04/15/2045 DD 04/15/18	380,736	453,916	
	PHILLIPS 66 PARTNERS LP 4.900% 10/01/2046 DD 10/14/16	431,695	453,811	
	LEIDOS INC 144A 2.300% 02/15/2031 DD 10/08/20	442,880	453,099	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	MEDTRONIC INC 4.625% 03/15/2045 DD 03/15/15	\$ 345,923	\$ 452,588	
	US BANK NA/CINCINNATI OH 1.800% 01/21/2022 DD 01/21/20	444,844	451,822	
	CENTERPOINT ENERGY INC 3.600% 11/01/2021 DD 10/05/18	439,872	451,730	
	MARTIN MARIETTA MATERIALS INC 4.250% 12/15/2047 DD 12/20/17	374,801	449,350	
	3M CO 3.050% 04/15/2030 DD 03/27/20	393,740	449,060	
	HCA INC 5.125% 06/15/2039 DD 06/12/19	384,468	447,857	
	PPL ELECTRIC UTILITIES CORP 3.000% 10/01/2049 DD 09/06/19	447,388	447,642	
	T-MOBILE USA INC 144A 3.300% 02/15/2051 DD 10/06/20	434,100	447,541	
	XCEL ENERGY INC 3.500% 12/01/2049 DD 11/07/19	378,748	444,228	
	NEW YORK LIFE INSURANCE C 144A 3.750% 05/15/2050 DD 04/14/20	368,733	443,801	
	GEORGE WASHINGTON UNIVERSITY/T 4.868% 09/15/2045 DD 07/01/15	401,449	443,650	
	NORTHERN STATES POWER CO/MN 3.600% 09/15/2047 DD 09/13/17	390,358	443,581	
	ALTRIA GROUP INC 4.450% 05/06/2050 DD 05/06/20	410,526	442,154	
	MORGAN STANLEY VAR RT 01/20/2023 DD 01/22/20	440,000	441,412	
	HEALTH CARE SERVICE CORP 144A 1.500% 06/01/2025 DD 06/01/20	439,985	441,356	
	WYETH LLC 6.500% 02/01/2034 DD 12/16/03	371,405	441,059	
	PHILIP MORRIS INTERNATIONAL IN 4.250% 11/10/2044 DD 11/10/14	373,382	440,818	
	ORACLE CORP 4.125% 05/15/2045 DD 05/05/15	363,623	440,681	
	GOLDMAN SACHS GROUP INC/THE 5.150% 05/22/2045 DD 05/22/15	312,963	438,978	
	COOPERATIVE RABOBANK UA/NY VAR RT 04/26/2021 DD 04/26/18	435,000	435,526	
	EOG RESOURCES INC 4.950% 04/15/2050 DD 04/14/20	318,118	433,744	
	MPLX LP 5.500% 02/15/2049 DD 11/15/18	322,522	433,230	
	DEUTSCHE BANK AG/NEW YORK NY VAR RT 09/18/2024 DD 09/18/20	420,000	432,071	
	RAYTHEON TECHNOLOGIES CORP 2.800% 03/15/2022 DD 09/15/20	437,682	431,945	
	CHARTER COMMUNICATIONS OPERATI 6.484% 10/23/2045 DD 10/23/16	356,609	431,410	
	BANK OF MONTREAL 1.900% 08/27/2021 DD 08/29/16	415,081	429,705	
	BANK OF AMERICA CORP VAR RT 12/20/2028 DD 12/20/17	409,413	429,225	
	BERKSHIRE HATHAWAY FINANCE COR 2.850% 10/15/2050 DD 10/15/20	399,680	428,388	
	KINDER MORGAN INC 5.050% 02/15/2046 DD 02/26/15	387,133	427,273	
	COMCAST CORP 2.450% 08/15/2052 DD 08/25/20	436,524	426,994	
	WELLS FARGO & CO 3.550% 09/29/2025 DD 09/28/15	428,005	426,869	
	BHP BILLITON FINANCE USA LTD 5.000% 09/30/2043 DD 09/30/13	381,479	426,570	
	GLOBAL PAYMENTS INC 4.150% 08/15/2049 DD 08/14/19	425,555	425,416	
	FOX CORP 5.476% 01/25/2039 DD 01/25/20	385,725	425,109	
	HUMANA INC 4.950% 10/01/2044 DD 09/19/14	369,957	424,544	
	GILEAD SCIENCES INC 2.600% 10/01/2040 DD 09/30/20	418,114	424,049	
	BRISTOL-MYERS SQUIBB CO 0.750% 11/13/2025 DD 11/13/20	419,320	422,881	
	DIAGEO CAPITAL PLC 2.125% 04/29/2032 DD 04/29/20	399,004	422,548	
	JPMORGAN CHASE & CO VAR RT 04/22/2026 DD 04/22/20	413,114	422,452	
	GOODMAN US FINANCE FOUR L 144A 4.500% 10/15/2037 DD 09/27/17	361,421	421,621	
	WASTE MANAGEMENT INC 4.150% 07/15/2049 DD 05/22/19	369,993	419,804	
	ASTRAZENCA PLC 6.450% 09/15/2037 DD 09/12/07	344,178	419,797	
	EAST OHIO GAS CO/THE 144A 3.000% 06/15/2050 DD 06/16/20	379,518	419,669	
	DOW CHEMICAL CO/THE 4.800% 05/15/2049 DD 11/15/19	306,670	418,671	
	JPMORGAN CHASE & CO 5.400% 01/06/2042 DD 12/22/11	306,275	416,788	
	LYB INTERNATIONAL FINANCE III 3.375% 10/01/2040 DD 10/08/20	394,092	416,626	
	AT&T INC 144A 3.800% 12/01/2057 DD 12/07/20	426,803	415,886	
	VODAFONE GROUP PLC 4.250% 09/17/2050 DD 09/17/19	357,639	414,918	
	COCA-COLA FEMSA SAB DE CV 2.750% 01/22/2030 DD 01/22/20	381,042	414,083	
	RPM INTERNATIONAL INC 4.550% 03/01/2029 DD 02/27/19	395,229	413,557	
	GILEAD SCIENCES INC 4.150% 03/01/2047 DD 09/20/16	344,219	412,887	
	CONSOLIDATED EDISON CO OF NEW 3.000% 12/01/2060 DD 11/13/20	402,562	412,748	
	BANCO SANTANDER SA 2.749% 12/03/2030 DD 12/03/20	400,000	412,292	
	UNITEDHEALTH GROUP INC 2.750% 05/15/2040 DD 05/18/20	373,896	412,235	
	QUALCOMM INC 3.250% 05/20/2050 DD 05/08/20	352,167	412,080	
	LINDE INC/CT 3.550% 11/07/2042 DD 11/07/12	326,519	411,570	
	CSX CORP 4.100% 03/15/2044 DD 10/22/12	324,730	410,691	
	SHERWIN-WILLIAMS CO/THE 3.800% 08/15/2049 DD 08/26/19	375,986	409,833	
	HSBC HOLDINGS PLC 4.950% 03/31/2030 DD 03/31/20	324,594	407,420	
	ONEOK INC 7.150% 01/15/2051 DD 05/07/20	293,914	407,410	
	WELLTOWER INC 6.500% 03/15/2041 DD 03/14/11	369,078	406,862	
	TRUSTEES OF BOSTON COLLEGE 3.129% 07/01/2052 DD 10/24/19	366,000	406,586	
	HOME DEPOT INC/THE 3.125% 12/15/2049 DD 01/13/20	376,673	406,109	
	COMCAST CORP 3.750% 04/01/2040 DD 03/27/20	385,689	404,690	
	HSBC HOLDINGS PLC VAR RT 09/22/2028 DD 09/22/20	395,361	404,373	
	CI FINANCIAL CORP 3.200% 12/17/2030 DD 12/17/20	394,498	404,188	
	DH EUROPE FINANCE II SARL 3.400% 11/15/2049 DD 11/07/19	377,099	403,696	
	BAT CAPITAL CORP 3.734% 09/25/2040 DD 09/25/20	385,000	401,570	
	CVS HEALTH CORP 2.700% 08/21/2040 DD 08/21/20	394,818	399,602	

American Electric Power System Retirement Plan

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 EIN: 13-4922641 Plan Number: 001

December 31, 2020

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	FRANKLIN RESOURCES INC 1.600% 10/30/2030 DD 10/19/20	\$ 394,856	\$ 397,832	
	DEVON ENERGY CORP 5.600% 07/15/2041 DD 07/12/11	327,756	397,469	
	CONOCOPHILLIPS CO 4.300% 11/15/2044 DD 11/12/14	313,261	396,065	
	MIDAMERICAN ENERGY CO 4.400% 10/15/2044 DD 04/03/14	303,167	395,582	
	INTERCONTINENTAL EXCHANGE INC 2.650% 09/15/2040 DD 08/20/20	383,412	394,897	
	TRAVELERS PROPERTY CASUALTY CO 6.375% 03/15/2033 DD 03/11/03	279,522	394,471	
	AMERICAN WATER CAPITAL CORP 4.200% 09/01/2048 DD 08/09/18	366,162	394,425	
	ENTERPRISE PRODUCTS OPERATING 4.200% 01/31/2050 DD 07/08/19	354,266	393,558	
	JOHNSON & JOHNSON 2.100% 09/01/2040 DD 08/25/20	387,407	393,288	
	ANHEUSER-BUSCH INBEV WORLDWIDE 4.350% 06/01/2040 DD 04/03/20	319,798	392,624	
	COMCAST CABLE COMMUNICATIONS H 9.455% 11/15/2022 DD 11/18/02	409,249	392,054	
	ALTRIA GROUP INC 5.375% 01/31/2044 DD 10/31/13	296,745	389,821	
	KELLOGG CO 4.500% 04/01/2046 DD 03/07/16	378,666	389,552	
	VERIZON COMMUNICATIONS INC 2.650% 11/20/2040 DD 11/20/20	384,642	388,761	
	SOUTHWESTERN PUBLIC SERVICE CO 3.300% 06/15/2024 DD 06/09/14	374,962	388,480	
	LOWE'S COS INC 1.300% 04/15/2028 DD 10/22/20	384,727	388,396	
	HALLIBURTON CO 5.000% 11/15/2045 DD 11/13/15	285,176	387,539	
	CONSTELLATION BRANDS INC 5.250% 11/15/2048 DD 10/29/18	346,145	386,933	
	CREDIT SUISSE AG/NEW YORK NY 2.100% 11/12/2021 DD 11/12/19	379,954	385,867	
	W R BERKLEY CORP 6.250% 02/15/2037 DD 02/14/07	255,324	385,605	
	PUGET SOUND ENERGY INC 4.300% 05/20/2045 DD 05/26/15	409,639	385,090	
	AMERICAN HONDA FINANCE CORP 0.875% 07/07/2023 DD 07/08/20	379,878	384,625	
	MCDONALD'S CORP 4.600% 05/26/2045 DD 05/26/15	303,335	384,116	
	COMCAST CORP 4.200% 08/15/2034 DD 08/12/14	307,809	382,253	
	INTERNATIONAL BUSINESS MACHINE 2.850% 05/15/2040 DD 05/07/20	352,746	381,966	
	MORGAN STANLEY 4.375% 01/22/2047 DD 01/20/17	360,752	381,175	
	SOUTHERN CALIFORNIA EDISON CO 4.125% 03/01/2048 DD 03/05/18	285,199	380,175	
	CONSTELLATION BRANDS INC 5.250% 11/15/2048 DD 10/29/18	262,929	377,084	
	PRINCIPAL LIFE GLOBAL FUN 144A 1.625% 11/19/2030 DD 11/19/20	379,894	377,082	
	VIACOMCBS INC 4.850% 07/01/2042 DD 06/20/12	299,380	376,367	
	BANK OF MONTREAL 0.450% 12/08/2023 DD 12/08/20	374,756	376,103	
	HONDA AUTO RECEIVABLES 20 4 A2 1.860% 06/20/2022 DD 11/26/19	373,613	375,557	
	PACIFIC LIFE INSURANCE CO 144A VAR RT 10/24/2067 DD 10/24/17	354,158	374,550	
	CITIGROUP INC VAR RT 10/27/2028 DD 10/27/17	359,832	373,085	
	INTERNATIONAL PAPER CO 4.400% 08/15/2047 DD 08/11/16	301,559	372,868	
	MARATHON PETROLEUM CORP 6.500% 03/01/2041 DD 09/01/11	333,350	371,900	
	KIMCO REALTY CORP 4.450% 09/01/2047 DD 08/10/17	312,666	369,892	
	PROLOGIS LP 1.250% 10/15/2030 DD 08/20/20	368,594	366,385	
	ONCOR ELECTRIC DELIVERY C 144A 5.350% 10/01/2052 DD 09/23/20	390,190	365,230	
	CIGNA CORP 4.900% 12/15/2048 DD 06/15/19	337,035	364,412	
	CITIGROUP INC 6.125% 08/25/2036 DD 08/25/06	259,598	363,996	
	PROVINCE OF QUEBEC CANADA 2.500% 04/09/2024 DD 04/09/19	339,143	363,773	
	WESTPAC BANKING CORP VAR RT 01/25/2021 DD 01/25/18	363,000	363,073	
	PLAINS ALL AMERICAN PIPELINE L 5.150% 06/01/2042 DD 03/22/12	328,854	362,833	
	BOEING CO/THE 3.250% 02/01/2028 DD 11/02/20	334,926	359,405	
	BANK OF AMERICA CORP VAR RT 02/07/2030 DD 02/07/19	305,000	359,238	
	UNION PACIFIC CORP 3.839% 03/20/2060 DD 03/20/20	343,612	358,974	
	PANASONIC CORP 144A 2.679% 07/19/2024 DD 07/19/19	335,000	357,747	
	T-MOBILE USA INC 144A 3.000% 02/15/2041 DD 10/06/20	343,134	357,668	
	EXXON MOBIL CORP 4.227% 03/19/2040 DD 03/19/20	322,637	357,415	
	LOWE'S COS INC 4.550% 04/05/2049 DD 04/05/19	329,019	356,820	
	AIA GROUP LTD 144A 3.200% 09/16/2040 DD 09/16/20	339,453	356,449	
	APPLE INC 3.850% 08/04/2046 DD 08/04/16	327,743	353,642	
	ALTRIA GROUP INC 5.375% 01/31/2044 DD 10/31/13	331,881	351,478	
	ORACLE CORP 3.900% 05/15/2035 DD 05/05/15	320,601	349,929	
	EASTMAN CHEMICAL CO 3.500% 12/01/2021 DD 11/06/18	339,072	349,234	
	MORGAN STANLEY VAR RT 12/10/2026 DD 12/10/20	345,000	347,567	
	DEVON ENERGY CORP 5.000% 06/15/2045 DD 06/16/15	277,701	347,475	
	EQUITABLE FINANCIAL LIFE 144A 1.400% 08/27/2027 DD 08/28/20	344,200	347,129	
	ALEXANDRIA REAL ESTATE EQUITIE 1.875% 02/01/2033 DD 08/05/20	344,351	344,448	
	MEXICO GOVERNMENT INTERNATIONAL 2.659% 05/24/2031 DD 11/24/20	334,675	343,040	
	MEDTRONIC INC 4.375% 03/15/2035 DD 03/15/15	275,536	342,036	
	NATIONAL SECURITIES CLEAR 144A 1.500% 04/23/2025 DD 04/23/20	329,350	341,603	
	BAYER US FINANCE II LLC 144A 4.875% 06/25/2048 DD 06/25/18	329,827	341,299	
	CONOCOPHILLIPS 6.500% 02/01/2039 DD 02/03/09	322,252	340,245	
	W R BERKLEY CORP 4.750% 08/01/2044 DD 08/06/14	326,927	339,737	
	SUNOCO LOGISTICS PARTNERS OPER 5.400% 10/01/2047 DD 09/21/17	320,062	339,671	
	DUKE ENERGY PROGRESS LLC 6.300% 04/01/2038 DD 03/13/08	231,585	339,299	
	SOUTHERN CALIFORNIA EDISON CO 6.050% 03/15/2039 DD 03/20/09	279,285	339,263	

American Electric Power System Retirement Plan

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	COCA-COLA FEMSA SAB DE CV 5.250% 11/26/2043 DD 11/26/13	\$ 271,505	\$ 338,182	
	ACE CAPITAL TRUST II 9.700% 04/01/2030 DD 03/31/00	324,566	336,767	
	ORACLE CORP 3.900% 05/15/2035 DD 05/05/15	290,221	336,423	
	L3HARRIS TECHNOLOGIES INC 3.950% 05/28/2024 DD 11/28/19	336,317	335,997	
	NATIONAL SECURITIES CLEAR 144A 0.750% 12/07/2025 DD 12/07/20	333,918	335,858	
	PACIFIC GAS AND ELECTRIC CO 4.500% 07/01/2040 DD 07/02/20	340,887	335,322	
	ROPER TECHNOLOGIES INC 2.950% 09/15/2029 DD 08/26/19	336,848	335,085	
	AT&T INC 3.650% 06/01/2051 DD 05/28/20	318,762	335,069	
	TIME WARNER CABLE LLC 4.500% 09/15/2042 DD 08/10/12	267,715	333,963	
	BANK OF MONTREAL VAR RT 10/05/2028 DD 10/05/18	320,348	333,771	
	ASTRAZENCA PLC 4.375% 08/17/2048 DD 08/17/18	255,105	333,267	
	HSBC HOLDINGS PLC 6.800% 06/01/2038 DD 05/27/08	268,904	333,241	
	ENERGY TRANSFER OPERATING LP 6.500% 02/01/2042 DD 01/17/12	326,487	331,837	
	LOWE'S COS INC 3.000% 10/15/2050 DD 10/22/20	309,696	331,582	
	COMCAST CORP 3.200% 07/15/2036 DD 07/19/16	246,861	330,596	
	KIMBERLY-CLARK DE MEXICO 144A 2.431% 07/01/2031 DD 07/01/20	320,000	330,566	
	MASSMUTUAL GLOBAL FUNDING 144A 1.550% 10/09/2030 DD 10/09/20	328,571	329,838	
	CIGNA CORP 6.125% 11/15/2041 DD 05/15/20	288,662	329,242	
	NATIONWIDE MUTUAL INSURAN 144A 4.350% 04/30/2050 DD 04/30/20	279,348	328,922	
	DOW CHEMICAL CO/THE 3.600% 11/15/2050 DD 08/26/20	287,854	325,830	
	NIKE INC 3.250% 03/27/2040 DD 03/27/20	278,247	325,693	
	BANK OF AMERICA CORP VAR RT 01/23/2022 DD 01/23/18	325,720	325,393	
	SOUTHERN CALIFORNIA EDISON CO 5.350% 07/15/2035 DD 06/27/05	222,499	325,010	
	APPLE INC 4.375% 05/13/2045 DD 05/13/15	299,189	324,801	
	PACIFIC LIFE GLOBAL FUNDI 144A 1.200% 06/24/2025 DD 06/24/20	319,290	324,378	
	WEC ENERGY GROUP INC 1.375% 10/15/2027 DD 10/09/20	319,744	324,115	
	CREDIT SUISSE GROUP AG 144A VAR RT 06/05/2026 DD 06/05/20	310,000	323,966	
	LAM RESEARCH CORP 2.875% 06/15/2050 DD 05/05/20	299,211	323,256	
	NORTHROP GRUMMAN CORP 4.400% 05/01/2030 DD 03/23/20	267,501	322,725	
	BAYER US FINANCE II LLC 144A 4.700% 07/15/2064 DD 07/15/18	301,189	321,217	
	ENTERPRISE PRODUCTS OPERATING 3.950% 01/31/2060 DD 01/15/20	295,803	321,018	
	PFIZER INC 4.000% 03/15/2049 DD 03/11/19	240,015	320,697	
	STATE STREET CORP VAR RT 11/01/2025 DD 11/01/19	308,661	320,187	
	EVERGY KANSAS CENTRAL INC 3.250% 09/01/2049 DD 08/19/19	297,469	319,548	
	RAYTHEON TECHNOLOGIES CORP 3.750% 11/01/2046 DD 11/01/16	226,149	318,036	
	CITIGROUP INC VAR RT 01/10/2028 DD 01/10/17	277,000	317,464	
	AUTOZONE INC 1.650% 01/15/2031 DD 08/14/20	315,347	317,386	
	HOME DEPOT INC/THE 3.125% 12/15/2049 DD 01/13/20	305,531	317,273	
	VERIZON COMMUNICATIONS INC 4.000% 03/22/2050 DD 03/20/20	260,000	314,616	
	APPLE INC 2.950% 09/11/2049 DD 09/11/19	284,764	311,844	
	GENERAL MOTORS FINANCIAL CO IN 3.850% 01/05/2028 DD 01/05/18	295,249	311,489	
	BROOKLYN UNION GAS CO/THE 144A 4.487% 03/04/2049 DD 03/04/19	235,000	311,241	
	HALLIBURTON CO 4.750% 08/01/2043 DD 08/05/13	257,329	310,758	
	SOUTHERN CALIFORNIA GAS CO 4.125% 06/01/2048 DD 05/15/18	243,744	310,529	
	SUNCOR ENERGY INC 6.800% 05/15/2038 DD 05/15/08	285,547	310,041	
	HESS CORP 6.000% 01/15/2040 DD 12/14/09	199,935	308,840	
	EASTERN ENERGY GAS HOLDINGS LL 4.600% 12/15/2044 DD 12/08/14	282,230	308,431	
	HYUNDAI MOTOR CO	221,396	308,152	
	CONSTELLATION BRANDS INC 3.750% 05/01/2050 DD 04/27/20	258,144	306,137	
	APPLE INC 2.950% 09/11/2049 DD 09/11/19	307,176	302,870	
	SYSCO CORP 5.950% 04/01/2030 DD 04/02/20	296,468	302,232	
	GRUPO TELEvisa SAB 5.000% 05/13/2045 DD 05/13/14	241,335	301,475	
	OTIS WORLDWIDE CORP 3.362% 02/15/2050 DD 08/15/20	275,579	300,768	
	TRUIST BANK VAR RT 08/02/2022 DD 07/26/18	300,528	300,354	
	TOYOTA MOTOR CREDIT CORP VAR RT 02/14/2022 DD 08/14/20	300,000	300,228	
	VIACOMCBS INC 4.900% 08/15/2044 DD 08/19/14	275,885	299,321	
	CVS HEALTH CORP 4.300% 03/25/2028 DD 03/09/18	259,471	298,680	
	WELLS FARGO & CO VAR RT 04/04/2051 DD 03/30/20	242,808	298,456	
	INTERNATIONAL BUSINESS MACHINE 2.950% 05/15/2050 DD 05/07/20	277,679	298,427	
	AON PLC 4.750% 05/15/2045 DD 05/20/15	266,139	298,397	
	TAKEDA PHARMACEUTICAL CO LTD 5.000% 11/26/2028 DD 11/26/19	297,701	298,200	
	KINDER MORGAN INC 3.250% 08/01/2050 DD 08/05/20	273,795	298,155	
	CITIGROUP INC 6.625% 01/15/2028 DD 01/09/98	263,943	297,392	
	WASTE MANAGEMENT INC 1.500% 03/15/2031 DD 11/17/20	299,289	297,177	
	TOYOTA MOTOR CREDIT CORP 0.500% 08/14/2023 DD 08/14/20	294,773	296,507	
	VIACOMCBS INC 4.850% 07/01/2042 DD 06/20/12	235,942	296,158	
	CONSOLIDATED EDISON CO OF NEW 3.875% 06/15/2047 DD 06/08/17	295,853	295,945	
	PRICOA GLOBAL FUNDING I 144A 0.800% 09/01/2025 DD 09/01/20	294,381	295,451	
	RAYTHEON TECHNOLOGIES CORP 3.950% 08/16/2025 DD 08/16/18	290,713	292,462	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	ROYAL BANK OF CANADA VAR RT 01/17/2023 DD 01/17/20	\$ 290,000	\$ 291,331	
	UNITEDHEALTH GROUP INC 4.375% 03/15/2042 DD 03/08/12	220,631	291,128	
	ALEXANDRIA REAL ESTATE EQUITIE 4.850% 04/15/2049 DD 03/21/19	206,894	290,417	
	S&P GLOBAL INC 2.300% 08/15/2060 DD 08/13/20	300,202	290,281	
	BROADRIDGE FINANCIAL SOLUTIONS 2.900% 12/01/2029 DD 12/09/19	290,944	290,276	
	FEDEX CORP 4.750% 11/15/2045 DD 10/23/15	238,812	290,217	
	NUTRITION & BIOSCIENCES I 144A 3.268% 11/15/2040 DD 09/16/20	269,984	290,142	
	CARRIER GLOBAL CORP 2.700% 02/15/2031 DD 06/19/20	282,334	290,093	
	UNION ELECTRIC CO 4.000% 04/01/2048 DD 04/06/18	268,425	289,883	
	SOUTHERN CALIFORNIA EDISON CO 2.400% 02/01/2022 DD 01/16/15	284,980	289,802	
	ITC HOLDINGS CORP 3.650% 06/15/2024 DD 06/04/14	277,842	288,810	
	MICROSOFT CORP 4.100% 02/06/2037 DD 02/06/17	271,044	288,737	
	SOUTHWESTERN PUBLIC SERVICE CO 3.150% 05/01/2050 DD 05/18/20	258,953	288,600	
	BOEING CO/THE 3.900% 05/01/2049 DD 05/02/19	234,934	284,404	
	SHELL INTERNATIONAL FINANCE BV 4.000% 05/10/2046 DD 05/10/16	219,506	283,370	
	PANAMA GOVERNMENT INTERNATIONA 4.000% 09/22/2024 DD 09/22/14	272,468	282,096	
	MCDONALD'S CORP 4.450% 09/01/2048 DD 08/15/18	263,442	281,452	
	PUBLIC SERVICE ENTERPRISE GROU 1.600% 08/15/2030 DD 08/14/20	283,687	281,004	
	KINDER MORGAN ENERGY PARTNERS 6.500% 02/01/2037 DD 01/30/07	248,214	280,329	
	ENTERPRISE PRODUCTS OPERATING 4.850% 08/15/2042 DD 02/15/12	228,384	279,799	
	JPMORGAN CHASE & CO VAR RT 05/13/2031 DD 05/13/20	255,000	279,630	
	NOBLE ENERGY INC 6.000% 03/01/2041 DD 02/18/11	190,455	278,381	
	NORFOLK SOUTHERN CORP 3.050% 05/15/2050 DD 05/11/20	254,401	277,820	
	BOEING CO/THE 2.700% 05/01/2022 DD 05/02/19	269,522	277,592	
	MASTERCARD INC 3.850% 03/26/2050 DD 03/26/20	214,088	277,505	
	NVIDIA CORP 3.500% 04/01/2040 DD 03/31/20	229,540	276,212	
	COLOMBIA GOVERNMENT INTERNATIO 5.000% 06/15/2045	219,038	274,500	
	VERIZON COMMUNICATIONS INC 1.750% 01/20/2031 DD 11/20/20	273,708	273,625	
	NATIONAL RURAL UTILITIES COOPE 2.300% 09/15/2022 DD 08/30/17	265,912	273,379	
	MCDONALD'S CORP 4.700% 12/09/2035 DD 12/09/15	210,323	272,897	
	TRANSCANADA PIPELINES LTD 7.625% 01/15/2039 DD 01/09/09	244,623	271,332	
	CHEVRON CORP 2.978% 05/11/2040 DD 05/11/20	245,000	271,232	
	EQUINOR ASA 3.700% 04/06/2050 DD 04/06/20	223,346	271,157	
	WELLTOWER INC 4.950% 09/01/2048 DD 08/16/18	206,129	268,976	
	GENERAL MOTORS CO 5.950% 04/01/2049 DD 09/10/18	197,933	267,779	
	INTEL CORP 4.950% 03/25/2060 DD 03/25/20	257,166	267,338	
	DENTSPLY SIRONA INC 3.250% 06/01/2030 DD 05/26/20	261,007	267,295	
	PANASONIC CORP 144A 2.536% 07/19/2022 DD 07/19/19	260,000	267,270	
	MARSH & MCLENNAN COS INC 3.500% 06/03/2024 DD 05/30/14	245,237	267,207	
	MARSH & MCLENNAN COS INC 3.500% 03/10/2025 DD 09/10/14	252,430	266,191	
	DISCOVERY COMMUNICATIONS 144A 4.000% 09/15/2055 DD 09/21/20	243,636	265,274	
	CAMERON LNG LLC 144A 3.701% 01/15/2039 DD 12/13/19	235,000	264,988	
	BURLINGTON NORTHERN SANTA FE L 3.550% 02/15/2050 DD 07/24/19	249,080	264,985	
	MCDONALD'S CORP 3.625% 09/01/2049 DD 08/12/19	247,225	264,042	
	EQUINOR ASA 3.150% 01/23/2022 DD 11/23/11	262,492	262,951	
	CHARTER COMMUNICATIONS OPERATI 4.800% 03/01/2050 DD 10/24/19	227,969	262,768	
	BOSTON SCIENTIFIC CORP 4.700% 03/01/2049 DD 02/25/19	246,162	260,672	
	APPLE INC 2.650% 05/11/2050 DD 05/11/20	241,499	260,031	
	NIKE INC 3.375% 03/27/2050 DD 03/27/20	209,292	259,799	
	BAT CAPITAL CORP 2.259% 03/25/2028 DD 09/25/20	250,000	259,513	
	BRISTOL-MYERS SQUIBB CO 5.000% 08/15/2045 DD 02/15/20	235,865	258,902	
	CIGNA CORP 3.400% 03/15/2050 DD 03/16/20	218,040	258,808	
	UNITED AIRLINES 2015-1 CLASS A 3.450% 06/01/2029 DD 11/17/15	251,096	258,341	
	ENTERPRISE PRODUCTS OPERATING 4.250% 02/15/2048 DD 02/15/18	207,280	257,946	
	BBVA USA 3.500% 06/11/2021 DD 06/11/18	259,957	257,882	
	ENTERGY LOUISIANA LLC 4.000% 03/15/2033 DD 03/23/18	206,677	257,607	
	APPLE INC 2.550% 08/20/2060 DD 08/20/20	247,333	257,120	
	STARBUCKS CORP 3.350% 03/12/2050 DD 03/12/20	224,922	257,106	
	VERIZON COMMUNICATIONS INC 2.875% 11/20/2050 DD 11/20/20	254,337	256,938	
	PROTECTIVE LIFE GLOBAL FU 144A 1.737% 09/21/2030 DD 09/21/20	255,000	256,278	
	CIGNA CORP 2.400% 03/15/2030 DD 03/16/20	249,463	255,893	
	LOWE'S COS INC 3.000% 10/15/2050 DD 10/22/20	234,770	251,361	
	PFIZER INC 3.900% 03/15/2039 DD 03/11/19	239,682	251,298	
	TRACTOR SUPPLY CO 1.750% 11/01/2030 DD 10/30/20	247,185	251,270	
	BROADCOM INC 2.250% 11/15/2023 DD 05/08/20	239,976	250,651	
	DUKE ENERGY CAROLINAS LLC 3.200% 08/15/2049 DD 08/14/19	244,818	250,439	
	SOUTHERN CO/THE 4.250% 07/01/2036 DD 05/24/16	202,145	248,994	
	PACIFIC GAS AND ELECTRIC CO 3.500% 08/01/2050 DD 06/19/20	242,728	248,478	
	ABBVIE INC 4.500% 05/14/2035 DD 05/14/15	196,589	247,446	

American Electric Power System Retirement Plan

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December 31, 2020

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	TYSON FOODS INC 4.550% 06/02/2047 DD 06/02/17	\$ 224,284	\$ 247,010	
	LYB INTERNATIONAL FINANCE III 2.250% 10/01/2030 DD 10/08/20	238,087	246,910	
	WELLS FARGO & CO 5.375% 02/07/2035 DD 02/07/05	205,439	244,888	
	NESTLE HOLDINGS INC 144A 3.900% 09/24/2038 DD 09/24/18	226,103	244,458	
	DOMINION ENERGY INC 4.600% 03/15/2049 DD 03/13/19	211,848	241,483	
	AMGEN INC 5.150% 11/15/2041 DD 11/10/11	180,865	241,178	
	AMGEN INC 144A 2.770% 09/01/2053 DD 08/17/20	237,172	240,119	
	JPMORGAN CHASE & CO VAR RT 04/01/2023 DD 03/22/19	237,744	238,351	
	INTERCONTINENTAL EXCHANGE INC 1.850% 09/15/2032 DD 08/20/20	233,964	236,804	
	BEST BUY CO INC 1.950% 10/01/2030 DD 10/01/20	234,088	236,128	
	CK HUTCHISON INTERNATIONAL 144A 3.375% 05/08/2050 DD 05/08/20	203,239	235,535	
	PANAMA GOVERNMENT INTERNATIONAL 3.870% 07/23/2060 DD 07/23/19	199,878	235,502	
	MASSACHUSETTS ELECTRIC CO 144A 1.729% 11/24/2030 DD 11/24/20	235,000	235,400	
	COMCAST CORP 6.500% 11/15/2035 DD 11/14/05	217,518	231,872	
	LOCKHEED MARTIN CORP 4.090% 09/15/2052 DD 09/07/17	205,835	231,644	
	GENERAL MOTORS CO 5.200% 04/01/2045 DD 11/12/14	226,024	230,742	
	WALT DISNEY CO/THE VAR RT 09/01/2021 DD 09/06/19	230,000	230,258	
	GENERAL ELECTRIC CO 5.550% 01/05/2026 DD 01/05/06	212,530	230,022	
	INTEL CORP 3.734% 12/08/2047 DD 06/08/18	197,868	229,452	
	CIGNA CORP 4.800% 07/15/2046 DD 01/15/20	193,552	229,348	
	PIEDMONT NATURAL GAS CO INC 3.350% 06/01/2050 DD 05/21/20	203,538	228,842	
	UNION PACIFIC CORP 3.750% 02/05/2070 DD 01/31/20	187,915	227,403	
	JPMORGAN CHASE & CO VAR RT 02/01/2028 DD 02/01/17	221,376	224,127	
	KROGER CO/THE 5.400% 07/15/2040 DD 07/13/10	170,512	222,750	
	MCDONALD'S CORP 3.625% 05/01/2043 DD 05/06/13	192,270	222,205	
	PACKAGING CORP OF AMERICA 4.050% 12/15/2049 DD 11/21/19	177,425	222,010	
	ONEOK INC 5.200% 07/15/2048 DD 07/02/18	159,416	221,768	
	OGLETHORPE POWER CORP 144A 3.750% 08/01/2050 DD 08/25/20	201,991	220,297	
	DEERE & CO 3.750% 04/15/2050 DD 03/30/20	169,997	220,276	
	ADVOCATE HEALTH & HOSPITALS CO 2.211% 06/15/2030 DD 05/05/20	210,000	218,887	
	COLOMBIA GOVERNMENT INTERNATIONAL 3.125% 04/15/2031 DD 06/04/20	206,855	217,556	
	UBS GROUP AG 144A VAR RT 01/30/2027 DD 07/30/20	215,000	217,408	
	INTERSTATE POWER AND LIGHT CO 2.300% 06/01/2030 DD 06/02/20	204,129	216,779	
	VIACOMCBS INC 4.375% 03/15/2043 DD 03/15/13	194,884	216,209	
	SOUTHERN CO GAS CAPITAL CORP 3.950% 10/01/2046 DD 09/13/16	182,676	215,453	
	REALTY INCOME CORP 0.750% 03/15/2026 DD 12/14/20	213,263	214,460	
	ENTERPRISE PRODUCTS OPERATING 4.450% 02/15/2043 DD 08/13/12	184,103	213,324	
	BOEING CO/THE 2.700% 02/01/2027 DD 07/31/19	209,239	213,231	
	ALCON FINANCE CORP 144A 2.600% 05/27/2030 DD 05/27/20	199,686	213,080	
	FEDEX CORP 4.050% 02/15/2048 DD 01/31/18	175,564	210,323	
	BAYLOR SCOTT & WHITE HOLDINGS 4.185% 11/15/2045 DD 04/22/15	191,393	209,389	
	ABBOTT LABORATORIES 4.900% 11/30/2046 DD 11/22/16	201,169	209,033	
	FEDEX CORP 3.900% 02/01/2035 DD 01/09/15	174,199	208,964	
	ENERGY TRANSFER OPERATING LP 5.300% 04/15/2047 DD 01/17/17	195,031	207,716	
	EXXON MOBIL CORP 3.095% 08/16/2049 DD 08/16/19	179,522	205,971	
	VALE OVERSEAS LTD 6.250% 08/10/2026 DD 08/10/16	189,833	204,600	
	BP CAPITAL MARKETS AMERICA INC 2.939% 06/04/2051 DD 12/04/20	200,000	204,306	
	CONSTELLATION BRANDS INC 4.650% 11/15/2028 DD 10/29/18	198,776	201,044	
	CORP NACIONAL DEL COBRE D 144A 4.500% 09/16/2025 DD 09/16/15	197,969	200,883	
	DIAMONDBACK ENERGY INC 2.875% 12/01/2024 DD 12/05/19	189,922	199,719	
	UNITEDHEALTH GROUP INC 2.900% 05/15/2050 DD 05/18/20	174,926	199,287	
	ORACLE CORP 2.800% 04/01/2027 DD 04/01/20	195,041	198,518	
	KROGER CO/THE 3.850% 08/01/2023 DD 07/25/13	181,781	197,250	
	WASTE MANAGEMENT INC 2.500% 11/15/2050 DD 11/17/20	193,046	197,020	
	BOEING CO/THE 3.750% 02/01/2050 DD 07/31/19	170,557	194,544	
	SUMITOMO MITSUI FINANCIAL GROUP 3.010% 10/19/2026 DD 10/19/16	178,427	193,786	
	SOUTHERN CALIFORNIA GAS CO 3.200% 06/15/2025 DD 06/18/15	176,834	193,613	
	CAPITAL ONE FINANCIAL CORP 4.750% 07/15/2021 DD 07/19/11	197,596	193,409	
	AMERICA MOVIL SAB DE CV 3.125% 07/16/2022 DD 07/16/12	185,093	191,893	
	GOLDMAN SACHS GROUP INC/THE VAR RT 04/23/2039 DD 04/23/18	168,690	191,759	
	NEW YORK LIFE INSURANCE C 144A 3.750% 05/15/2050 DD 04/14/20	159,022	191,397	
	CSX CORP 3.800% 04/15/2050 DD 03/30/20	149,304	185,877	
	CYRUSONE LP / CYRUSONE FINANCE 2.150% 11/01/2030 DD 09/21/20	187,711	185,191	
	DEUTSCHE BANK AG/NEW YORK NY VAR RT 11/24/2026 DD 11/24/20	180,000	184,219	
	HSBC HOLDINGS PLC VAR RT 05/24/2027 DD 11/24/20	180,000	183,046	
	SOUTHWESTERN PUBLIC SERVICE CO 3.750% 06/15/2049 DD 06/18/19	148,109	182,780	
	WILLIAMS COS INC/THE 5.800% 11/15/2043 DD 11/15/13	158,007	182,689	
	AMERICAN WATER CAPITAL CORP 2.800% 05/01/2030 DD 04/14/20	165,018	182,140	
	DUKE REALTY LP 1.750% 07/01/2030 DD 06/29/20	178,330	182,003	

American Electric Power System Retirement Plan

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	BANK OF AMERICA CORP VAR RT 10/22/2030 DD 10/22/19	\$ 165,000	\$ 181,188	
	BALTIMORE GAS AND ELECTRIC CO 2.900% 06/15/2050 DD 06/05/20	163,396	177,654	
	ATMOS ENERGY CORP 4.300% 10/01/2048 DD 10/04/18	131,339	176,349	
	BERKSHIRE HATHAWAY FINANCE COR 4.200% 08/15/2048 DD 08/15/18	131,331	174,310	
	BLACK HILLS CORP 2.500% 06/15/2030 DD 06/17/20	164,436	173,295	
	CROWN CASTLE INTERNATIONAL COR 5.200% 02/15/2049 DD 02/11/19	162,198	170,223	
	RAYTHEON TECHNOLOGIES CORP 4.625% 11/16/2048 DD 08/16/18	170,674	169,700	
	3M CO 3.700% 04/15/2050 DD 03/27/20	134,536	167,574	
	VERIZON COMMUNICATIONS IN 144A 2.987% 10/30/2056 DD 10/06/20	178,351	167,097	
	KROGER CO/THE 3.950% 01/15/2050 DD 01/13/20	135,548	165,168	
	MPLX LP 4.250% 12/01/2027 DD 12/01/19	146,976	164,384	
	STATE STREET CORP VAR RT 11/01/2034 DD 11/01/19	158,381	158,945	
	MOODY'S CORP 3.250% 05/20/2050 DD 05/20/20	138,069	155,390	
	WALT DISNEY CO/THE 2.200% 01/13/2028 DD 05/13/20	144,529	155,204	
	GENERAL MOTORS CO 5.000% 10/01/2028 DD 09/10/18	131,158	154,684	
	MIZUHO FINANCIAL GROUP INC 3.663% 02/28/2027 DD 02/28/17	147,586	153,368	
	NORDSTROM INC 144A 8.750% 05/15/2025 DD 04/16/20	135,000	151,207	
	AON CORP 4.500% 12/15/2028 DD 12/03/18	144,645	150,854	
	AMERICA MOVIL SAB DE CV 6.125% 03/30/2040 DD 03/30/10	111,298	148,657	
	NORFOLK SOUTHERN CORP 3.400% 11/01/2049 DD 11/04/19	128,816	148,295	
	BAXTER INTERNATIONAL INC 3.500% 08/15/2046 DD 08/15/16	136,445	142,494	
	GUARDIAN LIFE GLOBAL FUND 144A 1.400% 07/06/2027 DD 07/06/20	139,768	141,757	
	INTERCONTINENTAL EXCHANGE INC 0.700% 06/15/2023 DD 08/20/20	139,864	141,130	
	WALT DISNEY CO/THE 3.800% 05/13/2060 DD 05/13/20	124,190	139,757	
	ALEXANDRIA REAL ESTATE EQUITIE 3.950% 01/15/2028 DD 03/03/17	129,292	139,386	
	EQUINOR ASA 3.250% 11/18/2049 DD 11/18/19	130,891	138,913	
	FIFTH THIRD BANK NA 2.250% 02/01/2027 DD 01/31/20	138,034	138,717	
	JPMORGAN CHASE & CO VAR RT 07/23/2029 DD 07/23/18	136,492	137,493	
	GENERAL MOTORS FINANCIAL CO IN 5.200% 03/20/2023 DD 05/15/20	124,944	137,061	
	AON CORP 2.800% 05/15/2030 DD 05/15/20	124,956	136,371	
	HOME DEPOT INC/THE 3.300% 04/15/2040 DD 03/30/20	113,981	135,539	
	BERKSHIRE HATHAWAY ENERGY CO 4.450% 01/15/2049 DD 07/25/18	121,744	133,035	
	SUNOCO LOGISTICS PARTNERS OPER 5.300% 04/01/2044 DD 04/03/14	122,029	129,676	
	GE CAPITAL FUNDING LLC 144A 4.400% 05/15/2030 DD 05/18/20	113,146	129,671	
	TEACHERS INSURANCE & ANNU 144A 6.850% 12/16/2039 DD 12/16/09	81,896	128,985	
	MCDONALD'S CORP 4.200% 04/01/2050 DD 03/27/20	98,855	128,559	
	S&P GLOBAL INC 2.300% 08/15/2060 DD 08/13/20	132,876	128,485	
	PEACEHEALTH OBLIGATED GROUP 1.375% 11/15/2025 DD 10/08/20	125,000	127,585	
	MEXICO GOVERNMENT INTERNATIONA 4.750% 04/27/2032 DD 04/27/20	109,794	126,368	
	MPLX LP 2.650% 08/15/2030 DD 08/18/20	119,896	125,761	
	ROSS STORES INC 1.875% 04/15/2031 DD 10/21/20	124,781	125,496	
	WEST VIRGINIA UNITED HEALTH SY 3.129% 06/01/2050 DD 12/10/20	120,000	125,316	
	NORTHERN TRUST CORP 1.950% 05/01/2030 DD 05/01/20	119,545	125,081	
	MARATHON PETROLEUM CORP 6.500% 03/01/2041 DD 09/01/11	92,764	124,862	
	TENNESSEE GAS PIPELINE CO LLC 7.000% 03/15/2027 DD 03/13/97	115,275	124,781	
	DIAGEO INVESTMENT CORP 2.875% 05/11/2022 DD 05/11/12	121,705	124,088	
	LIFE STORAGE LP 2.200% 10/15/2030 DD 09/23/20	119,429	122,492	
	GLOBE LIFE INC 2.150% 08/15/2030 DD 08/21/20	119,786	121,960	
	EMPOWER FINANCE 2020 LP 144A 3.075% 09/17/2051 DD 09/17/20	110,000	121,801	
	BAT CAPITAL CORP 4.758% 09/06/2049 DD 09/06/19	101,803	121,733	
	SAN DIEGO GAS & ELECTRIC CO 1.700% 10/01/2030 DD 09/28/20	119,791	121,372	
	BLACKROCK INC 1.900% 01/28/2031 DD 05/06/20	120,080	120,374	
	NOBLE ENERGY INC 5.050% 11/15/2044 DD 11/07/14	91,626	119,616	
	FORD CREDIT AUTO OWNER T C A2A 1.880% 07/15/2022 DD 11/22/19	118,709	119,166	
	SOUTHERN CALIFORNIA EDISON CO 4.000% 04/01/2047 DD 03/24/17	108,173	117,460	
	ALLY FINANCIAL INC 1.450% 10/02/2023 DD 09/18/20	116,892	117,394	
	NEVADA POWER CO 3.125% 08/01/2050 DD 01/30/20	104,959	116,275	
	BURLINGTON NORTHERN SANTA FE L 6.700% 08/01/2028 DD 07/30/98	83,283	116,056	
	MYLAN INC 4.550% 04/15/2028 DD 10/15/18	107,383	112,936	
	TRANSCONTINENTAL GAS PIPE LINE 4.600% 03/15/2048 DD 09/15/18	97,629	111,694	
	CLEVELAND ELECTRIC ILLUMI 144A 4.550% 11/15/2030 DD 11/02/18	93,930	108,373	
	TRUIST FINANCIAL CORP 4.000% 05/01/2025 DD 04/26/18	94,878	107,574	
	SEMPRA ENERGY 4.000% 02/01/2048 DD 01/12/18	95,514	107,238	
	WALT DISNEY CO/THE 4.625% 03/23/2040 DD 03/23/20	79,814	106,834	
	BRISTOL-MYERS SQUIBB CO 1.125% 11/13/2027 DD 11/13/20	104,937	106,050	
	VIACOMCBS INC 4.950% 05/19/2050 DD 05/19/20	76,936	103,626	
	UNION ELECTRIC CO 3.250% 10/01/2049 DD 10/01/19	96,946	103,229	
	LOCKHEED MARTIN CORP 2.800% 06/15/2050 DD 05/20/20	94,176	102,712	
	ALABAMA POWER CO 4.150% 08/15/2044 DD 08/26/14	79,363	101,494	

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	BRISTOL-MYERS SQUIBB CO 4.350% 11/15/2047 DD 05/15/20	\$ 100,445	\$ 101,016	
	CONAGRA BRANDS INC 5.300% 11/01/2038 DD 10/22/18	92,126	100,268	
	CATERPILLAR FINANCIAL SERVICES 1.900% 09/06/2022 DD 09/06/19	94,868	97,649	
	HEALTHPEAK PROPERTIES INC 2.875% 01/15/2031 DD 06/23/20	94,855	97,005	
	BOEING CO/THE 5.805% 05/01/2050 DD 05/04/20	70,000	96,471	
	HOME DEPOT INC/THE 3.500% 09/15/2056 DD 09/15/16	89,321	93,776	
	ENTERGY TEXAS INC 4.000% 03/30/2029 DD 01/08/19	86,402	93,427	
	ISRAEL ST AID 5.500% 04/26/2024 DD 04/26/04	95,938	93,349	
	PSEG POWER LLC 3.850% 06/01/2023 DD 06/06/18	91,475	91,451	
	CHUBB INA HOLDINGS INC 1.375% 09/15/2030 DD 09/17/20	89,799	89,836	
	ONEOK INC 4.500% 03/15/2050 DD 03/10/20	65,874	89,130	
	COX COMMUNICATIONS INC 144A 6.450% 12/01/2036 DD 12/01/06	77,522	86,434	
	CONCHO RESOURCES INC 3.750% 10/01/2027 DD 09/26/17	75,913	85,718	
	NOBLE ENERGY INC 6.000% 03/01/2041 DD 02/18/11	63,520	83,667	
	ROGERS COMMUNICATIONS INC 3.700% 11/15/2049 DD 11/12/19	69,248	82,752	
	AT&T INC 144A 3.550% 09/15/2055 DD 09/18/20	75,878	82,719	
	SUMITOMO MITSUI FINANCIAL GROU 3.202% 09/17/2029 DD 09/17/19	75,000	82,103	
	PHILLIPS 66 2.150% 12/15/2030 DD 06/10/20	76,061	81,214	
	VIACOMCBS INC 5.850% 09/01/2043 DD 08/19/13	59,374	76,506	
	MLPX LP 5.200% 03/01/2047 DD 02/10/17	65,477	72,989	
	AMERICAN WATER CAPITAL CORP 4.150% 06/01/2049 DD 05/13/19	65,456	72,824	
	AETNA INC 3.500% 11/15/2024 DD 11/10/14	66,894	71,342	
	BAT CAPITAL CORP 4.390% 08/15/2037 DD 08/15/18	63,000	70,769	
	ALIBABA GROUP HOLDING LTD 4.200% 12/06/2047 DD 12/06/17	62,989	69,246	
	EVERSOURCE ENERGY 3.450% 01/15/2050 DD 01/10/20	64,057	68,313	
	SHERWIN-WILLIAMS CO/THE 3.300% 05/15/2050 DD 03/17/20	59,894	66,334	
	BROADCOM INC 4.150% 11/15/2030 DD 05/08/20	60,058	63,677	
	BURLINGTON NORTHERN SANTA FE L 7.950% 08/15/2030 DD 08/08/00	46,469	63,395	
	MARATHON PETROLEUM CORP 3.800% 04/01/2028 DD 04/01/19	49,649	55,740	
	AMERICAN INTERNATIONAL GROUP I 3.875% 01/15/2035 DD 01/15/15	47,662	53,995	
	CHARTER COMMUNICATIONS OPERATI 6.834% 10/23/2055 DD 10/23/16	47,279	53,084	
	TIME WARNER ENTERTAINMENT CO L 8.375% 03/15/2023 DD 09/15/93	51,094	52,599	
	PFIZER INC 4.000% 03/15/2049 DD 03/11/19	51,042	52,573	
	LOWE'S COS INC 4.250% 09/15/2044 DD 09/10/14	48,507	50,279	
	TRANSCONTINENTAL GAS PIPE LINE 4.450% 08/01/2042 DD 07/13/12	44,784	50,042	
	HALLIBURTON CO 4.500% 11/15/2041 DD 11/14/11	38,605	49,134	
	DIGITAL REALTY TRUST LP 4.450% 07/15/2028 DD 06/21/18	34,693	42,082	
	BOEING CO/THE 2.600% 10/30/2025 DD 10/29/15	38,544	41,731	
	ALABAMA POWER CO 3.450% 10/01/2049 DD 09/17/19	29,900	35,198	
	JOHNSON CONTROLS INTERNATIONAL 4.500% 02/15/2047 DD 02/07/17	23,942	26,287	
	ALIMENTATION COUCHE-TARD 144A 4.500% 07/26/2047 DD 07/26/17	21,972	25,036	
	SOUTHERN CALIFORNIA EDISON CO 3.900% 03/15/2043 DD 03/07/13	21,128	22,589	
	VERIZON COMMUNICATIONS INC 5.012% 04/15/2049 DD 02/03/17	19,852	22,180	
	BRISTOL-MYERS SQUIBB CO 4.550% 02/20/2048 DD 02/20/20	20,443	20,923	
	VODAFONE GROUP PLC 4.875% 06/19/2049 DD 06/19/19	15,187	20,046	
	HESS CORP 7.300% 08/15/2031 DD 08/15/01	17,288	19,625	
	GEORGIA POWER CO 4.300% 03/15/2042 DD 03/06/12	17,442	19,048	
	VOYA FINANCIAL INC 4.800% 06/15/2046 DD 06/13/16	17,589	19,014	
	AMERICAN AIRLINES 2017-1 CLASS 3.650% 08/15/2030 DD 01/13/17	13,248	13,365	
	EXELON CORP 4.450% 04/15/2046 DD 04/07/16	5,840	6,371	
Total Corporate Obligations		1,410,227,224	1,641,435,999	
U.S. Government Obligations				
	U S TREASURY BOND 2.500% 02/15/2046 DD 02/15/16	79,253,246	88,054,626	
	U S TREASURY BOND 2.500% 02/15/2045 DD 02/15/15	50,605,235	59,471,970	
	U S TREASURY BOND 1.625% 11/15/2050 DD 11/15/20	48,032,411	48,607,038	
	U S TREASURY BOND 2.875% 05/15/2043 DD 05/15/13	43,723,798	47,757,175	
	U S TREASURY BOND 1.375% 11/15/2040 DD 11/15/20	47,333,721	47,148,544	
	U S TREASURY NOTE 0.625% 12/31/2027 DD 12/31/20	46,029,706	46,089,707	
	U S TREASURY BOND 3.625% 08/15/2043 DD 08/15/13	41,708,322	45,362,112	
	U S TREASURY BOND 3.125% 02/15/2043 DD 02/15/13	39,862,226	43,610,700	
	U S TREASURY BOND 2.875% 05/15/2049 DD 05/15/19	34,253,980	37,389,966	
	U S TREASURY BOND 3.750% 11/15/2043 DD 11/15/13	29,647,850	36,617,539	
	U S TREASURY BOND 3.000% 02/15/2049 DD 02/15/19	28,655,223	34,815,797	
	U S TREASURY BOND 3.750% 11/15/2043 DD 11/15/13	28,382,610	30,919,322	
	U S TREASURY NOTE 0.125% 09/30/2022 DD 09/30/20	28,448,102	28,459,038	
	U S TREASURY BOND 3.000% 11/15/2044 DD 11/15/14	23,592,199	25,101,397	
	U S TREASURY BOND 2.750% 11/15/2042 DD 11/15/12	23,157,589	24,097,578	
	U S TREASURY BOND 2.875% 05/15/2049 DD 05/15/19	21,183,185	23,871,867	
	FEDERAL NATL MTG ASSN 0.875% 08/05/2030 DD 08/05/20	22,970,950	22,715,333	
	U S TREASURY BOND 3.000% 02/15/2047 DD 02/15/17	16,375,080	19,932,619	
	U S TREASURY BOND 1.375% 08/15/2050 DD 08/15/20	17,546,028	17,494,941	
	U S TREASURY BOND 3.625% 02/15/2044 DD 02/15/14	14,819,032	17,150,327	
	U S TREASURY BOND 3.000% 05/15/2045 DD 05/15/15	14,120,101	16,674,177	
	U S TREASURY BOND 3.000% 02/15/2049 DD 02/15/19	13,123,622	14,496,469	
	U S TREASURY BD PRIN STRIP 0.000% 02/15/2043 DD 02/15/13	7,243,932	14,044,372	
	U S TREASURY BOND 3.000% 05/15/2047 DD 05/15/17	10,763,890	13,718,270	
	US TREAS-CPI INFLAT 0.125% 04/15/2021 DD 04/15/16	13,188,828	13,357,300	
	U S TREASURY BOND 2.750% 08/15/2047 DD 08/15/17	11,296,844	12,880,993	
	U S TREASURY BOND 2.250% 08/15/2046 DD 08/15/16	11,070,216	12,571,119	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	U S TREASURY BOND 3.625% 08/15/2043 DD 08/15/13	\$ 9,362,254	\$ 11,899,081	
	U S TREASURY BOND 2.875% 08/15/2045 DD 08/15/15	10,850,027	10,674,681	
	U S TREASURY BOND 3.000% 02/15/2048 DD 02/15/18	10,702,430	10,331,185	
	U S TREASURY BOND 1.375% 08/15/2050 DD 08/15/20	10,205,186	10,161,676	
	U S TREASURY BOND 3.125% 08/15/2044 DD 08/15/14	8,548,638	9,939,928	
	U S TREASURY NOTE 0.625% 05/15/2030 DD 05/15/20	8,872,850	8,671,844	
	U S TREASURY BOND 3.375% 05/15/2044 DD 05/15/14	8,105,856	8,663,366	
	U S TREASURY BD CPN STRIP 0.000% 02/15/2040 DD 02/16/10	6,306,660	8,082,667	
	U S TREASURY BOND 3.750% 11/15/2043 DD 11/15/13	8,255,496	7,952,575	
	U S TREASURY BOND 4.250% 05/15/2039 DD 05/15/09	6,395,304	7,679,597	
	FEDERAL NATL MTG ASSN 7.250% 05/15/2030 DD 05/05/00	6,649,411	7,397,621	
	U S TREASURY NOTE 2.250% 11/15/2025 DD 11/15/15	6,672,791	7,174,637	
	U S TREASURY NOTE 0.500% 03/31/2025 DD 03/31/20	7,026,564	7,029,217	
	U S TREASURY BOND 3.000% 02/15/2048 DD 02/15/18	5,286,808	6,513,504	
	US TREASURY INFLATION FWD 0.375% 01/15/2027 DD 01/15/17	6,471,503	6,511,838	
	U S TREASURY NOTE 0.125% 11/30/2022 DD 11/30/20	6,369,108	6,375,765	
	U S TREASURY BD CPN STRIP 0.000% 05/15/2039 DD 05/15/09	3,969,728	5,636,105	
	U S TREASURY BOND 3.000% 11/15/2044 DD 11/15/14	5,668,498	5,552,204	
	U S TREASURY BOND 3.125% 11/15/2041 DD 11/15/11	4,037,734	5,084,136	
	U S TREASURY NOTE 2.750% 05/31/2023 DD 05/31/18	4,925,696	5,058,262	
	FEDERAL HOME LN MTG CORP 6.750% 03/15/2031 DD 10/25/00	4,330,852	4,938,296	
	US TREASURY INFLATION FWD 0.875% 02/15/2047 DD 02/15/17	4,610,979	4,658,572	
	FEDERAL NATL MTG ASSN 6.625% 11/15/2030 DD 11/03/00	3,996,060	4,542,360	
	U S TREASURY NOTE 1.125% 02/28/2022 DD 02/29/20	4,512,057	4,502,510	
	UNITED STATES TREASURY FWD 3.125% 02/15/2043 DD 02/15/13	4,460,282	4,472,183	
	U S TREASURY NOTE 2.375% 05/15/2029 DD 05/15/19	4,287,919	4,209,846	
	U S TREASURY NOTE 1.500% 09/30/2024 DD 09/30/19	4,052,999	4,031,528	
	U S TREASURY NOTE 1.750% 06/30/2024 DD 06/30/19	3,852,794	3,857,311	
	U S TREASURY NOTE 0.125% 05/31/2022 DD 05/31/20	3,791,514	3,795,759	
	U S TREASURY NOTE 0.375% 03/31/2022 DD 03/31/20	3,493,008	3,496,013	
	U S TREASURY NOTE 2.750% 04/30/2023 DD 04/30/18	3,304,408	3,462,435	
	UNITED STATES TREASURY FWD 3.625% 08/15/2043 DD 08/15/13	3,331,003	3,341,468	
	U S TREASURY NOTE 0.875% 11/15/2030 DD 11/15/20	3,181,323	3,184,520	
	U S TREASURY BOND 1.250% 05/15/2050 DD 05/15/20	3,286,665	3,170,629	
	U S TREASURY NOTE 2.375% 02/29/2024 DD 02/28/19	3,110,778	3,105,300	
	U S TREASURY NOTE 2.125% 03/31/2024 DD 03/31/17	2,918,769	3,006,762	
	U S TREASURY BOND 3.125% 05/15/2048 DD 05/15/18	2,337,786	2,918,918	
	U S TREASURY BOND 1.375% 08/15/2050 DD 08/15/20	3,029,957	2,898,653	
	U S TREASURY NOTE 2.000% 10/31/2021 DD 10/31/14	2,886,961	2,894,204	
	U S TREASURY NOTE 2.125% 05/31/2026 DD 05/31/19	2,551,983	2,685,533	
	U S TREASURY BOND 3.000% 11/15/2045 DD 11/15/15	2,320,281	2,545,219	
	U S TREASURY NOTE 2.750% 07/31/2023 DD 07/31/18	2,451,756	2,518,002	
	U S TREASURY NOTE 1.875% 04/30/2022 DD 04/30/17	2,409,137	2,501,920	
	U S TREASURY NOTE 1.375% 01/31/2022 DD 01/31/20	2,482,665	2,493,062	
	U S TREASURY NOTE 0.625% 08/15/2030 DD 08/15/20	2,500,992	2,486,250	
	UNITED STATES TREASURY FWD 2.750% 11/15/2042 DD 11/15/12	2,373,250	2,381,480	
	U S TREASURY NOTE 0.125% 08/15/2023 DD 08/15/20	2,291,145	2,293,738	
	U S TREASURY NOTE 3.125% 11/15/2028 DD 11/15/18	2,213,042	2,249,562	
	U S TREASURY NOTE 1.625% 02/15/2026 DD 02/15/16	1,978,431	2,212,267	
	U S TREASURY NOTE 0.125% 07/31/2022 DD 07/31/20	2,209,065	2,210,354	
	U S TREASURY NOTE 0.375% 04/30/2025 DD 04/30/20	2,164,894	2,162,823	
	U S TREASURY NOTE 1.375% 01/31/2025 DD 01/31/20	2,118,624	2,121,350	
	U S TREASURY NOTE 0.250% 07/31/2025 DD 07/31/20	2,105,919	2,103,818	
	U S TREASURY NOTE 0.625% 11/30/2027 DD 11/30/20	2,049,186	2,054,671	
	U S TREASURY NOTE 0.125% 07/15/2023 DD 07/15/20	2,012,150	2,014,053	
	U S TREASURY NOTE 1.875% 06/30/2026 DD 06/30/19	1,918,265	1,904,470	
	U S TREASURY NOTE 0.250% 08/31/2025 DD 08/31/20	1,812,322	1,814,103	
	U S TREASURY NOTE 0.375% 09/30/2027 DD 09/30/20	1,787,785	1,787,285	
	RESOLUTION FDG CORP PRIN STRIP 0.000% 04/15/2030 DD 04/15/90	1,657,550	1,692,612	
	U S TREASURY NOTE 2.250% 04/15/2022 DD 04/15/19	1,661,674	1,669,314	
	U S TREASURY NOTE 0.500% 03/15/2023 DD 03/15/20	1,608,832	1,607,967	
	U S TREASURY BOND 1.625% 11/15/2050 DD 11/15/20	1,603,900	1,603,963	
	U S TREASURY NOTE 0.250% 11/15/2023 DD 11/15/20	1,587,130	1,589,454	
	U S TREASURY NOTE 1.750% 05/15/2023 DD 05/15/13	1,459,846	1,562,265	
	RESOLUTION FDG CORP PRIN STRIP 0.000% 01/15/2030 DD 01/30/91	1,482,884	1,503,154	
	U S TREASURY NOTE 0.500% 08/31/2027 DD 08/31/20	1,439,009	1,426,261	
	U S TREASURY NOTE 2.875% 08/15/2028 DD 08/15/18	1,255,051	1,324,224	
	U S TREASURY NOTE 2.000% 04/30/2024 DD 04/30/17	1,238,985	1,319,600	
	US TREAS-CPI INFLAT 0.250% 02/15/2050 DD 02/15/20	1,196,871	1,230,626	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)

EIN: 13-4922641

Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	U S TREASURY NOTE 0.250% 06/30/2025 DD 06/30/20	\$ 1,213,873	\$ 1,211,914	
	U S TREASURY NOTE 2.125% 07/31/2024 DD 07/31/17	1,078,175	1,196,518	
	FEDERAL NATL MTG ASSN 0.500% 11/07/2025 DD 11/12/20	1,130,937	1,139,744	
	U S TREASURY NOTE 0.625% 05/15/2030 DD 05/15/20	1,084,304	1,060,761	
	U S TREASURY NOTE 2.500% 02/28/2026 DD 02/28/19	915,595	981,102	
	U S TREASURY NOTE 0.625% 03/31/2027 DD 03/31/20	978,656	980,831	
	FEDERAL NATL MTG ASSN 0.750% 10/08/2027 DD 10/09/20	973,606	978,793	
	FEDERAL HOME LN MTG CORP 0.375% 09/23/2025 DD 09/25/20	962,095	963,398	
	US TREASURY INFLATION FWD 0.625% 01/15/2026 DD 01/15/16	937,572	941,473	
	US TREASURY INFLATION FWD 0.875% 01/15/2029 DD 01/15/19	878,829	884,175	
	U S TREASURY NOTE 1.500% 10/31/2024 DD 10/31/19	883,608	880,396	
	U S TREASURY NOTE 2.875% 11/15/2021 DD 11/15/18	813,417	824,119	
	U S TREASURY NOTE 0.375% 11/30/2025 DD 11/30/20	775,078	776,093	
	U S TREASURY NOTE 0.500% 05/31/2027 DD 05/31/20	776,665	772,272	
	U S TREASURY NOTE 2.125% 05/15/2022 DD 05/15/19	751,042	760,232	
	U S TREASURY NOTE 2.250% 08/15/2027 DD 08/15/17	641,764	731,828	
	FEDERAL NATL MTG ASSN 1.875% 09/24/2026 DD 09/27/16	612,404	702,813	
	US TREAS-CPI INFLAT 1.000% 02/15/2048 DD 02/15/18	484,171	595,066	
	U S TREASURY NOTE 2.625% 02/15/2029 DD 02/15/19	564,361	562,505	
	U S TREASURY NOTE 2.875% 07/31/2025 DD 07/31/18	524,740	546,963	
	U S TREASURY NOTE 1.375% 02/15/2023 DD 02/15/20	521,771	533,712	
	U S TREASURY NOTE 0.125% 12/15/2023 DD 12/15/20	418,950	419,509	
	U S TREASURY NOTE 0.250% 09/30/2025 DD 09/30/20	419,102	418,408	
	U S TREASURY NOTE 2.000% 11/15/2026 DD 11/15/16	411,710	408,150	
	FEDERAL NATL MTG ASSN 0.875% 08/05/2030 DD 08/05/20	387,067	382,760	
	US LONG BOND FUTURE (CBT) EXP MAR 21	-	364,969	
	PRIVATE EXPORT FUNDING CORP 3.550% 01/15/2024 DD 01/14/14	298,974	328,035	
	U S TREASURY BOND 5.250% 11/15/2028 DD 11/15/98	312,656	323,587	
	U S TREASURY BOND 1.250% 05/15/2050 DD 05/15/20	299,178	294,837	
	U S TREASURY NOTE 1.625% 05/15/2026 DD 05/15/16	224,125	255,545	
	US TREASURY INFLATION FWD 0.750% 07/15/2028 DD 07/15/18	239,990	241,165	
	U S TREASURY NOTE 2.250% 11/15/2027 DD 11/15/17	169,335	194,318	
	US 10YR ULTRA FUTURE (CBT) EXP MAR 21	-	154,172	
	US LONG BOND FUTURE (CBT) EXP MAR 21	-	137,461	
	U S TREASURY NOTE 1.500% 01/31/2022 DD 01/31/15	110,134	111,632	
	U S TREASURY NOTE 1.625% 08/15/2029 DD 08/15/19	99,259	106,870	
	US TREASURY INFLATION FWD 0.500% 01/15/2028 DD 01/15/18	58,276	58,630	
	US 10YR ULTRA FUTURE (CBT) EXP MAR 21	-	27,164	
	US 10YR NOTE FUTURE (CBT) EXP MAR 21	-	3,914	
	US 2YR TREAS NTS FUT (CBT) EXP MAR 21	-	2,359	
	US 2YR NOTE FUTURE (CBT) EXP DEC 20	-	516	
	U S TREASURY BD CPN STRIP 0.000% 02/15/2040 DD 02/16/10	0	0	
	US 5YR NOTE FUTURE (CBT) EXP MAR 21	-	(242)	
	US 10YR NOTE FUTURE (CBT) EXP MAR 21	-	(10,188)	
	US 10YR NOTE FUTURE (CBT) EXP MAR 21	-	(13,141)	
	US ULTRA BOND FUTURE (CBT) EXP MAR 21	-	(15,719)	
	US LONG BOND FUTURE (CBT) EXP MAR 21	-	(76,188)	
	US 10YR ULTRA FUTURE (CBT) EXP MAR 21	-	(80,328)	
	US ULTRA BOND FUTURE (CBT) EXP MAR 21	-	(819,594)	
	US ULTRA BOND FUTURE (CBT) EXP MAR 21	-	(1,024,945)	
	US TREASURY INFLATION FWD 1.000% 02/15/2049 DD 02/15/19	(4,172,326)	(4,204,106)	
	US TREASURY INFLATION FWD 0.500% 04/15/2024 DD 04/15/19	(10,612,843)	(10,642,556)	
Total U.S. Government Obligations		1,043,955,455	1,133,728,549	
Total Investments		4,594,552,893	5,564,324,623	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
401(h)				
Short-Term Investments				
	CHF (SWISS FRANC)	\$ 3,794,605	\$ 3,794,605	
	GBP (GREAT BRITISH POUNDS)	1,533,090	1,533,090	
	JPY (JAPANESE YEN)	166,625	166,625	
	KRW (SOUTH KOREAN WON)	147,066	147,066	
	EUR (EURO)	56,301	56,301	
	TWD (TAIWAN DOLLAR)	43,218	43,218	
	HKD (HONG KONG DOLLARS)	4,044	4,044	
	JPY (JAPANESE YEN)	3,111	3,066	
	ZAR (SOUTH AFRICAN RAND)	566	586	
	EUR (EURO)	49	47	
	ZAR (SOUTH AFRICAN RAND)	1	1	
	EUR (EURO)	0	0	
	NZD (NEW ZEALAND DOLLAR)	0	0	
	GBP (GREAT BRITISH POUNDS)	0	-	
	KRW (SOUTH KOREAN WON)	0	0	
	CAD (CANADIAN DOLLARS)	0	0	
*	EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10	0	0	
*	EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10	0	0	
*	EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10	-	-	
*	EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10	-	-	
*	EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10	(0)	-	
*	EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10	(16)	(0)	
*	EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10	(1)	(1)	
Total Short-Term Investments		5,748,659	5,748,649	
State and Local Government Obligations				
	UNIV OF CALIFORNIA CA REVENUES 4.767% 05/15/2115 DD 04/08/15	817,612	946,914	
	UNIV OF CALIFORNIA CA RGTS MED 6.548% 05/15/2048 DD 11/18/10	347,146	397,932	
	SALES TAX SECURITIZATION CORP 4.637% 01/01/2040 DD 01/30/19	335,852	384,755	
	SALES TAX SECURITIZATION CORP 3.587% 01/01/2043 DD 12/14/17	328,665	368,928	
	RUTGERS NJ ST UNIV 3.270% 05/01/2043 DD 10/24/19	246,163	336,833	
	PORT AUTH OF NEW YORK & NEW JE 4.926% 10/01/2051 DD 10/06/11	274,460	310,168	
	N TX TOLLWAY AUTH REVENUE 6.718% 01/01/2049 DD 08/12/09	257,178	304,210	
	NEW YORK ST URBAN DEV CORP REV 3.900% 03/15/2033 DD 01/16/19	247,950	304,150	
	NEW YORK ST THRUWAY AUTH 3.500% 01/01/2042 DD 10/30/19	181,793	212,632	
	NEW YORK ST DORM AUTH ST PERSO 3.110% 02/15/2039 DD 01/03/20	145,819	168,483	
	NEW YORK CITY NY MUNI WTR FIN 5.440% 06/15/2043 DD 09/23/10	155,105	163,541	
	MUNI ELEC AUTH OF GEORGIA 6.637% 04/01/2057 DD 03/11/10	119,631	138,731	
	MET TRANSPRTN AUTH NY DEDICATE 7.336% 11/15/2039 DD 04/30/09	109,817	126,916	
	MASSACHUSETTS ST 2.514% 07/01/2041 DD 07/09/20	106,847	111,999	
	KANSAS ST DEV FIN AUTH REVENUE 4.927% 04/15/2045 DD 08/20/15	80,000	87,113	
	CMWLTH FING AUTH PA 4.144% 06/01/2038 DD 10/31/16	65,945	80,916	
	CHICAGO IL TRANSIT AUTH SALES 6.200% 12/01/2040 DD 04/06/10	62,542	72,298	
	CHICAGO IL TRANSIT AUTH SALES 6.899% 12/01/2040 DD 08/06/08	48,940	61,176	
	CALIFORNIA ST 4.600% 04/01/2038 DD 04/25/18	50,000	53,636	
	CALIFORNIA ST 4.500% 04/01/2033 DD 04/25/18	50,000	52,327	
	CALIFORNIA ST 7.600% 11/01/2040 DD 12/01/10	45,000	48,390	
	CALIFORNIA ST 7.550% 04/01/2039 DD 04/28/09	23,588	26,337	
	BAY AREA CA TOLL AUTH TOLL BRI 3.552% 04/01/2054 DD 09/26/19	9,709	12,213	
Total State and Local Government Obligations		4,109,762	4,770,595	
Common/Collective Trusts				
*	JPMCB LONG DURATION INVESTMENT GRADE FUND	97,368,275	176,173,460	
	BNYM-M DB SL ACWI FUND	81,498,023	119,172,364	
Total Common/Collective Trusts		178,866,298	295,345,824	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
Corporate Obligations				
	AT&T INC 144A 3.500% 09/15/2053 DD 09/18/20	\$ 1,941,539	\$ 2,242,291	
	VERIZON COMMUNICATIONS INC 4.812% 03/15/2039 DD 02/03/17	1,667,487	2,172,192	
	COMCAST CORP 3.400% 07/15/2046 DD 07/19/16	990,563	1,260,641	
	MICROSOFT CORP 4.100% 02/06/2037 DD 02/06/17	903,468	1,093,263	
	TIME WARNER CABLE LLC 5.500% 09/01/2041 DD 09/12/11	910,648	1,092,123	
	BERKSHIRE HATHAWAY ENERGY CO 6.125% 04/01/2036 DD 10/01/06	933,663	1,056,777	
	ANHEUSER-BUSCH COS LLC / ANHEU 4.900% 02/01/2046 DD 02/01/19	787,191	1,037,584	
	WELLS FARGO & CO 4.650% 11/04/2044 DD 11/04/14	842,144	1,019,762	
	MEXICO GOVERNMENT INTERNATIONA 5.000% 04/27/2051	839,160	1,008,450	
	ORACLE CORP 5.375% 07/15/2040 DD 07/15/11	800,189	940,095	
	BURLINGTON NORTHERN SANTA FE L 4.150% 04/01/2045 DD 03/09/15	733,413	907,733	
	GE CAPITAL INTERNATIONAL FUNDI 4.418% 11/15/2035 DD 05/15/16	719,026	835,485	
	LOCKHEED MARTIN CORP 3.600% 03/01/2035 DD 02/20/15	635,123	772,870	
	CHARTER COMMUNICATIONS OPERATI 5.375% 05/01/2047 DD 11/01/17	649,272	767,588	
	RAYTHEON TECHNOLOGIES CORP 3.750% 11/01/2046 DD 11/01/16	528,716	652,685	
	ANHEUSER-BUSCH COS LLC / ANHEU 4.700% 02/01/2036 DD 02/01/19	486,818	641,496	
	AT&T INC 144A 3.800% 12/01/2057 DD 12/07/20	642,350	625,919	
	BANK OF AMERICA CORP VAR RT 06/19/2041 DD 06/19/20	594,771	614,721	
	AMGEN INC 3.375% 02/21/2050 DD 02/21/20	552,796	597,745	
	AMAZON.COM INC 3.875% 08/22/2037 DD 02/22/18	494,126	592,548	
	ENERGY TRANSFER LP 6.050% 06/01/2041 DD 05/12/11	535,240	585,575	
	JPMORGAN CHASE & CO VAR RT 11/15/2048 DD 11/10/17	432,849	547,461	
	SUNCOR ENERGY INC 6.500% 06/15/2038 DD 06/28/07	439,972	545,146	
	APPLE INC 3.850% 08/04/2046 DD 08/04/16	426,065	533,678	
	HOME DEPOT INC/THE 4.400% 03/15/2045 DD 06/12/14	438,628	531,732	
	ENTERPRISE PRODUCTS OPERATING 5.100% 02/15/2045 DD 02/12/14	450,186	526,245	
	JOHNSON & JOHNSON 3.700% 03/01/2046 DD 03/01/16	408,050	503,740	
	MICROSOFT CORP 2.525% 06/01/2050 DD 06/01/20	479,434	497,743	
	BANK OF AMERICA CORP VAR RT 03/20/2051 DD 03/20/20	416,295	492,519	
	ABBVIE INC 4.050% 11/21/2039 DD 05/21/20	408,457	490,143	
	ENERGY TRANSFER LP 6.000% 06/15/2048 DD 06/08/18	430,655	483,115	
	ANTHEM INC 4.625% 05/15/2042 DD 05/07/12	401,909	482,447	
	JPMORGAN CHASE & CO VAR RT 02/22/2048 DD 02/22/17	375,624	471,485	
	DISCOVERY COMMUNICATIONS LLC 5.200% 09/20/2047 DD 09/21/17	380,326	467,582	
	LOWE'S COS INC 4.050% 05/03/2047 DD 05/03/17	345,841	463,173	
	DUKE ENERGY PROGRESS LLC 4.100% 05/15/2042 DD 05/18/12	377,014	445,378	
	VIACOMCBS INC 4.375% 03/15/2043 DD 03/15/13	332,637	441,870	
	MCDONALD'S CORP 4.875% 12/09/2045 DD 12/09/15	366,536	441,558	
	GOLDMAN SACHS GROUP INC/THE VAR RT 10/31/2038 DD 10/31/17	360,248	439,322	
	ABBVIE INC 4.250% 11/21/2049 DD 05/21/20	355,170	438,837	
	CVS HEALTH CORP 5.125% 07/20/2045 DD 07/20/15	374,180	437,567	
	DUKE ENERGY CAROLINAS LLC 3.875% 03/15/2046 DD 03/11/16	363,971	436,267	
	COMCAST CORP 4.950% 10/15/2058 DD 10/05/18	303,229	432,704	
	ALABAMA POWER CO 4.300% 01/02/2046 DD 01/13/16	350,870	428,987	
	PACIFICORP 4.125% 01/15/2049 DD 07/13/18	329,261	424,294	
	AMGEN INC 4.563% 06/15/2048 DD 12/15/16	344,192	423,837	
	ORACLE CORP 3.600% 04/01/2050 DD 04/01/20	390,557	419,429	
	NATIONWIDE MUTUAL INSURAN 144A 9.375% 08/15/2039 DD 08/10/09	396,050	409,151	
	REYNOLDS AMERICAN INC 5.850% 08/15/2045 DD 06/12/15	361,138	402,806	
	ABBOTT LABORATORIES 4.750% 11/30/2036 DD 11/22/16	294,959	398,901	
	POTOMAC ELECTRIC POWER CO 4.150% 03/15/2043 DD 03/18/13	335,749	397,574	
	COX COMMUNICATIONS INC 144A 8.375% 03/01/2039 DD 02/20/09	315,877	396,170	
	SHELL INTERNATIONAL FINANCE BV 4.000% 05/10/2046 DD 05/10/16	316,610	390,420	
	OGLETHORPE POWER CORP 5.050% 10/01/2048 DD 04/01/19	307,118	387,292	
	JPMORGAN CHASE & CO VAR RT 04/22/2041 DD 04/22/20	361,854	374,453	
	BRISTOL-MYERS SQUIBB CO 4.250% 10/26/2049 DD 04/26/20	360,506	371,885	
	VIRGINIA ELECTRIC AND POWER CO 4.650% 08/15/2043 DD 08/15/13	311,033	371,841	
	FEDEX CORP 5.250% 05/15/2050 DD 04/07/20	304,026	368,272	
	BROADCOM INC 4.300% 11/15/2032 DD 05/08/20	338,424	367,502	
	QUALCOMM INC 4.300% 05/20/2047 DD 05/26/17	311,242	364,732	
	JPMORGAN CHASE & CO VAR RT 07/24/2038 DD 07/24/17	295,242	359,257	
	ALTRIA GROUP INC 3.875% 09/16/2046 DD 09/16/16	321,986	353,857	
	CONSOLIDATED EDISON CO OF NEW 6.750% 04/01/2038 DD 04/04/08	322,666	351,525	
	MORGAN STANLEY VAR RT 07/22/2038 DD 07/24/17	288,913	351,257	
	WALMART INC 3.950% 06/28/2038 DD 06/27/18	274,802	350,796	
	EXXON MOBIL CORP 4.227% 03/19/2040 DD 03/19/20	298,005	348,698	
	CITIGROUP INC 4.650% 07/30/2045 DD 07/30/15	283,179	348,002	
	DUKE ENERGY INDIANA LLC 4.200% 03/15/2042 DD 03/15/12	295,916	345,166	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	TELEFONICA EMISIONES SA 5.213% 03/08/2047 DD 03/08/17	\$ 293,684	\$ 339,680	
	COMMONWEALTH EDISON CO 6.450% 01/15/2038 DD 01/16/08	302,136	338,983	
	CSX CORP 4.500% 08/01/2054 DD 07/21/14	268,228	338,370	
	AMERICAN TOWER CORP 2.950% 01/15/2051 DD 11/20/20	331,416	335,801	
	DOMINION ENERGY INC 7.000% 06/15/2038 DD 06/17/08	297,537	335,744	
	SEMPRA ENERGY 3.800% 02/01/2038 DD 01/12/18	269,127	330,116	
	ORACLE CORP 4.000% 11/15/2047 DD 11/09/17	284,752	321,071	
	UNUM GROUP 4.500% 12/15/2049 DD 09/11/19	265,482	316,122	
	VODAFONE GROUP PLC 5.250% 05/30/2048 DD 05/30/18	222,000	313,414	
	VERIZON COMMUNICATIONS INC 4.125% 08/15/2046 DD 08/01/16	224,839	312,872	
	WALT DISNEY CO/THE 3.500% 05/13/2040 DD 05/13/20	268,680	311,505	
	MARSH & MCLENNAN COS INC 4.750% 03/15/2039 DD 01/15/19	239,644	309,573	
	VERIZON COMMUNICATIONS INC 4.500% 08/10/2033 DD 08/10/17	245,450	309,143	
	INTEL CORP 4.100% 05/19/2046 DD 05/19/16	248,809	305,496	
	BOEING CO/THE 5.705% 05/01/2040 DD 05/04/20	235,000	304,964	
	CHARTER COMMUNICATIONS OPERATI 6.484% 10/23/2045 DD 10/23/16	284,693	304,109	
	APPLE INC 3.750% 11/13/2047 DD 11/13/17	228,082	302,726	
	T-MOBILE USA INC 144A 4.500% 04/15/2050 DD 04/09/20	252,051	302,181	
	BANK OF AMERICA CORP VAR RT 01/23/2049 DD 01/23/18	225,331	299,983	
	CIGNA CORP 4.800% 08/15/2038 DD 08/15/19	226,936	299,653	
	WILLIAMS COS INC/THE 5.100% 09/15/2045 DD 03/03/15	252,866	296,630	
	MORGAN STANLEY VAR RT 01/22/2031 DD 01/22/20	270,000	293,963	
	CONAGRA BRANDS INC 5.400% 11/01/2048 DD 10/22/18	232,204	292,560	
	UNION PACIFIC CORP 4.100% 09/15/2067 DD 09/19/17	221,420	289,174	
	GENERAL ELECTRIC CO 4.350% 05/01/2050 DD 04/22/20	235,414	285,795	
	GILEAD SCIENCES INC 4.150% 03/01/2047 DD 09/20/16	240,603	280,959	
	VISA INC 4.300% 12/14/2045 DD 12/14/15	224,346	280,797	
	GEORGIA POWER CO 4.300% 03/15/2042 DD 03/06/12	227,305	279,371	
	GOLDMAN SACHS GROUP INC/THE 5.150% 05/22/2045 DD 05/22/15	226,460	278,716	
	ORACLE CORP 3.600% 04/01/2040 DD 04/01/20	241,705	275,230	
	PFIZER INC 4.125% 12/15/2046 DD 11/21/16	224,916	275,188	
	BOSTON SCIENTIFIC CORP 4.550% 03/01/2039 DD 02/25/19	213,892	274,172	
	BRIGHTHOUSE FINANCIAL INC 4.700% 06/22/2047 DD 12/22/17	254,251	271,505	
	DISCOVERY COMMUNICATIONS LLC 4.650% 05/15/2050 DD 05/18/20	216,818	268,911	
	MERCK & CO INC 3.700% 02/10/2045 DD 02/10/15	221,536	267,935	
	VISA INC 2.000% 08/15/2050 DD 08/17/20	276,998	267,414	
	ITC HOLDINGS CORP 5.300% 07/01/2043 DD 07/03/13	236,729	267,160	
	ANHEUSER-BUSCH INBEV WORLDWIDE 4.600% 04/15/2048 DD 04/04/18	212,744	265,734	
	EMERA US FINANCE LP 4.750% 06/15/2046 DD 12/15/16	209,396	262,154	
	CHARTER COMMUNICATIONS OPERATI 3.850% 04/01/2061 DD 12/04/20	259,693	262,119	
	ONCOR ELECTRIC DELIVERY CO LLC 4.550% 12/01/2041 DD 06/01/12	219,134	259,549	
	CVS HEALTH CORP 5.050% 03/25/2048 DD 03/09/18	201,527	257,503	
	PANAMA GOVERNMENT INTERNATIONA 4.500% 04/01/2056 DD 04/01/20	200,000	257,500	
	CLECO CORPORATE HOLDINGS LLC VAR RT 05/01/2046 DD 11/01/16	238,101	257,455	
	TELEFONICA EMISIONES SA 4.895% 03/06/2048 DD 03/06/18	205,280	257,191	
	ANGLO AMERICAN CAPITAL PL 144A 5.625% 04/01/2030 DD 04/01/20	240,850	254,126	
	COLOMBIA GOVERNMENT INTERNATIO 5.200% 05/15/2049	209,500	253,860	
	AT&T INC 144A 3.650% 09/15/2059 DD 09/18/20	215,754	252,435	
	MORGAN STANLEY 4.375% 01/22/2047 DD 01/20/17	207,002	251,848	
	MORGAN STANLEY VAR RT 02/13/2032 DD 11/13/20	250,000	251,788	
	BRISTOL-MYERS SQUIBB CO 2.550% 11/13/2050 DD 11/13/20	245,769	250,133	
	DISCOVERY COMMUNICATIONS LLC 5.300% 05/15/2049 DD 05/21/19	204,466	249,365	
	WALT DISNEY CO/THE 4.750% 11/15/2046 DD 11/15/19	208,612	245,910	
	ROYALTY PHARMA PLC 144A 3.550% 09/02/2050 DD 09/02/20	224,723	245,054	
	ABBVIE INC 4.500% 05/14/2035 DD 05/14/15	193,848	244,934	
	INDONESIA GOVERNMENT INTERNATI 4.450% 04/15/2070 DD 04/15/20	201,000	244,626	
	AMERICAN WATER CAPITAL CORP 4.200% 09/01/2048 DD 08/09/18	199,012	243,229	
	BERKSHIRE HATHAWAY INC 4.500% 02/11/2043 DD 02/11/13	194,506	240,758	
	GE CAPITAL FUNDING LLC 144A 4.550% 05/15/2032 DD 05/18/20	235,964	240,024	
	MERCK & CO INC 3.900% 03/07/2039 DD 03/07/19	189,118	239,938	
	MEXICO GOVERNMENT INTERNATIONA 4.750% 03/08/2044	232,000	237,502	
	INTEL CORP 3.100% 02/15/2060 DD 02/13/20	213,583	236,706	
	TRANSCANADA PIPELINES LTD 4.875% 05/15/2048 DD 05/07/18	186,573	236,639	
	INTERNATIONAL BUSINESS MACHINE 4.250% 05/15/2049 DD 05/15/19	177,446	236,363	
	FEDEX CORP 4.100% 02/01/2045 DD 01/09/15	199,346	235,974	
	ALIBABA GROUP HOLDING LTD 4.000% 12/06/2037 DD 12/06/17	204,640	235,882	
	FORTIVE CORP 4.300% 06/15/2046 DD 06/15/17	205,005	235,320	
	MEXICO GOVERNMENT INTERNATIONA 4.500% 01/31/2050 DD 07/31/19	190,500	234,250	
	NESTLE HOLDINGS INC 144A 4.000% 09/24/2048 DD 09/24/18	172,650	232,852	

American Electric Power System Retirement Plan

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 EIN: 13-4922641 Plan Number: 001

December 31, 2020

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	UNITEDHEALTH GROUP INC 4.250% 04/15/2047 DD 03/13/17	\$ 188,841	\$ 232,456	
	RAYTHEON TECHNOLOGIES CORP 4.200% 12/15/2044 DD 06/15/20	236,246	231,931	
	BANK OF AMERICA CORP VAR RT 01/20/2048 DD 01/20/17	186,426	231,630	
	SOUTHERN COPPER CORP 5.875% 04/23/2045 DD 04/23/15	172,056	231,312	
	COMCAST CORP 4.600% 10/15/2038 DD 10/05/18	176,169	230,620	
	BECTON DICKINSON AND CO 4.669% 06/06/2047 DD 06/06/17	195,643	229,786	
	TENCENT HOLDINGS LTD 144A 3.925% 01/19/2038	185,048	229,782	
	MPLX LP 5.200% 12/01/2047 DD 12/01/19	189,302	229,568	
	AMERICAN INTERNATIONAL GROUP I 4.375% 06/30/2050 DD 05/11/20	174,115	229,140	
	VERIZON COMMUNICATIONS INC 4.522% 09/15/2048 DD 03/13/15	225,895	228,214	
	TENCENT HOLDINGS LTD 144A 3.975% 04/11/2029 DD 04/11/19	200,248	227,876	
	COCA-COLA CO/THE 2.750% 06/01/2060 DD 05/01/20	209,845	226,699	
	APPLE INC 2.950% 09/11/2049 DD 09/11/19	205,999	226,591	
	DIGNITY HEALTH 5.267% 11/01/2064 DD 10/15/14	174,499	223,715	
	PACIFIC GAS AND ELECTRIC CO 3.500% 08/01/2050 DD 06/19/20	220,405	223,630	
	UNITEDHEALTH GROUP INC 3.125% 05/15/2060 DD 05/18/20	184,956	220,562	
	PHILIP MORRIS INTERNATIONAL IN 4.250% 11/10/2044 DD 11/10/14	187,046	220,409	
	UNITEDHEALTH GROUP INC 3.500% 08/15/2039 DD 07/25/19	191,980	220,080	
	HESS CORP 5.600% 02/15/2041 DD 08/10/10	174,136	219,665	
	MORGAN STANLEY VAR RT 01/23/2030 DD 01/23/19	180,000	218,954	
	ANHEUSER-BUSCH INBEV WORLDWIDE 4.375% 04/15/2038 DD 04/04/18	174,122	216,685	
	ENTERPRISE PRODUCTS OPERATING 4.800% 02/01/2049 DD 10/11/18	195,504	214,569	
	METLIFE INC 4.600% 05/13/2046 DD 11/13/15	162,460	213,974	
	EXELON CORP 4.700% 04/15/2050 DD 04/01/20	195,678	212,757	
	PHILIPPINE GOVERNMENT INTERNAT 2.950% 05/05/2045	210,250	210,632	
	WALMART INC 4.050% 06/29/2048 DD 06/27/18	162,777	210,343	
	EXXON MOBIL CORP 4.327% 03/19/2050 DD 03/19/20	160,000	209,482	
	NOBLE ENERGY INC 5.250% 11/15/2043 DD 11/08/13	144,282	208,285	
	SYNGENTA FINANCE NV 144A 5.676% 04/24/2048 DD 04/24/18	177,873	207,834	
	SOUTHERN CO/THE 4.400% 07/01/2046 DD 05/24/16	172,353	207,554	
	PACIFIC GAS AND ELECTRIC CO 3.950% 12/01/2047 DD 11/29/17	207,830	207,266	
	PANAMA GOVERNMENT INTERNATIONA 2.252% 09/29/2032	200,000	206,000	
	NORTHERN STATES POWER CO/MN 3.600% 09/15/2047 DD 09/13/17	145,792	203,308	
	AMAZON.COM INC 2.700% 06/03/2060 DD 06/03/20	187,750	203,175	
	CVS HEALTH CORP 4.780% 03/25/2038 DD 03/09/18	155,336	202,717	
	CONSOLIDATED EDISON CO OF NEW 3.700% 11/15/2059 DD 11/08/19	173,444	202,431	
	PRUDENTIAL FINANCIAL INC 3.700% 03/13/2051 DD 09/13/19	165,121	200,201	
	SOUTHERN CALIFORNIA EDISON CO 4.000% 04/01/2047 DD 03/24/17	177,409	199,682	
	PFIZER INC 2.700% 05/28/2050 DD 05/28/20	187,501	198,747	
	VALERO ENERGY CORP 4.900% 03/15/2045 DD 03/13/15	180,975	198,127	
	DOMINION ENERGY SOUTH CAROLINA 5.100% 06/01/2065 DD 05/22/15	143,046	196,989	
	ANHEUSER-BUSCH INBEV WORLDWIDE 5.450% 01/23/2039 DD 01/23/19	148,341	196,988	
	VIACOMCBS INC 4.850% 07/01/2042 DD 06/20/12	154,308	196,204	
	GENERAL MOTORS CO 5.950% 04/01/2049 DD 09/10/18	143,156	196,101	
	T-MOBILE USA INC 144A 4.375% 04/15/2040 DD 04/09/20	162,774	195,259	
	BOEING CO/THE 3.750% 02/01/2050 DD 07/31/19	182,044	194,544	
	SOUTHERN CALIFORNIA EDISON CO 3.650% 02/01/2050 DD 01/09/20	176,402	193,088	
	BAYER US FINANCE II LLC 144A 4.700% 07/15/2064 DD 07/15/18	160,684	192,970	
	INTERCONTINENTAL EXCHANGE INC 3.000% 09/15/2060 DD 08/20/20	179,007	187,534	
	CVS HEALTH CORP 4.125% 04/01/2040 DD 03/31/20	152,439	185,944	
	BERKSHIRE HATHAWAY FINANCE COR 4.200% 08/15/2048 DD 08/15/18	139,290	184,874	
	BANK OF AMERICA CORP VAR RT 03/15/2050 DD 03/15/19	174,723	181,052	
	ELI LILLY & CO 4.150% 03/15/2059 DD 02/22/19	170,772	180,486	
	DOW CHEMICAL CO/THE 3.600% 11/15/2050 DD 08/26/20	158,816	179,768	
	PEPSICO INC 2.875% 10/15/2049 DD 10/09/19	164,415	179,130	
	GOLDMAN SACHS GROUP INC/THE VAR RT 04/23/2039 DD 04/23/18	139,715	178,975	
	GILEAD SCIENCES INC 2.800% 10/01/2050 DD 09/30/20	178,949	178,637	
	EQUITABLE HOLDINGS INC 5.000% 04/20/2048 DD 10/20/18	129,584	177,815	
	WELLS FARGO & CO VAR RT 04/04/2051 DD 03/30/20	144,529	177,653	
	DOW CHEMICAL CO/THE 4.375% 11/15/2042 DD 11/14/12	150,220	177,587	
	INTERNATIONAL PAPER CO 7.300% 11/15/2039 DD 12/07/09	151,526	176,270	
	COCA-COLA CO/THE 2.500% 06/01/2040 DD 05/01/20	164,919	175,750	
	CHILE GOVERNMENT INTERNATIONAL 3.625% 10/30/2042	162,360	175,313	
	AMAZON.COM INC 4.250% 08/22/2057 DD 02/22/18	132,335	172,417	
	CATERPILLAR INC 3.250% 04/09/2050 DD 04/09/20	144,421	171,255	
	INTERNATIONAL BUSINESS MACHINE 4.150% 05/15/2039 DD 05/15/19	139,808	170,924	
	UNION PACIFIC CORP 4.375% 11/15/2065 DD 10/29/15	138,074	170,703	
	AMGEN INC 3.150% 02/21/2040 DD 02/21/20	156,113	170,626	
	ANHEUSER-BUSCH INBEV WORLDWIDE 5.550% 01/23/2049 DD 01/23/19	148,338	170,624	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	MCDONALD'S CORP 4.450% 09/01/2048 DD 08/15/18	\$ 138,283	\$ 170,180	
	VODAFONE GROUP PLC 5.000% 05/30/2038 DD 05/30/18	129,346	170,097	
	PNC FINANCIAL SERVICES GROUP I 2.550% 01/22/2030 DD 01/22/20	154,566	169,812	
	KAISER FOUNDATION HOSPITALS 4.150% 05/01/2047 DD 05/03/17	138,611	169,315	
	LEIDOS INC 144A 4.375% 05/15/2030 DD 05/12/20	138,851	167,643	
	SHERWIN-WILLIAMS CO/THE 4.500% 06/01/2047 DD 05/16/17	119,001	167,204	
	SOUTHERN CALIFORNIA EDISON CO 3.600% 02/01/2045 DD 01/16/15	148,989	165,722	
	NORFOLK SOUTHERN CORP 3.155% 05/15/2055 DD 05/15/20	147,162	164,652	
	PFIZER INC 3.900% 03/15/2039 DD 03/11/19	141,343	163,344	
	UNITEDHEALTH GROUP INC 3.875% 08/15/2059 DD 07/25/19	124,402	161,836	
	JOHNSON CONTROLS INTERNATIONAL VAR RT 07/02/2044 DD 07/02/16	114,594	160,875	
	VALERO ENERGY CORP 6.625% 06/15/2037 DD 06/08/07	148,157	159,623	
	NATIONAL RURAL UTILITIES COOPE 4.300% 03/15/2049 DD 01/31/19	137,511	158,136	
	SUTTER HEALTH 3.361% 08/15/2050 DD 10/29/20	145,000	157,838	
	XCEL ENERGY INC 3.500% 12/01/2049 DD 11/07/19	134,559	157,818	
	CITIGROUP INC VAR RT 04/24/2048 DD 04/25/17	117,646	157,000	
	EVERGY METRO INC 4.200% 06/15/2047 DD 06/15/17	119,351	156,871	
	TRINITY ACQUISITION PLC 6.125% 08/15/2043 DD 08/15/13	126,761	155,549	
	ROGERS COMMUNICATIONS INC 4.350% 05/01/2049 DD 04/30/19	119,600	155,376	
	HOME DEPOT INC/THE 4.500% 12/06/2048 DD 12/06/18	143,134	154,417	
	HERSHEY CO/THE 3.125% 11/15/2049 DD 10/31/19	134,854	154,316	
	FISERV INC 4.400% 07/01/2049 DD 06/24/19	114,296	154,040	
	METLIFE INC 4.050% 03/01/2045 DD 03/05/15	122,837	153,858	
	CANADIAN NATIONAL RAILWAY CO 3.650% 02/03/2048 DD 02/06/18	121,388	153,436	
	CONSTELLATION BRANDS INC 3.750% 05/01/2050 DD 04/27/20	129,139	153,069	
	ONEOK INC 7.150% 01/15/2051 DD 05/07/20	116,740	151,916	
	NVIDIA CORP 3.500% 04/01/2050 DD 03/31/20	124,678	151,636	
	BAT CAPITAL CORP 3.984% 09/25/2050 DD 09/25/20	145,000	151,313	
	ESTEE LAUDER COS INC/THE 3.125% 12/01/2049 DD 11/21/19	128,699	150,925	
	MASSACHUSETTS INSTITUTE OF TEC 2.989% 07/01/2050 DD 12/20/19	130,029	150,757	
	NORTHROP GRUMMAN CORP 4.030% 10/15/2047 DD 10/13/17	112,740	150,566	
	BANK OF AMERICA CORP VAR RT 04/23/2040 DD 04/23/19	134,707	147,751	
	UNION PACIFIC CORP 3.799% 10/01/2051 DD 10/04/16	118,634	146,849	
	RIO TINTO FINANCE USA LTD 5.200% 11/02/2040 DD 11/02/10	119,350	146,446	
	CONSOLIDATED EDISON CO OF NEW 4.500% 05/15/2058 DD 05/10/18	109,493	145,259	
	ONEOK INC 4.450% 09/01/2049 DD 08/15/19	123,848	145,151	
	GLP CAPITAL LP / GLP FINANCING 5.300% 01/15/2029 DD 09/26/18	125,052	144,619	
	T-MOBILE USA INC 144A 3.300% 02/15/2051 DD 10/06/20	136,584	144,036	
	AMERICAN INTERNATIONAL GROUP I 3.875% 01/15/2035 DD 01/15/15	107,170	143,986	
	EQUINOR ASA 3.625% 04/06/2040 DD 04/06/20	118,886	143,771	
	HOME DEPOT INC/THE 3.125% 12/15/2049 DD 01/13/20	132,158	143,061	
	DUPONT DE NEMOURS INC 5.319% 11/15/2038 DD 11/28/18	105,314	142,213	
	MPLX LP 5.200% 03/01/2047 DD 02/10/17	119,890	139,895	
	VERIZON COMMUNICATIONS INC 1.750% 01/20/2031 DD 11/20/20	139,363	139,300	
	AMAZON.COM INC 4.050% 08/22/2047 DD 02/22/18	107,520	138,647	
	NUTRIEN LTD 5.000% 04/01/2049 DD 04/01/19	106,888	138,297	
	SUTTER HEALTH 3.161% 08/15/2040 DD 10/29/20	130,000	138,070	
	T-MOBILE USA INC 144A 3.600% 11/15/2060 DD 10/28/20	129,669	137,987	
	NORTHERN STATES POWER CO/MN 2.600% 06/01/2051 DD 06/15/20	127,553	137,709	
	TRANE TECHNOLOGIES GLOBAL HOLD 4.300% 02/21/2048 DD 02/21/18	109,614	137,521	
	AETNA INC 4.125% 11/15/2042 DD 11/07/12	120,111	136,368	
	NUTRITION & BIOSCIENCES I 144A 3.468% 12/01/2050 DD 09/16/20	124,989	135,785	
	NATIONWIDE MUTUAL INSURAN 144A 4.350% 04/30/2050 DD 04/30/20	115,444	135,093	
	AMERICAN WATER CAPITAL CORP 3.750% 09/01/2047 DD 08/10/17	103,504	134,728	
	ANHEUSER-BUSCH INBEV FINANCE I 4.000% 01/17/2043 DD 01/17/13	106,173	134,397	
	SIMON PROPERTY GROUP LP 3.250% 09/13/2049 DD 09/13/19	129,481	133,141	
	BERKSHIRE HATHAWAY FINANCE COR 4.250% 01/15/2049 DD 01/11/19	103,940	132,840	
	CHARTER COMMUNICATIONS OPERATI 4.800% 03/01/2050 DD 10/24/19	114,377	131,384	
	ALIMENTATION COUCHE-TARD 144A 3.800% 01/25/2050 DD 01/27/20	110,497	130,323	
	OTIS WORLDWIDE CORP 3.112% 02/15/2040 DD 08/15/20	120,555	130,313	
	IHS MARKIT LTD 4.750% 08/01/2028 DD 07/23/18	104,609	129,311	
	OHIO EDISON CO 6.875% 07/15/2036 DD 06/26/06	128,121	128,803	
	HALLIBURTON CO 4.850% 11/15/2035 DD 11/13/15	114,629	128,373	
	OTIS WORLDWIDE CORP 3.362% 02/15/2050 DD 08/15/20	110,765	127,248	
	LOCKHEED MARTIN CORP 4.090% 09/15/2052 DD 09/07/17	95,333	125,750	
	ALPHABET INC 2.250% 08/15/2060 DD 08/05/20	128,709	125,706	
	BRISTOL-MYERS SQUIBB CO 2.350% 11/13/2040 DD 11/13/20	119,417	123,106	
	COMCAST CORP 3.900% 03/01/2038 DD 02/08/18	99,515	122,383	
	NORFOLK SOUTHERN CORP 4.800% 08/15/2043 DD 08/13/13	111,338	121,356	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	MEDTRONIC INC 4.375% 03/15/2035 DD 03/15/15	\$ 100,175	\$ 121,194	
	ASTRAZENECA PLC 4.375% 11/16/2045 DD 11/16/15	97,949	120,821	
	WALT DISNEY CO/THE 4.625% 03/23/2040 DD 03/23/20	89,790	120,188	
	UNITEDHEALTH GROUP INC 3.750% 10/15/2047 DD 10/25/17	94,122	117,953	
	STARBUCKS CORP 4.500% 11/15/2048 DD 08/10/18	88,484	117,497	
	ERAC USA FINANCE LLC 144A 7.000% 10/15/2037 DD 10/17/07	98,477	116,321	
	ORACLE CORP 3.800% 11/15/2037 DD 11/09/17	94,643	114,746	
	SOUTHERN CALIFORNIA GAS CO 4.125% 06/01/2048 DD 05/15/18	89,906	114,539	
	NORFOLK SOUTHERN CORP 4.150% 02/28/2048 DD 02/28/18	89,587	114,341	
	CATERPILLAR INC 4.750% 05/15/2064 DD 05/08/14	88,305	113,995	
	ROYALTY PHARMA PLC 144A 3.300% 09/02/2040 DD 09/02/20	101,819	110,403	
	JOHNSON CONTROLS INTERNATIONAL STEP 07/02/2064 DD 07/02/2016	86,913	109,822	
	CARRIER GLOBAL CORP 3.377% 04/05/2040 DD 10/05/20	102,053	109,703	
	HCA INC 5.125% 06/15/2039 DD 06/12/19	84,223	108,765	
	EOG RESOURCES INC 4.950% 04/15/2050 DD 04/14/20	79,530	108,436	
	NISOURCE INC 4.375% 05/15/2047 DD 05/22/17	108,039	107,840	
	INTERNATIONAL BUSINESS MACHINE 2.850% 05/15/2040 DD 05/07/20	99,365	107,596	
	CONSOLIDATED EDISON CO OF NEW 3.000% 12/01/2060 DD 11/13/20	104,368	107,009	
	MPLX LP 4.900% 04/15/2058 DD 02/08/18	89,840	106,969	
	BECTON DICKINSON AND CO 3.794% 05/20/2050 DD 05/20/20	95,241	106,907	
	INTERNATIONAL BUSINESS MACHINE 2.950% 05/15/2050 DD 05/07/20	99,171	106,581	
	EQUINOR ASA 4.250% 11/23/2041 DD 11/23/11	88,078	106,573	
	PUGET SOUND ENERGY INC 3.250% 09/15/2049 DD 08/30/19	95,502	105,534	
	CHARTER COMMUNICATIONS OPERATI 5.750% 04/01/2048 DD 04/17/18	78,782	104,675	
	ABBVIE INC 4.300% 05/14/2036 DD 05/12/16	76,791	104,599	
	WILLIAMS COS INC/THE 5.800% 11/15/2043 DD 11/15/13	92,308	104,394	
	BAT CAPITAL CORP 3.734% 09/25/2040 DD 09/25/20	100,000	104,304	
	ANHEUSER-BUSCH INBEV WORLDWIDE 4.350% 06/01/2040 DD 04/03/20	84,946	104,291	
	NOVARTIS CAPITAL CORP 2.750% 08/14/2050 DD 02/14/20	92,826	104,108	
	ALTRIA GROUP INC 4.450% 05/06/2050 DD 05/06/20	96,380	104,036	
	TRANSCANADA PIPELINES LTD 4.625% 03/01/2034 DD 02/28/14	88,190	103,872	
	NORFOLK SOUTHERN CORP 3.050% 05/15/2050 DD 05/11/20	94,777	103,502	
	ONEOK PARTNERS LP 6.850% 10/15/2037 DD 09/28/07	92,593	103,110	
	ALPHABET INC 1.900% 08/15/2040 DD 08/05/20	104,340	103,053	
	FOX CORP 5.476% 01/25/2039 DD 01/25/20	76,084	102,849	
	GILEAD SCIENCES INC 4.500% 02/01/2045 DD 11/17/14	111,210	101,958	
	NEW YORK LIFE INSURANCE C 144A 4.450% 05/15/2069 DD 04/04/19	74,459	100,778	
	PEPSICO INC 3.875% 03/19/2060 DD 03/19/20	73,814	100,483	
	WASTE MANAGEMENT INC 4.150% 07/15/2049 DD 05/22/19	74,904	99,953	
	EXXON MOBIL CORP 3.452% 04/15/2051 DD 04/15/20	85,000	97,146	
	COMCAST CORP 2.450% 08/15/2052 DD 08/25/20	99,210	97,044	
	LEIDOS INC 144A 2.300% 02/15/2031 DD 10/08/20	94,547	96,729	
	EQUINOR ASA 3.700% 04/06/2050 DD 04/06/20	79,412	96,411	
	PRUDENTIAL FINANCIAL INC 3.905% 12/07/2047 DD 12/07/17	86,068	96,284	
	GILEAD SCIENCES INC 2.600% 10/01/2040 DD 09/30/20	94,573	95,916	
	BHP BILLITON FINANCE USA LTD 5.000% 09/30/2043 DD 09/30/13	76,770	95,610	
	PHILLIPS 66 PARTNERS LP 4.900% 10/01/2046 DD 10/14/16	90,580	95,244	
	AMERICAN WATER CAPITAL CORP 3.450% 05/01/2050 DD 04/14/20	83,526	95,036	
	LYB INTERNATIONAL FINANCE III 3.375% 10/01/2040 DD 10/08/20	89,793	94,928	
	CIGNA CORP 3.875% 10/15/2047 DD 04/15/20	76,852	94,763	
	PUGET SOUND ENERGY INC 4.300% 05/20/2045 DD 05/26/15	100,731	94,694	
	HUMANA INC 4.950% 10/01/2044 DD 09/19/14	80,262	94,343	
	UNITEDHEALTH GROUP INC 3.700% 08/15/2049 DD 07/25/19	77,975	94,028	
	CANADIAN NATURAL RESOURCES LTD 6.250% 03/15/2038 DD 03/19/07	82,601	94,000	
	COMCAST CORP 2.800% 01/15/2051 DD 05/28/20	89,323	93,824	
	AMAZON.COM INC 2.500% 06/03/2050 DD 06/03/20	89,079	93,381	
	ENERGY TRANSFER LP 5.400% 10/01/2047 DD 09/21/17	83,434	92,739	
	GLOBAL PAYMENTS INC 4.150% 08/15/2049 DD 08/14/19	92,519	92,482	
	INTERCONTINENTAL EXCHANGE INC 2.650% 09/15/2040 DD 08/20/20	89,645	92,314	
	DEVON ENERGY CORP 5.600% 07/15/2041 DD 07/12/11	75,636	91,724	
	ABBVIE INC 4.750% 03/15/2045 DD 09/15/20	82,358	91,484	
	NIKE INC 3.875% 11/01/2045 DD 10/29/15	71,492	90,861	
	KELLOGG CO 4.500% 04/01/2046 DD 03/07/16	87,786	89,996	
	BAYER US FINANCE II LLC 144A 3.950% 04/15/2045 DD 04/15/18	85,484	89,662	
	CITIGROUP INC VAR RT 01/24/2039 DD 01/24/18	74,966	89,377	
	ABBVIE INC 4.625% 10/01/2042 DD 10/01/20	81,456	88,884	
	WALMART INC 3.625% 12/15/2047 DD 10/20/17	69,894	88,766	
	HALLIBURTON CO 5.000% 11/15/2045 DD 11/13/15	63,885	86,780	
	TYSON FOODS INC 5.100% 09/28/2048 DD 09/28/18	60,162	86,378	

American Electric Power System Retirement Plan

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	VERIZON COMMUNICATIONS INC 2.650% 11/20/2040 DD 11/20/20	\$ 84,921	\$ 85,830	
	JOHNSON & JOHNSON 2.100% 09/01/2040 DD 08/25/20	84,435	85,717	
	PFIZER INC 2.550% 05/28/2040 DD 05/28/20	83,762	85,446	
	CONSOLIDATED EDISON CO OF NEW 3.950% 04/01/2050 DD 03/31/20	69,537	85,287	
	ENERGY TRANSFER LP 5.150% 02/01/2043 DD 01/22/13	74,747	84,816	
	SHERWIN-WILLIAMS CO/THE 3.800% 08/15/2049 DD 08/26/19	77,409	84,377	
	CSX CORP 4.650% 03/01/2068 DD 02/20/18	57,324	84,130	
	EVERGY KANSAS CENTRAL INC 3.250% 09/01/2049 DD 08/19/19	78,281	84,092	
	INTEL CORP 3.250% 11/15/2049 DD 11/21/19	74,957	83,945	
	VIACOMCBS INC 5.850% 09/01/2043 DD 08/19/13	60,109	83,461	
	DH EUROPE FINANCE II SARL 3.400% 11/15/2049 DD 11/07/19	77,650	83,114	
	PFIZER INC 1.700% 05/28/2030 DD 05/28/20	79,751	83,066	
	T-MOBILE USA INC 144A 3.000% 02/15/2041 DD 10/06/20	79,567	82,938	
	ENERGY TRANSFER LP 6.125% 12/15/2045 DD 06/23/15	77,651	82,691	
	RAYTHEON TECHNOLOGIES CORP 4.625% 11/16/2048 DD 08/16/18	77,079	81,456	
	VODAFONE GROUP PLC 4.250% 09/17/2050 DD 09/17/19	69,277	80,506	
	ALTRIA GROUP INC 4.250% 08/09/2042 DD 08/09/12	74,514	80,464	
	UNION PACIFIC CORP 3.950% 08/15/2059 DD 08/05/19	64,482	80,097	
	BANK OF AMERICA CORP VAR RT 04/24/2038 DD 04/24/17	63,212	80,075	
	GENERAL MOTORS CO 5.200% 04/01/2045 DD 11/12/14	62,998	78,938	
	PACIFIC GAS AND ELECTRIC CO 4.500% 07/01/2040 DD 07/02/20	79,540	78,242	
	AETNA INC 3.875% 08/15/2047 DD 08/10/17	57,604	77,524	
	CONSTELLATION BRANDS INC 5.250% 11/15/2048 DD 10/29/18	69,229	77,387	
	NIKE INC 3.375% 11/01/2046 DD 10/21/16	54,561	77,033	
	DEVON ENERGY CORP 5.000% 06/15/2045 DD 06/16/15	61,188	76,562	
	ACE CAPITAL TRUST II 9.700% 04/01/2030 DD 03/31/00	76,125	76,538	
	MCDONALD'S CORP 3.625% 09/01/2049 DD 08/12/19	71,375	76,279	
	WILLIAMS COS INC/THE 6.300% 04/15/2040 DD 02/09/10	69,007	75,807	
	TRANSCANADA PIPELINES LTD 6.100% 06/01/2040 DD 06/01/10	64,604	75,637	
	BOEING CO/THE 3.825% 03/01/2059 DD 02/15/19	70,936	75,170	
	UNITEDHEALTH GROUP INC 4.625% 07/15/2035 DD 07/23/15	63,805	75,040	
	DOW CHEMICAL CO/THE 4.800% 05/15/2049 DD 11/15/19	60,729	74,280	
	HALLIBURTON CO 4.750% 08/01/2043 DD 08/05/13	60,823	73,452	
	TYSON FOODS INC 4.550% 06/02/2047 DD 06/02/17	66,062	73,041	
	BANK OF AMERICA CORP VAR RT 10/22/2030 DD 10/22/19	65,000	71,377	
	MPLX LP 4.700% 04/15/2048 DD 02/08/18	61,664	71,153	
	COMMONWEALTH EDISON CO 4.000% 03/01/2049 DD 02/19/19	54,402	70,407	
	ALTRIA GROUP INC 5.375% 01/31/2044 DD 10/31/13	66,376	70,296	
	LAM RESEARCH CORP 2.875% 06/15/2050 DD 05/05/20	64,829	70,039	
	CONSOLIDATED EDISON CO OF NEW 4.300% 12/01/2056 DD 11/16/16	58,644	69,950	
	COMCAST CORP 4.700% 10/15/2048 DD 10/05/18	56,488	69,857	
	KINDER MORGAN INC 3.250% 08/01/2050 DD 08/05/20	63,887	69,570	
	UNION ELECTRIC CO 4.000% 04/01/2048 DD 04/06/18	54,762	69,320	
	ENERGY TRANSFER LP 5.300% 04/15/2047 DD 01/17/17	62,130	68,502	
	NIKE INC 3.375% 03/27/2050 DD 03/27/20	58,237	68,043	
	MIDAMERICAN ENERGY CO 4.250% 07/15/2049 DD 01/09/19	49,859	67,132	
	S&P GLOBAL INC 2.300% 08/15/2060 DD 08/13/20	68,899	66,622	
	SOUTHWESTERN PUBLIC SERVICE CO 3.150% 05/01/2050 DD 05/18/20	59,722	66,600	
	RAYTHEON TECHNOLOGIES CORP 4.500% 06/01/2042 DD 06/01/12	48,749	65,201	
	TRANE TECHNOLOGIES LUXEMBOURG 4.500% 03/21/2049 DD 03/21/19	56,762	65,182	
	ALABAMA POWER CO 3.450% 10/01/2049 DD 09/17/19	54,816	64,529	
	NUTRITION & BIOSCIENCES I 144A 3.268% 11/15/2040 DD 09/16/20	59,996	64,476	
	AMERICAN INTERNATIONAL GROUP I 4.500% 07/16/2044 DD 07/16/14	48,188	64,069	
	NIKE INC 3.250% 03/27/2040 DD 03/27/20	54,656	63,975	
	WELLS FARGO & CO VAR RT 02/11/2031 DD 02/11/20	60,017	63,664	
	SUNCOR ENERGY INC 6.800% 05/15/2038 DD 05/15/08	60,249	63,131	
	HESS CORP 6.000% 01/15/2040 DD 12/14/09	39,987	61,768	
	FEDEX CORP 4.750% 11/15/2045 DD 10/23/15	50,299	61,167	
	CHARTER COMMUNICATIONS OPERATI 5.125% 07/01/2049 DD 07/10/19	51,742	61,026	
	UNITEDHEALTH GROUP INC 2.900% 05/15/2050 DD 05/18/20	53,450	60,893	
	VERIZON COMMUNICATIONS INC 2.875% 11/20/2050 DD 11/20/20	59,844	60,456	
	JPMORGAN CHASE & CO VAR RT 05/13/2031 DD 05/13/20	55,000	60,312	
	ASTRAZENECA PLC 4.375% 08/17/2048 DD 08/17/18	41,207	60,229	
	INTEL CORP 4.950% 03/25/2060 DD 03/25/20	57,148	59,408	
	GEORGIA POWER CO 4.750% 09/01/2040 DD 08/31/10	45,510	59,107	
	MASTERCARD INC 3.850% 03/26/2050 DD 03/26/20	44,809	58,082	
	SUNCOR ENERGY INC 4.000% 11/15/2047 DD 11/15/17	45,236	55,973	
	UNION PACIFIC CORP 3.839% 03/20/2060 DD 03/20/20	47,070	55,703	
	BURLINGTON NORTHERN SANTA FE L 3.550% 02/15/2050 DD 07/24/19	52,133	55,462	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	CHEVRON CORP 2.978% 05/11/2040 DD 05/11/20	\$ 50,000	\$ 55,354	
	BOSTON SCIENTIFIC CORP 4.700% 03/01/2049 DD 02/25/19	51,824	54,878	
	SOUTHERN CALIFORNIA EDISON CO 5.950% 02/01/2038 DD 01/22/08	51,631	54,343	
	NVIDIA CORP 3.500% 04/01/2040 DD 03/31/20	44,910	54,041	
	LOWE'S COS INC 3.000% 10/15/2050 DD 10/22/20	49,951	53,481	
	ABBVIE INC 4.550% 03/15/2035 DD 09/15/20	48,786	53,101	
	PFIZER INC 4.000% 03/15/2049 DD 03/11/19	51,042	52,573	
	NUTRIEN LTD 4.900% 06/01/2043 DD 12/01/17	41,473	51,208	
	COMCAST CORP 3.200% 07/15/2036 DD 07/19/16	38,173	51,123	
	PACIFIC LIFE INSURANCE CO 144A VAR RT 10/24/2067 DD 10/24/17	44,962	51,075	
	JPMORGAN CHASE & CO VAR RT 01/23/2049 DD 01/23/18	46,812	50,427	
	EASTERN ENERGY GAS HOLDINGS LL 4.600% 12/15/2044 DD 12/08/14	46,158	50,356	
	VODAFONE GROUP PLC 4.375% 02/19/2043 DD 02/19/13	36,140	49,678	
	OGLETHORPE POWER CORP 144A 3.750% 08/01/2050 DD 08/25/20	44,339	48,358	
	FEDEX CORP 4.550% 04/01/2046 DD 03/24/16	38,371	47,601	
	CONSOLIDATED EDISON CO OF NEW 3.875% 06/15/2047 DD 06/08/17	47,336	47,351	
	APPLE INC 2.550% 08/20/2060 DD 08/20/20	44,520	46,282	
	BP CAPITAL MARKETS AMERICA INC 2.939% 06/04/2051 DD 12/04/20	45,000	45,969	
	BOEING CO/THE 3.500% 03/01/2039 DD 02/15/19	42,547	45,526	
	WASTE MANAGEMENT INC 2.500% 11/15/2050 DD 11/17/20	44,549	45,466	
	DEERE & CO 3.750% 04/15/2050 DD 03/30/20	34,999	45,351	
	BOEING CO/THE 5.875% 02/15/2040 DD 07/28/09	44,298	44,542	
	ABBOTT LABORATORIES 4.900% 11/30/2046 DD 11/22/16	45,464	44,475	
	RAYTHEON TECHNOLOGIES CORP 4.450% 11/16/2038 DD 08/16/18	34,794	44,133	
	RAYTHEON TECHNOLOGIES CORP 4.050% 05/04/2047 DD 05/04/17	31,698	43,601	
	EXXON MOBIL CORP 3.095% 08/16/2049 DD 08/16/19	37,738	43,362	
	BALTIMORE GAS AND ELECTRIC CO 2.900% 06/15/2050 DD 06/05/20	39,611	43,068	
	GOLDMAN SACHS GROUP INC/THE 2.600% 02/07/2030 DD 02/07/20	39,986	43,026	
	HOME DEPOT INC/THE 3.300% 04/15/2040 DD 03/30/20	34,690	41,251	
	ONEOK INC 5.200% 07/15/2048 DD 07/02/18	29,366	40,852	
	BURLINGTON NORTHERN SANTA FE L 4.550% 09/01/2044 DD 08/18/14	34,987	40,523	
	OGLETHORPE POWER CORP 5.950% 11/01/2039 DD 11/03/09	37,874	39,642	
	MPLX LP 5.500% 02/15/2049 DD 11/15/18	31,556	39,504	
	EVERGY METRO INC 4.200% 03/15/2048 DD 03/01/18	29,349	38,880	
	PECO ENERGY CO 3.000% 09/15/2049 DD 09/10/19	34,712	38,605	
	MCDONALD'S CORP 4.200% 04/01/2050 DD 03/27/20	31,113	38,568	
	AT&T INC 144A 3.550% 09/15/2055 DD 09/18/20	33,361	37,871	
	FEDEX CORP 4.050% 02/15/2048 DD 01/31/18	31,173	37,471	
	NEW YORK LIFE INSURANCE C 144A 3.750% 05/15/2050 DD 04/14/20	29,817	35,887	
	VERIZON COMMUNICATIONS IN 144A 2.987% 10/30/2056 DD 10/06/20	35,053	35,231	
	NORTHERN STATES POWER CO/MN 2.900% 03/01/2050 DD 09/10/19	29,421	33,827	
	GEORGIA POWER CO 5.650% 03/01/2037 DD 03/13/07	26,392	33,240	
	AMERICAN WATER CAPITAL CORP 2.800% 05/01/2030 DD 04/14/20	30,003	33,116	
	CANADIAN NATURAL RESOURCES LTD 6.450% 06/30/2033 DD 09/16/02	30,048	32,851	
	ORACLE CORP 3.850% 04/01/2060 DD 04/01/20	24,904	30,743	
	QUALCOMM INC 4.800% 05/20/2045 DD 05/20/15	26,753	29,878	
	SEMPRA ENERGY 4.000% 02/01/2048 DD 01/12/18	26,568	29,788	
	GENERAL ELECTRIC CO 4.250% 05/01/2040 DD 04/22/20	25,110	29,555	
	COMMONWEALTH EDISON CO 3.700% 03/01/2045 DD 03/02/15	27,163	29,463	
	BAT CAPITAL CORP 4.758% 09/06/2049 DD 09/06/19	24,239	28,984	
	BAXTER INTERNATIONAL INC 3.500% 08/15/2046 DD 08/15/16	27,271	28,499	
	ANHEUSER-BUSCH INBEV WORLDWIDE 5.800% 01/23/2059 DD 01/23/19	18,173	27,709	
	BERKSHIRE HATHAWAY ENERGY CO 5.150% 11/15/2043 DD 11/08/13	23,823	27,519	
	UNITEDHEALTH GROUP INC 2.750% 05/15/2040 DD 05/18/20	24,271	27,121	
	WALT DISNEY CO/THE 6.400% 12/15/2035 DD 06/15/19	22,938	26,380	
	NORFOLK SOUTHERN CORP 3.942% 11/01/2047 DD 05/01/18	21,095	25,605	
	MARATHON PETROLEUM CORP 6.500% 03/01/2041 DD 09/01/11	18,953	25,509	
	WALT DISNEY CO/THE 3.800% 05/13/2060 DD 05/13/20	22,580	25,410	
	RAYTHEON TECHNOLOGIES CORP 4.150% 05/15/2045 DD 05/04/15	18,524	25,318	
	ORACLE CORP 4.000% 07/15/2046 DD 07/07/16	21,513	24,549	
	MIDAMERICAN ENERGY CO 3.150% 04/15/2050 DD 10/15/19	19,894	22,992	
	UNION ELECTRIC CO 3.250% 10/01/2049 DD 10/01/19	21,543	22,940	
	CHARTER COMMUNICATIONS OPERATI 6.834% 10/23/2055 DD 10/23/16	20,281	22,750	
	COX COMMUNICATIONS INC 144A 6.450% 12/01/2036 DD 12/01/06	20,073	22,305	
	EQUINOR ASA 3.250% 11/18/2049 DD 11/18/19	20,943	22,226	
	NEVADA POWER CO 3.125% 08/01/2050 DD 01/30/20	19,992	22,148	
	ENERGY TRANSFER LP 5.300% 04/01/2044 DD 04/03/14	20,338	21,613	
	ONEOK INC 4.500% 03/15/2050 DD 03/10/20	15,458	20,972	
	BRISTOL-MYERS SQUIBB CO 4.350% 11/15/2047 DD 05/15/20	20,089	20,203	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
EIN: 13-4922641 **Plan Number: 001**

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	SOUTHERN CALIFORNIA EDISON CO 5.625% 02/01/2036 DD 01/31/06	\$ 18,499	\$ 19,122	
	BROADCOM INC 4.150% 11/15/2030 DD 05/08/20	16,379	17,366	
	BOEING CO/THE 5.805% 05/01/2050 DD 05/04/20	10,000	13,782	
	SOUTHERN CALIFORNIA EDISON CO 3.900% 03/15/2043 DD 03/07/13	11,794	13,553	
	CSX CORP 4.250% 11/01/2066 DD 10/18/16	8,820	13,385	
	AMERICAN WATER CAPITAL CORP 4.150% 06/01/2049 DD 05/13/19	11,901	13,241	
	VIACOMCBS INC 4.950% 05/19/2050 DD 05/19/20	9,607	12,953	
	WILLIS NORTH AMERICA INC 3.875% 09/15/2049 DD 09/10/19	10,076	12,193	
	ENERGY TRANSFER LP 6.250% 04/15/2049 DD 01/15/19	11,226	12,096	
	LOWE'S COS INC 4.250% 09/15/2044 DD 09/10/14	11,549	11,971	
	TRANSCONTINENTAL GAS PIPE LINE 4.450% 08/01/2042 DD 07/13/12	10,415	11,638	
	EVERSOURCE ENERGY 3.450% 01/15/2050 DD 01/10/20	10,676	11,386	
	BRISTOL-MYERS SQUIBB CO 4.550% 02/20/2048 DD 02/20/20	6,814	6,974	
	VERIZON COMMUNICATIONS INC 4.862% 08/21/2046 DD 02/21/15	6,085	6,757	
	ALABAMA POWER CO 4.300% 07/15/2048 DD 06/28/18	4,962	6,686	
	VODAFONE GROUP PLC 4.875% 06/19/2049 DD 06/19/19	5,062	6,682	
	JOHNSON CONTROLS INTERNATIONAL 4.500% 02/15/2047 DD 02/07/17	5,986	6,572	
	HESS CORP 7.300% 08/15/2031 DD 08/15/01	5,763	6,542	
	VOYA FINANCIAL INC 4.800% 06/15/2046 DD 06/13/16	5,863	6,338	
	ALIMENTATION COUCHE-TARD 144A 4.500% 07/26/2047 DD 07/26/17	5,493	6,259	
	HALLIBURTON CO 4.500% 11/15/2041 DD 11/14/11	4,289	5,459	
	LOCKHEED MARTIN CORP 2.800% 06/15/2050 DD 05/20/20	4,957	5,406	
	COMMONWEALTH EDISON CO 4.350% 11/15/2045 DD 11/19/15	4,370	5,215	
Total Corporate Obligations		83,242,243	98,415,502	
U.S. Government Obligations				
	U S TREASURY BOND 3.000% 05/15/2047 DD 05/15/17	22,083,618	28,468,742	
	U S TREASURY NOTE 0.625% 05/15/2030 DD 05/15/20	8,638,424	8,495,865	
	U S TREASURY BD PRIN STRIP 0.000% 08/15/2043 DD 08/15/13	4,970,245	7,359,685	
	U S TREASURY BOND 4.375% 05/15/2040 DD 05/15/10	4,552,448	5,210,127	
	U S TREASURY BOND 3.000% 02/15/2048 DD 02/15/18	4,996,351	5,145,902	
	U S TREASURY BOND 2.500% 02/15/2046 DD 02/15/16	3,696,097	4,575,663	
	U S TREASURY BD PRIN STRIP 0.000% 02/15/2040 DD 02/16/10	2,606,648	3,700,905	
	U S TREASURY BOND 3.750% 11/15/2043 DD 11/15/13	2,702,074	3,402,694	
	U S TREASURY BOND 3.000% 02/15/2047 DD 02/15/17	1,965,481	2,578,548	
	U S TREASURY BOND 3.000% 08/15/2048 DD 08/15/18	1,493,608	1,710,163	
	U S TREASURY NOTE 3.125% 11/15/2028 DD 11/15/18	813,398	887,985	
	U S TREASURY BOND 3.000% 02/15/2049 DD 02/15/19	454,317	435,290	
	US TREAS-CPI INFLAT 0.250% 02/15/2050 DD 02/15/20	334,420	343,851	
	US TREAS-CPI INFLAT 1.000% 02/15/2048 DD 02/15/18	119,548	146,930	
	US TREAS-CPI INFLAT 1.000% 02/15/2049 DD 02/15/19	111,321	116,513	
Total U.S. Government Obligations		59,537,999	72,578,863	
Total 401(h) Investments		331,504,961	476,859,433	
Total Investments		\$ 4,926,057,854	\$ 6,041,184,056	

* A party-in-interest, as defined by ERISA.

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 H (Form 5500), Line 4j - Schedule of Reportable Transactions

EIN: 13-4922641

Plan Number: 001

Year ended December 31, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	
Identity of Party Involved	Description of Asset (include interest rate and maturity in case of a loan)	Transaction Count	Purchase Price	Selling Price	Lease Rental	Expense Incurred with Transaction	Cost of Asset	Current Value of Asset on Transaction Date	Net Gain (Loss)
Category (i) - Single Transaction in Excess of the Current Value of 5% of Plan Assets									
	EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10								
		S	\$ -	\$ 30,000,000	\$	\$	\$ 30,000,000	\$ 30,000,000	\$
Category (iii) - a Series of Transactions									
	U S TREASURY BOND 2.000% 02/15/2050 DD 02/15/20	33	\$ 149,303,943	\$ -	\$	\$	-	\$ 149,303,943	\$ -
	U S TREASURY BOND 2.000% 02/15/2050 DD 02/15/20	53	-	156,125,139			149,303,943	156,125,139	6,821,196
	AMERICAN ELECTRIC POWER PROP VAR RT 12/31/2049 DD 07/24/08	1387	1,780,151,518	-			-	1,780,151,518	-
	AMERICAN ELECTRIC POWER PROP VAR RT 12/31/2049 DD 07/24/08	1018	-	1,737,492,805			1,737,492,805	1,737,492,805	-

There were no category (ii) or (iv) reportable transactions.

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Acquired and Disposed of Within Year)

EIN: 13-4922641

Plan Number: 001

December 31, 2020

(a) Identity of issuer, 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
	US ULTRA BOND (CBT) EXP JUN 20	\$ -	\$ 16,277,449
	US TREAS INFLAT INDEXED BONDS 0.875% 02/15/2047 DD 02/28/17	(7,234,883)	8,753,357
	US 5YR NOTE FUTURE (CBT) EXP JUN 20	-	8,172,999
	US TREAS INFLAT INDEXED BONDS 0.875% 02/15/2047 DD 02/28/17	(7,574,470)	7,849,530
	US TREAS INFLAT INDEXED BONDS 0.875% 02/15/2047 DD 02/15/17	(7,856,245)	7,237,020
	US TREASURY INFLATION FWD 0.375% 01/15/2027 DD 01/15/17	(6,382,410)	6,472,797
	US TREASURY INFLATION INDX 0.375% 01/15/2027 DD 01/31/17	(6,383,935)	6,394,311
	US TREAS INFLAT INDEXED FWD 0.375% 01/15/2027 DD 01/31/17	(6,382,761)	6,384,897
	US TREAS INFLAT INDEXED NOTES 0.375% 01/15/2027 DD 01/15/17	(6,290,154)	6,383,587
	US TREASURY INFLATION INDX BND 0.375% 01/15/2027 DD 01/31/17	(6,393,285)	6,383,024
	US TREAS INFLAT INDEXED NOTES 0.375% 01/15/2027 DD 01/15/17	(6,190,190)	6,290,900
	US TREAS INFLAT INDEXED NT FWD 0.375% 01/15/2027 DD 01/15/17	(6,113,347)	6,190,946
	US TREAS INFLAT INDEXED NOTES 0.375% 01/15/2027 DD 01/31/17	(6,096,976)	6,114,233
	US TREAS INFLAT INDEXED NOTES 0.375% 01/15/2027 DD 01/31/17	(5,718,893)	6,097,767
	US TREAS INFLAT INDEXED NOTES 0.375% 01/15/2027 DD 01/31/17	(5,943,912)	6,015,005
	US TREAS INFLAT INDEXED NOTES 0.375% 01/15/2027 DD 01/31/17	(6,022,284)	5,717,631
	US TREAS INFLAT INDEXED BONDS 0.750% 02/15/2045 DD 02/15/15	(5,255,635)	5,508,196
	US TREAS INFLAT INDEXED BOND 0.750% 02/15/2045 DD 02/15/15	(5,306,292)	5,499,690
	US TREAS INFLAT INDEXED FWD 0.750% 02/15/2045 DD 02/27/15	(5,427,103)	5,489,368
	US TREASURY INFLATION INDX BND 0.750% 02/15/2045 DD 02/27/15	(5,487,309)	5,464,291
	US TREAS INFLAT INDEXED BONDS 0.750% 02/15/2045 DD 02/15/15	(5,506,202)	5,429,200
	UNITED STATES TREASURY BOND FW 0.750% 02/15/2045 DD 02/27/15	(5,462,159)	5,428,035
	US TREAS INFLAT INDEXED BONDS 0.750% 02/15/2045 DD 02/27/15	(4,622,905)	5,382,063
	US TREAS INFLAT INDEXED NT FWD 0.750% 02/15/2045 DD 02/15/15	(5,112,598)	5,257,493
	US TREAS INFLAT INDEXED NOTES 0.750% 02/15/2045 DD 02/27/15	(5,380,379)	5,114,437
	US TREAS INFLAT INDEXED NOTES 0.375% 07/15/2027 DD 07/31/17	(4,781,517)	4,783,313
	US TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(4,649,994)	4,770,862
	ZHONGSHENG GROUP HOLDINGS LTD HK/00881	(3,039,939)	4,742,499
	US TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(4,486,821)	4,727,641
	US TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(4,569,765)	4,659,341
	US TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(4,601,487)	4,658,273
	US TREAS INFLAT INDEXED BONDS 0.875% 02/15/2047 DD 02/15/17	(4,394,322)	4,627,071
	US TREAS INFLAT INDEXED BONDS 0.750% 02/15/2045 DD 02/27/15	(4,852,978)	4,623,068
	US TREASURY INFLATION INDEXED 0.875% 02/15/2047 DD 02/15/17	(4,563,647)	4,613,466
	US TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(4,719,712)	4,610,250
	US TREAS INFLAT INDEXED FWD 0.875% 02/15/2047 DD 02/15/17	(4,499,916)	4,598,298
	US TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(4,762,650)	4,577,701
	UNITED STATES TREASURY BOND 3.125% 02/15/2043 DD 02/15/13	(4,651,225)	4,571,298
	US TREASURY INFLATION INDX BND 0.875% 02/15/2047 DD 02/28/17	(4,561,466)	4,564,790
	US TREASURY INFLATION INDX BND 0.875% 02/15/2047 DD 02/28/17	(4,596,393)	4,563,441
	UNITED STATES TREASURY BOND FW 3.125% 02/15/2043 DD 02/15/13	(4,562,901)	4,525,409
	US TREAS INFLAT INDEXED BONDS 0.875% 02/15/2047 DD 02/15/17	(4,625,295)	4,501,633
	US TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(4,273,306)	4,493,927
	UNITED STATES TREASURY BOND 3.125% 02/15/2043 DD 02/15/13	(4,520,530)	4,471,516
	US TREAS INFLAT INDEXED BONDS 0.875% 02/15/2047 DD 02/28/17	(4,268,116)	4,396,106
	US TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(4,076,062)	4,276,220
	US TREAS INFLAT INDEXED BONDS 0.875% 02/15/2047 DD 02/28/17	(4,515,292)	4,270,116
	ADIDAS AG	(3,675,080)	4,139,491
	DOMETIC GROUP AB	(2,048,929)	3,753,763
	US TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(3,477,930)	3,560,925
	US TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(3,333,009)	3,544,631
	PERUVIAN GOVERNMENT INTERNATIO 2.783% 01/23/2031 DD 04/23/2	(3,325,067)	3,540,790
	US TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(3,442,495)	3,484,641
	US TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(3,405,540)	3,475,753
	US TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(3,538,361)	3,449,461
	US TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(3,554,266)	3,412,059
	UNITED STATES TREASURY BOND FW 3.625% 08/15/2043 DD 08/15/13	(3,469,214)	3,405,394
	UNITED STATES TREASURY BOND FW 3.625% 08/15/2043 DD 08/15/13	(3,398,599)	3,380,953
	UNITED STATES TREASURY BOND 3.625% 08/15/2043 DD 08/15/13	(3,376,989)	3,340,219
	US TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(3,218,725)	3,337,997
	US TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(3,061,825)	3,221,348
	AMAZON.COM INC 4.800% 12/05/2034 DD 12/05/14	(2,586,369)	2,827,191
	US TREAS INFLAT INDEXED NOTES 0.875% 01/15/2029 DD 01/15/19	(2,571,624)	2,588,998
	US TREASURY INFLATION FWD 0.750% 02/15/2045 DD 02/15/15	(2,528,200)	2,544,884
	US TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	(2,477,264)	2,539,797
	US TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	(2,381,207)	2,518,592
	US TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	(2,447,382)	2,481,295

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Acquired and Disposed of Within Year)

EIN: 13-4922641

Plan Number: 001

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	US TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	\$ (2,430,119)	\$ 2,481,145
	US TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	(2,514,794)	2,451,593
	US TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	(2,535,777)	2,434,072
	US TREASURY INFLATION INDX BND 2.750% 11/15/2042 DD 11/15/12	(2,477,157)	2,428,583
	UNITED STATES TREASURY BOND FW 2.750% 11/15/2042 DD 11/15/12	(2,424,403)	2,408,506
	US TREAS INFLAT INDEXED NT FWD 0.875% 01/15/2029 DD 01/15/19	(2,369,512)	2,408,073
	US TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	(2,280,951)	2,384,218
	UNITED STATES TREASURY BOND 2.750% 11/15/2042 DD 11/15/12	(2,406,045)	2,378,954
	US TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	(2,170,216)	2,282,102
	US TREASURY INFLATION INDEXED 0.500% 01/15/2028 DD 01/15/18	(2,008,181)	2,019,385
	US TREAS INFLAT INDEXED NOTES 0.500% 01/15/2028 DD 01/31/18	(2,002,377)	2,008,642
	US TREAS INFLAT INDEXED NOTES 0.500% 01/15/2028 DD 01/31/18	(1,859,979)	2,002,784
	US LONG BOND FUTURE (CBT) EXP DEC 20	-	1,998,524
	US TREAS INFLAT INDEXED NOTES 0.500% 01/15/2028 DD 01/31/18	(1,941,754)	1,967,900
	US TREAS INFLAT INDEXED NOTES 0.625% 04/15/2023 DD 04/15/18	(1,952,076)	1,956,818
	US TREAS INFLAT INDEXED NT FWD 0.625% 04/15/2023 DD 04/15/18	(1,936,087)	1,952,802
	US TREAS INFLAT INDEXED NOTES 0.625% 04/15/2023 DD 04/15/18	(1,924,479)	1,936,860
	US TREAS INFLAT INDEXED NOTES 0.625% 04/15/2023 DD 04/15/18	(1,921,357)	1,932,669
	US TREAS INFLAT INDEXED NOTES 0.625% 04/15/2023 DD 04/15/18	(1,887,920)	1,925,182
	US TREAS INFLAT INDEXED NOTES 0.625% 04/15/2023 DD 04/15/18	(1,934,547)	1,888,060
	US TREAS INFLAT INDEXED NOTES 0.500% 01/15/2028 DD 01/31/18	(1,970,079)	1,859,692
	APPLE INC 4.250% 02/09/2047 DD 02/09/17	(1,548,293)	1,718,324
	MICRON TECHNOLOGY INC 4.663% 02/15/2030 DD 07/12/19	(1,517,850)	1,581,114
	PETRONAS CAPITAL LTD 144A 4.550% 04/21/2050 DD 04/21/20	(1,268,791)	1,576,582
	US TREAS INFLAT INDEXED NOTES 0.875% 01/15/2029 DD 01/31/19	(1,285,646)	1,406,433
	US TREAS INFLAT INDEXED NOTES 0.875% 01/15/2029 DD 01/31/19	(1,405,733)	1,401,832
	US TREAS INFLAT INDEXED NOTES 0.875% 01/15/2029 DD 01/31/19	(1,354,122)	1,372,348
	CARRIER GLOBAL CORP 144A 2.722% 02/15/2030 DD 02/27/20	(1,319,772)	1,368,758
	US TREASURY INFLATION INDX BND 0.625% 01/15/2026 DD 01/29/16	(1,308,694)	1,310,096
	US TREAS INFLAT INDEXED NOTES 0.625% 01/15/2026 DD 01/15/16	(1,289,946)	1,309,957
	US TREASURY INFLATION INDX BND 0.625% 01/15/2026 DD 01/29/16	(1,307,434)	1,309,156
	US TREAS INFLAT INDEXED FWD 0.625% 01/15/2026 DD 01/29/16	(1,309,522)	1,307,872
	US TREAS INFLAT INDEXED NOTES 0.625% 01/15/2026 DD 01/15/16	(1,272,298)	1,290,381
	US TREAS INFLAT INDEXED NOTES 0.875% 01/15/2029 DD 01/31/19	(1,373,453)	1,286,078
	PETROLEOS MEXICANOS 144A 6.950% 01/28/2060 DD 01/28/20	(1,781,737)	1,284,794
	US TREAS INFLAT INDEXED NT FWD 0.625% 01/15/2026 DD 01/15/16	(1,257,159)	1,272,722
	US TREAS INFLAT INDEXED NOTES 0.625% 01/15/2026 DD 01/29/16	(1,250,201)	1,257,586
	KEURIG DR PEPPER INC 3.800% 05/01/2050 DD 04/13/20	(1,044,204)	1,256,024
	US TREAS INFLAT INDEXED NOTES 0.625% 01/15/2026 DD 01/29/16	(1,188,406)	1,250,585
	US TREASURY INFLATION FWD 0.625% 01/15/2026 DD 01/15/16	(1,231,849)	1,247,523
	US TREAS INFLAT INDEXED NOTES 0.625% 01/15/2026 DD 01/29/16	(1,229,412)	1,241,990
	LOWE'S COS INC 5.125% 04/15/2050 DD 03/26/20	(1,071,230)	1,235,868
	US TREAS INFLAT INDEXED NOTES 0.625% 01/15/2026 DD 01/29/16	(1,243,215)	1,188,426
	WELLS FARGO & CO VAR RT 02/11/2026 DD 02/11/20	(1,090,052)	1,114,059
	ABU DHABI GOVERNMENT INTE 144A 3.875% 04/16/2050 DD 04/16/20	(797,929)	1,045,890
	OTIS WORLDWIDE CORP 144A 3.362% 02/15/2050 DD 02/27/20	(960,616)	1,026,565
	CITIGROUP INC VAR RT 01/29/2031 DD 01/29/20	(1,024,824)	1,016,775
	FOX CORP 5.576% 01/25/2049 DD 01/25/20	(702,987)	966,850
	ABBVIE INC 144A 3.450% 03/15/2022 DD 03/15/20	(967,228)	966,586
	US TREAS INFLAT INDEXED NOTES 0.500% 01/15/2028 DD 01/15/18	(946,327)	961,962
	QATAR GOVERNMENT INTERNAT 144A 4.400% 04/16/2050 DD 04/16/20	(685,000)	954,350
	BANK OF AMERICA CORP VAR RT 06/19/2026 DD 06/19/20	(915,000)	921,542
	US TREASURY INFLATION FWD 0.875% 01/15/2029 DD 01/15/19	(867,218)	879,425
	US TREASURY INFLATION INDX 0.875% 01/15/2029 DD 01/15/19	(871,048)	871,622
	US TREAS INFLAT INDEXED FWD 0.875% 01/15/2029 DD 01/15/19	(869,990)	871,473
	US TREAS INFLAT INDEXED NOTES 0.875% 01/15/2029 DD 01/15/19	(864,973)	870,401
	US TREASURY INFLATION INDX BND 0.875% 01/15/2029 DD 01/31/19	(871,177)	867,480

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SAUDI GOVERNMENT INTERNAT 144A 4.500% 04/22/2060 DD 04/22/20		\$ (639,085)	\$ 863,438
PERSIMMON PLC		(529,949)	817,076
BAE SYSTEMS PLC 144A 3.400% 04/15/2030 DD 04/14/20		(749,430)	806,889
TRUIST BANK 2.250% 03/11/2030 DD 03/09/20		(843,648)	804,529
NEW YORK LIFE GLOBAL FUND 144A 2.000% 01/22/2025 DD 01/22/20		(757,272)	798,061
DELL INTERNATIONAL LLC / 144A 5.300% 10/01/2029 DD 03/20/19		(783,812)	793,743
GILEAD SCIENCES INC 0.750% 09/29/2023 DD 09/30/20		(789,724)	792,441
US TREAS INFLAT INDEXED NOTES 0.500% 01/15/2028 DD 01/15/18		(782,496)	787,571
T-MOBILE USA INC 144A 3.875% 04/15/2030 DD 04/09/20		(774,623)	786,249
US 10 YR TREAS NTS FUTURE(CBT) EXP JUN 20		-	779,087
PROCTER & GAMBLE CO/THE 2.450% 03/25/2025 DD 03/25/20		(708,871)	758,450
TEXAS INSTRUMENTS INC 1.375% 03/12/2025 DD 03/12/20		(758,868)	731,948
UPJOHN INC 144A 2.700% 06/22/2030 DD 06/22/20		(703,990)	715,219
UNIV OF CALIFORNIA CA REVENUES 0.883% 05/15/2025 DD 07/16/20		(705,000)	709,406
TORONTO-DOMINION BANK/THE 1.150% 06/12/2025 DD 06/12/20		(694,965)	709,137
STATE OF ISRAEL 2.500% 01/15/2030 DD 01/15/20		(677,015)	708,373
RAYTHEON TECHNOLOGIES COR 144A 3.500% 03/15/2027 DD 03/15/20		(699,249)	697,841
T-MOBILE USA INC 144A 2.250% 11/15/2031 DD 10/28/20		(691,876)	695,396
ROYALTY PHARMA PLC 144A 1.200% 09/02/2025 DD 09/02/20		(682,238)	691,386
MORGAN STANLEY VAR RT 04/28/2026 DD 04/28/20		(681,603)	689,662
MEXICO GOVERNMENT INTERNATIONA 3.900% 04/27/2025 DD 04/27/20		(643,455)	684,930
NATIONAL RURAL UTILITIES COOPE 1.750% 01/21/2022 DD 02/05/20		(659,419)	672,949
APPLE INC 3.200% 05/11/2027 DD 05/11/17		(650,400)	646,287
NATIONAL BANK OF CANADA 2.100% 02/01/2023 DD 01/16/20		(614,797)	633,093
COSTCO WHOLESALE CORP 1.600% 04/20/2030 DD 04/20/20		(628,562)	622,347
TAKEDA PHARMACEUTICAL CO LTD 2.050% 03/31/2030 DD 07/09/20		(588,844)	604,292
PETROLEOS MEXICANOS 144A 5.950% 01/28/2031		(895,000)	602,950
ABBVIE INC 144A 3.200% 11/21/2029 DD 11/21/19		(585,450)	592,179
ALPHABET INC 0.800% 08/15/2027 DD 08/05/20		(578,028)	578,828
WELLS FARGO & CO VAR RT 04/30/2026 DD 04/30/20		(555,000)	560,671
ROSS STORES INC 4.800% 04/15/2030 DD 04/06/20		(495,435)	536,939
PACIFIC GAS AND ELECTRIC CO 4.550% 07/01/2030 DD 07/02/20		(532,869)	535,397
NEW YORK LIFE GLOBAL FUND 144A 1.200% 08/07/2030 DD 08/07/20		(539,087)	528,541
STARBUCKS CORP 1.300% 05/07/2022 DD 05/07/20		(519,652)	526,796
INTUIT INC 0.950% 07/15/2025 DD 06/29/20		(519,589)	524,467
MIZUHO FINANCIAL GROUP INC VAR RT 07/10/2024 DD 07/10/20		(505,000)	510,146
JPMORGAN CHASE & CO VAR RT 04/22/2031 DD 04/22/20		(490,000)	507,135
CREDIT SUISSE GROUP AG 144A VAR RT 04/01/2031 DD 04/01/20		(451,343)	507,101
APPLE INC 1.125% 05/11/2025 DD 05/11/20		(499,105)	502,270
OTIS WORLDWIDE CORP 144A 3.112% 02/15/2040 DD 02/27/20		(473,681)	500,836
LEIDOS INC 144A 2.950% 05/15/2023 DD 05/12/20		(473,091)	500,308
ABBVIE INC 144A 3.800% 03/15/2025 DD 03/15/20		(488,557)	489,985
MORGAN STANLEY VAR RT 07/22/2025 DD 07/23/19		(470,671)	486,505
NISSAN MOTOR CO LTD 144A 4.810% 09/17/2030 DD 09/17/20		(480,000)	485,859
CARRIER GLOBAL CORP 144A 3.577% 04/05/2050 DD 02/27/20		(447,662)	475,549
PHILIPPINE GOVERNMENT INTERNAT 3.700% 02/02/2042		(473,500)	466,500
DAIMLER FINANCE NORTH AME 144A 2.125% 03/10/2025 DD 03/10/20		(487,810)	462,085
MEXICO GOVERNMENT INTERNATIONA 3.250% 04/16/2030 DD 01/16/20		(442,045)	458,768
UBS AG/LONDON 144A 1.750% 04/21/2022 DD 04/21/20		(449,411)	454,141
PARTNERS HEALTHCARE SYSTEM INC 3.192% 07/01/2049 DD 01/29/20		(452,333)	448,966
ANALOG DEVICES INC 2.950% 04/01/2025 DD 04/08/20		(435,764)	448,270
PVH CORP 144A 4.625% 07/10/2025 DD 07/10/20		(438,350)	443,749
COSTCO WHOLESALE CORP 1.375% 06/20/2027 DD 04/20/20		(439,010)	439,718
COMCAST CORP 1.500% 02/15/2031 DD 08/25/20		(438,517)	438,984
USAA CAPITAL CORP 144A 1.500% 05/01/2023 DD 04/21/20		(419,479)	432,050
BANK OF AMERICA CORP VAR RT 10/24/2051 DD 10/21/20		(405,000)	427,084
SCHLUMBERGER INVESTMENT SA 2.650% 06/26/2030 DD 06/26/20		(408,393)	420,541

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	CAPITAL ONE BANK USA NA VAR RT 01/27/2023 DD 01/28/20	\$ (415,000)	\$ 416,498
	HYUNDAI CAPITAL AMERICA 144A 1.800% 10/15/2025 DD 09/18/20	(414,216)	416,266
	EAST OHIO GAS CO/THE 144A 2.000% 06/15/2030 DD 06/16/20	(403,761)	415,915
	UPJOHN INC 144A 1.650% 06/22/2025 DD 06/22/20	(404,109)	410,212
	METROPOLITAN LIFE GLOBAL 144A 0.900% 06/08/2023 DD 06/08/20	(404,413)	409,828
	APPLE INC 3.350% 02/09/2027 DD 02/09/17	(408,379)	409,110
	FISERV INC 2.650% 06/01/2030 DD 05/13/20	(389,314)	408,162
	PERNOD RICARD INTERNATION 144A 2.750% 10/01/2050 DD 10/01/20	(404,210)	406,642
	COMCAST CORP 3.950% 10/15/2025 DD 10/05/18	(403,099)	405,083
	AMAZON.COM INC 1.500% 06/03/2030 DD 06/03/20	(404,550)	405,036
	ISRAEL GOVERNMENT INTERNATIONA 3.875% 07/03/2050	(325,000)	403,813
	NEWCREST FINANCE PTY LTD 144A 3.250% 05/13/2030 DD 05/13/20	(398,712)	400,136
	COLOMBIA GOVERNMENT INTERNATIO 3.000% 01/30/2030 DD 01/30/20	(405,523)	398,360
	CARRIER GLOBAL CORP 144A 2.242% 02/15/2025 DD 02/27/20	(395,000)	396,845
	LEIDOS INC 144A 3.625% 05/15/2025 DD 05/12/20	(378,640)	391,973
	INTEL CORP 3.750% 03/25/2027 DD 03/25/20	(349,318)	388,108
	UNITED AIRLINES 2020-1 CLASS A 5.875% 04/15/2029 DD 10/28/20	(380,000)	381,794
	HUNTINGTON BANCSHARES INC/OH 2.550% 02/04/2030 DD 02/04/20	(374,158)	377,919
	JARDINE STRATEGIC HOLDINGS LTD	(340,029)	374,893
	BERRY GLOBAL INC 144A 1.570% 01/15/2026 DD 12/22/20	(369,874)	372,823
	NATWEST MARKETS PLC 144A 2.375% 05/21/2023 DD 05/21/20	(358,852)	372,344
	PROVINCE OF QUEBEC CANADA 1.350% 05/28/2030 DD 05/28/20	(364,726)	370,504
	T-MOBILE USA INC 144A 3.750% 04/15/2027 DD 04/09/20	(362,316)	369,072
	NXP BV / NXP FUNDING LLC 144A 2.700% 05/01/2025 DD 05/01/20	(339,714)	362,362
	BANK OF AMERICA CORP VAR RT 04/29/2031 DD 04/29/20	(345,000)	353,006
	CHILE GOVERNMENT INTERNATIONAL 2.250% 10/30/2022 DD 10/30/12	(342,805)	352,580
	O'REILLY AUTOMOTIVE INC 1.750% 03/15/2031 DD 09/23/20	(343,427)	343,824
	T-MOBILE USA INC 144A 2.050% 02/15/2028 DD 06/24/20	(343,908)	343,465
	YARA INTERNATIONAL ASA 144A 3.148% 06/04/2030 DD 06/04/20	(320,000)	342,010
	ALIMENTATION COUCHE-TARD 144A 2.950% 01/25/2030 DD 01/27/20	(329,604)	333,818
	PACIFIC GAS AND ELECTRIC CO 3.450% 07/01/2025 DD 07/02/20	(326,241)	330,671
	CORP NACIONAL DEL COBRE D 144A 3.150% 01/14/2030 DD 01/14/20	(304,350)	328,256
	MONDELEZ INTERNATIONAL INC 2.625% 09/04/2050 DD 09/04/20	(328,165)	326,238
	NVIDIA CORP 2.850% 04/01/2030 DD 03/31/20	(303,868)	322,016
	ROYAL BANK OF CANADA 1.600% 04/17/2023 DD 04/17/20	(309,802)	319,285
	NISSAN MOTOR CO LTD 144A 3.522% 09/17/2025 DD 09/17/20	(315,000)	315,866
	STARBUCKS CORP 2.000% 03/12/2027 DD 03/12/20	(328,650)	315,066
	BROADCOM INC 144A 4.700% 04/15/2025 DD 04/09/20	(304,970)	314,601
	TSMC GLOBAL LTD 144A 0.750% 09/28/2025 DD 09/28/20	(314,707)	313,375
	CHINA TELECOM CORP LTD HK/00728	(348,670)	312,922
	INTEL CORP 3.700% 07/29/2025 DD 07/29/15	(311,193)	312,441
	CANADIAN IMPERIAL BANK OF COMM 0.950% 06/23/2023 DD 06/23/20	(304,829)	308,251
	DEUTSCHE BANK AG/NEW YORK NY VAR RT 09/18/2031 DD 09/18/20	(296,055)	303,511
	METROPOLITAN LIFE GLOBAL 144A 2.950% 04/09/2030 DD 04/09/20	(269,444)	295,198
	BERKSHIRE HATHAWAY ENERGY 144A 4.050% 04/15/2025 DD 03/24/20	(274,645)	288,372
	DANONE SA	(297,590)	288,211
	AXA SA	(312,501)	287,646
	ALTRIA GROUP INC 3.400% 05/06/2030 DD 05/06/20	(279,129)	284,637
	T-MOBILE USA INC 144A 3.500% 04/15/2025 DD 04/09/20	(274,937)	278,941
	NUTRITION & BIOSCIENCES I 144A 1.832% 10/15/2027 DD 09/16/20	(269,997)	271,936
	QATAR GOVERNMENT INTERNAT 144A 3.750% 04/16/2030 DD 04/16/20	(244,535)	269,010
	DISCOVERY COMMUNICATIONS LLC 3.625% 05/15/2030 DD 05/18/20	(240,000)	265,253
	COMCAST CORP 1.950% 01/15/2031 DD 05/28/20	(254,199)	258,657
	TRUIST BANK 1.500% 03/10/2025 DD 03/09/20	(259,464)	257,530
	US TREAS INFLAT INDEXED BONDS 0.750% 02/15/2045 DD 02/15/15	(256,459)	256,455
	JPMORGAN CHASE & CO VAR RT 01/29/2027 DD 01/29/19	(250,155)	255,839
	LAM RESEARCH CORP 1.900% 06/15/2030 DD 05/05/20	(259,142)	255,146

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EXELON CORP 4.050% 04/15/2030 DD 04/01/20		\$ (244,574)	\$ 251,847
BAE SYSTEMS PLC 144A 1.900% 02/15/2031 DD 09/15/20		(248,080)	249,885
PROGRESSIVE CORP/THE 3.200% 03/26/2030 DD 03/26/20		(225,000)	244,294
SMITHFIELD FOODS INC 144A 3.000% 10/15/2030 DD 09/15/20		(237,211)	239,230
CARREFOUR SA		(251,364)	238,526
BAT INTERNATIONAL FINANCE 144A 3.500% 06/15/2022 DD 06/15/15		(237,579)	237,811
BANCO BRADESCO SA		(284,690)	235,332
PHILIPPINE GOVERNMENT INTERNAT 3.950% 01/20/2040		(217,500)	235,250
BROADCOM INC 144A 4.110% 09/15/2028 DD 05/21/20		(217,148)	231,239
WESTERN MIDSTREAM OPERATING LP 4.500% 03/01/2028 DD 03/02/18		(278,567)	228,250
PIONEER NATURAL RESOURCES CO 1.900% 08/15/2030 DD 08/11/20		(237,371)	227,921
UNIVERSAL HEALTH SERVICES 144A 2.650% 10/15/2030 DD 09/21/20		(224,366)	224,858
NUTRITION & BIOSCIENCES I 144A 1.230% 10/01/2025 DD 09/16/20		(220,000)	221,067
NEWMONT CORP 2.250% 10/01/2030 DD 03/18/20		(222,993)	220,241
TESCO PLC		(198,909)	219,426
CARRIER GLOBAL CORP 144A 2.700% 02/15/2031 DD 06/19/20		(214,914)	215,774
SOUTHERN CALIFORNIA EDISON CO 2.850% 08/01/2029 DD 08/06/19		(207,417)	215,365
FOX CORP 3.050% 04/07/2025 DD 04/07/20		(209,672)	210,853
US TREASURY INFLATION FWD 0.750% 07/15/2028 DD 07/15/18		(209,552)	210,043
EQUITABLE FINANCIAL LIFE 144A 1.400% 07/07/2025 DD 07/07/20		(199,634)	205,544
BERMUDA GOVERNMENT INTERN 144A 2.375% 08/20/2030 DD 08/20/20		(199,770)	204,022
WELLS FARGO & CO VAR RT 05/22/2028 DD 05/22/17		(192,070)	196,227
EQUINIX INC 1.550% 03/15/2028 DD 10/07/20		(194,823)	195,429
NASDAQ INC 3.250% 04/28/2050 DD 04/28/20		(176,576)	187,323
ALLIANCE GLOBAL GROUP INC		(202,089)	185,408
BROADCOM INC 144A 4.150% 11/15/2030 DD 05/08/20		(174,806)	180,299
WILLIS NORTH AMERICA INC 2.950% 09/15/2029 DD 09/10/19		(161,157)	174,992
AIG GLOBAL FUNDING 144A 0.900% 09/22/2025 DD 09/22/20		(169,859)	170,485
COX COMMUNICATIONS INC 144A 2.950% 10/01/2050 DD 09/17/20		(168,623)	169,791
BANK OF MONTREAL 1.850% 05/01/2025 DD 04/27/20		(164,875)	166,818
CAPITAL ONE BANK USA NA VAR RT 01/28/2026 DD 01/28/20		(166,234)	165,251
EMPOWER FINANCE 2020 LP 144A 1.357% 09/17/2027 DD 09/17/20		(160,000)	160,386
DIAMONDBACK ENERGY INC 3.250% 12/01/2026 DD 12/05/19		(156,598)	160,083
PANAMA GOVERNMENT INTERNATIONA 3.750% 03/16/2025 DD 03/16/15		(155,368)	158,413
HUIFU PAYMENT LTD HK/01806		(108,552)	152,388
DELL INTERNATIONAL LLC / 144A 6.020% 06/15/2026 DD 06/01/16		(148,925)	151,756
EXELON GENERATION CO LLC 3.250% 06/01/2025 DD 05/15/20		(144,730)	145,680
MIZUHO FINANCIAL GROUP INC VAR RT 07/10/2031 DD 07/10/20		(135,325)	139,092
ALIMENTATION COUCHE-TARD 144A 3.550% 07/26/2027 DD 07/26/17		(137,881)	137,940
UNITED AIRLINES 2018-1 CLASS A 3.500% 09/01/2031 DD 02/14/18		(153,559)	136,665
ASML HOLDING NV		(114,589)	135,444
US 10YR ULTRA FUTURE (CBT) EXP SEP 20		-	133,304
US 2YR TREAS NTS FUT (CBT) EXP JUN 20		-	130,711
AMGEN INC 1.900% 02/21/2025 DD 02/21/20		(124,745)	124,840
CITIGROUP INC VAR RT 06/03/2031 DD 06/03/20		(120,000)	124,196
SOFTWARE AG		(111,881)	119,151
BANK OF AMERICA CORP VAR RT 04/24/2028 DD 04/24/17		(109,993)	113,044
COMCAST CORP 3.300% 04/01/2027 DD 03/27/20		(99,733)	110,761
OPEN TEXT CORPORATION		(110,917)	110,520
BOLLORE SA		(114,968)	108,305
LINK ADMINISTRATION HOLDINGS L		(110,497)	108,243
PRINCIPAL LIFE GLOBAL FUN 144A 1.500% 08/27/2030 DD 08/27/20		(94,421)	94,257
US 10Y NOTE 1ST W FUT MAR 20 PUT FEB 20 130.500 ED 02/07/20		(61,250)	85,750
CARRIER GLOBAL CORP 144A 3.377% 04/05/2040 DD 02/27/20		(81,579)	82,178
US 10YR NOTE FUTURE (CBT) EXP SEP 20		-	69,226
MAH SING GROUP BHD		(81,521)	62,908
PIAGGIO & C SPA		(38,736)	58,844

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Acquired and Disposed of Within Year)

EIN: 13-4922641

Plan Number: 001

December 31, 2020

(a) Identity of issuer, 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
	US TREASURY INFLATION FWD 0.500% 01/15/2028 DD 01/15/18	\$ (57,506)	\$ 58,294
	US TREASURY INFLATION INDX BND 0.500% 01/15/2028 DD 01/15/18	(57,493)	57,514
	FIRST PACIFIC CO LTD HK/00142	(77,511)	53,264
	DISCOVERY COMMUNICATIONS LLC 6.350% 06/01/2040 DD 06/03/10	(52,149)	51,277
	BANK OF AMERICA CORP VAR RT 03/05/2029 DD 03/05/18	(46,321)	46,243
	ABBVIE INC 144A 4.750% 03/15/2045 DD 03/15/20	(31,767)	32,865
	GAFISA SA RTS	-	31,068
	CAIRO MEZZ PLC	(3,363)	7,033
	NORFOLK SOUTHERN CORP 144A 3.155% 05/15/2055 DD 05/15/20	(871)	894
	US 2YR NOTE FUTURE (CBT) EXP SEP 20	-	813
	SIEMENS ENERGY AG RTS	-	13
	US 5YR NOTE FUTURE (CBT) EXP SEP 20	-	(391)
	US 5YR NOTE FUTURE (CBT) EXP DEC 20	-	(1,801)
	US 10YR NOTE FUTURE (CBT) EXP DEC 20	-	(124,477)
	US ULTRA BOND (CBT) EXP DEC 20	-	(251,570)
	US 10YR ULTRA FUTURE (CBT) EXP DEC 20	-	(342,830)
	US LONG BOND FUTURE (CBT) EXP SEP 20	-	(484,468)
	US ULTRA BOND (CBT) EXP SEP 20	-	(816,694)
	US 10YR ULTRA FUTURE (CBT) EXP JUN 20	-	(2,346,993)
	US TREAS INFLAT INDEXED BONDS 1.000% 02/15/2049 DD 02/28/19	3,675,638	(3,671,529)
	US TREASURY INFLATION INDEXED 1.000% 02/15/2049 DD 02/15/19	6,392,147	(6,451,282)
	US TREAS INFLAT INDEXED BONDS 1.000% 02/15/2049 DD 02/28/19	8,892,958	(8,412,022)
	US TREAS INFLAT INDEXED BONDS 1.000% 02/15/2049 DD 02/28/19	8,406,044	(8,671,199)
	US TREAS INFLAT INDEXED BONDS 1.000% 02/15/2049 DD 02/15/19	9,129,342	(8,930,725)
	US TREASURY INFLATION INDX BND 1.000% 02/15/2049 DD 02/28/19	9,003,996	(8,956,790)
	US TREASURY INFLATION INDX BND 1.000% 02/15/2049 DD 02/28/19	9,080,539	(9,009,116)
	US TREAS INFLAT INDEXED FWD 1.000% 02/15/2049 DD 02/28/19	8,925,952	(9,085,488)
	US TREAS INFLAT INDEXED BONDS 1.000% 02/15/2049 DD 02/15/19	8,666,030	(9,134,274)
	US TREAS INFLAT INDEXED NOTES 0.500% 04/15/2024 DD 04/30/19	10,126,965	(9,812,080)
	US TREAS INFLAT INDEXED NOTES 0.500% 04/15/2024 DD 04/30/19	10,035,959	(10,116,823)
	US TREAS INFLAT INDEXED NOTES 0.500% 04/15/2024 DD 04/30/19	9,811,359	(10,118,861)
	US TREAS INFLAT INDEXED NOTES 0.500% 04/15/2024 DD 04/30/19	10,115,365	(10,171,694)
	US TREAS INFLAT INDEXED NTFWD 0.500% 04/15/2024 DD 04/15/19	10,168,146	(10,275,152)
	US TREAS INFLAT INDEXED NOTES 0.500% 04/15/2024 DD 04/15/19	10,271,701	(10,374,992)
	US TREAS INFLAT INDEXED FWD 0.500% 04/15/2024 DD 04/15/19	10,500,500	(10,487,075)
	US TREASURY INFLATION INDX BND 0.500% 04/15/2024 DD 04/30/19	10,483,461	(10,499,226)
	US TREAS INFLAT INDEXED NOTES 0.500% 04/15/2024 DD 04/15/19	10,371,537	(10,504,167)
	US TREASURY INFLATION INDX BND 0.500% 04/15/2024 DD 04/30/19	10,495,511	(10,518,318)
	US TREASURY INFLATION INDEXED 0.500% 04/15/2024 DD 04/15/19	10,516,106	(10,618,087)
	US TREAS INFLAT INDEXED BONDS 1.000% 02/15/2049 DD 02/28/19	11,970,722	(11,213,974)
	US TREAS BD FUTURE (CBT) EXP JUN 20	-	(11,377,542)
	US TREAS INFLAT INDEXED BONDS 1.000% 02/15/2049 DD 02/28/19	12,105,710	(12,547,223)
	US TREAS INFLAT INDEXED BONDS 1.000% 02/15/2049 DD 02/28/19	10,649,260	(12,873,743)
Total Assets Acquired and Disposed of Within Year		\$ (223,826,477)	\$ 243,971,036

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, 2020

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	6			321	71,109	4,110	7								
25 to 29	26	47,014		969	76,213	6,333	269	90,525	16,419	9					
30 to 34	32	67,521		855	82,851	7,862	551	95,853	21,339	319	105,966	40,316	8		
35 to 39	26	77,436		655	87,108	9,280	424	97,467	25,009	678	108,547	49,833	202	112,900	68,031
40 to 44	13			412	89,191	11,091	304	95,408	28,276	607	107,009	57,352	398	119,889	84,643
45 to 49	19			316	94,096	13,755	243	99,423	33,416	465	108,815	66,806	362	118,076	98,285
50 to 54	8			239	97,597	14,286	155	105,942	36,203	371	108,808	75,858	258	126,861	120,817
55 to 59	6			203	91,780	16,008	114	100,989	40,820	259	106,274	83,680	215	118,861	126,522
60 to 64	8			85	101,361	21,831	66	101,502	46,677	146	110,400	98,494	131	118,447	141,844
65 to 69	1			18			24	88,369	46,476	39	89,435	85,861	32	123,924	176,450
70 & Over				2			7			9			10		

Plan Name: American Electric Power System Retirement Plan
 EIN / PN: 13-4922641/001

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26 Schedule of Active Participant Data as of January 1, 2020

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	6														
40 to 44	132	117,659	98,193	5											
45 to 49	286	121,867	119,084	111	120,895	142,328	4								
50 to 54	261	125,638	136,252	410	129,516	166,457	312	124,113	175,202	17					
55 to 59	255	118,964	148,483	320	109,872	163,006	751	125,871	189,902	674	123,220	199,329	100	114,128	207,758
60 to 64	113	111,203	157,017	187	112,786	179,695	330	112,740	190,836	592	126,055	222,289	513	116,529	214,863
65 to 69	21	110,270	152,893	36	104,220	182,584	42	111,405	181,003	82	123,150	220,638	154	124,291	220,404
70 & Over	4			4			7			8			16		

Plan Name: American Electric Power System Retirement Plan
 EIN / PN: 13-4922641/001
 Plan Sponsor: American Electric Power Service Corporation
 Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Statement of Actuarial Assumptions/Methods

Economic Assumptions

Interest rate basis:

- Applicable month (published) October 2019
- Yield curve basis Segment rates

Funding interest rates:	Reflecting Corridors	Not Reflecting Corridors
■ First segment rate	3.64%	2.79%
■ Second segment rate	5.21%	3.90%
■ Third segment rate	5.94%	4.35%
■ Effective interest rate	5.25%	3.94%

Plan Name: American Electric Power System Retirement Plan
EIN / PN: 13-4922641/001
Plan Sponsor: American Electric Power Service Corporation
Valuation Date January 1, 2020

SCHEDULE SB ATTACHMENTS

Annual rates of increase

■ Compensation:

—	Representative rates	<i>Age</i>	<i>Rate</i>
		< 25	11.50%
		25 – 29	8.50%
		30 – 34	7.00%
		35 – 39	6.00%
		40 – 44	5.00%
		45 – 49	4.50%
		50 – 54	4.00%
		55 – 59	3.75%
		60 – 64	3.50%
		65 – 69	3.25%
		> 70	3.00%
—	Weighted average	5.00%	

- Cash balance crediting rate 4.00%
- Lump sum/annuity conversion rate October 2019 segment rates
- Future Social Security wage bases 3.50%
- Statutory limits on compensation N/A
- Expected rate of return on assets for prior year 5.75%, but not greater than the third segment rate

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.

Plan Name: American Electric Power System Retirement Plan
EIN / PN: 13-4922641/001
Plan Sponsor: American Electric Power Service Corporation
Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

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-2018) and annuitants (based on RP-2000 “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-2018).
- Disabled

Alternative disabled life mortality tables as defined under Revenue Ruling 96-7
- Lump sum/annuity conversion

Applicable 417(e) IRS Mortality Table

Termination

Rates varying by service:

Percentage leaving during the year	
Service	Rate
<3	7.00%
3 – 4	6.00%
5 – 9	5.00%
10 – 14	4.00%
15 – 19	2.50%
20 +	1.50%

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, 2020

SCHEDULE SB ATTACHMENTS

Retirement

Rates varying by age; average retirement age 63:

Percentage retiring during the year	
Age	Rate
55 – 58	4.00%
59	6.00%
60	7.50%
61	9.00%
62 – 64	16.00%
65 – 67	25.00%
68 – 69	20.00%
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

50% lump sum; 50% annuity for retirement eligible East grandfathered participants and 85% lump sum; 15% 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.

Plan Name: American Electric Power System Retirement Plan
EIN / PN: 13-4922641/001
Plan Sponsor: American Electric Power Service Corporation
Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

Spouse age	Wives are assumed to be three years younger than husbands.
Valuation pay	2020 base salary pay (Grandfathered) – not estimated due to freeze of final average pay accruals at December 31, 2010. 2020 expanded pay (Cash Balance) – sum of the following updated one year according to the salary increase assumption: (i) 2020 base salary (ii) a 15% increase for overtime eligible employees and a target bonus percent increase for incentive-eligible employees
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).

Plan Name:	American Electric Power System Retirement Plan
EIN / PN:	13-4922641/001
Plan Sponsor:	American Electric Power Service Corporation
Valuation Date	January 1, 2020

SCHEDULE SB ATTACHMENTS

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

Data Sources

Willis Towers Watson used participant and asset data as of January 1, 2020, supplied by Mercer, the third party administrator for AEP. Data for one group of participants was supplied directly by 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.

Plan Name:	American Electric Power System Retirement Plan
EIN / PN:	13-4922641/001
Plan Sponsor:	American Electric Power Service Corporation
Valuation Date	January 1, 2020

SCHEDULE SB ATTACHMENTS

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 2019, 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, 2020

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 §1.430(h)(3)-1.
Termination	Termination rates are based on an experience study conducted in 2019, 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 decreases in termination rates as employees attained additional years of service.
Retirement	Retirement rates were based on an experience study conducted in 2019, with 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 2019, 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, 2020

SCHEDULE SB ATTACHMENTS

Changes in Assumptions and Methods

Change in assumptions since prior valuation

The following assumptions were updated based on the results of an experience study performed in 2019; rate of compensation increase, termination, retirement, and form of payment.

Plan Name: American Electric Power System Retirement Plan
EIN / PN: 13-4922641/001
Plan Sponsor: American Electric Power Service Corporation
Valuation Date: January 1, 2020

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4j - Schedule of Reportable Transactions

EIN: 13-4922641

Plan Number: 001

Year ended December 31, 2020

(a)	(b)			(c)	(d)	(e)	(f)	(g)	(h)	(i)			
Identity of Party Involved	Description of Asset (include interest rate and maturity in case of a loan)	Transaction Count		Purchase Price	Selling Price	Lease Rental	Expense Incurred with Transaction	Cost of Asset	Current Value of Asset on Transaction Date	Net Gain (Loss)			
Category (i) - Single Transaction in Excess of the Current Value of 5% of Plan Assets													
	EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10												
		S	\$	-	\$	30,000,000	\$	\$	30,000,000	\$	30,000,000	\$	
Category (iii) - a Series of Transactions													
	U S TREASURY BOND 2.000% 02/15/2050 DD 02/15/20	33	\$	149,303,943	\$	-	\$	\$	-	\$	149,303,943	\$	-
	U S TREASURY BOND 2.000% 02/15/2050 DD 02/15/20	53		-		156,125,139			149,303,943		156,125,139		6,821,196
	AMERICAN ELECTRIC POWER PROP VAR RT 12/31/2049 DD 07/24/08	1387		1,780,151,518		-			-		1,780,151,518		-
	AMERICAN ELECTRIC POWER PROP VAR RT 12/31/2049 DD 07/24/08	1018		-		1,737,492,805			1,737,492,805		1,737,492,805		-

There were no category (ii) or (iv) reportable transactions.

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 2020 This Form is Open to Public Inspection
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For calendar plan year 2020 or fiscal plan year beginning 01/01/2020 and ending 12/31/2020

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

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

A Name of plan AMERICAN ELECTRIC POWER SYSTEM RETIREMENT PLAN	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF AMERICAN ELECTRIC POWER SERVICE CORPORATION	D Employer Identification Number (EIN) 13-4922641	
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500	

Part I	Basic Information		
1	Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2020</u>		
2	Assets:		
	2a	Market value..... 5,156,584,961	
	2b	Actuarial value..... 5,096,276,699	
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target
	a For retired participants and beneficiaries receiving payment.....	15,017	2,333,036,493
	b For terminated vested participants	3,575	245,000,985
	c For active participants.....	16,655	1,685,392,207
	d Total.....	35,247	4,263,429,685
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	5.25%
6	Target normal cost.....	6	101,389,545

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	10/05/2021 Date 2006491 Most recent enrollment number 216-937-4000 Telephone number (including area code)
Joseph A. Perko Type or print name of actuary Willis Towers Watson US LLC Firm name 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) 2020 v. 200204

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)	168,455,209	721,752,382
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)	168,455,209	721,752,382
10 Interest on line 9 using prior year's actual return of <u>15.88</u> %	26,750,687	114,614,278
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year)		7,558,372
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>5.43</u> %		410,420
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		7,968,792
d Portion of (c) to be added to prefunding balance		7,968,792
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)	195,205,896	844,335,452

Part III	Funding Percentages
----------	---------------------

14	Funding target attainment percentage.....	14	94 . 84%
15	Adjusted funding target attainment percentage.....	15	119 . 14%
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	96 . 73%
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.....	17	%

Part IV Contributions and Liquidity Shortfalls

18 Contributions made to the plan for the plan year by employer(s) and employees:

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

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

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

20 Quarterly contributions and liquidity shortfalls:

a Did the plan have a "funding shortfall" for the prior year? ☐ Yes ☒ No

b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☐ Yes ☐ No

C If line 20a is "Yes," see instructions and complete the following table as applicable:

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

Part V	Assumptions Used to Determine Funding Target and Target Normal Cost		
21	Discount rate:		
a	Segment rates:	1st segment: 3.64 % 2nd segment: 5.21 % 3rd segment: 5.94 %	☐ N/A, full yield curve used
b	Applicable month (enter code).....	21b	3
22	Weighted average retirement age	22	63
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	101,389,545
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	101,389,545
		Carryover balance	Prefunding balance
35	Balances elected for use to offset funding requirement	101,389,545	0
36	Additional cash requirement (line 34 minus line 35).....	36	0
37	Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....	37	0
38	Present value of excess contributions for current year (see instructions)		
a	Total (excess, if any, of line 37 over line 36)	38a	0
b	Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	0
39	Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37).....	39	0
40	Unpaid minimum required contributions for all years	40	0
Part IX	Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)		
41	If an election was made to use PRA 2010 funding relief for this plan:		
a	Schedule elected	☐ 2 plus 7 years ☐ 15 years	
b	Eligible plan year(s) for which the election in line 41a was made	☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011	

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 22 Description of Weighted Average Retirement Age as of January 1, 2020

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	0.04	1,000	40.00	2,200.00
56	0.04	960	38.40	2,150.40
57	0.04	922	36.86	2,101.25
58	0.04	885	35.39	2,052.59
59	0.06	849	50.96	3,006.69
60	0.08	798	59.88	3,592.74
61	0.09	739	66.47	4,054.40
62	0.16	672	107.53	6,666.65
63	0.16	565	90.32	5,690.31
64	0.16	474	75.87	4,855.73
65	0.25	398	99.58	6,472.73
66	0.25	299	74.69	4,929.23
67	0.25	224	56.01	3,752.94
68	0.20	168	33.61	2,285.37
69	0.20	134	26.89	1,855.18
70	1.00	108	<u>107.55</u>	7,528.28
			1,000.00	63,194.46
63,194.46 / 1,000 = 63				

Plan Name: American Electric Power System Retirement Plan
EIN / PN: 13-4922641/001
Plan Sponsor: American Electric Power Service Corporation
Valuation Date: January 1, 2020

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, 2020
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, 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 December 31, 2019.
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.

Plan Name:	American Electric Power System Retirement Plan
EIN / PN:	13-4922641/001
Plan Sponsor:	American Electric Power Service Corporation
Valuation Date	January 1, 2020

SCHEDULE SB ATTACHMENTS

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.
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.

Plan Name:	American Electric Power System Retirement Plan
EIN / PN:	13-4922641/001
Plan Sponsor:	American Electric Power Service Corporation
Valuation Date	January 1, 2020

SCHEDULE SB ATTACHMENTS

Interest credits

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

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

Minimum of 4%.

Company credits

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

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

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

Monthly Grandfathered Benefit

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.

Plan Name: American Electric Power System Retirement Plan
EIN / PN: 13-4922641/001
Plan Sponsor: American Electric Power Service Corporation
Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

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.

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.

Plan Name: American Electric Power System Retirement Plan
EIN / PN: 13-4922641/001
Plan Sponsor: American Electric Power Service Corporation
Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

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, 2020

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.

Plan Name: American Electric Power System Retirement Plan
EIN / PN: 13-4922641/001
Plan Sponsor: American Electric Power Service Corporation
Valuation Date January 1, 2020

SCHEDULE SB ATTACHMENTS

- Employees hired on or after January 1, 2001 The following are available for those hired on or after January 1, 2001:
 - Full lump sum payment.
 - Combination of partial lump sum (25%, 50% or 75% of full lump sum) with remainder paid as a monthly benefit (see below).
 - Monthly payment:
 - Single life annuity.
 - Joint annuities (spouse or other beneficiary).
 - Available in 50%, 75%, 100%.

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

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

Pension Increases None.

Plan Participants' Contributions

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

Plan Name: American Electric Power System Retirement Plan
EIN / PN: 13-4922641/001
Plan Sponsor: American Electric Power Service Corporation
Valuation Date January 1, 2020

SCHEDULE SB ATTACHMENTS

Maximum on benefits and pay All benefits and pay for any calendar year may not exceed the maximum limitations for that year as defined in the Internal Revenue Code. The plan provides for increasing the dollar limits automatically as such changes become effective. Increases in the dollar limits are assumed for determining pension cost but not for determining contributions.

Benefits not valued A small portion of the population made employee contributions to the plan. Because the amount of these contributions is not material to the plan, they are not part of the valuation.

Participants who were employees of Columbus Southern Power (CSP) at the time AEP acquired that company have a frozen benefit under the CSP benefit formula at December 31, 1986. Benefits for these participants are the greater of an all-service AEP benefit and a two-part benefit consisting of the frozen CSP benefit plus an AEP benefit accrued from January 1, 1987. Because this applies to a small portion of the population and the CSP frozen benefit is not often the greater benefit for these participants, this benefit is not valued.

Plan status Ongoing.

Future Plan Changes

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

Changes in Benefits Valued Since Prior Year

We understand that the Plan was amended on December 31, 2019 to allow Employees of AEP Energy, Inc. to begin accruing benefits under the cash balance formula effective January 1, 2020.

Plan Name: American Electric Power System Retirement Plan
EIN / PN: 13-4922641/001
Plan Sponsor: American Electric Power Service Corporation
Valuation Date: January 1, 2020

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

Plan Name:	American Electric Power System Retirement Plan
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Plan Sponsor:	American Electric Power Service Corporation
Valuation Date	January 1, 2020

SCHEDULE SB ATTACHMENTS

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 65th birthday.

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

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

Cash balance benefit Cash Balance Account converted to a monthly annuity

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

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

Minimum of 4%.

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

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

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

Plan Name: American Electric Power System Retirement Plan
EIN / PN: 13-4922641/001
Plan Sponsor: American Electric Power Service Corporation
Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

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:
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.

Plan Name: American Electric Power System Retirement Plan
EIN / PN: 13-4922641/001
Plan Sponsor: American Electric Power Service Corporation
Valuation Date: January 1, 2020

SCHEDULE SB ATTACHMENTS

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.
-------------------------	---

Preretirement death	Beneficiary of participant who dies after becoming vested.
----------------------------	--

Plan Name:	American Electric Power System Retirement Plan
EIN / PN:	13-4922641/001
Plan Sponsor:	American Electric Power Service Corporation
Valuation Date	January 1, 2020

SCHEDULE SB ATTACHMENTS

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, 2020

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.

Plan Name:	American Electric Power System Retirement Plan
EIN / PN:	13-4922641/001
Plan Sponsor:	American Electric Power Service Corporation
Valuation Date	January 1, 2020

SCHEDULE SB ATTACHMENTS

Other Plan Provisions

Form of payment

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

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

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

Plan Name: American Electric Power System Retirement Plan
EIN / PN: 13-4922641/001
Plan Sponsor: American Electric Power Service Corporation
Valuation Date: January 1, 2020

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 Factors as specified in Tables I, II, III and IV of Exhibit A to the American Electric Power System Retirement Plan document. 7.50% interest and the 1951 Group Annuity male mortality table to the extent not covered by Tables I, II, III and IV.

Pension Increases None.

Member Contributions None.

Maximum on benefits and pay All benefits and pay for any calendar year may not exceed the maximum limitations for that year as defined in the Internal Revenue Code. The plan provides for increasing the dollar limits automatically as such changes become effective. Increases in the dollar limits are assumed for determining pension cost but not for determining contributions.

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

Future Plan Changes

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

Changes in Benefits Valued Since Prior Year

None.

Plan Name: American Electric Power System Retirement Plan
EIN / PN: 13-4922641/001
Plan Sponsor: American Electric Power Service Corporation
Valuation Date: January 1, 2020

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
	Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value
Short-Term Investments				
	DBS BANK LTD DISC 03/23/2021		\$ 3,296,554	\$ 3,296,554
	DBS BANK LTD DISC 02/19/2021		2,597,846	2,597,846
	COLLATERALIZED CP DISC 03/16/2021		2,513,263	2,513,263
	MANHATTAN AST FDG DISC 02/19/2021		2,148,901	2,148,901
	SOCIETE GENERALE DISC 04/05/2021		1,997,911	1,997,911
	NATIXIS NY BRH DISC 04/05/2021		1,968,207	1,968,207
	OVERSEA-CHINESE DISC 02/19/2021		1,798,860	1,798,860
	EXXON CORP DISC 04/12/2021		1,698,319	1,698,319
	TOYOTA MTR CR CP DISC 04/19/2021		1,698,277	1,698,277
	SVENSKA HDLSBK AB DISC 04/16/2021		1,698,225	1,698,225
	SKANDINAVISKA ENS DISC 04/19/2021		1,698,205	1,698,205
	MUFG BANK LTD NY DISC 02/17/2021		1,598,631	1,598,631
	NORDEA BANK ABP DISC 02/22/2021		1,598,536	1,598,536
	SUMITOMO MTSU BKG DISC 02/08/2021		1,499,025	1,499,025
	AUSTRALIA & NZ BK DISC 03/09/2021		1,498,695	1,498,695
	STARBIRD FDG CORP DISC 04/05/2021		1,498,508	1,498,508
	NIEUW AMSTERDAM DISC 01/06/2021		1,429,163	1,429,163
	WESTPAC BANKING DISC 03/17/2021		1,399,283	1,399,283
	METLIFE SHORT DISC 02/22/2021		1,398,845	1,398,845
	LMA SA & LMA AMER DISC 03/15/2021		1,398,443	1,398,443
	SVENSKA HDLSBK AB DISC 05/17/2021		1,398,390	1,398,390
	FAIRWAY FIN CORP DISC 06/02/2021		1,398,372	1,398,372
	NATIONAL BK CANADA DISC 03/01/2021		1,299,115	1,299,115
	OLD LINE FDG CORP DISC 04/15/2021		1,298,772	1,298,772
	NORDEA BANK ABP DISC 01/14/2021		1,298,439	1,298,439
	STARBIRD FDG CORP DISC 03/15/2021		1,199,333	1,199,333
	AUSTRALIA & NZ BK DISC 02/26/2021		1,198,841	1,198,841
	OLD LINE FDG CORP DISC 01/25/2021		1,198,362	1,198,362
	NATIXIS NY BRH DISC 03/24/2021		1,148,658	1,148,658
	EXXON CORP DISC 02/08/2021		1,099,043	1,099,043
	LMA SA & LMA AMER DISC 02/18/2021		1,098,803	1,098,803
	ATLANTIC ASSET DISC 02/02/2021		998,979	998,979
	SOCIETE GENERALE DISC 05/18/2021		998,844	998,844
	SKANDINAVISKA ENS DISC 03/25/2021		998,822	998,822
	NATIXIS NY BRH DISC 01/13/2021		998,787	998,787
	Pending Trades, Interest, and Dividends		-	(3,516,721)
Total Short-Term Investments			54,065,258	50,548,537

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
State and Local Government Obligations				
	CALIFORNIA ST 7.350% 11/01/2039 DD 11/10/09	\$ 4,844,274	\$ 5,688,720	
	CALIFORNIA ST 7.600% 11/01/2040 DD 12/01/10	2,244,847	2,704,126	
	PORT AUTH OF NEW YORK & NEW JE 3.287% 08/01/2069 DD 08/16/19	2,499,426	2,642,678	
	UNIV OF CALIFORNIA CA RGTS MED 6.583% 05/15/2049 DD 12/17/09	2,186,498	2,623,428	
	CALIFORNIA ST 4.600% 04/01/2038 DD 04/25/18	2,416,498	2,530,968	
	LOS ANGELES CA UNIF SCH DIST 5.750% 07/01/2034 DD 10/15/09	1,865,802	2,165,578	
	BAY AREA CA TOLL AUTH TOLL BRI 7.043% 04/01/2050 DD 07/01/10	1,570,493	1,977,091	
	N TX TOLLWAY AUTH REVENUE 6.718% 01/01/2049 DD 08/12/09	1,423,370	1,709,862	
	CHICAGO IL TRANSIT AUTH SALES 6.899% 12/01/2040 DD 08/06/08	1,582,212	1,610,565	
	UNIV OF TEXAS TX UNIV REVENUES 2.439% 08/15/2049 DD 05/29/20	1,570,000	1,593,079	
	AMERICAN MUNI PWR-OHIO INC OH 5.939% 02/15/2047 DD 09/29/10	1,383,712	1,582,047	
	NEW YORK CITY NY MUNI WTR FIN 5.440% 06/15/2043 DD 09/23/10	1,463,925	1,574,287	
	SALES TAX SECURITIZATION CORP 3.587% 01/01/2043 DD 12/14/17	1,535,134	1,558,470	
	NEW YORK CITY NY MUNI WTR FIN 5.440% 06/15/2043 DD 09/23/10	1,406,360	1,521,050	
	CALIFORNIA ST 7.600% 11/01/2040 DD 12/01/10	1,423,055	1,492,244	
	UNIV OF CALIFORNIA CA REVENUES 4.858% 05/15/2112 DD 03/01/12	1,426,947	1,485,504	
	ALAMEDA CNTY CA JT PWRS AUTH L 7.046% 12/01/2044 DD 11/04/10	1,232,416	1,456,406	
	CALIFORNIA ST 7.500% 04/01/2034 DD 04/28/09	1,218,640	1,424,994	
	MUNI ELEC AUTH OF GEORGIA 6.637% 04/01/2057 DD 03/11/10	1,237,441	1,385,403	
	UNIV OF VIRGINIA VA UNIV REVEN 2.256% 09/01/2050 DD 07/21/20	1,355,000	1,341,423	
	CALIFORNIA ST 7.550% 04/01/2039 DD 04/28/09	1,024,699	1,193,944	
	PORT AUTH OF NEW YORK & NEW JE 4.926% 10/01/2051 DD 10/06/11	813,919	1,072,240	
	UNIV OF MICHIGAN MI 2.437% 04/01/2040 DD 06/16/20	985,000	1,044,080	
	PORT AUTH OF NEW YORK & NEW JE 4.229% 10/15/2057 DD 05/09/17	801,891	1,012,385	
	NEW YORK CITY NY MUNI WTR FIN 5.882% 06/15/2044 DD 11/18/10	985,654	980,729	
	NEW YORK ST URBAN DEV CORP REV 5.770% 03/15/2039 DD 12/01/09	845,398	910,791	
	NEW YORK ST DORM AUTH ST PERSO 3.110% 02/15/2039 DD 01/03/20	767,676	816,683	
	MET TRANSPRTN AUTH NY DEDICATE 7.336% 11/15/2039 DD 04/30/09	797,894	799,995	
	CALIFORNIA ST 7.300% 10/01/2039 DD 10/15/09	711,615	759,290	
	UNIV OF CALIFORNIA CA REVENUES 5.946% 05/15/2045 DD 09/30/10	515,281	733,689	
	PORT AUTH OF NEW YORK & NEW JE 4.458% 10/01/2062 DD 10/10/12	705,289	718,384	
	MASSACHUSETTS ST SCH BLDG AUTH 1.753% 08/15/2030 DD 07/15/20	688,804	694,158	
	N TX TOLLWAY AUTH REVENUE 6.718% 01/01/2049 DD 08/12/09	631,542	650,303	
	NEW YORK ST THRUWAY AUTH 3.500% 01/01/2042 DD 10/30/19	615,411	648,887	
	CHICAGO IL 4.864% 12/01/2022 DD 08/26/10	591,640	594,041	
	TEXAS ST TRANSPRTN COMMISSIONS 5.178% 04/01/2030 DD 08/05/10	509,701	554,502	
	UNIV OF CALIFORNIA CA RGTS MED 6.548% 05/15/2048 DD 11/18/10	426,129	469,310	
	FLORIDA ST BRD OF ADMIN FIN CO 1.258% 07/01/2025 DD 09/16/20	445,000	455,195	
	KANSAS ST DEV FIN AUTH REVENUE 4.927% 04/15/2045 DD 08/20/15	379,887	387,446	
	CHICAGO IL TRANSIT AUTH SALES 6.899% 12/01/2040 DD 08/06/08	331,472	333,465	
	CALIFORNIA ST 1.750% 11/01/2030 DD 11/03/20	287,508	293,188	
	MASSACHUSETTS ST 2.514% 07/01/2041 DD 07/09/20	225,000	235,472	
	RUTGERS NJ ST UNIV 3.270% 05/01/2043 DD 10/24/19	210,000	225,269	
	RUTGERS NJ ST UNIV 3.270% 05/01/2043 DD 10/24/19	200,201	214,542	
	BAY AREA CA TOLL AUTH TOLL BRI 3.552% 04/01/2054 DD 09/26/19	180,000	193,559	
Total State and Local Government Obligations		50,562,657	56,059,469	
Common/Collective Trusts				
*	BNYM-M DB SL ACWI FUND	382,894,288	632,805,277	
*	EB TEMP INV FD VAR RT 12/31/49 FEE CL 00	57,104,937	57,104,937	
Total Common/Collective Trusts		439,999,225	689,910,214	
Commingled Fund - Vontobel India - CL 1 SC A RED (103-12 Investment Entity)				
	HDFC BANK LIMITED	1,110,645	1,651,340	
	TATA CONSULTANCY SERVICES LIMITED	2,734,522	4,065,770	
	HCL TECHNOLOGIES	2,915,738	4,335,208	
	HOUSING DEVELOPMENT FINANCE CORPORATION LIMITED	1,793,605	2,666,786	
	KOTAK MAHINDRA BANK LTD	2,059,144	3,061,598	
	ASIAN PAINTS LTD	535,010	795,469	
	EICHER MOTORS LTD	808,143	1,201,571	
Total Commingled Fund		11,956,807	17,777,742	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value		Cost	Current value
Partnership/Joint Venture Interests				
	LAZARD EMERGING MKTS	\$	55,065,005	\$ 55,675,748
	BRIGADE CREDIT OFFSHORE FUND CLASS A1 SERIES RU19		45,618,012	53,816,854
	IFM GLOBAL INFRA OFFSHORE LP		20,000,000	36,257,032
	JPMCB STRATEGIC PROPERTY FUND		22,500,000	33,350,682
	PRISA		20,221,680	33,180,768
	LION INDUSTRIAL TRUST PROPERTIES		10,000,000	29,289,747
	JAMESTOWN PREMIER PROPERTY FUND LP		3,533,904	26,970,503
	USAA EAGLE REAL ESTATE FEEDER I LP		15,000,000	25,186,600
	STONE HARBOR-EM MK DBT-MUSDA		17,203,654	22,373,006
	STONE HARBOR LEVERAGED LOAN FUND B		15,034,802	19,737,121
	CVC CAPITAL PRTRNS VI (C) LP		12,670,509	18,923,546
	JPMCB SPECIAL SITUATION PROPERTY FUND		20,000,000	18,016,887
	GRIDIRON CAPITAL FUND III LP		1,805,949	16,760,200
	STONE HARBOR-HI YLD BD-MUSDA		13,558,111	16,320,491
	PEG POOLED VENT CAP INST INVEST III LLC		18,260,603	15,941,625
	APOLLO INVESTMENT FUND VIII LP		11,170,725	14,503,341
	BASALT INFRA PARTNERS LP		9,886,415	13,924,545
	KPS SPECIAL SITUATIONS FUND IV LP		11,769,507	13,531,789
	BROOKFIELD PREMIER RE PRTRS		9,851,966	13,127,028
	H.I.G. CAPITAL PARTNERS V LP		9,167,635	12,559,914
	HIGH ROAD CAPITAL PARTNERS FD II - WFC		10,332,506	12,374,286
	AMERICAN SECURITIES PARTNERS VI		3,874,421	11,555,175
	BROOKFIELD INFRA FUND III LP		10,460,749	11,480,519
	TZP CAPITAL PARTNERS II LP		8,849,734	10,163,340
	PATRIA - BRAZILIAN PRIVATE EQUITY FUND IV LP		8,633,789	10,053,258
	AXIUM INFRA NA IV LP		11,735,432	9,559,606
	WATERLAND PRIVATE EQUITY FUND V		900,903	9,376,426
	GLOBAL ENERGY & POWER INFRA II		10,485,280	9,328,130
	CA STUDENT LIVING INC GRWTH		7,500,000	8,572,145
	BLACKSTONE CAPITAL PARTNERS VII LP		7,151,716	8,319,463
	ALTERNA CORE CAPITAL ASSETS II LP		8,819,007	7,580,437
	PLATINUM EQUITY CAP PTNRS IV L PV LP		5,620,924	7,405,646
	PROVIDENCE DEBT FUND III LP		8,685,599	7,208,823
	EXETER EUR VAL VENT III FED SCSP		6,045,331	6,997,382
	HIG EUROPE CAPITAL PARTNERS II LP		6,794,531	6,986,157
	BLACKSTONE ENERGY PARTNERS II LP		9,723,409	6,939,910
	RIDGEMONT EQUITY PARTNERS FUND I LP		6,938,020	6,915,923
	PATRIA-BRAZILIAN PE FUND V LP		5,760,157	6,219,754
	ASANA PARTNERS FUND I LP		4,192,057	5,312,627
	WARBURG PINCUS PRIVATE EQUITY X LP		-	5,015,520
	OHA STRATEGIC CREDIT FUND II		4,500,000	4,955,788
	GS PEP 2005-MANAGERS FUND		16,676,572	4,756,015
	AMERICAN SECURITIES PTNRS VII		6,622,057	4,564,550
	PLATINUM EQ CAP PARTNERS III III		1,701,114	4,472,647
	UNICO CORE PLUS PARTNERS LP		4,145,124	4,247,822
	GRIDIRON CAPITAL FUND II LP		9,480,819	4,144,247
	CVC CAPITAL PARTNERS VII LP		3,535,019	4,085,343
	TPG GROWTH II LP		1,972,322	4,009,823
	TPG GROWTH III LP		3,874,252	3,877,132
	PEG US POOLED CORP FIN INST INVEST III LLC		11,073,947	3,790,288
	ASCRIBE OPP FUND III LP		11,099,572	3,686,551
	BLACKSTONE ENERGY PARTNERS L.P.		7,834,457	3,678,687
	SIXTH ST OPP PTNS III (A) LP		3,161,905	3,676,015
	HEITMAN ASIA-PACIFIC PRO INVST FEED		3,891,743	3,618,113
	BROOKFIELD STRATEGIC RE ESTATE PARTNERS B LP		42,181	3,518,886
	WOLFF CREDIT PARTNERS II LP		3,158,073	3,430,172
	ALMANAC REALTY SECURITIES VII		3,582,539	3,409,376
	BOWMARK CAPITAL PARTNERS V		3,318,266	3,144,182
	IRON POINT REAL ESTATE II-TE		2,870,948	2,854,412
	UNICO PARTNERS I LP		321,294	2,699,000
	ICON INFRA PARTNERS FUND V LP		2,302,648	2,302,648
	GREENFIELD ACQUI RTNRS VII LP		1,153,260	2,198,660
	ALMANAC REALTY SEC VIII LP		2,152,163	1,904,308
	SECONDARY INVESTMENTS SPV-4 LP		81,310	1,700,845
	SECONDARY INVESTMENT SPV-3 LP		-	1,698,590
	AMERICAN SECURITIES PTNR VIII		1,682,079	1,523,592
	APOLLO EUROPEAN PRINCIPAL FUND II		1,334,744	1,268,308
	JADIAN REAL ESTATE FUND I LP		1,267,134	1,267,134
	APOLLO INVESTMENT FUND IX LP		1,262,670	1,243,421
	BRAZIL REAL ESTATE OPPORTUNITIES FUND II - BAHIA		4,251,728	984,442
	FORTRESS JPN OPP FD IV DOL B LP		841,983	771,660
	MERIDIAM INFRA NORTH AMERICA FD III (DOMESTIC)		1,351,080	751,929
	TPG OPPORTUNITIES FUND II		3,909,917	705,965

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	PLATINUM CAP EQ PTNRS V LP	\$ 627,669	\$ 676,544	
	OHA EUROPEAN STRATEGIC CREDIT FUND (OFFSHORE) LP	2,141,421	649,738	
	GREENFIELD MULTI-STATE PARTNERS LP	842,857	540,014	
	HVEST PART VI DIRECT FUND	5,557,305	399,394	
	GS PEP 2005 - DIRECT FUND	1,951,181	389,114	
	HIG CAPITAL PARTNERS VI	255,704	255,704	
	EXETER INDUSTRIAL VALUE FUND II LP	559,340	211,189	
	HVEST PART V PARTNERS FUND	12,502,714	66,837	
	SAROFIM REALTY FUND III LP	-	50,657	
	HARBOURVEST INTL PVT EQ PARTNERS III PARTNERSHIP	9,723,619	37,814	
	ABERDEEN SAFL EUR RE CLUB II OFFSHR FDR LTD	5,061,019	37,620	
	HVEST PART VI PARTNERSHIP FD	4,584,673	37,230	
	SAROFIM REALTY FD III LP NEW UNITS	5,932,710	25,327	
	WATERLAND PE FUND VI C.V.	3,534,749	7,674	
Total Partnerships/Joint Ventures		662,549,921	755,137,361	
Corporate Stock				
	MICROSOFT CORP	9,897,158	16,806,500	
	AMAZON.COM INC	7,144,452	16,323,733	
	SEA LTD ADR	3,345,199	14,793,396	
	MASTERCARD INC	4,565,424	12,259,818	
	AMAZON.COM INC	3,905,629	12,005,044	
	ZALANDO SE	4,831,426	11,988,523	
	VISA INC	3,752,657	11,922,972	
	ADYEN NV	3,038,042	11,358,294	
	ASML HOLDING NV	2,770,341	11,272,185	
	VISA INC	4,193,474	10,712,958	
	NIKE INC	3,805,803	10,204,231	
	NESTLE SA	7,760,492	10,111,197	
	ALPHABET INC-CL C	5,193,828	9,798,265	
	SHOPIFY INC	1,649,190	9,790,236	
	HEINEKEN NV	7,914,926	9,285,691	
	FLUTTER ENTERTAINMENT PLC	5,143,027	9,278,916	
	MERCADOLIBRE INC	7,223,451	8,789,879	
	KEYENCE CORP	4,756,497	8,651,266	
	UNITEDHEALTH GROUP INC	4,703,460	8,562,554	
	ALIMENTATION COUCHE-TARD INC	5,768,305	8,431,417	
	PAYPAL HOLDINGS INC	3,866,162	8,386,234	
	NETFLIX INC	3,033,428	8,042,818	
	MEDTRONIC PLC	5,971,813	8,011,790	
	ALIGN TECHNOLOGY INC	3,618,872	8,005,547	
	IRHYTHM TECHNOLOGIES INC	6,417,049	7,762,697	
	WORKDAY INC	3,361,842	7,735,090	
	JOHNSON & JOHNSON	6,507,801	7,696,512	
	BOSTON SCIENTIFIC CORP	7,406,824	7,489,787	
	BERKSHIRE HATHAWAY INC	5,529,827	7,380,190	
	ATLISSIAN CORP PLC	2,453,251	7,307,268	
	TENCENT HOLDINGS LTD HK/00700	4,550,536	7,157,425	
	TENCENT HOLDINGS LTD HK/00700	4,023,345	7,010,058	
	ENTAIN PLC	4,650,736	6,989,049	
	BECTON DICKINSON AND CO	6,599,718	6,971,630	
	LAM RESEARCH CORP	7,060,583	6,777,547	
	ROSS STORES INC	4,778,351	6,777,393	
	NIHON M&A CENTER INC	3,037,552	6,743,281	
	BOOKING HOLDINGS INC	5,139,204	6,699,628	
	UNILEVER PLC	5,310,989	6,666,551	
	COCA-COLA CO/THE	5,814,697	6,575,755	
	EDWARDS LIFESCIENCES CORP	3,069,199	6,477,239	
	HOYA CORP	4,309,813	6,313,934	
	LVMH MOET HENNESSY LOUIS VUITT	4,430,640	6,309,252	
	SAMSUNG ELECTRONICS CO LTD	3,536,960	6,302,833	
	APTIV PLC	3,887,602	6,170,274	
	UBER TECHNOLOGIES INC	4,690,913	6,116,736	
	BAIDU INC ADR	4,428,613	6,107,050	
	MICROSOFT CORP	3,086,004	6,083,854	
	NIKE INC	3,501,895	5,963,526	
	DEXCOM INC	6,195,910	5,857,474	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	CME GROUP INC	\$ 5,381,750	\$ 5,803,208	
	ILLUMINA INC	3,292,857	5,763,860	
	TAIWAN SEMICONDUCTOR MANUFACTU ADR	2,279,080	5,689,489	
	PEPSICO INC	4,144,251	5,626,947	
	HDFC BANK LTD ADR	4,092,478	5,620,527	
	ALIBABA GROUP HOLDING LTD HK/09988	4,153,149	5,604,557	
	ADOBE INC	3,118,756	5,238,757	
	SK HYNIX INC	3,309,939	5,195,324	
	METHANEX CORP	4,758,702	5,162,133	
	ABIOMED INC	4,180,521	5,089,292	
	SAFRAN SA	4,111,916	4,949,299	
	FACEBOOK INC	1,569,701	4,917,973	
	OKTA INC	1,954,834	4,892,725	
	WEBSTER FINANCIAL CORP	4,982,541	4,821,370	
	ESSILORLUXOTTICA SA	3,904,208	4,809,730	
	POPULAR INC	3,964,925	4,748,058	
	ANTOFAGASTA PLC	2,236,422	4,741,572	
	ALPHABET INC-CL A	1,601,705	4,719,860	
	SYNOPSYS INC	2,607,231	4,640,137	
	ROCHE HOLDING AG	3,296,934	4,622,328	
	PUBLICIS GROUPE SA	4,331,141	4,516,349	
	IHS MARKIT LTD	4,201,806	4,477,487	
	JPMORGAN CHASE & CO	3,870,273	4,476,168	
	ALIBABA GROUP HOLDING LTD ADR	3,120,173	4,395,339	
	ALIBABA GROUP HOLDING LTD ADR	2,176,888	4,369,738	
	ALEXION PHARMACEUTICALS INC	3,193,682	4,359,096	
	SONY CORP	3,099,479	4,343,319	
	YARA INTERNATIONAL ASA	4,100,599	4,301,754	
	TWILIO INC	4,142,322	4,301,658	
	KEYSIGHT TECHNOLOGIES INC	3,947,291	4,301,379	
	CINEMARK HOLDINGS INC	3,863,822	4,275,896	
	ARROW ELECTRONICS INC	2,364,341	4,213,090	
	TELEPERFORMANCE	2,299,210	4,169,613	
	NEXT PLC	3,232,992	4,161,485	
	BELLWAY PLC	3,921,874	4,145,612	
	SHERWIN-WILLIAMS CO/THE	2,447,201	4,141,218	
	MAGNA INTL INC	3,066,139	4,102,834	
	WALT DISNEY CO/THE	2,539,489	4,086,153	
	NETEASE INC HK/09999	3,576,350	4,047,524	
	BANCOLOMBIA SA	4,087,033	4,011,263	
	TERADYNE INC	3,764,298	3,999,051	
	TAYLOR WIMPEY PLC	3,869,857	3,989,880	
	TAPESTRY INC	1,756,080	3,953,376	
	INTERNATIONAL BANCSHARES CORP	4,321,006	3,931,275	
	SKF AB	2,274,051	3,892,444	
	KIA MOTORS CORP	2,026,962	3,891,800	
	CAPITAL ONE FINANCIAL CORP	3,564,952	3,891,626	
	DNB ASA	3,463,823	3,883,173	
	SOLVAY SA	3,804,463	3,860,530	
	LANXESS AG	3,362,808	3,814,774	
	BASF SE	3,549,306	3,793,905	
	MUENCHENER RUECKVERSICHERUNGS-	2,901,034	3,788,041	
	CROCS INC	1,168,876	3,774,012	
	HYUNDAI MOBIS CO LTD	2,970,435	3,767,702	
	CHUBB LTD	2,970,086	3,737,947	
	SVENSKA HANDELSBANKEN AB	4,026,835	3,731,787	
	TORONTO DOMINION BANK NEW	3,614,005	3,731,203	
	ABBVIE INC	3,446,371	3,682,424	
	HEIDELBERGCEMENT AG	2,111,587	3,677,871	
	DEUTSCHE TELEKOM AG	3,206,121	3,677,863	
	CIE GENERALE DES ETABLISSEMENT	3,405,255	3,665,508	
	UNITEDHEALTH GROUP INC	2,885,778	3,662,502	
	ALLETE INC	4,430,561	3,648,204	
	BERRY GLOBAL GROUP INC	3,272,300	3,635,493	
	CATCHER TECHNOLOGY CO LTD	3,410,495	3,629,084	
	CARTER'S INC	4,162,341	3,626,587	
	ZOOM VIDEO COMMUNICATIONS INC	698,798	3,588,747	
	ANTHEM INC	2,849,916	3,583,364	
	SAP SE	2,743,622	3,560,733	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value		Cost	Current value
	HONDA MOTOR CO LTD	\$	3,815,236	\$ 3,547,927
	INTUITIVE SURGICAL INC		1,809,668	3,546,464
	PHILIP MORRIS INTERNATIONAL IN		3,358,138	3,543,495
	STARBUCKS CORP		2,297,566	3,540,182
	NEXTERA ENERGY INC		2,215,115	3,538,408
	LG UPLUS CORP		3,935,584	3,534,843
	ASAHI GROUP HOLDINGS LTD		3,603,626	3,526,904
	LABORATORY CORP OF AMERICA HOL		2,247,385	3,521,415
	HANNOVER RUECK SE		3,180,359	3,518,588
	SCIENCE APPLICATIONS INTERNATI		2,915,655	3,511,144
	WOLTERS KLUWER NV		2,970,477	3,504,570
	KDDI CORP		3,166,158	3,501,200
	CP ALL PCL		2,657,062	3,500,055
	MICROSOFT CORP		2,011,762	3,494,218
	BUNZL PLC		2,087,437	3,477,779
	WEICHAI POWER CO LTD HK/02338		3,798,747	3,449,595
	VINCI SA		3,342,934	3,420,570
	COCA-COLA EUROPEAN PARTNERS PL		2,532,534	3,413,355
	AMCOR PLC		2,563,947	3,409,769
	AMERIS BANCORP		3,973,412	3,383,243
	SUMITOMO MITSUI TRUST HOLDINGS		3,903,204	3,366,398
	NOVARTIS AG		2,805,519	3,365,210
	INTEL CORP		3,792,542	3,347,904
	GILEAD SCIENCES INC		3,953,567	3,340,570
	COMCAST CORP		2,805,184	3,315,820
	AIR LIQUIDE SA		2,698,226	3,314,142
	ALPHABET INC-CL C		1,130,478	3,279,519
	TYSON FOODS INC		2,954,117	3,269,106
	GLAXOSMITHKLINE PLC		3,641,048	3,256,088
	CVS HEALTH CORP		3,332,899	3,244,250
	MARATHON PETROLEUM CORP		4,691,515	3,242,996
	GENERAL DYNAMICS CORP		3,957,676	3,235,198
	QUEST DIAGNOSTICS INC		2,988,928	3,227,481
	INGREDION INC		3,317,164	3,217,603
	FRANKLIN RESOURCES INC		3,629,093	3,142,992
	ANDRITZ AG		3,247,027	3,131,412
	KT&G CORP		3,534,618	3,106,286
	SPAREBANK 1 SR-BANK ASA		2,880,407	3,103,892
	INCHCAPE PLC		2,833,329	3,052,122
	SNOWFLAKE INC		1,403,915	3,002,257
	SIGNATURE AVIATION PLC		2,669,535	2,999,839
	WILLIAMS COS INC/THE		2,932,511	2,991,460
	MONDI PLC		2,418,250	2,953,601
	BERKSHIRE HATHAWAY INC		2,458,883	2,888,173
	NINTENDO CO LTD		1,405,872	2,869,243
	UNITED OVERSEAS BANK LTD		3,066,781	2,842,445
	FRESENIUS SE & CO KGAA		2,405,086	2,833,507
	VERIZON COMMUNICATIONS INC		2,528,405	2,811,716
	LINDE PLC		2,021,189	2,780,558
	M&T BANK CORP		2,248,284	2,673,300
	BAIDU INC ADR		1,962,401	2,635,533
	BABCOCK INTERNATIONAL GROUP PL		5,017,182	2,622,798
	PEPTIDREAM INC		1,975,008	2,522,427
	VALMET OYJ		1,730,705	2,518,657
	JOHNSON & JOHNSON		2,041,467	2,499,667
	AIRPORTS OF THAILAND PCL		1,258,194	2,485,814
	APPLE INC		863,940	2,375,151
	DAICEL CORP		2,638,872	2,364,498
	LOOMIS AB		2,726,417	2,221,195
	AVNET INC		2,530,587	2,210,210
	CINEWORLD GROUP PLC		4,531,218	2,201,528
	SHINHAN FINANCIAL GROUP CO LTD		2,677,562	2,184,197
	CIE GENERALE DES ETABLISSEMENT		2,010,161	2,182,740
	DEUTSCHE BOERSE AG		1,800,060	2,179,322
	DOORDASH INC		1,824,686	2,146,104
	WIIT SPA		705,747	2,134,592
	PAYPAL HOLDINGS INC		924,836	2,029,577
	RESIDEO TECHNOLOGIES INC		726,843	2,001,969
	ALPHABET INC-CL A		1,390,596	1,905,120

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

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(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	SAMSUNG ELECTRONICS CO LTD	\$ 999,519	\$ 1,810,812	
	BANK OF AMERICA CORP	1,766,606	1,807,294	
	ALIBABA GROUP HOLDING LTD HK/09988	1,579,703	1,805,280	
	MONDI PLC	1,348,602	1,795,939	
	PRADA SPA HK/01913	965,515	1,780,611	
	SIAM COMMERCIAL BANK PCL/THE	2,150,865	1,685,748	
	CITIGROUP INC	1,722,052	1,683,935	
	AMAZON.COM INC	961,153	1,595,896	
	UBER TECHNOLOGIES INC	949,383	1,487,415	
	ANIMA HOLDING SPA	1,382,366	1,464,674	
	BLUEBIRD BIO INC	3,315,847	1,452,358	
	IPSOS	1,255,365	1,450,927	
	CHEMRING GROUP PLC	1,031,663	1,442,608	
	NINTENDO CO LTD	789,396	1,421,869	
	AMDOCS LTD	1,224,760	1,405,762	
	MCKESSON CORP	1,079,620	1,399,360	
	CHINA MOBILE LTD HK/00941	1,923,605	1,388,046	
	MAKEMYTRIP LTD	1,110,458	1,379,966	
	FREEPORT-MCMORAN INC	595,206	1,354,679	
	DUFREY AG	1,063,688	1,348,583	
	BOOKING HOLDINGS INC	1,056,248	1,343,044	
	VERIZON COMMUNICATIONS INC	1,198,857	1,333,508	
	YAGEO CORP	893,378	1,332,701	
	WELLS FARGO & CO	1,777,431	1,328,131	
	BNP PARIBAS SA	1,375,541	1,323,486	
	CEMEX SAB DE CV ADR	1,171,648	1,318,795	
	VISTRY GROUP PLC	1,084,592	1,315,842	
	WALT DISNEY CO/THE	762,401	1,304,496	
	JPMORGAN CHASE & CO	1,103,035	1,278,451	
	Z HOLDINGS CORP	676,048	1,259,746	
	AP MOLLER - MAERSK A/S	671,285	1,212,287	
	TINEXTA SPA	515,312	1,209,237	
	FEDEX CORP	710,137	1,209,050	
	SIEMENS AG	882,032	1,199,366	
	CITIZENS FINANCIAL GROUP INC	1,164,793	1,197,316	
	CEGEDIM SA	1,390,370	1,195,230	
	HDFC BANK LTD ADR	823,313	1,194,386	
	CRITEO SA ADR	1,151,008	1,192,205	
	CAPRI HOLDINGS LTD	848,196	1,182,762	
	MODERN TIMES GROUP MTG AB	759,210	1,178,487	
	ZOOPLUS AG	812,199	1,164,696	
	CIE FINANCIERE RICHEMONT SA	672,942	1,164,396	
	CHINASOFT INTERNATIONAL LTD HK/00354	566,060	1,153,666	
	SOMERO ENTERPRISES INC	1,186,917	1,152,890	
	VIATRIS INC	933,229	1,136,750	
	GREENCORE GROUP PLC	1,667,271	1,136,656	
	STATE STREET CORP	953,039	1,132,675	
	GEELY AUTOMOBILE HOLDINGS LTD HK/00175	525,849	1,108,107	
	BANK OF KYOTO LTD/THE	932,477	1,107,860	
	DUNI AB	1,094,114	1,104,456	
	LVMH MOET HENNESSY LOUIS VUITT	644,403	1,093,945	
	VAN LANSCHOT KEMPEN NV	1,014,622	1,093,740	
	INTESA SANPAOLO SPA	1,103,422	1,090,209	
	SUBARU CORP	1,391,108	1,088,733	
	ENDESA SA	858,945	1,083,435	
	NVENT ELECTRIC PLC	1,007,526	1,083,218	
	BAKER HUGHES CO	1,228,174	1,076,277	
	INTEL CORP	1,175,211	1,074,368	
	MAIL.RU GROUP LTD GDR	935,878	1,067,543	
	GREENCORE GROUP PLC	779,102	1,063,788	
	ROHM CO LTD	861,741	1,063,394	
	TENCENT HOLDINGS LTD HK/00700	646,466	1,060,521	
	SUMITOMO MITSUI FINANCIAL GROU	1,259,817	1,050,470	
	AFFILIATED MANAGERS GROUP INC	878,449	1,049,442	
	DR HORTON INC	582,656	1,045,930	
	JD.COM INC HK/09618	487,379	1,040,575	
	CECONOMY AG	409,650	1,035,830	
	PLAYTECH PLC	787,875	1,024,425	
	RIO TINTO LTD	692,882	1,020,401	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
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(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	JAPAN TOBACCO INC	\$ 1,214,478	\$ 1,013,895	
	ARTISAN PARTNERS ASSET MANAGEM	493,501	1,011,129	
	GENERAL ELECTRIC CO	961,210	995,555	
	NOMURA HOLDINGS INC	843,926	994,561	
	AVNET INC	844,199	978,516	
	MEDIATEK INC	418,843	974,625	
	VEECO INSTRUMENTS INC	745,081	973,792	
	PROSUS NV	665,376	971,610	
	LAS VEGAS SANDS CORP	905,719	965,341	
	NASPERS LTD	980,121	963,849	
	CHARLES SCHWAB CORP/THE	661,071	963,737	
	APPLUS SERVICES SA	1,034,154	963,402	
	ANGLO AMERICAN PLC	599,789	962,899	
	SAMSONITE INTERNATIONAL SA HK/01910	689,790	953,977	
	FNAC DARTY SA	683,490	953,804	
	NETAPP INC	592,950	949,020	
	RAKUTEN INC	803,830	948,606	
	TOYOTA INDUSTRIES CORP	643,247	944,771	
	DIME COMMUNITY BANCSHARES INC	1,189,643	942,888	
	VALEO SA	588,796	932,466	
	BANK OF IRELAND GROUP PLC	936,838	928,436	
	DAI-ICHI LIFE HOLDINGS INC	1,091,237	927,487	
	NOKIA OYJ	1,264,883	924,499	
	STMICROELECTRONICS NV	492,718	922,337	
	DROPBOX INC	1,084,929	920,020	
	INTERNATIONAL BUSINESS MACHINE	972,384	917,036	
	ING GROEP NV	1,113,776	915,104	
	DEUTSCHE LUFTHANSA AG	796,995	910,939	
	TAPESTRY INC	824,370	910,489	
	EBAY INC	613,869	901,736	
	MEDIOBANCA BANCA DI CREDITO FI	891,972	899,714	
	SOFTBANK GROUP CORP	481,546	892,081	
	OWENS CORNING	671,308	889,422	
	SPOTIFY TECHNOLOGY SA	457,409	888,915	
	SHOP APOTHEKE EUROPE NV	267,195	887,611	
	DEVON ENERGY CORP	1,208,048	880,475	
	BANCA FARMAFACTORING SPA	868,470	879,802	
	FINECOBANK BANCA FINECO SPA	608,727	879,442	
	PRUDENTIAL PLC	765,749	877,408	
	KT&G CORP	822,190	871,697	
	BANCO SANTANDER SA	1,013,067	862,979	
	HUNTING PLC	587,202	861,937	
	UBS GROUP AG	842,731	859,759	
	MERCADOLIBRE INC	216,498	859,388	
	SBI HOLDINGS INC/JAPAN	854,359	855,603	
	EXXON MOBIL CORP	773,616	853,254	
	SOUTHWEST AIRLINES CO	548,859	852,031	
	CHINA LONGYUAN POWER GROUP COR HK/00916	578,441	842,451	
	SOPRA STERIA GROUP	565,622	839,176	
	EXOR NV	648,213	835,352	
	TENARIS SA	1,034,591	832,152	
	SPAREBANKEN VEST	625,215	831,666	
	KION GROUP AG	562,815	829,147	
	INDRA SISTEMAS SA	911,420	824,070	
	GENERAL MOTORS CO	592,405	823,389	
	NATIONAL OILWELL VARCO INC	1,379,001	821,892	
	SONY CORP	522,384	821,844	
	VIACOMCBS INC	623,480	819,608	
	LLOYDS BANKING GROUP PLC	1,205,446	817,775	
	STARBUCKS CORP	575,087	814,118	
	PEARL ABYSS CORP	584,529	809,918	
	HARLEY-DAVIDSON INC	650,424	809,382	
	SEMEN INDONESIA PERSERO TBK PT	515,323	802,996	
	BASF SE	662,113	800,909	
	ORACLE CORP	672,467	799,568	
	BORGWARNER INC	720,151	799,539	
	PFIZER INC	720,128	794,397	
	SOCIETE GENERALE SA	995,251	794,102	
	BAYER AG	1,015,886	788,350	

American Electric Power System Retirement Plan

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 EIN: 13-4922641 Plan Number: 001

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	MULTICHOICE GROUP	\$ 603,295	\$ 783,679	
	LG CHEM LTD	302,560	782,811	
	BROOKLINE BANCORP INC	1,137,151	781,565	
	TRIP.COM GROUP LTD ADR	776,666	778,961	
	DXC TECHNOLOGY CO	753,826	776,620	
	VALUE PARTNERS GROUP LTD HK/00806	991,692	776,450	
	JOHNSON CONTROLS INTERNATIONAL	588,276	773,301	
	NORDIC ENTERTAINMENT GROUP AB	350,489	772,565	
	WESTROCK CO	633,407	771,874	
	WESTERN UNION CO/THE	793,878	768,558	
	CONTINENTAL AG	745,271	762,695	
	TREMOR INTERNATIONAL LTD	8,005,448	758,423	
	HAITONG SECURITIES CO LTD HK/06837	846,163	758,123	
	NAVER CORP	431,366	756,089	
	CIMB GROUP HOLDINGS BHD	836,485	747,190	
	CHINA YONGDA AUTOMOBILES SERVI HK/03669	395,647	746,547	
	BRIDGESTONE CORP	862,831	744,024	
	PARKER-HANNIFIN CORP	349,032	743,679	
	DIGITAL VALUE SPA	293,040	742,919	
	RWS HOLDINGS PLC	828,051	741,573	
	ENERPLUS CORP	1,132,263	740,624	
	SNAM SPA	562,802	734,617	
	SOUTH32 LTD	784,618	733,022	
	NIPPON PARKING DEVELOPMENT CO	715,323	731,181	
	CHINA MERCHANTS BANK CO LTD HK/03968	481,557	731,159	
	QUALICORP CONSULTORIA E CORRET	572,854	729,541	
	AMADEUS IT GROUP SA	481,615	726,269	
	DOORDASH INC	882,631	725,027	
	CARS.COM INC	433,282	718,906	
	AMS AG	540,112	716,404	
	FRESENIUS SE & CO KGAA	793,106	712,590	
	HOLLYSYS AUTOMATION TECHNOLOGI	933,601	711,966	
	DENA CO LTD	690,840	710,699	
	SHANGRI-LA ASIA LTD HK/00069	998,690	709,317	
	NATWEST GROUP PLC	853,764	704,049	
	GRUPPO MUTUIONLINE SPA	272,703	699,649	
	WING TAI HOLDINGS LTD	708,328	699,058	
	CERVED GROUP SPA	714,039	698,526	
	HEIJMANS NV	732,736	695,092	
	SIME DARBY PROPERTY BHD	1,040,244	692,630	
	ZIONS BANCORP NA	753,010	690,435	
	FANUC CORP	470,223	687,762	
	PREMIER FINANCIAL CORP	942,336	685,400	
	GENTING SINGAPORE LTD	872,109	685,004	
	MICRON TECHNOLOGY INC	346,887	680,905	
	SWIRE PACIFIC LTD HK/00087	849,511	680,021	
	PING AN INSURANCE GROUP CO OF HK/02318	543,001	679,985	
	MOSAIC CO/THE	644,688	675,344	
	ADECCO GROUP AG	495,239	674,623	
	SAMSUNG C&T CORP	511,055	673,041	
	MANCHESTER UNITED PLC	730,986	670,638	
	SAMSUNG LIFE INSURANCE CO LTD	597,047	667,941	
	EUROBANK ERGASIAS SERVICES AND	661,936	666,707	
	BZW CIA DIGITAL	538,782	665,514	
	PROSIEBENSAT.1 MEDIA SE	616,303	663,772	
	IG GROUP HOLDINGS PLC	498,067	659,029	
	ECKOH PLC	379,246	655,838	
	ACCENTURE PLC	431,548	655,637	
	COCA-COLA ICECEK AS	357,562	654,007	
	GENOMMA LAB INTERNACIONAL SAB	581,291	653,403	
	ENI SPA	602,830	652,949	
	VICAT SA	785,221	652,331	
	SOLOCAL GROUP	1,794,993	651,378	
	KRAFT HEINZ CO/THE	570,885	650,395	
	NXP SEMICONDUCTORS NV	361,045	649,238	
	BB SEGURIDADE PARTICIPACOES SA	563,999	648,173	
	DOUBLEGAMES CO LTD	540,523	643,064	
	RAYTHEON TECHNOLOGIES CORP	650,370	637,726	
	MS&AD INSURANCE GROUP HOLDINGS	644,043	635,836	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

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(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	INFINEON TECHNOLOGIES AG	\$ 347,737	\$ 635,256	
	TAKEDA PHARMACEUTICAL CO LTD	686,358	632,835	
	NS SOLUTIONS CORP	601,408	630,113	
	CORP FINANCIERA ALBA SA	681,233	625,549	
	LINDE PLC	383,155	625,479	
	MINWISE CO LTD	575,282	621,959	
	3M CO	577,516	618,757	
	COATS GROUP PLC	623,228	613,251	
	GAM HOLDING AG	729,207	607,800	
	VIENNA INSURANCE GROUP AG WIEN	630,171	607,666	
	ASTM SPA	532,409	606,763	
	EURAZEO SE	611,633	605,866	
	AUMANN AG	769,121	605,084	
	AMERICAN EXPRESS CO	466,996	603,341	
	AUTOHOME INC ADR	470,765	602,103	
	CAMBRIDGE BANCORP	652,497	599,850	
	IQIYI INC ADR	674,830	592,729	
	WIRTUALNA POLSKA HOLDING SA	323,409	591,421	
	SPIRIT AEROSYSTEMS HOLDINGS IN	506,764	590,650	
	EQUITY COMMONWEALTH	644,272	589,930	
	KGINICIS CO LTD	510,535	587,323	
	GENTING BHD	785,147	584,096	
	VEOLIA ENVIRONNEMENT SA	521,023	582,946	
	TAIHEIYO CEMENT CORP	659,077	579,522	
	AIXTRON SE	397,407	578,214	
	CBRE GROUP INC	378,918	575,770	
	JUMBO SA	535,047	574,576	
	CK HUTCHISON HOLDINGS LTD HK/00001	652,579	572,059	
	BANGKOK BANK PCL	794,650	570,374	
	IJM CORP BHD	590,295	568,851	
	TITAN CEMENT INTERNATIONAL SA	627,274	562,765	
	PPC LTD	963,084	562,351	
	HYUNDAI GLOVIS CO LTD	370,295	561,672	
	FUKUDA DENSHI CO LTD	480,637	560,914	
	KITZ CORP	571,748	560,477	
	CAIRN HOMES PLC	638,611	555,487	
	KNOW IT AB	270,566	550,285	
	WYNN MACAU LTD HK/01128	661,969	549,641	
	GEA GROUP AG	430,753	544,656	
	SONAE SGPS SA	672,717	544,388	
	ATOS SE	485,675	544,225	
	LEGGETT & PLATT INC	397,521	544,004	
	TSUBAKIMOTO CHAIN CO	590,722	543,576	
	MOHAWK INDUSTRIES INC	488,492	542,658	
	TOTAL SE	517,055	540,755	
	QIWI PLC ADR	774,940	540,740	
	NOKIA OYJ	582,365	540,655	
	TOSEI CORP	459,267	539,316	
	HENKEL AG & CO KGAA	494,406	536,122	
	SATS LTD	376,190	536,057	
	AGC INC	496,292	534,883	
	TOWER BERSAMA INFRASTRUCTURE T	313,242	534,336	
	APPLIED MATERIALS INC	248,175	533,766	
	JAPAN PETROLEUM EXPLORATION CO	621,150	532,392	
	TKH GROUP NV	553,745	531,590	
	SAIPEM SPA	828,163	529,725	
	FISERV INC	461,152	529,449	
	CHINA EVERBRIGHT ENVIRONMENT G HK/00257	754,534	528,163	
	STANDARD CHARTERED PLC	647,809	523,322	
	SEINO HOLDINGS CO LTD	591,327	522,839	
	OMNICOM GROUP INC	521,121	516,424	
	MARRIOTT INTERNATIONAL INC/MD	470,912	515,807	
	TREASURY WINE ESTATES LTD	503,010	514,020	
	ZYNGA INC	263,145	514,000	
	DOWA HOLDINGS CO LTD	439,645	513,700	
	GRESHAM HOUSE PLC	288,292	510,894	
	MALAYSIA AIRPORTS HOLDINGS BHD	630,606	510,687	
	NITTO DENKO CORP	288,233	508,680	
	BEIJING CAPITAL INTERNATIONAL HK/00694	532,249	506,287	

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Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

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(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	ABB LTD	\$ 381,493	\$ 503,872	
	CGG SA	873,208	502,388	
	IMAX CORP	474,171	501,677	
	RAIFFEISEN BANK INTERNATIONAL	679,894	501,240	
	CORP AMERICA AIRPORTS SA	898,733	499,588	
	NIPPON INDOSARI CORPINDO TBK P	340,003	498,125	
	YOMA STRATEGIC HOLDINGS LTD	540,953	494,930	
	MEGA MANUNGGAL PROPERTY TBK PT	576,158	494,071	
	AENA SME SA	324,615	493,084	
	GINKO INTERNATIONAL CO LTD	524,911	492,954	
	HI SUN TECHNOLOGY CHINA LTD HK/00818	487,740	491,048	
	KENDRION NV	383,480	487,726	
	SYDNEY AIRPORT	400,584	480,590	
	SIME DARBY BHD	469,494	478,482	
	AIRBUS SE	262,205	475,872	
	CJ ENM CO LTD	628,075	469,880	
	TSUMURA & CO	448,433	466,599	
	TOYO TANSO CO LTD	554,573	463,473	
	CARGOTEC OYJ	319,971	461,806	
	BANKINTER SA	721,761	461,517	
	SNAP-ON INC	362,663	460,367	
	FRAPORT AG FRANKFURT AIRPORT S	479,368	457,488	
	SWATCH GROUP AG/THE	379,095	456,253	
	CHINA RESOURCES MEDICAL HOLDIN HK/01515	306,602	453,150	
	SABRE CORP	386,106	453,034	
	PIRAEUS PORT AUTHORITY SA	380,403	452,180	
	FOURLIS HOLDINGS SA	496,900	449,053	
	OKAMOTO INDUSTRIES INC	540,226	448,574	
	JEFFERIES FINANCIAL GROUP INC	264,426	447,720	
	GREENTOWN SERVICE GROUP CO LTD HK/02869	326,251	443,729	
	ZHEJIANG EXPRESSWAY CO LTD HK/00576	426,570	440,955	
	NATIONAL GRID PLC	414,296	437,421	
	BOEING CO/THE	362,509	436,682	
	CAPITA PLC	896,552	435,309	
	NEINOR HOMES SA	442,744	432,562	
	HUTCHISON PORT HOLDINGS TRUST	436,632	432,272	
	CIELO SA	829,882	432,120	
	BOLSA DE VALORES DE COLOMBIA	430,970	429,125	
	KYOCERA CORP	431,328	426,451	
	CHINA LESSO GROUP HOLDINGS LTD HK/02128	225,494	425,973	
	FLSMIDTH & CO A/S	398,005	423,238	
	MAISONS DU MONDE SA	359,373	422,547	
	CHOW SANG SANG HOLDINGS INTERN HK/00116	442,129	421,128	
	UNIPOL GRUPPO SPA	327,858	420,664	
	KONINKLIJKE AHOLD DELHAIZE NV	380,569	416,764	
	HONG KONG EXCHANGES & CLEARING HK/00388	331,031	416,567	
	PROFARMA DISTRIBUIDORA DE PROD	456,983	414,453	
	TREND MICRO INC/JAPAN	363,659	414,238	
	CREDICORP LTD	322,125	413,822	
	ACCOR SA	305,179	413,237	
	LEGAL & GENERAL GROUP PLC	384,483	408,494	
	CJ CORP	429,567	407,468	
	BANCOLOMBIA SA	337,638	404,359	
	PAX GLOBAL TECHNOLOGY LTD HK/00327	211,803	404,317	
	TRIPADVISOR INC	278,683	400,042	
	CHINA SANJIANG FINE CHEMICALS HK/02198	365,002	394,936	
	NICHI-IKO PHARMACEUTICAL CO LT	550,122	393,392	
	LANDIS+GYR GROUP AG	323,947	393,263	
	SANSEI TECHNOLOGIES INC	452,378	391,951	
	ROCHE HOLDING AG	345,477	391,865	
	CARLSBERG AS	295,405	388,733	
	MARISA LOJAS SA	414,832	383,228	
	KNIGHT-SWIFT TRANSPORTATION HO	318,097	372,951	
	COSCO CAPITAL INC	367,098	369,012	
	COCA-COLA BOTTLERS JAPAN HOLDI	565,230	366,542	
	VEON LTD ADR	587,365	365,296	
	MATTEL INC	214,769	360,692	
	21VIANET GROUP INC ADR	237,544	360,082	
	H&R BLOCK INC	347,592	360,022	

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Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value		Cost	Current value
	WW INTERNATIONAL INC	\$	356,804	\$ 359,412
	MEDIASET SPECIAL VOTING SHARE A		459,030	358,280
	IEFFAGE SA		297,063	357,051
	VOLVO AB		219,571	352,791
	CLP HOLDINGS LTD HK/00002		362,421	351,387
	GRUPO DE INVERSIONES SURAMERIC		512,053	348,724
	VALID SOLUCOES E SERVICOS DE S		703,033	347,637
	GILEAD SCIENCES INC		425,037	340,821
	BLUE APRON HOLDINGS INC		1,024,336	340,096
	INVERSIONES LA CONSTRUCCION SA		639,106	338,731
	TELEFONICA DEUTSCHLAND HOLDING		480,902	337,417
	RE/MAX HOLDINGS INC		341,081	335,689
	NIKE INC		158,985	329,625
	CHANJET INFORMATION TECHNOLOGY HK/01588		353,817	328,151
	SIEMENS ENERGY AG		223,246	323,935
	DORMAKABA HOLDING AG		307,865	318,344
	BRISTOL-MYERS SQUIBB CO		264,380	318,276
	ABSA GROUP LTD		409,484	317,783
	NIKON CORP		460,625	315,017
	TWITTER INC		230,485	314,612
	EASTMAN CHEMICAL CO		164,943	313,876
	PROSUS NV		239,674	311,856
	FOOT LOCKER INC		289,184	308,517
	GRUPO CATALANA OCCIDENTE SA		264,353	307,802
	CISCO SYSTEMS INC		315,914	303,853
	VODAFONE GROUP PLC ADR		249,775	299,310
	TELEVISION FRANCAISE 1		316,239	299,145
	IPSOS		235,979	295,015
	EXTENDED STAY AMERICA INC		259,096	294,719
	CANADA GOOSE HOLDINGS INC SUB VTG		252,098	292,562
	KONINKLIJKE PHILIPS NV		220,228	291,940
	BASIC-FIT NV		230,044	291,450
	IBERSOL SGPS SA		452,221	289,612
	CHECK POINT SOFTWARE TECHNOLOG		234,378	288,946
	MIXI INC		264,294	287,739
	HSBC HOLDINGS PLC HK/00005		225,810	281,797
	THYSSENKRUPP AG		269,382	279,516
	HONGKONG LAND HOLDINGS LTD		308,307	278,114
	TARKETT SA		278,403	269,573
	DATALOGIC SPA		226,820	263,438
	KINGSOFT CORP LTD HK/03888		205,330	262,966
	SWISSCOM AG		259,932	261,772
	ARCOS DORADOS HOLDINGS INC		332,216	258,673
	INDUSTRIA DE DISENO TEXTIL SA		254,307	252,978
	GRUPO TRAXION SAB DE CV		227,157	243,262
	US BANCORP		264,806	236,724
	NOVO NORDISK A/S		205,866	229,824
	MOMO INC ADR		556,382	221,699
	LINK NET TBK PT		364,651	217,164
	GREENCORE GROUP PLC		0	214,810
	KINGSOFT CLOUD HOLDINGS LTD ADR		203,532	213,831
	TELEFONICA BRASIL SA		206,751	210,379
	KINEPOLIS GROUP NV		221,586	209,616
	VIVENDI SA		135,234	207,026
	SANLAM LTD		159,717	206,390
	VITAL KSK HOLDINGS INC		250,860	190,328
	SAFRAN SA		150,184	183,297
	WAL-MART DE MEXICO SAB DE CV		187,555	178,997
	CONSORCIO ARA SAB DE CV		215,699	177,522
	NOVARTIS AG		150,305	166,552
	SECOM CO LTD		139,846	156,704
	MEDIASET SPA		122,218	149,286
	BANCO BILBAO VIZCAYA ARGENTARI		120,831	146,383
	RAZER INC HK/01337		134,683	139,505
	INTERCONTINENTAL EXCHANGE INC		95,009	138,463
	ELIS SA		131,410	137,252
	IGM FINANCIAL INC		150,707	136,577
	SOCIETE BIC SA		136,298	126,221
	UNILEVER INDONESIA TBK PT		121,077	117,861

American Electric Power System Retirement Plan

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value		Cost	Current value
	PEUGEOT SA	\$	99,039	\$ 109,812
	DAITO TRUST CONSTRUCTION CO LT		145,028	102,707
	CATCHER TECHNOLOGY CO LTD		97,929	102,641
	KEPPEL CORP LTD		118,224	97,696
	NIPPON TELEGRAPH & TELEPHONE C		84,938	94,807
	FRASER AND NEAVE LTD		108,912	83,752
	THALES SA		58,165	73,590
	NESTLE SA		63,196	66,051
	KBC GROUP NV		47,238	65,950
	CAIRN HOMES PLC		109,976	65,282
	MUENCHENER RUECKVERSICHERUNGS-		63,116	64,466
	CISCO SYSTEMS INC		49,456	64,440
	HERIGE SADCs		53,986	63,825
	ITALGAS SPA		61,411	61,270
	VODAFONE GROUP PLC		34,481	30,505
	RICHEMONT(CIE FIN) WTS 22-NOV-2023 (TO SUB FOR ORD)		208,673	7,079
	FRESENIUS KABI PHARMACEUTICALS RTS EXP 12/31/2010		750	748
Total Corporate Stock			921,236,346	1,219,726,752
Corporate Obligations				
	VERIZON COMMUNICATIONS INC 4.812% 03/15/2039 DD 02/03/17		10,057,713	10,847,915
	AT&T INC 144A 3.550% 09/15/2055 DD 09/18/20		7,669,699	8,937,598
	ANHEUSER-BUSCH INBEV WORLDWIDE 5.450% 01/23/2039 DD 01/23/19		7,739,908	8,321,058
	AT&T INC 144A 3.550% 09/15/2055 DD 09/18/20		6,187,863	7,218,446
	AT&T INC 144A 3.500% 09/15/2053 DD 09/18/20		6,278,248	6,589,673
	DUKE ENERGY CAROLINAS LLC 6.000% 01/15/2038 DD 01/10/08		4,343,628	5,819,909
	CHARTER COMMUNICATIONS OPERATI 5.375% 05/01/2047 DD 11/01/17		5,108,105	5,722,584
	WELLS FARGO & CO 4.650% 11/04/2044 DD 11/04/14		5,195,356	5,586,246
	AT&T INC 144A 3.800% 12/01/2057 DD 12/07/20		5,554,877	5,412,789
	MICROSOFT CORP 2.525% 06/01/2050 DD 06/01/20		5,083,829	5,277,973
	LOCKHEED MARTIN CORP 4.070% 12/15/2042 DD 12/14/12		3,987,468	5,158,896
	FLORIDA POWER & LIGHT CO 5.960% 04/01/2039 DD 03/17/09		3,720,898	5,144,257
	GOLDMAN SACHS GROUP INC/THE VAR RT 10/31/2038 DD 10/31/17		4,186,975	5,143,733
	NORTHROP GRUMMAN CORP 4.750% 06/01/2043 DD 05/31/13		4,216,138	5,067,718
	WYETH LLC 5.950% 04/01/2037 DD 03/27/07		3,582,457	4,912,715
	ORACLE CORP 4.125% 05/15/2045 DD 05/05/15		3,929,278	4,875,880
	COCA-COLA CO/THE 2.500% 06/01/2040 DD 05/01/20		4,412,837	4,702,637
	EXXON MOBIL CORP 4.227% 03/19/2040 DD 03/19/20		3,769,901	4,632,702
	ANHEUSER-BUSCH INBEV WORLDWIDE 4.600% 04/15/2048 DD 04/04/18		4,186,412	4,612,383
	UNION PACIFIC CORP 3.250% 02/05/2050 DD 01/31/20		3,759,150	4,537,200
	CONSOLIDATED EDISON CO OF NEW 4.450% 03/15/2044 DD 03/06/14		3,596,976	4,518,432
	STARBUCKS CORP 3.500% 11/15/2050 DD 05/07/20		3,888,770	4,501,310
	COMCAST CORP 3.200% 07/15/2036 DD 07/19/16		4,002,405	4,413,632
	HSBC HOLDINGS PLC 6.500% 09/15/2037 DD 09/12/07		3,032,877	4,382,733
	BANK OF AMERICA CORP VAR RT 10/22/2030 DD 10/22/19		3,885,000	4,266,157
	GILEAD SCIENCES INC 4.150% 03/01/2047 DD 09/20/16		3,539,614	4,257,137
	GOLDMAN SACHS GROUP INC/THE 6.250% 02/01/2041 DD 01/28/11		2,866,508	4,186,372
	MEXICO GOVERNMENT INTERNATIONA 5.000% 04/27/2051		3,485,689	4,170,750
	ANHEUSER-BUSCH COS LLC / ANHEU 4.700% 02/01/2036 DD 02/01/19		3,124,000	4,117,010
	VERIZON COMMUNICATIONS INC 4.750% 11/01/2041 DD 11/03/11		3,167,831	4,051,807
	AT&T INC 4.500% 03/09/2048 DD 09/07/16		3,040,212	4,031,026
	TOTAL CAPITAL INTERNATIONAL SA 3.127% 05/29/2050 DD 05/29/20		3,660,000	3,966,562
	ANHEUSER-BUSCH INBEV WORLDWIDE 4.439% 10/06/2048 DD 04/06/17		3,283,926	3,964,433
	APPLE INC 3.750% 11/13/2047 DD 11/13/17		3,525,989	3,954,364
	AMGEN INC 4.663% 06/15/2051 DD 12/15/16		2,973,096	3,907,975
	MEXICO GOVERNMENT INTERNATIONA 3.771% 05/24/2061 DD 11/24/20		3,738,000	3,893,127
	VERIZON COMMUNICATIONS INC 4.522% 09/15/2048 DD 03/13/15		2,919,856	3,888,767
	COMCAST CORP 3.400% 07/15/2046 DD 07/19/16		3,465,773	3,868,267
	UNION PACIFIC CORP 4.375% 11/15/2065 DD 10/29/15		3,333,412	3,853,949
	WELLS FARGO BANK NA 5.850% 02/01/2037 DD 01/29/07		2,928,435	3,826,875
	JPMORGAN CHASE & CO VAR RT 04/23/2029 DD 04/23/18		3,439,807	3,815,630
	BP CAPITAL MARKETS AMERICA INC 2.772% 11/10/2050 DD 08/10/20		3,724,739	3,712,223
	MIDAMERICAN ENERGY CO 4.250% 07/15/2049 DD 01/09/19		3,365,665	3,698,946
	BOEING CO/THE 5.805% 05/01/2050 DD 05/04/20		2,645,000	3,645,207
	VERIZON COMMUNICATIONS INC 3.850% 11/01/2042 DD 11/07/12		2,610,225	3,635,182
	WELLS FARGO BANK NA 6.600% 01/15/2038 DD 12/07/07		2,590,069	3,619,381
	WALMART INC 4.050% 06/29/2048 DD 06/27/18		2,969,103	3,596,183
	EXXON MOBIL CORP 3.452% 04/15/2051 DD 04/15/20		3,110,000	3,554,388
	HSBC HOLDINGS PLC VAR RT 06/19/2029 DD 06/19/18		3,000,000	3,549,150
	CITIGROUP INC VAR RT 03/31/2031 DD 03/31/20		2,925,000	3,547,031
	INTEL CORP 3.250% 11/15/2049 DD 11/21/19		3,128,216	3,503,284
	BOEING CO/THE 5.705% 05/01/2040 DD 05/04/20		2,675,000	3,471,401
	ANHEUSER-BUSCH INBEV WORLDWIDE 5.550% 01/23/2049 DD 01/23/19		2,683,080	3,433,816
	SHELL INTERNATIONAL FINANCE BV 6.375% 12/15/2038 DD 12/11/08		2,593,534	3,421,990
	UNITEDHEALTH GROUP INC 3.500% 08/15/2039 DD 07/25/19		3,050,090	3,420,158

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	JPMORGAN CHASE & CO VAR RT 07/24/2038 DD 07/24/17	\$ 3,107,151	\$ 3,367,272	
	MICROSOFT CORP 3.500% 11/15/2042 DD 11/07/12	2,663,715	3,354,884	
	LOCKHEED MARTIN CORP 4.070% 12/15/2042 DD 12/14/12	3,005,487	3,346,135	
	GOLDMAN SACHS GROUP INC/THE VAR RT 10/31/2038 DD 10/31/17	2,992,573	3,343,732	
	BIOGEN INC 5.200% 09/15/2045 DD 09/15/15	2,489,674	3,326,855	
	BLACKROCK INC 1.900% 01/28/2031 DD 05/06/20	3,128,822	3,286,732	
	ENTERPRISE PRODUCTS OPERATING 4.800% 02/01/2049 DD 10/11/18	3,004,157	3,269,020	
	BRISTOL-MYERS SQUIBB CO 4.250% 10/26/2049 DD 04/26/20	2,540,754	3,259,067	
	NORTHWESTERN MUTUAL LIFE 144A 3.625% 09/30/2059 DD 09/20/19	2,809,882	3,232,406	
	AT&T INC 3.300% 02/01/2052 DD 08/04/20	3,253,112	3,227,267	
	RAYTHEON TECHNOLOGIES CORP 4.500% 06/01/2042 DD 06/01/12	2,671,662	3,207,865	
	JPMORGAN CHASE & CO VAR RT 10/15/2030 DD 09/12/19	2,950,000	3,207,624	
	APPLE INC 2.650% 05/11/2050 DD 05/11/20	2,976,844	3,205,277	
	EQUINOR ASA 3.625% 04/06/2040 DD 04/06/20	2,640,269	3,192,910	
	ORACLE CORP 4.000% 11/15/2047 DD 11/09/17	2,949,125	3,173,667	
	JPMORGAN CHASE & CO VAR RT 01/23/2049 DD 01/23/18	2,871,670	3,170,610	
	ANTHEM INC 4.550% 03/01/2048 DD 03/02/18	2,371,884	3,170,517	
	VERIZON COMMUNICATIONS IN 144A 2.987% 10/30/2056 DD 10/06/20	2,599,071	3,148,676	
	AMGEN INC 3.150% 02/21/2040 DD 02/21/20	2,875,506	3,115,292	
	GE CAPITAL INTERNATIONAL FUNDI 4.418% 11/15/2035 DD 05/15/16	2,739,840	3,103,230	
	ABBOTT LABORATORIES 4.750% 11/30/2036 DD 11/22/16	2,240,568	3,101,798	
	CORNING INC 5.450% 11/15/2079 DD 11/19/19	2,286,259	3,061,299	
	WELLS FARGO & CO 4.900% 11/17/2045 DD 11/17/15	2,553,923	3,047,410	
	PFIZER INC 4.000% 12/15/2036 DD 11/21/16	2,748,605	3,038,808	
	DUPONT DE NEMOURS INC 5.419% 11/15/2048 DD 11/28/18	2,087,118	3,008,041	
	NEW YORK LIFE INSURANCE C 144A 6.750% 11/15/2039 DD 10/08/09	2,494,385	3,000,043	
	ALTRIA GROUP INC 5.950% 02/14/2049 DD 02/14/19	2,587,565	2,985,446	
	BANK OF AMERICA CORP VAR RT 04/24/2038 DD 04/24/17	2,801,172	2,981,246	
	VISA INC 4.300% 12/14/2045 DD 12/14/15	2,276,934	2,972,336	
	DOW CHEMICAL CO/THE 3.600% 11/15/2050 DD 08/26/20	2,620,464	2,966,172	
	COMCAST CORP 4.700% 10/15/2048 DD 10/05/18	2,196,849	2,947,965	
	TRANSCANADA PIPELINES LTD 6.200% 10/15/2037 DD 10/05/07	2,629,673	2,944,968	
	WASTE MANAGEMENT INC 4.100% 03/01/2045 DD 02/26/15	2,462,896	2,935,085	
	ANHEUSER-BUSCH INBEV WORLDWIDE 4.439% 10/06/2048 DD 04/06/17	2,331,117	2,921,358	
	EQUINOR ASA 3.000% 04/06/2027 DD 04/06/20	2,602,082	2,911,410	
	AVALONBAY COMMUNITIES INC 4.350% 04/15/2048 DD 03/26/18	2,296,481	2,899,193	
	WYETH LLC 5.950% 04/01/2037 DD 03/27/07	2,408,904	2,894,859	
	ENERGY TRANSFER OPERATING LP 6.250% 04/15/2049 DD 01/15/19	2,880,313	2,860,609	
	APPLE INC 3.450% 02/09/2045 DD 02/09/15	2,382,601	2,839,847	
	MERCK & CO INC 2.450% 06/24/2050 DD 06/24/20	2,670,591	2,831,737	
	CSX CORP 4.750% 05/30/2042 DD 11/01/11	2,175,449	2,817,524	
	WALT DISNEY CO/THE 6.200% 12/15/2034 DD 06/15/19	2,649,319	2,812,848	
	INTERNATIONAL BUSINESS MACHINE 4.250% 05/15/2049 DD 05/15/19	2,234,029	2,806,159	
	CVS HEALTH CORP 5.050% 03/25/2048 DD 03/09/18	2,083,345	2,801,364	
	MICROSOFT CORP 4.100% 02/06/2037 DD 02/06/17	2,100,432	2,762,686	
	SOUTHERN CO/THE 4.400% 07/01/2046 DD 05/24/16	2,484,113	2,742,222	
	BANK OF AMERICA CORP VAR RT 03/20/2051 DD 03/20/20	2,165,000	2,734,114	
	FEDEX CORP 4.050% 02/15/2048 DD 01/31/18	2,250,598	2,731,775	
	BANK OF AMERICA CORP VAR RT 06/19/2041 DD 06/19/20	2,641,103	2,729,778	
	GEORGIA POWER CO 4.300% 03/15/2042 DD 03/06/12	2,143,906	2,723,871	
	JPMORGAN CHASE & CO 5.600% 07/15/2041 DD 07/21/11	1,938,775	2,723,040	
	MOTIVA ENTERPRISES LLC 144A 6.850% 01/15/2040 DD 01/11/10	2,634,729	2,718,841	
	KINDER MORGAN INC 5.550% 06/01/2045 DD 11/26/14	2,102,889	2,711,624	
	AMGEN INC 4.563% 06/15/2048 DD 12/15/16	2,367,737	2,708,582	
	EXELON GENERATION CO LLC 6.250% 10/01/2039 DD 09/23/09	2,531,031	2,707,762	
	URUGUAY GOVERNMENT INTERNATION 5.100% 06/18/2050 DD 06/18/14	2,072,836	2,679,069	
	RAYTHEON TECHNOLOGIES CORP 4.450% 11/16/2038 DD 08/16/18	2,529,074	2,673,214	
	ANHEUSER-BUSCH COS LLC / ANHEU 4.900% 02/01/2046 DD 02/01/19	1,956,401	2,671,973	
	DUKE ENERGY PROGRESS LLC 4.150% 12/01/2044 DD 11/20/14	2,451,834	2,664,921	
	CVS HEALTH CORP 4.125% 04/01/2040 DD 03/31/20	2,301,341	2,663,201	
	SCENTRE GROUP TRUST 2 144A VAR RT 09/24/2080 DD 09/24/20	2,515,000	2,652,420	
	BURLINGTON NORTHERN SANTA FE L 3.900% 08/01/2046 DD 05/16/16	2,318,912	2,638,781	
	VIACOMCBS INC 5.250% 04/01/2044 DD 03/11/14	2,413,888	2,624,970	
	CHARTER COMMUNICATIONS OPERATI 6.484% 10/23/2045 DD 10/23/16	2,361,436	2,616,751	
	CVS HEALTH CORP 4.780% 03/25/2038 DD 03/09/18	2,251,520	2,602,377	
	COMCAST CORP 4.650% 07/15/2042 DD 07/02/12	2,118,327	2,590,645	
	UNITEDHEALTH GROUP INC 6.875% 02/15/2038 DD 02/07/08	1,679,596	2,572,131	
	EMERA US FINANCE LP 4.750% 06/15/2046 DD 12/15/16	2,103,803	2,571,667	
	ORACLE CORP 3.800% 11/15/2037 DD 11/09/17	2,342,691	2,560,642	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	ANTHEM INC 4.650% 01/15/2043 DD 09/10/12	\$ 2,110,177	\$ 2,555,573	
	TIME WARNER CABLE LLC 6.750% 06/15/2039 DD 06/29/09	2,206,439	2,540,430	
	GENERAL ELECTRIC CO 4.250% 05/01/2040 DD 04/22/20	2,138,951	2,535,840	
	MARSH & MCLENNAN COS INC 4.900% 03/15/2049 DD 01/15/19	1,733,144	2,515,039	
	PACIFIC GAS AND ELECTRIC CO 3.500% 08/01/2050 DD 06/19/20	2,509,067	2,509,623	
	TIME WARNER CABLE LLC 5.875% 11/15/2040 DD 11/15/10	2,053,505	2,509,349	
	LOWE'S COS INC 4.050% 05/03/2047 DD 05/03/17	2,042,359	2,497,381	
	BANK OF AMERICA CORP 4.750% 04/21/2045 DD 04/21/15	1,701,641	2,496,963	
	VERIZON COMMUNICATIONS INC 4.272% 01/15/2036 DD 07/15/15	1,894,524	2,494,203	
	RAYTHEON TECHNOLOGIES CORP 4.050% 05/04/2047 DD 05/04/17	2,279,660	2,491,480	
	ELECTRICITE DE FRANCE SA 144A 5.000% 09/21/2048 DD 09/21/18	1,814,872	2,467,502	
	STANFORD HEALTH CARE 3.310% 08/15/2030 DD 04/01/20	2,161,000	2,461,098	
	CSX CORP 4.100% 03/15/2044 DD 10/22/12	2,187,618	2,459,151	
	BERKSHIRE HATHAWAY FINANCE COR 4.200% 08/15/2048 DD 08/15/18	2,197,891	2,442,981	
	ABBVIE INC 4.050% 11/21/2039 DD 05/21/20	2,123,106	2,442,244	
	BOEING CO/THE 5.930% 05/01/2060 DD 05/04/20	1,919,443	2,432,882	
	GENERAL MOTORS CO 5.000% 04/01/2035 DD 11/12/14	1,998,022	2,432,242	
	CHARTER COMMUNICATIONS OPERATI 5.375% 05/01/2047 DD 11/01/17	1,986,430	2,421,333	
	DISCOVERY COMMUNICATIONS LLC 5.200% 09/20/2047 DD 09/21/17	2,121,745	2,417,141	
	ORACLE CORP 3.850% 07/15/2036 DD 07/07/16	2,040,044	2,413,912	
	INTEL CORP 4.750% 03/25/2050 DD 03/25/20	1,723,085	2,407,341	
	LOWE'S COS INC 5.000% 04/15/2040 DD 03/26/20	1,761,734	2,396,421	
	MORGAN STANLEY VAR RT 07/22/2038 DD 07/24/17	2,075,986	2,391,011	
	GENERAL ELECTRIC CO 5.875% 01/14/2038 DD 01/14/08	2,055,629	2,382,688	
	JOHNSON & JOHNSON 4.375% 12/05/2033 DD 12/05/13	1,942,407	2,376,282	
	MICROSOFT CORP 2.525% 06/01/2050 DD 06/01/20	2,117,891	2,370,606	
	ORACLE CORP 3.600% 04/01/2050 DD 04/01/20	2,143,256	2,363,947	
	SHELL INTERNATIONAL FINANCE BV 4.375% 05/11/2045 DD 05/11/15	1,780,984	2,351,970	
	KINDER MORGAN ENERGY PARTNERS 5.500% 03/01/2044 DD 02/24/14	1,894,538	2,331,748	
	AMAZON.COM INC 4.050% 08/22/2047 DD 02/22/18	2,129,279	2,323,992	
	HOME DEPOT INC/THE 5.875% 12/16/2036 DD 12/19/06	2,126,511	2,304,548	
	METLIFE INC 4.875% 11/13/2043 DD 11/13/13	1,604,922	2,297,596	
	AMGEN INC 3.375% 02/21/2050 DD 02/21/20	2,115,789	2,284,838	
	LOWE'S COS INC 4.050% 05/03/2047 DD 05/03/17	1,934,790	2,284,572	
	JPMORGAN CHASE & CO VAR RT 07/24/2048 DD 07/24/17	1,830,483	2,281,446	
	ABBVIE INC 4.050% 11/21/2039 DD 05/21/20	1,882,097	2,257,079	
	CONSOLIDATED EDISON CO OF NEW 3.950% 04/01/2050 DD 03/31/20	1,911,090	2,241,819	
	EQUINIX INC 2.950% 09/15/2051 DD 10/07/20	2,202,552	2,236,574	
	GOLDMAN SACHS GROUP INC/THE 6.250% 02/01/2041 DD 01/28/11	1,623,196	2,231,792	
	PFIZER INC 4.200% 09/15/2048 DD 09/07/18	1,772,546	2,227,018	
	GE CAPITAL INTERNATIONAL FUNDI 4.418% 11/15/2035 DD 05/15/16	1,625,193	2,225,971	
	HOME DEPOT INC/THE 3.300% 04/15/2040 DD 03/30/20	1,868,299	2,221,661	
	REYNOLDS AMERICAN INC 5.850% 08/15/2045 DD 06/12/15	2,015,822	2,218,631	
	MORGAN STANLEY VAR RT 07/22/2038 DD 07/24/17	1,988,932	2,212,302	
	ABBVIE INC 4.500% 05/14/2035 DD 05/14/15	1,731,347	2,210,683	
	SOUTHERN CALIFORNIA EDISON CO 3.600% 02/01/2045 DD 01/16/15	2,020,476	2,198,572	
	JOHNSON & JOHNSON 3.700% 03/01/2046 DD 03/01/16	1,968,502	2,193,499	
	DUKE ENERGY CAROLINAS LLC 3.750% 06/01/2045 DD 03/12/15	1,999,146	2,180,963	
	VODAFONE GROUP PLC 4.375% 02/19/2043 DD 02/19/13	1,633,380	2,173,430	
	DOMINION ENERGY INC 4.700% 12/01/2044 DD 11/25/14	1,643,928	2,159,883	
	BRISTOL-MYERS SQUIBB CO 4.250% 10/26/2049 DD 04/26/20	2,072,527	2,150,173	
	MERCK & CO INC 3.700% 02/10/2045 DD 02/10/15	1,956,423	2,143,481	
	WALGREENS BOOTS ALLIANCE INC 4.500% 11/18/2034 DD 11/18/14	1,857,430	2,141,953	
	ASTRAZENECA PLC 6.450% 09/15/2037 DD 09/12/07	1,602,970	2,137,567	
	ANHEUSER-BUSCH INBEV WORLDWIDE 5.550% 01/23/2049 DD 01/23/19	1,538,756	2,137,071	
	HOME DEPOT INC/THE 4.200% 04/01/2043 DD 04/05/13	1,595,156	2,126,743	
	CITIGROUP INC 5.875% 01/30/2042 DD 01/26/12	1,485,640	2,126,362	
	COMCAST CORP 3.400% 04/01/2030 DD 03/27/20	1,831,752	2,121,902	
	SHELL INTERNATIONAL FINANCE BV 4.375% 05/11/2045 DD 05/11/15	1,935,139	2,095,032	
	BURLINGTON NORTHERN SANTA FE L 4.375% 09/01/2042 DD 08/23/12	1,570,858	2,088,167	
	ABBVIE INC 4.250% 11/21/2049 DD 05/21/20	1,682,821	2,081,341	
	CVS HEALTH CORP 5.050% 03/25/2048 DD 03/09/18	1,789,573	2,080,355	
	CANADIAN NATURAL RESOURCES LTD 6.750% 02/01/2039 DD 01/17/08	1,578,885	2,078,955	
	ENTERPRISE PRODUCTS OPERATING 4.900% 05/15/2046 DD 05/07/15	1,764,362	2,074,664	
	VERIZON COMMUNICATIONS INC 4.125% 08/15/2046 DD 08/01/16	1,880,446	2,073,546	
	ABBOTT LABORATORIES 4.750% 11/30/2036 DD 11/22/16	1,894,152	2,070,158	
	ENERGY TRANSFER OPERATING LP 5.000% 05/15/2050 DD 01/22/20	1,969,578	2,067,237	
	CITIGROUP INC VAR RT 04/24/2048 DD 04/25/17	1,574,000	2,059,311	
	ISRAEL ST AID 5.500% 09/18/2033 DD 09/18/03	1,485,786	2,058,185	

American Electric Power System Retirement Plan

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December 31, 2020

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	NORFOLK SOUTHERN CORP 3.050% 05/15/2050 DD 05/11/20	\$ 1,880,570	\$ 2,053,689	
	SOUTHERN CALIFORNIA EDISON CO 4.500% 09/01/2040 DD 08/30/10	1,721,828	2,048,245	
	ALIMENTATION COUCHE-TARD 144A 3.800% 01/25/2050 DD 01/27/20	1,634,363	2,044,879	
	CONSOLIDATED EDISON CO OF NEW 5.500% 12/01/2039 DD 12/04/09	1,767,887	2,043,520	
	MORGAN STANLEY 7.250% 04/01/2032 DD 04/03/02	1,517,856	2,029,374	
	APPLE INC 3.750% 11/13/2047 DD 11/13/17	1,591,839	2,024,483	
	ABBVIE INC 4.250% 11/21/2049 DD 05/21/20	1,608,455	2,006,112	
	PEPSICO INC 4.250% 10/22/2044 DD 10/22/14	1,681,736	2,002,852	
	NUTRIEN LTD 4.125% 03/15/2035 DD 03/15/18	1,607,421	1,997,072	
	CORNING INC 5.850% 11/15/2068 DD 11/06/18	1,353,008	1,996,823	
	UNITEDHEALTH GROUP INC 4.250% 06/15/2048 DD 06/19/18	1,739,633	1,996,333	
	BANK OF AMERICA CORP VAR RT 03/15/2050 DD 03/15/19	1,848,095	1,990,258	
	PARKER-HANNIFIN CORP 4.200% 11/21/2034 DD 11/21/14	1,603,283	1,983,587	
	FEDEX CORP 5.250% 05/15/2050 DD 04/07/20	1,642,649	1,975,920	
	ANTHEM INC 4.650% 08/15/2044 DD 08/12/14	1,701,472	1,972,950	
	CITIGROUP INC VAR RT 03/26/2041 DD 03/26/20	1,400,000	1,971,368	
	GOLDMAN SACHS GROUP INC/THE 3.800% 03/15/2030 DD 03/19/20	1,656,707	1,965,022	
	BANK OF AMERICA CORP VAR RT 03/20/2051 DD 03/20/20	1,555,000	1,963,763	
	APPLE INC 4.650% 02/23/2046 DD 02/23/16	1,529,959	1,963,036	
	AMGEN INC 3.375% 02/21/2050 DD 02/21/20	1,890,486	1,960,826	
	BERKSHIRE HATHAWAY ENERGY CO 3.800% 07/15/2048 DD 01/05/18	1,616,585	1,951,876	
	ABBOTT LABORATORIES 4.750% 11/30/2036 DD 11/22/16	1,511,414	1,951,863	
	WALMART INC 4.050% 06/29/2048 DD 06/27/18	1,762,171	1,940,582	
	NIKE INC 3.375% 03/27/2050 DD 03/27/20	1,648,806	1,934,887	
	ORACLE CORP 3.600% 04/01/2040 DD 04/01/20	1,867,635	1,932,464	
	OGLETHORPE POWER CORP 5.050% 10/01/2048 DD 04/01/19	1,908,269	1,930,111	
	GENERAL ELECTRIC CO 6.750% 03/15/2032 DD 03/20/02	1,489,048	1,927,833	
	PACIFICORP 6.250% 10/15/2037 DD 10/03/07	1,857,381	1,926,551	
	AMAZON.COM INC 4.950% 12/05/2044 DD 12/05/14	1,695,706	1,915,915	
	COLOMBIA GOVERNMENT INTERNATIO 5.000% 06/15/2045 DD 01/28/15	1,590,633	1,915,400	
	BAT CAPITAL CORP 4.540% 08/15/2047 DD 08/15/18	1,769,699	1,907,753	
	COMCAST CORP 3.969% 11/01/2047 DD 10/19/17	1,711,275	1,907,212	
	DOMINION ENERGY INC 4.050% 09/15/2042 DD 09/13/12	1,560,670	1,906,834	
	METLIFE INC 5.875% 02/06/2041 DD 08/06/10	1,473,570	1,904,063	
	MEXICO GOVERNMENT INTERNATIONA 4.500% 01/31/2050 DD 07/31/19	1,553,488	1,891,569	
	HSBC HOLDINGS PLC VAR RT 08/18/2031 DD 08/18/20	1,830,000	1,890,061	
	ORACLE CORP 4.300% 07/08/2034 DD 07/08/14	1,502,053	1,885,774	
	TECK RESOURCES LTD 6.250% 07/15/2041 DD 07/05/11	1,583,845	1,885,758	
	UNITEDHEALTH GROUP INC 2.750% 05/15/2040 DD 05/18/20	1,684,407	1,882,180	
	RAYTHEON TECHNOLOGIES CORP 4.625% 11/16/2048 DD 08/16/18	1,386,758	1,881,634	
	ANHEUSER-BUSCH INBEV WORLDWIDE 5.450% 01/23/2039 DD 01/23/19	1,381,150	1,881,578	
	MCDONALD'S CORP 4.450% 03/01/2047 DD 03/09/17	1,676,394	1,877,546	
	BURLINGTON NORTHERN SANTA FE L 4.550% 09/01/2044 DD 08/18/14	1,642,191	1,870,789	
	MORGAN STANLEY 6.375% 07/24/2042 DD 07/24/12	1,394,621	1,869,980	
	WALT DISNEY CO/THE 4.625% 03/23/2040 DD 03/23/20	1,586,120	1,869,588	
	GOLDMAN SACHS GROUP INC/THE 5.150% 05/22/2045 DD 05/22/15	1,631,447	1,867,397	
	ABBVIE INC 4.400% 11/06/2042 DD 05/06/13	1,465,596	1,864,804	
	WELLS FARGO & CO VAR RT 04/04/2051 DD 03/30/20	1,310,000	1,861,798	
	PUBLIC SERVICE ELECTRIC AND GA 4.050% 05/01/2048 DD 05/04/18	1,436,055	1,857,605	
	SUNOCO LOGISTICS PARTNERS OPER 4.950% 01/15/2043 DD 01/10/13	1,810,888	1,856,174	
	DUPONT DE NEMOURS INC 5.319% 11/15/2038 DD 11/28/18	1,370,000	1,855,542	
	MORGAN STANLEY VAR RT 07/22/2038 DD 07/24/17	1,505,000	1,854,882	
	DUKE ENERGY PROGRESS LLC 3.600% 09/15/2047 DD 09/08/17	1,527,751	1,853,825	
	PACIFICORP 3.300% 03/15/2051 DD 04/08/20	1,704,125	1,850,305	
	NIKE INC 2.850% 03/27/2030 DD 03/27/20	1,627,604	1,846,578	
	VIACOMCBS INC 4.950% 05/19/2050 DD 05/19/20	1,447,169	1,839,354	
	COMCAST CORP 4.000% 03/01/2048 DD 02/08/18	1,433,618	1,839,323	
	MICROSOFT CORP 3.450% 08/08/2036 DD 08/08/16	1,484,234	1,837,364	
	NATIONWIDE MUTUAL INSURAN 144A 9.375% 08/15/2039 DD 08/10/09	1,819,036	1,836,829	
	UNION PACIFIC CORP 4.150% 01/15/2045 DD 08/12/14	1,452,462	1,830,814	
	GILEAD SCIENCES INC 4.500% 02/01/2045 DD 11/17/14	1,644,615	1,828,864	
	ABBVIE INC 4.500% 05/14/2035 DD 05/14/15	1,580,605	1,827,582	
	DISCOVERY COMMUNICATIONS LLC 4.650% 05/15/2050 DD 05/18/20	1,458,131	1,826,095	
	ABBVIE INC 4.875% 11/14/2048 DD 09/18/18	1,388,685	1,823,130	
	MORGAN STANLEY VAR RT 03/24/2051 DD 03/24/20	1,130,000	1,819,244	
	BANK OF AMERICA CORP VAR RT 01/20/2048 DD 01/20/17	1,536,746	1,802,743	
	MASTERCARD INC 3.850% 03/26/2050 DD 03/26/20	1,623,889	1,800,554	
	VIATRIS INC 144A 3.850% 06/22/2040 DD 06/22/20	1,591,682	1,800,229	
	HONEYWELL INTERNATIONAL INC 1.950% 06/01/2030 DD 05/18/20	1,698,147	1,796,203	

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	BERKSHIRE HATHAWAY FINANCE COR 4.300% 05/15/2043 DD 05/15/13	\$ 1,655,484	\$ 1,791,238	
	APPLE INC 4.650% 02/23/2046 DD 02/23/16	1,252,730	1,791,040	
	INTERCONTINENTAL EXCHANGE INC 3.000% 06/15/2050 DD 05/26/20	1,659,658	1,785,909	
	MIDAMERICAN ENERGY CO 5.750% 11/01/2035 DD 11/01/05	1,466,140	1,784,797	
	AMERICAN TOWER CORP 2.950% 01/15/2051 DD 11/20/20	1,760,954	1,784,254	
	EXXON MOBIL CORP 4.227% 03/19/2040 DD 03/19/20	1,530,107	1,780,851	
	BANK OF AMERICA CORP 6.110% 01/29/2037 DD 01/29/07	1,348,686	1,776,967	
	PUBLIC SERVICE CO OF COLORADO 4.300% 03/15/2044 DD 03/10/14	1,350,000	1,776,391	
	TARGET CORP 2.650% 09/15/2030 DD 03/31/20	1,573,569	1,775,019	
	AT&T INC 3.300% 02/01/2052 DD 08/04/20	1,788,962	1,774,749	
	CROWN CASTLE INTERNATIONAL COR 4.150% 07/01/2050 DD 04/03/20	1,654,474	1,763,676	
	CVS HEALTH CORP 4.780% 03/25/2038 DD 03/09/18	1,549,269	1,761,102	
	ORACLE CORP 3.600% 04/01/2050 DD 04/01/20	1,640,404	1,759,271	
	SHELL INTERNATIONAL FINANCE BV 5.500% 03/25/2040 DD 03/25/10	1,636,155	1,753,452	
	SHELL INTERNATIONAL FINANCE BV 6.375% 12/15/2038 DD 12/11/08	1,454,817	1,752,992	
	NVIDIA CORP 3.500% 04/01/2050 DD 03/31/20	1,441,272	1,752,915	
	PHILLIPS 66 4.650% 11/15/2034 DD 11/17/14	1,427,178	1,750,675	
	BRISTOL-MYERS SQUIBB CO 4.250% 10/26/2049 DD 04/26/20	1,385,549	1,737,718	
	AMERICAN TOWER CORP 3.700% 10/15/2049 DD 10/03/19	1,620,314	1,733,933	
	CONOCOPHILLIPS 5.900% 05/15/2038 DD 05/08/08	1,468,533	1,731,036	
	QUALCOMM INC 4.300% 05/20/2047 DD 05/26/17	1,478,358	1,727,391	
	STRYKER CORP 4.375% 05/15/2044 DD 05/01/14	1,358,871	1,724,418	
	MORGAN STANLEY VAR RT 02/13/2032 DD 11/13/20	1,710,000	1,722,227	
	GLAXOSMITHKLINE CAPITAL INC 6.375% 05/15/2038 DD 05/13/08	1,379,447	1,721,001	
	CITIGROUP INC VAR RT 04/24/2048 DD 04/25/17	1,560,720	1,720,454	
	INTERNATIONAL PAPER CO 4.800% 06/15/2044 DD 06/10/14	1,395,014	1,719,817	
	AMAZON.COM INC 2.700% 06/03/2060 DD 06/03/20	1,581,056	1,710,944	
	BERKSHIRE HATHAWAY ENERGY 144A 2.850% 05/15/2051 DD 10/29/20	1,647,971	1,697,306	
	CARRIER GLOBAL CORP 3.577% 04/05/2050 DD 10/05/20	1,441,284	1,693,077	
	INTERNATIONAL BUSINESS MACHINE 4.150% 05/15/2039 DD 05/15/19	1,523,371	1,690,244	
	BANK OF AMERICA CORP VAR RT 03/15/2050 DD 03/15/19	1,402,124	1,676,698	
	VODAFONE GROUP PLC 5.250% 05/30/2048 DD 05/30/18	1,181,935	1,675,719	
	BOEING CO/THE 5.805% 05/01/2050 DD 05/04/20	1,320,785	1,660,671	
	SUNCOR ENERGY INC 6.500% 06/15/2038 DD 06/28/07	1,505,945	1,656,405	
	BROADCOM INC 4.300% 11/15/2032 DD 05/08/20	1,522,732	1,653,759	
	BANK OF AMERICA CORP VAR RT 07/23/2030 DD 07/23/19	1,475,000	1,653,018	
	DUKE ENERGY CAROLINAS LLC 4.250% 12/15/2041 DD 12/08/11	1,281,366	1,652,015	
	NORFOLK SOUTHERN CORP 4.150% 02/28/2048 DD 02/28/18	1,250,919	1,647,774	
	3M CO 3.250% 08/26/2049 DD 08/26/19	1,409,128	1,647,571	
	MEXICO GOVERNMENT INTERNATIONA 4.750% 03/08/2044 DD 03/08/12	1,369,908	1,641,139	
	CITIGROUP INC 4.750% 05/18/2046 DD 05/18/16	1,206,909	1,629,944	
	HOME DEPOT INC/THE 3.350% 04/15/2050 DD 03/30/20	1,393,789	1,620,875	
	TEXAS HEALTH RESOURCES 3.372% 11/15/2051 DD 09/18/19	1,540,922	1,618,478	
	PRUDENTIAL FINANCIAL INC 4.600% 05/15/2044 DD 05/15/14	1,283,710	1,617,667	
	GE CAPITAL INTERNATIONAL FUNDI 4.418% 11/15/2035 DD 05/15/16	1,145,230	1,617,260	
	FOMENTO ECONOMICO MEXICANO SAB 3.500% 01/16/2050 DD 01/16/20	1,432,463	1,613,560	
	BRITISH TELECOMMUNICATIONS PLC VAR RT 12/15/2030 DD 12/12/00	1,269,644	1,612,733	
	COSTCO WHOLESALE CORP 1.750% 04/20/2032 DD 04/20/20	1,541,833	1,605,765	
	NESTLE HOLDINGS INC 144A 3.900% 09/24/2038 DD 09/24/18	1,266,317	1,604,646	
	BERKSHIRE HATHAWAY ENERGY 144A 4.250% 10/15/2050 DD 03/27/20	1,505,292	1,592,022	
	METLIFE INC 6.500% 12/15/2032 DD 12/10/02	1,138,780	1,585,530	
	ABBVIE INC 4.875% 11/14/2048 DD 09/18/18	1,274,721	1,582,390	
	UNITEDHEALTH GROUP INC 4.625% 07/15/2035 DD 07/23/15	1,179,858	1,581,200	
	REYNOLDS AMERICAN INC 5.850% 08/15/2045 DD 06/12/15	1,397,601	1,579,256	
	PUBLIC SERVICE ELECTRIC AND GA 2.700% 05/01/2050 DD 05/08/20	1,483,921	1,575,005	
	AMERICAN WATER CAPITAL CORP 3.450% 05/01/2050 DD 04/14/20	1,391,711	1,574,034	
	WILLIAMS COS INC/THE 6.300% 04/15/2040 DD 02/09/10	1,459,781	1,573,319	
	T-MOBILE USA INC 144A 4.375% 04/15/2040 DD 04/09/20	1,261,582	1,570,616	
	WALT DISNEY CO/THE 3.500% 05/13/2040 DD 05/13/20	1,363,129	1,569,279	
	NOBLE ENERGY INC 5.050% 11/15/2044 DD 11/07/14	1,088,068	1,566,269	
	CVS HEALTH CORP 2.700% 08/21/2040 DD 08/21/20	1,544,289	1,562,999	
	COMCAST CORP 7.050% 03/15/2033 DD 03/14/03	1,240,949	1,558,522	
	LELAND STANFORD JUNIOR UNIVERS 2.413% 06/01/2050 DD 06/04/20	1,515,000	1,555,400	
	TRANSCANADA PIPELINES LTD 7.250% 08/15/2038 DD 08/11/08	1,164,277	1,550,569	
	COMCAST CORP 4.600% 08/15/2045 DD 05/27/15	1,330,421	1,548,063	
	TELEFONICA EMISIONES SA 5.213% 03/08/2047 DD 03/08/17	1,231,813	1,547,145	
	PAYPAL HOLDINGS INC 3.250% 06/01/2050 DD 05/18/20	1,334,881	1,545,784	
	INTEL CORP 3.250% 11/15/2049 DD 11/21/19	1,467,672	1,545,698	
	EQUINOR ASA 3.950% 05/15/2043 DD 05/15/13	1,259,900	1,542,484	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	AMERICA MOVIL SAB DE CV 6.375% 03/01/2035 DD 02/25/05	\$ 913,669	\$ 1,539,441	
	ALTRIA GROUP INC 3.875% 09/16/2046 DD 09/16/16	1,357,862	1,536,902	
	TELEFONICA EMISIONES SA 4.665% 03/06/2038 DD 03/06/18	1,404,763	1,536,614	
	GOLDMAN SACHS GROUP INC/THE 4.800% 07/08/2044 DD 07/08/14	1,366,384	1,528,624	
	EQUINOR ASA 3.950% 05/15/2043 DD 05/15/13	1,424,673	1,513,197	
	NBCUNIVERSAL MEDIA LLC 4.450% 01/15/2043 DD 10/05/12	1,145,475	1,507,258	
	CLEVELAND ELECTRIC ILLUMINATIN 5.950% 12/15/2036 DD 12/11/06	1,545,083	1,504,307	
	VERIZON COMMUNICATIONS INC 4.500% 08/10/2033 DD 08/10/17	1,186,644	1,501,554	
	STARBUCKS CORP 3.350% 03/12/2050 DD 03/12/20	1,395,650	1,497,919	
	JPMORGAN CHASE & CO VAR RT 01/23/2049 DD 01/23/18	1,324,327	1,493,906	
	ABBVIE INC 4.250% 11/21/2049 DD 05/21/20	1,178,826	1,484,523	
	EXXON MOBIL CORP 4.327% 03/19/2050 DD 03/19/20	1,167,472	1,479,464	
	NIKE INC 3.250% 03/27/2040 DD 03/27/20	1,262,050	1,477,251	
	TAKEDA PHARMACEUTICAL CO LTD 3.175% 07/09/2050 DD 07/09/20	1,415,339	1,470,386	
	UNION PACIFIC CORP 3.839% 03/20/2060 DD 03/20/20	1,252,115	1,468,078	
	BANK OF AMERICA CORP VAR RT 04/24/2038 DD 04/24/17	1,190,000	1,465,985	
	GEORGIA POWER CO 4.300% 03/15/2043 DD 03/15/13	1,312,519	1,462,657	
	CONSUMERS ENERGY CO 3.100% 08/15/2050 DD 09/03/19	1,296,239	1,456,522	
	PHILIP MORRIS INTERNATIONAL IN 3.875% 08/21/2042 DD 08/21/12	1,070,510	1,454,151	
	TJX COS INC/THE 3.875% 04/15/2030 DD 04/01/20	1,208,488	1,451,903	
	ALABAMA POWER CO 4.300% 07/15/2048 DD 06/28/18	1,175,475	1,450,851	
	FEDEX CORP 4.550% 04/01/2046 DD 03/24/16	1,194,749	1,449,886	
	BANK OF AMERICA CORP VAR RT 03/15/2050 DD 03/15/19	1,264,498	1,449,727	
	MPLX LP 4.700% 04/15/2048 DD 02/08/18	1,247,476	1,446,774	
	GOLDMAN SACHS GROUP INC/THE 6.750% 10/01/2037 DD 10/03/07	961,341	1,444,471	
	MORGAN STANLEY VAR RT 01/22/2031 DD 01/22/20	1,325,000	1,442,594	
	SUNCOR ENERGY INC 5.950% 12/01/2034 DD 12/01/03	1,290,402	1,439,649	
	BALTIMORE GAS AND ELECTRIC CO 6.350% 10/01/2036 DD 04/01/07	1,156,848	1,430,707	
	WALMART INC 3.950% 06/28/2038 DD 06/27/18	1,108,386	1,428,694	
	NISOURCE INC 3.950% 03/30/2048 DD 09/14/17	1,158,747	1,424,944	
	SHELL INTERNATIONAL FINANCE BV 4.375% 05/11/2045 DD 05/11/15	1,073,704	1,423,040	
	NORTHWESTERN UNIVERSITY 2.640% 12/01/2050 DD 05/28/20	1,335,000	1,422,723	
	PECO ENERGY CO 3.700% 09/15/2047 DD 09/18/17	1,298,063	1,421,951	
	PERUVIAN GOVERNMENT INTERNATIO 2.780% 12/01/2060 DD 12/01/20	1,388,581	1,412,600	
	AT&T INC 3.500% 06/01/2041 DD 05/28/20	1,333,432	1,406,921	
	ROYALTY PHARMA PLC 144A 3.550% 09/02/2050 DD 09/02/20	1,291,228	1,406,394	
	LOCKHEED MARTIN CORP 6.150% 09/01/2036 DD 08/30/06	1,348,511	1,406,046	
	GENERAL DYNAMICS CORP 4.250% 04/01/2040 DD 03/25/20	1,194,997	1,405,847	
	AON PLC 4.600% 06/14/2044 DD 05/28/14	1,056,245	1,403,941	
	WESTERN MIDSTREAM OPERATING LP VAR RT 02/01/2050 DD 01/13/20	1,277,538	1,403,600	
	PEPSICO INC 3.625% 03/19/2050 DD 03/19/20	1,099,188	1,402,168	
	DUPONT DE NEMOURS INC 5.419% 11/15/2048 DD 11/28/18	1,289,266	1,400,846	
	MCDONALD'S CORP 6.300% 10/15/2037 DD 10/18/07	1,287,622	1,400,450	
	J M SMUCKER CO/THE 4.250% 03/15/2035 DD 09/15/15	1,135,748	1,398,085	
	GILEAD SCIENCES INC 4.500% 02/01/2045 DD 11/17/14	1,131,383	1,395,545	
	WACHOVIA CORP 5.500% 08/01/2035 DD 08/01/05	1,129,875	1,387,980	
	BECTON DICKINSON AND CO 4.669% 06/06/2047 DD 06/06/17	1,149,892	1,387,904	
	KINDER MORGAN ENERGY PARTNERS 5.400% 09/01/2044 DD 09/11/14	1,131,799	1,383,919	
	MASTERCARD INC 3.350% 03/26/2030 DD 03/26/20	1,187,691	1,383,661	
	COMCAST CORP 4.950% 10/15/2058 DD 10/05/18	1,186,869	1,381,617	
	GLAXOSMITHKLINE CAPITAL INC 6.375% 05/15/2038 DD 05/13/08	1,094,444	1,381,538	
	BP CAPITAL MARKETS PLC 3.723% 11/28/2028 DD 11/28/16	1,188,000	1,380,622	
	VIATRIS INC 144A 4.000% 06/22/2050 DD 06/22/20	1,201,867	1,380,556	
	COMCAST CORP 3.900% 03/01/2038 DD 02/08/18	1,086,475	1,379,256	
	EQUINOR ASA 2.875% 04/06/2025 DD 04/06/20	1,373,299	1,376,185	
	MASTERCARD INC 3.650% 06/01/2049 DD 05/31/19	1,177,508	1,372,775	
	METLIFE INC 4.050% 03/01/2045 DD 03/05/15	1,231,683	1,371,901	
	SUNCOR ENERGY INC 6.500% 06/15/2038 DD 06/28/07	1,006,627	1,369,854	
	VODAFONE GROUP PLC 4.250% 09/17/2050 DD 09/17/19	1,155,086	1,367,370	
	SEMPRA ENERGY 3.800% 02/01/2038 DD 01/12/18	1,234,913	1,366,794	
	CONOCOPHILLIPS CO 6.950% 04/15/2029 DD 04/20/99	1,293,201	1,366,326	
	T-MOBILE USA INC 144A 3.000% 02/15/2041 DD 10/06/20	1,283,282	1,363,287	
	DEERE & CO 3.750% 04/15/2050 DD 03/30/20	1,179,293	1,361,823	
	UNUM GROUP 4.500% 12/15/2049 DD 09/11/19	1,146,385	1,359,325	
	ABBVIE INC 4.550% 03/15/2035 DD 09/15/20	1,248,688	1,359,133	
	DUPONT DE NEMOURS INC 4.205% 11/15/2023 DD 11/28/18	1,321,487	1,356,985	
	DTE ELECTRIC CO 4.300% 07/01/2044 DD 07/02/14	1,061,671	1,355,729	
	DUKE ENERGY INDIANA LLC 3.250% 10/01/2049 DD 09/27/19	1,166,313	1,351,132	
	WALT DISNEY CO/THE 3.600% 01/13/2051 DD 05/13/20	1,260,062	1,349,708	

American Electric Power System Retirement Plan

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December 31, 2020

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
*	PPL ELECTRIC UTILITIES CORP 4.125% 06/15/2044 DD 06/05/14	\$ 1,074,892	\$ 1,345,062	
	APPLE INC 4.375% 05/13/2045 DD 05/13/15	976,423	1,343,061	
	CHARTER COMMUNICATIONS OPERATI 3.700% 04/01/2051 DD 04/17/20	1,322,456	1,339,613	
	NBCUNIVERSAL MEDIA LLC 5.950% 04/01/2041 DD 04/01/11	872,559	1,336,396	
	MORGAN STANLEY 4.300% 01/27/2045 DD 01/27/15	1,158,891	1,336,110	
	BIOGEN INC 3.150% 05/01/2050 DD 04/30/20	1,262,710	1,335,566	
	AMAZON.COM INC 3.875% 08/22/2037 DD 02/22/18	1,247,027	1,334,793	
	WELLS FARGO & CO VAR RT 06/02/2028 DD 06/02/20	1,262,867	1,330,775	
	ISRAEL GOVERNMENT INTERNATIONA 4.125% 01/17/2048 DD 01/17/18	1,027,740	1,327,031	
	PEPSICO INC 3.500% 03/19/2040 DD 03/19/20	1,096,514	1,325,459	
	VERIZON COMMUNICATIONS IN 144A 2.987% 10/30/2056 DD 10/06/20	1,215,437	1,316,646	
	TEACHERS INSURANCE & ANNU 144A 4.270% 05/15/2047 DD 05/08/17	1,048,634	1,315,484	
	BARCLAYS PLC VAR RT 12/10/2024 DD 12/10/20	1,305,000	1,314,252	
	UNITED PARCEL SERVICE INC 3.750% 11/15/2047 DD 11/14/17	1,032,402	1,312,266	
	GLENORE FINANCE CANADA L 144A 6.900% 11/15/2037 DD 11/20/07	1,071,973	1,311,349	
	MCDONALD'S CORP 4.600% 05/26/2045 DD 05/26/15	1,052,460	1,310,667	
	ALCON FINANCE CORP 144A 3.800% 09/23/2049 DD 09/23/19	1,144,543	1,309,523	
	PACIFIC GAS AND ELECTRIC CO 3.500% 08/01/2050 DD 06/19/20	1,289,374	1,306,992	
	REYNOLDS AMERICAN INC 5.700% 08/15/2035 DD 06/12/15	1,090,022	1,305,557	
	STARBUCKS CORP 4.450% 08/15/2049 DD 05/13/19	983,266	1,299,363	
	CONAGRA BRANDS INC 5.400% 11/01/2048 DD 10/22/18	1,118,898	1,298,679	
	SUNCOR ENERGY INC 4.000% 11/15/2047 DD 11/15/17	1,265,325	1,298,574	
	BOEING CO/THE 5.705% 05/01/2040 DD 05/04/20	1,000,000	1,297,720	
	UNITED PARCEL SERVICE INC 5.300% 04/01/2050 DD 03/24/20	854,995	1,295,977	
	LOCKHEED MARTIN CORP 3.600% 03/01/2035 DD 02/20/15	1,080,412	1,287,312	
	PANAMA GOVERNMENT INTERNATIONA 4.300% 04/29/2053 DD 04/29/13	1,002,414	1,286,523	
	AMERICAN WATER CAPITAL CORP 3.750% 09/01/2047 DD 08/10/17	1,144,897	1,286,040	
	CVS HEALTH CORP 3.750% 04/01/2030 DD 03/31/20	1,102,536	1,285,966	
	DELL INTERNATIONAL LLC / 144A 8.350% 07/15/2046 DD 06/01/16	1,084,114	1,284,384	
	ORACLE CORP 3.600% 04/01/2040 DD 04/01/20	1,111,216	1,282,453	
	VODAFONE GROUP PLC 5.250% 05/30/2048 DD 05/30/18	912,714	1,281,514	
	CONSUMERS ENERGY CO 2.500% 05/01/2060 DD 05/13/20	1,259,192	1,276,198	
	MICROSOFT CORP 3.700% 08/08/2046 DD 08/08/16	1,234,525	1,274,330	
	INTEL CORP 3.734% 12/08/2047 DD 06/08/18	1,201,511	1,272,739	
	T-MOBILE USA INC 144A 4.500% 04/15/2050 DD 04/09/20	1,059,589	1,270,392	
	BOSTON SCIENTIFIC CORP 4.550% 03/01/2039 DD 02/25/19	1,163,475	1,256,092	
	MCDONALD'S CORP 3.625% 09/01/2049 DD 08/12/19	1,186,309	1,255,666	
	ENERGY TRANSFER OPERATING LP 6.250% 04/15/2049 DD 01/15/19	1,051,652	1,249,475	
	ENEL FINANCE INTERNATIONA 144A 4.875% 06/14/2029 DD 09/14/18	1,121,200	1,248,540	
	CHARTER COMMUNICATIONS OPERATI 3.850% 04/01/2061 DD 12/04/20	1,233,543	1,245,065	
	CISCO SYSTEMS INC 5.500% 01/15/2040 DD 11/17/09	915,959	1,242,261	
	ENTERPRISE PRODUCTS OPERATING 5.100% 02/15/2045 DD 02/12/14	1,020,959	1,239,599	
	JPMORGAN CHASE & CO VAR RT 05/13/2031 DD 05/13/20	1,130,000	1,239,147	
	TENCENT HOLDINGS LTD 144A 3.975% 04/11/2029 DD 04/11/19	1,097,610	1,230,530	
	MORGAN STANLEY 6.375% 07/24/2042 DD 07/24/12	776,315	1,228,144	
	THERMO FISHER SCIENTIFIC INC 4.100% 08/15/2047 DD 08/14/17	904,249	1,226,896	
	DEUTSCHE TELEKOM INTERNATIONAL VAR RT 06/15/2030 DD 07/06/00	1,051,237	1,226,190	
	EXELON CORP 5.100% 06/15/2045 DD 12/15/15	901,959	1,226,076	
	PHILIP MORRIS INTERNATIONAL IN 4.375% 11/15/2041 DD 11/15/11	1,204,861	1,223,236	
	ATMOS ENERGY CORP 4.125% 10/15/2044 DD 10/15/14	970,173	1,222,475	
	VISA INC 2.000% 08/15/2050 DD 08/17/20	1,266,278	1,222,464	
	BOSTON SCIENTIFIC CORP 4.550% 03/01/2039 DD 02/25/19	952,635	1,221,661	
	KEURIG DR PEPPER INC 4.985% 05/25/2038 DD 05/25/19	1,065,260	1,219,793	
	CSX CORP 4.750% 11/15/2048 DD 11/15/18	899,996	1,218,052	
	EMERA US FINANCE LP 4.750% 06/15/2046 DD 12/15/16	1,126,066	1,217,418	
	ASTRAZENECA PLC 4.000% 09/18/2042 DD 09/18/12	965,679	1,217,128	
	FOX CORP 5.476% 01/25/2039 DD 01/25/20	885,000	1,213,618	
	CHEVRON CORP 2.978% 05/11/2040 DD 05/11/20	1,095,000	1,212,242	
	PHILIPPINE GOVERNMENT INTERNAT 2.950% 05/05/2045 DD 05/05/20	1,194,170	1,205,868	
	CLECO CORPORATE HOLDINGS LLC VAR RT 05/01/2046 DD 11/01/16	1,173,163	1,205,358	
	ANTHEM INC 4.375% 12/01/2047 DD 11/21/17	934,991	1,205,140	
	FEDEX CORP 5.250% 05/15/2050 DD 04/07/20	1,174,309	1,203,966	
	DISCOVERY COMMUNICATIONS 144A 4.000% 09/15/2055 DD 09/21/20	935,249	1,202,128	
	NORTHROP GRUMMAN CORP 5.150% 05/01/2040 DD 03/23/20	1,171,850	1,195,603	
	WELLS FARGO & CO 4.400% 06/14/2046 DD 06/14/16	907,594	1,195,498	
	MORGAN STANLEY VAR RT 03/24/2051 DD 03/24/20	1,054,593	1,194,583	
	UNITEDHEALTH GROUP INC 5.800% 03/15/2036 DD 03/02/06	817,612	1,194,321	
	CONAGRA BRANDS INC 5.300% 11/01/2038 DD 10/22/18	1,165,299	1,189,841	
	DISCOVERY COMMUNICATIONS LLC 4.650% 05/15/2050 DD 05/18/20	957,436	1,188,213	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year) EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	NORTHERN NATURAL GAS CO 144A 4.100% 09/15/2042 DD 08/27/12	\$ 967,330	\$ 1,185,820	
	BRIGHTHOUSE FINANCIAL INC 4.700% 06/22/2047 DD 12/22/17	1,110,196	1,185,224	
	ONCOR ELECTRIC DELIVERY CO LLC 3.750% 04/01/2045 DD 10/01/15	1,109,105	1,184,787	
	ANHEUSER-BUSCH COS LLC / ANHEU 4.900% 02/01/2046 DD 02/01/19	950,463	1,184,510	
	TRANSCANADA PIPELINES LTD 6.200% 10/15/2037 DD 10/05/07	1,110,415	1,183,557	
	INTEL CORP 3.100% 02/15/2060 DD 02/13/20	1,067,916	1,183,532	
	AMERICAN INTERNATIONAL GROUP I 4.500% 07/16/2044 DD 07/16/14	885,032	1,180,151	
	CHARTER COMMUNICATIONS OPERATI 3.850% 04/01/2061 DD 12/04/20	1,168,619	1,179,536	
	WALT DISNEY CO/THE 4.700% 03/23/2050 DD 03/23/20	829,289	1,179,404	
	CONSOLIDATED EDISON CO OF NEW 3.350% 04/01/2030 DD 03/31/20	1,022,663	1,174,578	
	COMCAST CORP 4.700% 10/15/2048 DD 10/05/18	1,102,487	1,173,598	
	WALMART INC 3.950% 06/28/2038 DD 06/27/18	1,089,758	1,173,570	
	NOBLE ENERGY INC 5.250% 11/15/2043 DD 11/08/13	876,315	1,169,270	
	ZOETIS INC 3.950% 09/12/2047 DD 09/12/17	856,321	1,167,928	
	GENERAL ELECTRIC CO 4.350% 05/01/2050 DD 04/22/20	961,690	1,167,504	
	ABBVIE INC 4.450% 05/14/2046 DD 05/12/16	923,004	1,165,326	
	SOUTHERN POWER CO 5.150% 09/15/2041 DD 09/22/11	1,140,901	1,162,989	
	DEVON ENERGY CORP 4.750% 05/15/2042 DD 05/14/12	1,012,202	1,162,736	
	NORFOLK SOUTHERN CORP 4.150% 02/28/2048 DD 02/28/18	1,060,933	1,162,462	
	CONOCO FUNDING CO 7.250% 10/15/2031 DD 10/11/01	946,469	1,161,423	
	ENTERPRISE PRODUCTS OPERATING 4.800% 02/01/2049 DD 10/11/18	914,388	1,161,196	
	NVIDIA CORP 3.500% 04/01/2040 DD 03/31/20	963,070	1,158,888	
	TENCENT HOLDINGS LTD 144A 3.240% 06/03/2050 DD 06/03/20	1,119,362	1,157,520	
	BURLINGTON NORTHERN SANTA FE L 4.150% 04/01/2045 DD 03/09/15	882,106	1,155,890	
	UNION ELECTRIC CO 4.000% 04/01/2048 DD 04/06/18	911,038	1,153,229	
	INTERNATIONAL PAPER CO 4.350% 08/15/2048 DD 08/09/17	971,085	1,152,510	
	DUKE REALTY LP 3.050% 03/01/2050 DD 02/21/20	1,028,937	1,151,200	
	BURLINGTON NORTHERN SANTA FE L 5.400% 06/01/2041 DD 05/19/11	858,588	1,150,611	
	COMCAST CORP 4.049% 11/01/2052 DD 10/19/17	930,409	1,148,515	
	BURLINGTON NORTHERN SANTA FE L 5.150% 09/01/2043 DD 08/22/13	834,782	1,148,457	
	GENERAL ELECTRIC CO 5.875% 01/14/2038 DD 01/14/08	865,647	1,141,196	
	ALPHABET INC 2.250% 08/15/2060 DD 08/05/20	1,168,283	1,141,025	
	DOMINION ENERGY INC 6.300% 03/15/2033 DD 03/06/03	958,776	1,136,625	
	NSTAR ELECTRIC CO 4.400% 03/01/2044 DD 03/07/14	859,023	1,130,892	
	VIRGINIA ELECTRIC AND POWER CO 4.450% 02/15/2044 DD 02/07/14	1,046,633	1,130,711	
	WALMART INC 5.250% 09/01/2035 DD 08/31/05	907,448	1,128,408	
	VIACOMCBS INC 5.850% 09/01/2043 DD 08/19/13	818,510	1,123,944	
	SYNGENTA FINANCE NV 144A 5.676% 04/24/2048 DD 04/24/18	1,134,234	1,122,304	
	VODAFONE GROUP PLC 5.250% 05/30/2048 DD 05/30/18	953,072	1,121,325	
	SOUTHERN COPPER CORP 5.875% 04/23/2045 DD 04/23/15	947,363	1,120,418	
	NORTHWELL HEALTHCARE INC 6.150% 11/01/2043 DD 09/17/13	976,891	1,119,983	
	BERKSHIRE HATHAWAY ENERGY CO 5.950% 05/15/2037 DD 05/11/07	965,295	1,117,201	
	AT&T INC 144A 3.650% 09/15/2059 DD 09/18/20	1,050,165	1,109,704	
	MPLX LP 5.200% 03/01/2047 DD 02/10/17	913,121	1,108,213	
	DUKE ENERGY OHIO INC 3.700% 06/15/2046 DD 06/23/16	1,024,572	1,102,245	
	MARSH & MCLENNAN COS INC 4.750% 03/15/2039 DD 01/15/19	1,002,018	1,096,966	
	WELLS FARGO & CO VAR RT 10/30/2030 DD 10/31/19	1,002,920	1,096,445	
	COMCAST CORP 4.500% 01/15/2043 DD 01/14/13	832,648	1,093,062	
	HSBC HOLDINGS PLC 7.625% 05/17/2032 DD 05/17/05	957,684	1,090,411	
	AMERICAN FINANCIAL GROUP INC/O 4.500% 06/15/2047 DD 06/02/17	923,413	1,090,293	
	SEMPRA ENERGY 4.000% 02/01/2048 DD 01/12/18	902,684	1,090,250	
	DISCOVERY COMMUNICATIONS LLC 5.300% 05/15/2049 DD 05/21/19	889,510	1,089,816	
	BAT CAPITAL CORP 3.984% 09/25/2050 DD 09/25/20	1,035,000	1,080,064	
	SOUTHWESTERN PUBLIC SERVICE CO 4.400% 11/15/2048 DD 11/05/18	814,711	1,077,718	
	VISA INC 4.300% 12/14/2045 DD 12/14/15	786,035	1,073,876	
	COMCAST CORP 2.450% 08/15/2052 DD 08/25/20	1,033,803	1,071,366	
	KROGER CO/THE 4.650% 01/15/2048 DD 07/24/17	930,254	1,071,077	
	NATWEST GROUP PLC VAR RT 11/01/2029 DD 11/01/19	1,007,480	1,069,682	
	AIR PRODUCTS AND CHEMICALS INC 2.700% 05/15/2040 DD 04/30/20	987,248	1,066,963	
	HOME DEPOT INC/THE 4.200% 04/01/2043 DD 04/05/13	968,084	1,066,623	
	BURLINGTON NORTHERN SANTA FE L 4.050% 06/15/2048 DD 03/05/18	807,935	1,066,381	
	MEXICO GOVERNMENT INTERNATIONA 5.000% 04/27/2051 DD 04/27/20	1,037,609	1,064,475	
	INDONESIA GOVERNMENT INTERNATI 4.450% 04/15/2070 DD 04/15/20	900,370	1,064,123	
	CITIGROUP INC 8.125% 07/15/2039 DD 07/23/09	1,031,040	1,063,586	
	NATIONWIDE MUTUAL INSURAN 144A 4.350% 04/30/2050 DD 04/30/20	907,488	1,063,122	
	NORTHWESTERN MUTUAL LIFE 144A 3.850% 09/30/2047 DD 09/26/17	900,079	1,062,294	
	FORTIVE CORP 4.300% 06/15/2046 DD 06/15/17	928,889	1,062,018	
	JPMORGAN CHASE & CO VAR RT 11/19/2026 DD 11/19/20	1,050,000	1,061,865	
	NORTHROP GRUMMAN CORP 4.030% 10/15/2047 DD 10/13/17	828,124	1,061,493	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	CITIGROUP INC VAR RT 03/26/2041 DD 03/26/20	\$ 957,695	\$ 1,058,906	
	MICROSOFT CORP 2.675% 06/01/2060 DD 06/01/20	992,209	1,056,608	
	AMAZON.COM INC 4.050% 08/22/2047 DD 02/22/18	794,088	1,056,360	
	MARKEL CORP 5.000% 04/05/2046 DD 04/05/16	775,823	1,055,538	
	SHIRE ACQUISITIONS INVESTMENTS 2.875% 09/23/2023 DD 09/23/16	1,012,742	1,055,128	
	COLOMBIA GOVERNMENT INTERNATIO 5.200% 05/15/2049	891,438	1,047,173	
	BECTON DICKINSON AND CO 4.669% 06/06/2047 DD 06/06/17	983,216	1,043,883	
	AMERICAN INTERNATIONAL GROUP I 4.375% 06/30/2050 DD 05/11/20	790,977	1,040,949	
	ALIBABA GROUP HOLDING LTD 4.000% 12/06/2037 DD 12/06/17	969,805	1,037,881	
	HCA INC 5.250% 06/15/2049 DD 06/12/19	772,460	1,035,507	
	COCA-COLA CO/THE 2.750% 06/01/2060 DD 05/01/20	954,293	1,030,942	
	TENCENT HOLDINGS LTD 144A 3.925% 01/19/2038	977,716	1,028,273	
	DUKE ENERGY CAROLINAS LLC 3.950% 03/15/2048 DD 03/01/18	952,246	1,023,325	
	TRUIST FINANCIAL CORP VAR RT 02/01/2021 DD 10/26/17	1,020,000	1,020,000	
	WELLS FARGO & CO VAR RT 02/11/2031 DD 02/11/20	960,301	1,018,618	
	ISRAEL GOVERNMENT INTERNATIONA 4.125% 01/17/2048	782,874	1,017,823	
	FIFTH THIRD BANCORP 8.250% 03/01/2038 DD 03/04/08	766,436	1,017,529	
	COCA-COLA CO/THE 2.500% 06/01/2040 DD 05/01/20	954,532	1,017,218	
	PLAINS ALL AMERICAN PIPELINE L 4.900% 02/15/2045 DD 12/09/14	931,631	1,016,725	
	NUTRITION & BIOSCIENCES I 144A 3.268% 11/15/2040 DD 09/16/20	944,943	1,015,497	
	ENTERGY LOUISIANA LLC 3.050% 06/01/2031 DD 05/19/16	904,739	1,015,243	
	DUKE ENERGY CAROLINAS LLC 3.950% 03/15/2048 DD 03/01/18	924,048	1,014,557	
	MARATHON PETROLEUM CORP 4.750% 09/15/2044 DD 09/05/14	819,556	1,014,320	
	RAYTHEON TECHNOLOGIES CORP 4.200% 12/15/2044 DD 06/15/20	1,032,022	1,013,173	
	DOW CHEMICAL CO/THE 4.375% 11/15/2042 DD 11/14/12	825,143	1,011,635	
	ENBRIDGE INC 4.500% 06/10/2044 DD 06/04/14	837,043	1,011,185	
	IRAQ GOVERNMENT AID BOND 2.149% 01/18/2022 DD 01/18/17	997,663	1,010,364	
	MCDONALD'S CORP 3.625% 09/01/2049 DD 08/12/19	858,961	1,009,227	
	ONE GAS INC 4.658% 02/01/2044 DD 08/01/14	769,992	1,008,700	
	DOMINION ENERGY SOUTH CAROLINA 5.100% 06/01/2065 DD 05/22/15	851,078	1,008,582	
	ECOPETROL SA 5.875% 05/28/2045 DD 05/28/14	787,761	1,008,347	
	PHILIP MORRIS INTERNATIONAL IN 4.250% 11/10/2044 DD 11/10/14	778,168	1,007,584	
	ASTRAZENECA PLC 4.375% 11/16/2045 DD 11/16/15	891,795	1,006,838	
	ANHEUSER-BUSCH INBEV WORLDWIDE 4.375% 04/15/2038 DD 04/04/18	815,878	1,006,657	
	NESTLE HOLDINGS INC 144A 4.000% 09/24/2048 DD 09/24/18	744,860	1,004,588	
	NEWCREST FINANCE PTY LTD 144A 4.200% 05/13/2050 DD 05/13/20	850,827	1,002,311	
	JPMORGAN CHASE & CO VAR RT 04/22/2051 DD 04/22/20	900,000	1,002,078	
	UKRAINE GOVERNMENT AID BONDS 1.471% 09/29/2021 DD 09/29/16	972,725	998,900	
	PUBLIC SERVICE CO OF COLORADO 3.600% 09/15/2042 DD 09/11/12	897,164	997,436	
	AT&T INC 144A 0.000% 11/27/2022 DD 11/27/07	771,250	991,580	
	PANAMA GOVERNMENT INTERNATIONA 4.500% 04/01/2056 DD 04/01/20	798,531	991,375	
	AMERICAN INTERNATIONAL GROUP I 4.750% 04/01/2048 DD 03/26/18	735,656	987,308	
	GOLDMAN SACHS GROUP INC/THE VAR RT 10/31/2038 DD 10/31/17	808,000	986,035	
	BP CAPITAL MARKETS AMERICA INC 3.000% 02/24/2050 DD 02/24/20	911,312	983,607	
	PETROLEOS MEXICANOS 7.690% 01/23/2050 DD 07/23/20	1,028,041	983,044	
	VODAFONE GROUP PLC 7.875% 02/15/2030 DD 08/15/00	838,165	982,110	
	ELI LILLY AND CO 3.950% 03/15/2049 DD 02/22/19	896,048	981,294	
	THERMO FISHER SCIENTIFIC INC 4.497% 03/25/2030 DD 03/25/20	785,000	981,069	
	VIATRIS INC 144A 4.000% 06/22/2050 DD 06/22/20	918,595	979,565	
	EXELON CORP 4.700% 04/15/2050 DD 04/01/20	902,459	977,352	
	PETROLEOS MEXICANOS 6.950% 01/28/2060 DD 07/28/20	1,050,223	975,454	
	BECTON DICKINSON AND CO 4.685% 12/15/2044 DD 12/15/14	746,436	971,980	
	SOUTHWESTERN PUBLIC SERVICE CO 3.400% 08/15/2046 DD 08/12/16	866,064	967,561	
	PHILIP MORRIS INTERNATIONAL IN 6.375% 05/16/2038 DD 05/16/08	815,450	967,326	
	SOUTHERN CO GAS CAPITAL CORP 4.400% 05/30/2047 DD 05/09/17	944,570	966,928	
	UNITEDHEALTH GROUP INC 4.200% 01/15/2047 DD 12/20/16	724,547	964,250	
	BRISTOL-MYERS SQUIBB CO 2.550% 11/13/2050 DD 11/13/20	942,131	959,693	
	COMMONWEALTH EDISON CO 3.650% 06/15/2046 DD 06/27/16	888,720	956,920	
	DOLLAR GENERAL CORP 4.125% 04/03/2050 DD 04/03/20	831,764	955,505	
	BROOKFIELD FINANCE LLC 3.450% 04/15/2050 DD 02/21/20	888,550	952,210	
	COMCAST CORP 3.999% 11/01/2049 DD 10/19/17	772,134	950,580	
	CVS HEALTH CORP 5.125% 07/20/2045 DD 07/20/15	739,649	949,184	
	TYSON FOODS INC 5.100% 09/28/2048 DD 09/28/18	807,248	947,277	
	DOMINION ENERGY INC 5.950% 06/15/2035 DD 06/20/05	602,494	947,259	
	CHILE GOVERNMENT INTERNATIONAL 3.500% 01/25/2050 DD 06/25/19	860,285	946,696	
	MEDTRONIC INC 4.375% 03/15/2035 DD 03/15/15	695,801	945,313	
	COCA-COLA CO/THE 2.500% 03/15/2051 DD 09/18/20	909,382	942,917	
	MORGAN STANLEY 4.300% 01/27/2045 DD 01/27/15	676,310	941,958	
	CHILE GOVERNMENT INTERNATIONAL 3.500% 01/25/2050 DD 06/25/19	845,371	940,958	

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	MITSUBISHI UFJ FINANCIAL GROUP VAR RT	\$ 935,000	\$ 940,573	
	T-MOBILE USA INC 144A 4.375% 04/15/2040 DD 04/09/20	784,522	939,685	
	TRANE TECHNOLOGIES LUXEMBOURG 4.500% 03/21/2049 DD 03/21/19	843,160	938,621	
	KLA CORP 3.300% 03/01/2050 DD 02/28/20	830,684	937,742	
	NORTHERN STATES POWER CO/MN 2.600% 06/01/2051 DD 06/15/20	868,344	937,481	
	BOEING CO/THE 3.500% 03/01/2039 DD 02/15/19	968,464	935,813	
	AMAZON.COM INC 2.700% 06/03/2060 DD 06/03/20	864,640	935,673	
	CHARTER COMMUNICATIONS OPERATI 5.125% 07/01/2049 DD 07/10/19	771,218	934,911	
	BOEING CO/THE 5.705% 05/01/2040 DD 05/04/20	720,000	934,358	
	AMAZON.COM INC 4.250% 08/22/2057 DD 02/22/18	649,642	933,329	
	RAYTHEON TECHNOLOGIES CORP 4.500% 06/01/2042 DD 06/01/12	738,773	931,063	
	PPL ELECTRIC UTILITIES CORP 3.950% 06/01/2047 DD 05/11/17	739,455	930,105	
	BAT CAPITAL CORP 3.734% 09/25/2040 DD 09/25/20	890,000	928,306	
	MONONGAHELA POWER CO 144A 4.100% 04/15/2024 DD 11/27/13	899,277	926,581	
	EASTERN ENERGY GAS HOLDINGS LL 4.800% 11/01/2043 DD 05/01/14	788,967	923,448	
	HOME DEPOT INC/THE 4.250% 04/01/2046 DD 06/02/15	871,954	922,001	
	EVERGY METRO INC 4.200% 03/15/2048 DD 03/01/18	844,695	920,167	
	INTERNATIONAL BUSINESS MACHINE 4.250% 05/15/2049 DD 05/15/19	807,758	919,191	
	UNITEDHEALTH GROUP INC 4.625% 11/15/2041 DD 11/10/11	717,293	918,799	
	AT&T INC 144A 3.500% 09/15/2053 DD 09/18/20	792,142	918,348	
	HOME DEPOT INC/THE 4.500% 12/06/2048 DD 12/06/18	641,912	916,675	
	AT&T INC 3.500% 02/01/2061 DD 08/04/20	919,411	916,302	
	VERIZON COMMUNICATIONS INC 4.329% 09/21/2028 DD 06/21/18	916,142	915,215	
	CONSOLIDATED EDISON CO OF NEW 3.700% 11/15/2059 DD 11/08/19	782,977	913,833	
	GILEAD SCIENCES INC 4.000% 09/01/2036 DD 09/20/16	751,691	913,029	
	GRUPO BIMBO SAB DE CV 144A 4.700% 11/10/2047 DD 11/10/17	859,924	912,782	
	AMERICAN INTERNATIONAL GROUP I 4.800% 07/10/2045 DD 07/10/15	684,901	911,925	
	CVS HEALTH CORP 4.125% 04/01/2040 DD 03/31/20	747,434	911,726	
	KINDER MORGAN ENERGY PARTNERS 5.800% 03/15/2035 DD 03/15/05	863,446	910,470	
	DOW CHEMICAL CO/THE 4.375% 11/15/2042 DD 11/14/12	774,010	908,757	
	ONEOK INC 4.500% 03/15/2050 DD 03/10/20	668,610	907,030	
	T-MOBILE USA INC 144A 3.300% 02/15/2051 DD 10/06/20	858,532	905,370	
	VISA INC 4.150% 12/14/2035 DD 12/14/15	841,271	903,354	
	AMGEN INC 3.150% 02/21/2040 DD 02/21/20	816,745	902,664	
	ANGLO AMERICAN CAPITAL PL 144A 5.625% 04/01/2030 DD 04/01/20	814,471	902,147	
	WALT DISNEY CO/THE 6.400% 12/15/2035 DD 06/15/19	778,535	895,360	
	COLOMBIA GOVERNMENT INTERNATIO 5.200% 05/15/2049	854,868	894,857	
	CVS HEALTH CORP 5.050% 03/25/2048 DD 03/09/18	805,375	894,485	
	GE CAPITAL FUNDING LLC 144A 4.550% 05/15/2032 DD 05/18/20	876,822	894,089	
	TOTAL CAPITAL INTERNATIONAL SA 3.386% 06/29/2060 DD 06/29/20	785,000	892,090	
	ENTERPRISE PRODUCTS OPERATING 5.100% 02/15/2045 DD 02/12/14	683,938	890,068	
	AMAZON.COM INC 2.500% 06/03/2050 DD 06/03/20	846,253	887,122	
	STRYKER CORP 4.100% 04/01/2043 DD 03/25/13	709,781	885,737	
	NUTRITION & BIOSCIENCES I 144A 3.468% 12/01/2050 DD 09/16/20	814,927	885,318	
	WALT DISNEY CO/THE 3.600% 01/13/2051 DD 05/13/20	729,007	883,665	
	BAKER HUGHES A GE CO LLC / BAK 4.486% 05/01/2030 DD 05/01/20	735,000	883,220	
	DUKE ENERGY INDIANA LLC 4.900% 07/15/2043 DD 07/11/13	645,065	883,172	
	TOYOTA MOTOR CREDIT CORP 0.350% 10/14/2022 DD 10/16/20	879,217	882,385	
	CSX CORP 4.500% 03/15/2049 DD 02/28/19	645,764	878,416	
	GILEAD SCIENCES INC 2.600% 10/01/2040 DD 09/30/20	866,094	878,387	
	NESTLE HOLDINGS INC 144A 4.000% 09/24/2048 DD 09/24/18	786,119	878,183	
	PROCTER & GAMBLE CO/THE 3.550% 03/25/2040 DD 03/25/20	701,496	877,401	
	AT&T INC 144A 3.500% 09/15/2053 DD 09/18/20	733,152	877,288	
	HUNTSMAN INTERNATIONAL LLC 4.500% 05/01/2029 DD 03/13/19	752,401	876,801	
	BAYER US FINANCE II LLC 144A 4.700% 07/15/2064 DD 07/15/18	716,558	874,956	
	MPLX LP 5.200% 12/01/2047 DD 12/01/19	700,328	873,565	
	PRECISION CASTPARTS CORP 4.375% 06/15/2045 DD 06/10/15	688,706	869,292	
	ALABAMA POWER CO 4.300% 07/15/2048 DD 06/28/18	788,125	869,174	
	MEMORIAL SLOAN-KETTERING CANCER 2.955% 01/01/2050 DD 06/16/20	815,000	867,225	
	WHIRLPOOL CORP 4.600% 05/15/2050 DD 05/07/20	660,332	866,940	
	HESS CORP 5.600% 02/15/2041 DD 08/10/10	749,334	866,456	
	BAT CAPITAL CORP 4.540% 08/15/2047 DD 08/15/18	877,822	866,151	
	NIKE INC 3.375% 11/01/2046 DD 10/21/16	784,924	865,145	
	PFIZER INC 2.550% 05/28/2040 DD 05/28/20	838,757	865,145	
	AT&T INC 5.150% 02/15/2050 DD 08/14/18	663,530	864,227	
	MPLX LP 5.200% 12/01/2047 DD 12/01/19	766,370	863,899	
	DUKE ENERGY FLORIDA LLC 6.350% 09/15/2037 DD 09/18/07	716,799	861,059	
	EQUITABLE HOLDINGS INC 5.000% 04/20/2048 DD 10/20/18	709,357	856,148	
	DELL INTERNATIONAL LLC / 144A 8.100% 07/15/2036 DD 06/01/16	791,565	854,793	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	KAISER FOUNDATION HOSPITALS 4.150% 05/01/2047 DD 05/03/17	\$ 808,332	\$ 853,085	
	VISA INC 2.700% 04/15/2040 DD 04/02/20	774,259	851,471	
	DEUTSCHE TELEKOM INTERNAT 144A 4.750% 06/21/2038 DD 06/21/18	669,612	849,786	
	LOWES COS INC 4.050% 05/03/2047 DD 05/03/17	633,533	846,230	
	SES GLOBAL AMERICAS HOLDI 144A 5.300% 03/25/2044 DD 03/25/14	718,296	842,303	
	ONEOK INC 4.450% 09/01/2049 DD 08/15/19	718,229	841,456	
	CHARTER COMMUNICATIONS OPERATI 3.700% 04/01/2051 DD 04/17/20	801,212	841,153	
	ROGERS COMMUNICATIONS INC 4.300% 02/15/2048 DD 02/08/18	654,039	840,588	
	MOSAIC CO/THE 5.450% 11/15/2033 DD 11/13/13	713,544	840,444	
	CITIGROUP INC VAR RT 11/04/2022 DD 11/04/19	826,595	838,184	
	VALERO ENERGY CORP 6.625% 06/15/2037 DD 06/08/07	811,447	838,020	
	NATIONAL RURAL UTILITIES COOPE 4.300% 03/15/2049 DD 01/31/19	770,591	836,803	
	LOCKHEED MARTIN CORP 3.800% 03/01/2045 DD 02/20/15	599,086	835,804	
	WILLIAMS COS INC/THE 4.900% 01/15/2045 DD 06/27/14	697,051	832,499	
	ENEL FINANCE INTERNATIONAL 144A 4.750% 05/25/2047 DD 05/25/17	668,669	832,225	
	EMERSON ELECTRIC CO 2.750% 10/15/2050 DD 04/29/20	789,036	832,012	
	BNP PARIBAS SA 5.000% 01/15/2021 DD 01/18/11	861,864	831,096	
	CONSOLIDATED EDISON CO OF NEW 5.850% 03/15/2036 DD 03/09/06	562,376	829,496	
	INTERCONTINENTAL EXCHANGE INC 3.000% 09/15/2060 DD 08/20/20	790,544	828,275	
	GENERAL ELECTRIC CO 4.125% 10/09/2042 DD 10/09/12	717,743	825,271	
	CITIGROUP INC VAR RT 01/24/2039 DD 01/24/18	768,218	822,266	
	NORTHROP GRUMMAN CORP 4.030% 10/15/2047 DD 10/13/17	745,157	821,842	
	CATERPILLAR INC 3.250% 04/09/2050 DD 04/09/20	692,227	820,844	
	CIGNA CORP 4.800% 08/15/2038 DD 08/15/19	720,405	820,789	
	NORFOLK SOUTHERN CORP 4.150% 02/28/2048 DD 02/28/18	642,039	819,440	
	NEW YORK AND PRESBYTERIAN HOSP 4.024% 08/01/2045 DD 02/05/15	646,597	818,810	
	RAYTHEON TECHNOLOGIES CORP 6.050% 06/01/2036 DD 05/26/06	693,714	818,381	
	AMERICAN WATER CAPITAL CORP 2.800% 05/01/2030 DD 04/14/20	736,973	816,871	
	HSBC HOLDINGS PLC VAR RT 06/19/2029 DD 06/19/18	678,408	816,305	
	NUTRIEN LTD 5.000% 04/01/2049 DD 04/01/19	711,048	815,952	
	VALERO ENERGY CORP 4.900% 03/15/2045 DD 03/13/15	744,472	815,815	
	RAYTHEON TECHNOLOGIES CORP 5.700% 04/15/2040 DD 02/26/10	787,340	812,392	
	ELI LILLY AND CO 4.150% 03/15/2059 DD 02/22/19	768,474	812,185	
	GREAT-WEST LIFECO FINANCE 144A 4.150% 06/03/2047 DD 05/26/17	638,964	809,476	
	AETNA INC 2.750% 11/15/2022 DD 11/07/12	812,175	808,907	
	ZOETIS INC 3.000% 05/15/2050 DD 05/12/20	722,007	804,832	
	FISERV INC 4.400% 07/01/2049 DD 06/24/19	688,297	803,688	
	APPLE INC 4.450% 05/06/2044 DD 05/06/14	581,835	802,357	
	COX COMMUNICATIONS INC 144A 8.375% 03/01/2039 DD 02/20/09	691,736	800,953	
	TRANSCANADA PIPELINES LTD 6.100% 06/01/2040 DD 06/01/10	698,901	800,372	
	ORACLE CORP 3.850% 04/01/2060 DD 04/01/20	647,498	799,318	
	VIATRIS INC 144A 3.850% 06/22/2040 DD 06/22/20	703,534	795,712	
	CIGNA CORP 3.875% 10/15/2047 DD 04/15/20	646,464	793,642	
	BOEING CO/THE 3.750% 02/01/2050 DD 07/31/19	745,646	790,796	
	TRANSCANADA PIPELINES LTD 5.100% 03/15/2049 DD 10/12/18	718,979	789,526	
	GILEAD SCIENCES INC 2.800% 10/01/2050 DD 09/30/20	790,357	788,982	
	ENTERGY LOUISIANA LLC 2.900% 03/15/2051 DD 03/06/20	763,274	788,979	
	TRANSCONTINENTAL GAS PIPE LINE 7.850% 02/01/2026 DD 08/01/16	694,486	786,486	
	ALPHABET INC 1.900% 08/15/2040 DD 08/05/20	794,968	785,168	
	DOW CHEMICAL CO/THE 4.250% 10/01/2034 DD 09/16/14	634,634	784,836	
	BANK OF AMERICA CORP 7.750% 05/14/2038 DD 05/14/08	709,288	784,305	
	ROGERS COMMUNICATIONS INC 4.350% 05/01/2049 DD 04/30/19	701,527	783,354	
	DUPONT DE NEMOURS INC 5.319% 11/15/2038 DD 11/28/18	605,403	782,849	
	SHERWIN-WILLIAMS CO/THE 4.500% 06/01/2047 DD 05/16/17	654,559	782,514	
	BANK OF NOVA SCOTIA/THE VAR RT 04/20/2021 DD 04/20/18	780,000	781,076	
	DOW CHEMICAL CO/THE 3.600% 11/15/2050 DD 08/26/20	689,857	780,867	
	QUALCOMM INC 4.650% 05/20/2035 DD 05/20/15	659,208	778,541	
	CISCO SYSTEMS INC 1.850% 09/20/2021 DD 09/20/16	751,197	777,762	
	NARRAGANSETT ELECTRIC CO/ 144A 5.638% 03/15/2040 DD 03/22/10	564,000	775,021	
	HERSHEY CO/THE 2.650% 06/01/2050 DD 06/01/20	727,598	773,406	
	CARRIER GLOBAL CORP 3.377% 04/05/2040 DD 10/05/20	629,202	767,921	
	CVS HEALTH CORP 5.125% 07/20/2045 DD 07/20/15	640,127	767,425	
	DEERE & CO 3.100% 04/15/2030 DD 03/30/20	668,734	767,070	
	PNC FINANCIAL SERVICES GROUP I 2.550% 01/22/2030 DD 01/22/20	698,040	766,892	
	AMERICAN TOWER CORP 3.125% 01/15/2027 DD 09/30/16	694,534	766,717	
	MCDONALD'S CORP 4.450% 03/01/2047 DD 03/09/17	589,032	766,611	
	ALTRIA GROUP INC 4.250% 08/09/2042 DD 08/09/12	712,056	765,529	
	TEXAS HEALTH RESOURCES 4.330% 11/15/2055 DD 05/05/15	568,907	764,626	
	SABINE PASS LIQUEFACTION 144A 4.500% 05/15/2030 DD 05/08/20	643,349	764,506	

American Electric Power System Retirement Plan

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December 31, 2020

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	SHELL INTERNATIONAL FINANCE BV 1.875% 05/10/2021 DD 05/10/16	\$ 748,570	\$ 764,332	
	BAKER HUGHES HOLDINGS LLC 5.125% 09/15/2040 DD 08/24/10	682,350	764,076	
	ANHEUSER-BUSCH INBEV WORLDWIDE 4.900% 01/23/2031 DD 01/23/19	738,952	757,893	
	DUKE ENERGY FLORIDA PROJECT FI 2.538% 09/01/2031 DD 06/22/16	699,972	756,917	
	CATERPILLAR INC 3.250% 04/09/2050 DD 04/09/20	637,446	755,885	
	LOJAS AMERICANAS SA	668,113	755,730	
	ALPHABET INC 2.050% 08/15/2050 DD 08/05/20	725,568	754,000	
	KINDER MORGAN INC 5.300% 12/01/2034 DD 11/26/14	633,821	752,984	
	UNITEDHEALTH GROUP INC 6.500% 06/15/2037 DD 12/15/07	589,286	751,920	
	APPLE INC 2.500% 02/09/2022 DD 02/09/17	734,199	751,729	
	HOME DEPOT INC/THE 4.500% 12/06/2048 DD 12/06/18	696,669	751,028	
	BRISTOL-MYERS SQUIBB CO 2.750% 02/15/2023 DD 02/15/20	752,151	750,285	
	PEPSICO INC 2.875% 10/15/2049 DD 10/09/19	681,217	750,105	
	MICROSOFT CORP 3.700% 08/08/2046 DD 08/08/16	712,535	748,114	
	BP CAPITAL MARKETS PLC VAR RT 12/31/2049 DD 06/22/20	670,000	747,519	
	KROGER CO/THE 5.150% 08/01/2043 DD 07/25/13	543,174	746,590	
	VISA INC 4.300% 12/14/2045 DD 12/14/15	685,299	746,508	
	LEIDOS INC 144A 4.375% 05/15/2030 DD 05/12/20	614,851	742,419	
	GENERAL ELECTRIC CO 6.150% 08/07/2037 DD 08/07/07	651,082	741,665	
	T-MOBILE USA INC 144A 4.500% 04/15/2050 DD 04/09/20	598,446	741,267	
	QUALCOMM INC 4.800% 05/20/2045 DD 05/20/15	481,875	741,263	
	AETNA INC 4.125% 11/15/2042 DD 11/07/12	591,277	741,131	
	WALT DISNEY CO/THE 4.750% 11/15/2046 DD 11/15/19	628,140	740,448	
	PFIZER INC 4.200% 09/15/2048 DD 09/07/18	548,691	740,097	
	NEW YORK LIFE GLOBAL FUND 144A 0.950% 06/24/2025 DD 06/24/20	738,410	740,023	
	NVIDIA CORP 3.500% 04/01/2050 DD 03/31/20	608,426	739,985	
	UNITEDHEALTH GROUP INC 3.700% 08/15/2049 DD 07/25/19	632,415	739,683	
	TRUSTEES OF PRINCETON UNIVERSI 2.516% 07/01/2050 DD 06/15/20	708,135	738,967	
	TELEFONICA EMISIONES SA 5.520% 03/01/2049 DD 03/01/19	659,425	735,418	
	SOUTHERN CALIFORNIA GAS CO 4.300% 01/15/2049 DD 09/24/18	558,748	734,219	
	MASSACHUSETTS MUTUAL LIFE 144A 3.729% 10/15/2070 DD 10/11/19	625,202	733,096	
	ALABAMA POWER CO 4.300% 07/15/2048 DD 06/28/18	543,874	732,780	
	NOBLE ENERGY INC 5.250% 11/15/2043 DD 11/08/13	555,111	732,590	
	CONSOLIDATED EDISON CO OF NEW 5.700% 06/15/2040 DD 06/07/10	628,976	732,492	
	HSBC HOLDINGS PLC 6.500% 09/15/2037 DD 09/12/07	674,960	731,675	
	COMCAST CORP 3.999% 11/01/2049 DD 10/19/17	570,645	730,924	
	COMCAST CORP 2.800% 01/15/2051 DD 05/28/20	694,736	729,743	
	WELLTOWER INC 6.500% 03/15/2041 DD 03/14/11	714,573	727,038	
	PANAMA GOVERNMENT INTERNATIONA 2.252% 09/29/2032	705,000	726,150	
	AIR PRODUCTS AND CHEMICALS INC 2.800% 05/15/2050 DD 04/30/20	657,598	725,419	
	MPLX LP 5.500% 02/15/2049 DD 11/15/18	581,269	724,246	
	AMERICAN INTERNATIONAL GROUP I 4.500% 07/16/2044 DD 07/16/14	638,568	723,980	
	ENTERGY LOUISIANA LLC 0.620% 11/17/2023 DD 11/24/20	719,870	722,390	
	HCA INC 5.500% 06/15/2047 DD 06/22/17	653,238	721,283	
	HERSHEY CO/THE 3.125% 11/15/2049 DD 10/31/19	639,408	720,140	
	PHILIP MORRIS INTERNATIONAL IN 4.875% 11/15/2043 DD 11/12/13	562,876	718,819	
	CSX CORP 4.300% 03/01/2048 DD 02/20/18	534,057	717,667	
	HESS CORP 5.800% 04/01/2047 DD 09/28/16	684,634	717,617	
	TIME WARNER CABLE LLC 4.500% 09/15/2042 DD 08/10/12	564,503	715,970	
	PRUDENTIAL FINANCIAL INC 3.700% 03/13/2051 DD 09/13/19	594,986	715,871	
	WALMART INC 4.050% 06/29/2048 DD 06/27/18	519,157	713,808	
	SUTTER HEALTH 3.361% 08/15/2050 DD 10/29/20	655,000	712,994	
	ANGLO AMERICAN CAPITAL PL 144A 3.950% 09/10/2050 DD 09/10/20	640,659	712,457	
	WASTE MANAGEMENT INC 1.150% 03/15/2028 DD 11/17/20	709,553	712,031	
	PECO ENERGY CO 3.000% 09/15/2049 DD 09/10/19	639,692	711,441	
	ANHEUSER-BUSCH INBEV WORLDWIDE 5.550% 01/23/2049 DD 01/23/19	617,158	710,935	
	COX COMMUNICATIONS INC 144A 4.500% 06/30/2043 DD 05/01/13	600,691	710,747	
	AMERICAN HONDA FINANCE CORP VAR RT 02/12/2021 DD 02/15/18	710,604	710,170	
	EASTERN ENERGY GAS HOLDINGS LL 4.600% 12/15/2044 DD 12/08/14	584,174	710,020	
	BANK OF AMERICA CORP VAR RT 06/19/2041 DD 06/19/20	680,000	708,492	
	LG CORP	434,402	707,983	
	EQUINOR ASA 3.625% 04/06/2040 DD 04/06/20	584,525	706,873	
	BANK OF AMERICA CORP VAR RT 10/24/2024 DD 10/21/20	700,000	706,538	
	RIO TINTO FINANCE USA PLC 4.125% 08/21/2042 DD 08/21/12	642,687	704,965	
	CHURCH & DWIGHT CO INC 3.950% 08/01/2047 DD 07/25/17	554,100	704,605	
	UNION ELECTRIC CO 4.000% 04/01/2048 DD 04/06/18	556,580	704,541	
	VERIZON COMMUNICATIONS INC 4.862% 08/21/2046 DD 02/21/15	618,667	704,100	
	CANADIAN NATIONAL RAILWAY CO 3.650% 02/03/2048 DD 02/06/18	646,583	699,669	
	SWISS RE TREASURY US CORP 144A 4.250% 12/06/2042 DD 12/06/12	545,407	697,746	

American Electric Power System Retirement Plan

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 EIN: 13-4922641 Plan Number: 001

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	WALT DISNEY CO/THE 6.200% 12/15/2034 DD 06/15/19	\$ 595,576	\$ 697,526	
	APPLE INC 4.500% 02/23/2036 DD 02/23/16	514,570	695,996	
	CK HUTCHISON INTERNATIONAL 144A 3.375% 09/06/2049 DD 09/06/19	598,012	695,006	
	TRAVELERS COS INC/THE 6.750% 06/20/2036 DD 06/20/06	539,412	694,466	
	SOUTHERN NATURAL GAS CO L 144A 4.800% 03/15/2047 DD 03/14/17	595,305	694,281	
	HEALTHPEAK PROPERTIES INC 6.750% 02/01/2041 DD 01/24/11	599,612	690,543	
	SUNOCO LOGISTICS PARTNERS OPER 5.300% 04/01/2044 DD 04/03/14	637,952	690,523	
	SOUTHERN CALIFORNIA EDISON CO 5.550% 01/15/2037 DD 12/11/06	577,946	689,780	
	GENERAL MOTORS CO 5.950% 04/01/2049 DD 09/10/18	561,224	689,734	
	CITIGROUP INC VAR RT 10/30/2024 DD 10/30/20	685,000	689,446	
	BOEING CO/THE 3.750% 02/01/2050 DD 07/31/19	649,465	688,791	
	RAYTHEON TECHNOLOGIES CORP 4.800% 12/15/2043 DD 06/15/20	719,755	688,441	
	DUKE ENERGY CAROLINAS LLC 3.700% 12/01/2047 DD 11/14/17	569,168	688,315	
	ALTRIA GROUP INC 4.400% 02/14/2026 DD 02/14/19	681,792	685,031	
	ENERGY TRANSFER OPERATING LP 7.500% 07/01/2038 DD 03/28/08	627,820	681,941	
	PUBLIC SERVICE CO OF COLORADO 3.950% 03/15/2043 DD 03/26/13	551,243	681,063	
	COLUMBIA PIPELINE GROUP INC 5.800% 06/01/2045 DD 12/01/15	526,357	680,323	
	MORGAN STANLEY VAR RT 07/22/2028 DD 07/24/17	672,447	679,312	
	ESTEE LAUDER COS INC/THE 3.125% 12/01/2049 DD 11/21/19	579,115	679,162	
	PACIFIC LIFE INSURANCE CO 144A VAR RT 10/24/2067 DD 10/24/17	596,499	677,595	
	ALTRIA GROUP INC 4.250% 08/09/2042 DD 08/09/12	520,360	677,241	
	CONSTELLATION BRANDS INC 3.750% 05/01/2050 DD 04/27/20	571,196	677,034	
	MEXICO GOVERNMENT INTERNATIONAL 4.750% 03/08/2044	661,200	676,881	
	BARCLAYS PLC 4.950% 01/10/2047 DD 01/10/17	531,803	675,913	
	SOUTHERN CALIFORNIA EDISON CO 3.650% 02/01/2050 DD 01/09/20	626,927	675,807	
	CHARTER COMMUNICATIONS OPERATI 5.750% 04/01/2048 DD 04/17/18	641,561	673,847	
	MASSACHUSETTS INSTITUTE OF TEC 2.989% 07/01/2050 DD 12/20/19	580,135	672,609	
	CREDIT SUISSE GROUP AG 4.875% 05/15/2045 DD 11/15/15	482,323	672,298	
	REPUBLIC SERVICES INC 1.750% 02/15/2032 DD 11/24/20	669,598	671,608	
	OTIS WORLDWIDE CORP 3.112% 02/15/2040 DD 08/15/20	606,159	671,111	
	TYSON FOODS INC 5.100% 09/28/2048 DD 09/28/18	573,501	669,428	
	OTIS WORLDWIDE CORP 3.112% 02/15/2040 DD 08/15/20	617,818	667,853	
	VIRGINIA ELECTRIC AND POWER CO 3.800% 09/15/2047 DD 09/13/17	601,241	667,408	
	CHILE GOVERNMENT INTERNATIONAL 2.550% 01/27/2032 DD 01/27/20	618,661	666,500	
	GLP CAPITAL LP / GLP FINANCING 5.300% 01/15/2029 DD 09/26/18	581,889	665,246	
	TAKEDA PHARMACEUTICAL CO LTD 3.025% 07/09/2040 DD 07/09/20	673,762	663,790	
	PANAMA GOVERNMENT INTERNATIONAL 7.125% 01/29/2026 DD 11/29/05	660,656	663,655	
	ENI SPA 144A 4.250% 05/09/2029 DD 05/09/19	558,555	663,387	
	PHILLIPS 66 PARTNERS LP 4.900% 10/01/2046 DD 10/14/16	597,488	663,348	
	UNITEDHEALTH GROUP INC 3.875% 08/15/2059 DD 07/25/19	507,453	662,881	
	PFIZER INC 2.700% 05/28/2050 DD 05/28/20	630,014	660,701	
	NOBLE ENERGY INC 3.250% 10/15/2029 DD 10/01/19	647,835	660,589	
	DTE ELECTRIC CO 4.050% 05/15/2048 DD 05/07/18	581,680	657,165	
	AMERICAN INTERNATIONAL GROUP I 4.375% 01/15/2055 DD 01/15/15	590,937	655,600	
	L3HARRIS TECHNOLOGIES INC 5.054% 04/27/2045 DD 04/27/15	487,201	655,371	
	EXXON MOBIL CORP 4.327% 03/19/2050 DD 03/19/20	500,000	654,630	
	AMGEN INC 4.400% 05/01/2045 DD 05/01/15	632,517	654,570	
	PACIFICORP 3.300% 03/15/2051 DD 04/08/20	619,449	653,858	
	ABBVIE INC 4.550% 03/15/2035 DD 09/15/20	598,209	651,120	
	DUPONT DE NEMOURS INC 5.319% 11/15/2038 DD 11/28/18	585,694	650,117	
	SHELL INTERNATIONAL FINANCE BY 4.550% 08/12/2043 DD 08/12/13	548,497	649,685	
	DOW CHEMICAL CO/THE 5.550% 11/30/2048 DD 05/30/19	471,119	648,615	
	UNITEDHEALTH GROUP INC 2.750% 05/15/2040 DD 05/18/20	577,650	645,474	
	TOTAL CAPITAL INTERNATIONAL SA 3.127% 05/29/2050 DD 05/29/20	595,000	644,837	
	EXXON MOBIL CORP 3.452% 04/15/2051 DD 04/15/20	564,000	644,590	
	PRUDENTIAL FINANCIAL INC 3.905% 12/07/2047 DD 12/07/17	575,580	643,899	
	NATIONAL BANK OF CANADA VAR RT 08/15/2023 DD 07/13/20	639,616	643,846	
	ENERGY TRANSFER OPERATING LP 6.000% 06/15/2048 DD 06/08/18	606,105	642,190	
	ONEOK INC 7.150% 01/15/2051 DD 05/07/20	494,236	642,188	
	BAKER HUGHES A GE CO LLC / BAK 4.080% 12/15/2047 DD 12/11/17	562,263	641,800	
	GILEAD SCIENCES INC 4.800% 04/01/2044 DD 03/07/14	690,039	640,030	
	APPLE INC 3.750% 11/13/2047 DD 11/13/17	502,843	639,510	
	BRISTOL-MYERS SQUIBB CO 4.350% 11/15/2047 DD 05/15/20	569,971	638,421	
	JOHNSON CONTROLS INTERNATIONAL VAR RT 07/02/2044 DD 07/02/16	534,903	638,227	
	NORFOLK SOUTHERN CORP 4.100% 05/15/2049 DD 05/08/19	569,792	637,639	
	PACIFIC GAS AND ELECTRIC CO 3.950% 12/01/2047 DD 11/29/17	639,773	637,343	
	VERIZON COMMUNICATIONS INC 1.750% 01/20/2031 DD 11/20/20	637,088	636,800	
	SOUTHERN CALIFORNIA GAS CO 4.125% 06/01/2048 DD 05/15/18	591,284	636,330	
	BECTON DICKINSON AND CO 3.794% 05/20/2050 DD 05/20/20	535,000	635,505	

American Electric Power System Retirement Plan

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	VODAFONE GROUP PLC 5.000% 05/30/2038 DD 05/30/18	\$ 555,068	\$ 634,593	
	GRUPO BIMBO SAB DE CV 144A 4.000% 09/06/2049 DD 09/06/19	551,597	633,556	
	RAYTHEON TECHNOLOGIES CORP 6.700% 08/01/2028 DD 08/04/98	622,282	633,144	
	GOLDMAN SACHS GROUP INC/THE VAR RT 11/17/2023 DD 11/19/20	630,000	632,552	
	AT&T INC 4.500% 05/15/2035 DD 05/04/15	551,546	632,202	
	RAYTHEON TECHNOLOGIES CORP 4.125% 11/16/2028 DD 08/16/18	634,790	631,845	
	SIMON PROPERTY GROUP LP 3.250% 09/13/2049 DD 09/13/19	612,094	629,858	
	ANHEUSER-BUSCH COS LLC / ANHEU 4.700% 02/01/2036 DD 02/01/19	477,131	628,794	
	ABBVIE INC 3.200% 11/06/2022 DD 05/14/15	631,302	628,188	
	NATIONAL AUSTRALIA BANK LTD/NE 3.700% 11/04/2021 DD 12/04/18	632,643	627,391	
	T-MOBILE USA INC 144A 3.600% 11/15/2060 DD 10/28/20	588,496	626,250	
	SIMON PROPERTY GROUP LP 3.250% 09/13/2049 DD 09/13/19	607,566	624,738	
	PHILIPPINE GOVERNMENT INTERNAT 2.950% 05/05/2045	620,238	621,364	
	SUNCOR ENERGY INC 4.000% 11/15/2047 DD 11/15/17	538,361	621,300	
	JPMORGAN CHASE & CO VAR RT 06/01/2028 DD 05/27/20	591,646	620,966	
	TIME WARNER CABLE LLC 7.300% 07/01/2038 DD 06/19/08	482,978	619,451	
	DTE ENERGY CO VAR RT 10/01/2024 DD 07/01/19	579,809	617,978	
	ZOETIS INC 4.450% 08/20/2048 DD 08/20/18	507,030	617,559	
	CONSTELLATION BRANDS INC 4.500% 05/09/2047 DD 05/09/17	462,961	617,182	
	CITIBANK NA VAR RT 02/19/2022 DD 02/19/19	615,000	617,146	
	PPL ELECTRIC UTILITIES CORP 4.150% 06/15/2048 DD 06/14/18	476,313	616,918	
	CISCO SYSTEMS INC 2.200% 02/28/2021 DD 02/29/16	619,071	616,913	
	CHUBB CORP/THE 6.000% 05/11/2037 DD 05/11/07	446,329	616,641	
	SUTTER HEALTH 3.161% 08/15/2040 DD 10/29/20	580,000	616,006	
	SOUTHERN CALIFORNIA EDISON CO 5.950% 02/01/2038 DD 01/22/08	567,971	612,720	
	WELLS FARGO & CO 5.606% 01/15/2044 DD 11/26/13	494,139	612,274	
	PHILIP MORRIS INTERNATIONAL IN 4.875% 11/15/2043 DD 11/12/13	547,579	611,532	
	UNITED PARCEL SERVICE INC 5.200% 04/01/2040 DD 03/24/20	427,932	610,781	
	BOEING CO/THE 3.825% 03/01/2059 DD 02/15/19	638,664	609,486	
	CHARTER COMMUNICATIONS OPERATI 4.800% 03/01/2050 DD 10/24/19	531,982	609,144	
	JOHNSON CONTROLS INTERNATIONAL STEP 07/02/2064 DD 07/02/2016	482,956	608,142	
	BERKSHIRE HATHAWAY ENERGY CO 6.125% 04/01/2036 DD 10/01/06	478,355	606,833	
	HSBC HOLDINGS PLC VAR RT 05/22/2030 DD 05/22/19	556,967	606,244	
	GENERAL MOTORS CO 5.400% 10/02/2023 DD 05/12/20	539,438	604,660	
	WILLIAMS COS INC/THE 4.900% 01/15/2045 DD 06/27/14	553,321	604,595	
	INTEL CORP 3.250% 11/15/2049 DD 11/21/19	539,692	604,400	
	NUTRITION & BIOSCIENCES I 144A 3.468% 12/01/2050 DD 09/16/20	554,950	602,885	
	PROVIDENCE ST JOSEPH HEALTH OB 3.930% 10/01/2048 DD 02/06/18	498,000	601,450	
	GENERAL MOTORS CO 5.150% 04/01/2038 DD 08/07/17	521,247	601,175	
	TECK RESOURCES LTD 5.400% 02/01/2043 DD 08/08/12	480,365	600,763	
	MEAD JOHNSON NUTRITION CO 4.600% 06/01/2044 DD 05/13/14	491,031	599,627	
	DEERE & CO 3.900% 06/09/2042 DD 06/08/12	434,877	597,361	
	EXXON MOBIL CORP 3.095% 08/16/2049 DD 08/16/19	576,142	596,233	
	FOMENTO ECONOMICO MEXICANO SAB 2.875% 05/10/2023 DD 05/10/13	564,032	595,650	
	COMMONWEALTH EDISON CO 3.700% 03/01/2045 DD 03/02/15	566,274	595,148	
	BAT CAPITAL CORP 3.984% 09/25/2050 DD 09/25/20	570,000	594,818	
	BANK OF AMERICA CORP VAR RT 10/24/2031 DD 10/21/20	585,000	592,734	
	TOYOTA MOTOR CREDIT CORP 1.150% 05/26/2022 DD 05/26/20	584,801	592,669	
	NEW YORK LIFE INSURANCE C 144A 3.750% 05/15/2050 DD 04/14/20	491,976	592,134	
	HESS CORP 5.600% 02/15/2041 DD 08/10/10	491,773	591,875	
	COCA-COLA CO/THE 2.600% 06/01/2050 DD 05/01/20	559,642	590,918	
	NORTHROP GRUMMAN CORP 4.030% 10/15/2047 DD 10/13/17	538,356	589,718	
	KINDER MORGAN ENERGY PARTNERS 6.950% 01/15/2038 DD 06/21/07	555,870	588,373	
	ABBVIE INC 4.750% 03/15/2045 DD 09/15/20	530,542	588,114	
	DUKE ENERGY INDIANA LLC 2.750% 04/01/2050 DD 03/12/20	564,305	587,498	
	SOUTHERN CALIFORNIA EDISON CO 3.650% 02/01/2050 DD 01/09/20	545,233	587,214	
	BALTIMORE GAS AND ELECTRIC CO 2.900% 06/15/2050 DD 06/05/20	539,703	586,796	
	HSBC HOLDINGS PLC 6.500% 05/02/2036 DD 05/03/06	556,754	586,557	
	NORFOLK SOUTHERN CORP 3.155% 05/15/2055 DD 05/15/20	522,375	584,460	
	BAE SYSTEMS PLC 144A 3.000% 09/15/2050 DD 09/15/20	551,807	584,315	
	JPMORGAN CHASE & CO VAR RT 07/23/2024 DD 07/23/18	573,349	580,347	
	VERIZON COMMUNICATIONS INC 4.522% 09/15/2048 DD 03/13/15	584,054	580,316	
	REGIONS FINANCIAL CORP 7.375% 12/10/2037 DD 12/10/07	462,274	579,846	
	BAT CAPITAL CORP 3.215% 09/06/2026 DD 09/06/19	567,856	578,219	
	BANK OF NOVA SCOTIA/THE 2.800% 07/21/2021 DD 07/21/14	583,538	577,855	
	HALLIBURTON CO 4.850% 11/15/2035 DD 11/13/15	511,770	577,680	
	PERUVIAN GOVERNMENT INTERNATIO 2.392% 01/23/2026 DD 04/23/20	568,620	575,915	
	XYLEM INC/NY 4.375% 11/01/2046 DD 10/11/16	464,637	574,913	
	ALIMENTATION COUCHE-TARD 144A 3.800% 01/25/2050 DD 01/27/20	487,158	574,604	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	CREDIT SUISSE AG/NEW YORK NY 2.100% 11/12/2021 DD 11/12/19	\$ 564,932	\$ 573,724	
	SAN DIEGO GAS & ELECTRIC CO 4.100% 06/15/2049 DD 05/31/19	459,517	573,675	
	ITC HOLDINGS CORP 5.300% 07/01/2043 DD 07/03/13	425,856	570,387	
	BRISTOL-MYERS SQUIBB CO 2.350% 11/13/2040 DD 11/13/20	552,309	569,363	
	MASSACHUSETTS MUTUAL LIFE 144A 3.375% 04/15/2050 DD 04/16/20	551,569	568,053	
	VIACOMCBS INC 4.375% 03/15/2043 DD 03/15/13	466,147	567,106	
	EVERSOURCE ENERGY 2.800% 05/01/2023 DD 05/13/13	548,937	566,590	
	MEDTRONIC INC 4.375% 03/15/2035 DD 03/15/15	505,830	565,572	
	GUARDIAN LIFE GLOBAL FUND 144A 1.250% 11/19/2027 DD 11/19/20	562,780	565,079	
	AMERICAN INTERNATIONAL GROUP I 4.750% 04/01/2048 DD 03/26/18	420,517	564,367	
	MPLX LP 4.500% 04/15/2038 DD 02/08/18	487,138	563,903	
	NORTHERN STATES POWER CO/MN 2.900% 03/01/2050 DD 09/10/19	486,365	563,790	
	MASSACHUSETTS ELECTRIC CO 144A 4.004% 08/15/2046 DD 08/05/16	465,000	562,971	
	DELTA AIR LINES INC / SKY 144A 4.500% 10/20/2025 DD 09/23/20	528,785	561,152	
	VODAFONE GROUP PLC 4.375% 02/19/2043 DD 02/19/13	472,291	558,882	
	BECTON DICKINSON AND CO 3.794% 05/20/2050 DD 05/20/20	470,000	558,294	
	EQUINOR ASA 4.250% 11/23/2041 DD 11/23/11	531,537	557,941	
	AMEREN ILLINOIS CO 3.700% 12/01/2047 DD 11/28/17	541,860	557,862	
	UNION PACIFIC CORP 3.799% 10/01/2051 DD 10/04/16	485,926	556,802	
	VOLKSWAGEN AG	502,364	556,124	
	METLIFE INC VAR RT 12/15/2044 DD 09/15/14	437,481	555,745	
	KROGER CO/THE 3.875% 10/15/2046 DD 10/03/16	421,704	555,381	
	STARBUCKS CORP 4.500% 11/15/2048 DD 08/10/18	493,250	554,846	
	IHS MARKIT LTD 4.750% 08/01/2028 DD 07/23/18	506,945	554,189	
	JPMORGAN CHASE & CO VAR RT 04/22/2041 DD 04/22/20	504,887	553,296	
	PEPSICO INC 2.000% 04/15/2021 DD 10/10/17	544,401	551,986	
	UNITEDHEALTH GROUP INC 4.250% 04/15/2047 DD 03/13/17	414,212	551,253	
	ALPHABET INC 2.250% 08/15/2060 DD 08/05/20	564,340	551,173	
	GEORGIA POWER CO 4.300% 03/15/2043 DD 03/15/13	416,019	550,871	
	ENTERGY LOUISIANA LLC 4.200% 04/01/2050 DD 03/12/19	423,981	550,779	
	BANK OF AMERICA CORP VAR RT 07/23/2031 DD 07/23/20	545,000	550,635	
	COOPERATIEVE RABOBANK UA 144A VAR RT 09/24/2026 DD 09/24/20	545,000	548,891	
	BANK OF AMERICA CORP VAR RT 02/13/2031 DD 02/13/20	536,678	546,966	
	COLOMBIA GOVERNMENT INTERNATIO 5.200% 05/15/2049 DD 01/28/19	428,732	545,799	
	TELEFONICA EMISIONES SA 5.213% 03/08/2047 DD 03/08/17	502,945	544,769	
	CHARTER COMMUNICATIONS OPERATI 4.800% 03/01/2050 DD 10/24/19	453,428	544,646	
	NATIONAL RURAL UTILITIES COOPE 4.400% 11/01/2048 DD 10/31/18	406,975	544,440	
	ANHEUSER-BUSCH INBEV WORLDWIDE 8.200% 01/15/2039 DD 01/15/11	403,430	544,213	
	AETNA INC 3.875% 08/15/2047 DD 08/10/17	402,557	543,858	
	EXXON MOBIL CORP 3.452% 04/15/2051 DD 04/15/20	475,000	542,873	
	NISOURCE INC 4.375% 05/15/2047 DD 05/22/17	417,153	541,739	
	NATIONAL BANK OF CANADA VAR RT 11/15/2024 DD 12/10/20	539,233	541,517	
	HONEYWELL INTERNATIONAL INC 1.850% 11/01/2021 DD 10/31/16	526,387	541,334	
	NATIONWIDE MUTUAL INSURAN 144A 4.950% 04/22/2044 DD 04/22/14	533,495	540,654	
	CATERPILLAR INC 4.750% 05/15/2064 DD 05/08/14	470,644	540,364	
	PNC BANK NA VAR RT 01/22/2021 DD 01/22/18	540,000	540,070	
	QUALCOMM INC 4.800% 05/20/2045 DD 05/20/15	483,000	539,230	
	ENTERPRISE PRODUCTS OPERATING 7.550% 04/15/2038 DD 10/15/09	403,589	538,763	
	PARKER-HANNIFIN CORP 4.000% 06/14/2049 DD 06/14/19	423,567	538,162	
	PUBLIC SERVICE ENTERPRISE GROU 2.650% 11/15/2022 DD 11/06/17	514,346	536,764	
	PORSCHE AUTOMOBIL HOLDING SE	513,470	535,711	
	TOTAL CAPITAL INTERNATIONAL SA 3.461% 07/12/2049 DD 07/10/19	460,000	535,159	
	ERAC USA FINANCE LLC 144A 7.000% 10/15/2037 DD 10/17/07	492,398	535,078	
	UNION PACIFIC CORP 144A 2.973% 09/16/2062 DD 09/16/20	508,401	534,779	
	MICROSOFT CORP 2.675% 06/01/2060 DD 06/01/20	485,161	534,264	
	SHERWIN-WILLIAMS CO/THE 4.550% 08/01/2045 DD 07/31/15	516,335	533,240	
	NIAGARA MOHAWK POWER CORP 144A 4.278% 10/01/2034 DD 09/25/14	426,996	532,379	
	ANGLOGOLD ASHANTI HOLDINGS PLC 3.750% 10/01/2030 DD 10/01/20	493,406	532,066	
	ANHEUSER-BUSCH INBEV WORLDWIDE 4.950% 01/15/2042 DD 07/15/16	440,571	532,061	
	WILLIS NORTH AMERICA INC 5.050% 09/15/2048 DD 09/10/18	447,193	531,687	
	GOLDMAN SACHS GROUP INC/THE VAR RT 12/09/2026 DD 12/09/20	525,000	530,770	
	TIME WARNER CABLE LLC 5.500% 09/01/2041 DD 09/12/11	426,315	530,643	
	ABBVIE INC 4.625% 10/01/2042 DD 10/01/20	482,919	526,955	
	MEDTRONIC INC 4.625% 03/15/2045 DD 03/15/15	534,073	524,945	
	BANK OF AMERICA NA 6.000% 10/15/2036 DD 10/26/06	337,134	523,495	
	MEXICO GOVERNMENT INTERNATIONA 5.000% 04/27/2051 DD 04/27/20	388,920	522,900	
	AMERICAN WATER CAPITAL CORP 3.450% 05/01/2050 DD 04/14/20	461,240	522,698	
	SOUTHERN CALIFORNIA EDISON CO 5.625% 02/01/2036 DD 01/31/06	393,935	521,397	
	AMERICAN TOWER CORP 3.100% 06/15/2050 DD 06/03/20	514,959	520,165	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	CONSOLIDATED EDISON CO OF NEW 4.125% 05/15/2049 DD 05/09/19	\$ 487,317	\$ 519,086	
	WILLIS NORTH AMERICA INC 3.875% 09/15/2049 DD 09/10/19	467,393	518,207	
	ENERGY TRANSFER OPERATING LP 6.125% 12/15/2045 DD 06/23/15	484,597	517,409	
	REGIONS BANK/BIRMINGHAM AL 6.450% 06/26/2037 DD 06/26/07	488,560	516,176	
	NISOURCE INC 4.375% 05/15/2047 DD 05/22/17	514,775	513,828	
	ALTRIA GROUP INC 4.450% 05/06/2050 DD 05/06/20	426,551	508,359	
	MOLSON COORS BEVERAGE CO 4.200% 07/15/2046 DD 07/07/16	490,711	508,325	
	MARSH & MCLENNAN COS INC 4.900% 03/15/2049 DD 01/15/19	442,405	507,357	
	VF CORP 2.050% 04/23/2022 DD 04/23/20	494,911	505,633	
	CITIGROUP INC 4.650% 07/23/2048 DD 07/23/18	446,022	505,237	
	ROYALTY PHARMA PLC 144A 3.300% 09/02/2040 DD 09/02/20	460,696	499,444	
	DOW CHEMICAL CO/THE 4.800% 05/15/2049 DD 11/15/19	409,106	498,353	
	TRANSCANADA PIPELINES LTD 4.875% 05/15/2048 DD 05/07/18	387,168	497,847	
	OTIS WORLDWIDE CORP 3.362% 02/15/2050 DD 08/15/20	432,955	497,424	
	ROYALTY PHARMA PLC 144A 0.750% 09/02/2023 DD 09/02/20	491,644	497,366	
	NEW YORK LIFE INSURANCE C 144A 4.450% 05/15/2069 DD 04/04/19	446,825	497,173	
	PNC BANK NA VAR RT 12/09/2022 DD 12/09/19	495,000	496,361	
	STEEL DYNAMICS INC 3.250% 10/15/2050 DD 10/09/20	457,582	496,100	
	ENBRIDGE INC 4.500% 06/10/2044 DD 06/04/14	424,794	494,487	
	CARRIER GLOBAL CORP 3.377% 04/05/2040 DD 10/05/20	459,327	493,664	
	MITSUBISHI UFJ FINANCIAL GROUP 4.153% 03/07/2039 DD 03/07/19	390,000	493,069	
	MEXICO GOVERNMENT INTERNATIONA 4.600% 01/23/2046 DD 01/23/15	404,067	490,350	
	CANADIAN NATURAL RESOURCES LTD 6.250% 03/15/2038 DD 03/19/07	432,718	490,140	
	SUNCOR ENERGY INC 7.150% 02/01/2032 DD 01/29/02	384,697	489,548	
	PUGET SOUND ENERGY INC 3.250% 09/15/2049 DD 08/30/19	443,498	488,787	
	MARKEL CORP 4.300% 11/01/2047 DD 11/02/17	385,309	487,194	
	PFIZER INC 4.300% 06/15/2043 DD 06/03/13	444,862	485,677	
	SOUTHERN CALIFORNIA EDISON CO 4.000% 04/01/2047 DD 03/24/17	411,934	485,110	
	BURLINGTON NORTHERN SANTA FE L 5.050% 03/01/2041 DD 09/10/10	382,477	484,938	
	PFIZER INC 4.400% 05/15/2044 DD 05/15/14	399,489	484,266	
	NATIONWIDE FINANCIAL SERV 144A 5.300% 11/18/2044 DD 11/20/14	444,660	483,192	
	AETNA INC 4.125% 11/15/2042 DD 11/07/12	415,032	482,625	
	BANK OF AMERICA CORP 5.000% 01/21/2044 DD 01/21/14	377,228	481,469	
	MASSACHUSETTS MUTUAL LIFE 144A 3.375% 04/15/2050 DD 04/16/20	438,187	480,660	
	XCEL ENERGY INC 4.800% 09/15/2041 DD 09/12/11	385,701	479,652	
	QUANTA SERVICES INC 2.900% 10/01/2030 DD 09/22/20	443,500	477,111	
	AETNA INC 3.875% 08/15/2047 DD 08/10/17	398,440	477,068	
	COX COMMUNICATIONS INC 144A 4.800% 02/01/2035 DD 12/08/14	415,568	475,512	
	UNITEDHEALTH GROUP INC 3.500% 08/15/2039 DD 07/25/19	395,074	474,658	
	PECO ENERGY CO 3.000% 09/15/2049 DD 09/10/19	423,326	474,294	
	SEMPRA ENERGY 3.800% 02/01/2038 DD 01/12/18	397,020	472,586	
	CSX CORP 3.350% 09/15/2049 DD 09/12/19	410,198	472,133	
	HONEYWELL INTERNATIONAL INC VAR RT 08/08/2022 DD 08/08/19	470,000	472,068	
	NOVARTIS CAPITAL CORP 2.750% 08/14/2050 DD 02/14/20	420,162	471,224	
	EVERGY METRO INC 4.200% 03/15/2048 DD 03/01/18	361,685	469,156	
	PEPSICO INC 3.875% 03/19/2060 DD 03/19/20	344,467	468,920	
	COCA-COLA CO/THE 2.500% 06/01/2040 DD 05/01/20	439,784	468,666	
	WELLS FARGO & CO VAR RT 04/04/2051 DD 03/30/20	329,000	467,581	
	KRAFT HEINZ FOODS CO 5.000% 07/15/2035 DD 07/15/16	401,777	466,712	
	BRISTOL-MYERS SQUIBB CO 4.550% 02/20/2048 DD 02/20/20	413,596	465,890	
	BANK OF AMERICA CORP VAR RT 01/20/2028 DD 01/20/17	461,214	465,179	
	KRAFT HEINZ FOODS CO 6.500% 02/09/2040 DD 08/09/12	430,334	464,988	
	SOUTHERN CALIFORNIA EDISON CO 4.875% 03/01/2049 DD 03/15/19	351,458	464,520	
	AMEREN CORP 2.500% 09/15/2024 DD 09/16/19	435,026	463,640	
	NORTHERN NATURAL GAS CO 144A 4.300% 01/15/2049 DD 07/17/18	439,831	461,787	
	WASTE MANAGEMENT INC 4.150% 07/15/2049 DD 05/22/19	345,557	461,118	
	HONEYWELL INTERNATIONAL INC 0.483% 08/19/2022 DD 08/19/20	460,000	460,736	
	ONEOK INC 2.200% 09/15/2025 DD 03/10/20	444,653	459,854	
	TRANSCANADA PIPELINES LTD 4.875% 05/15/2048 DD 05/07/18	352,007	459,054	
	UNITEDHEALTH GROUP INC 3.125% 05/15/2060 DD 05/18/20	384,513	458,536	
	BANNER HEALTH 2.338% 01/01/2030 DD 05/14/20	430,000	458,337	
	NORFOLK SOUTHERN CORP 3.050% 05/15/2050 DD 05/11/20	419,013	457,586	
	ONEOK PARTNERS LP 6.850% 10/15/2037 DD 09/28/07	410,881	457,549	
	MIDMICHIGAN HEALTH 3.409% 06/01/2050 DD 10/28/20	410,000	457,146	
	ENERGY TRANSFER OPERATING LP 6.625% 10/15/2036 DD 10/23/06	449,299	455,524	
	PANAMA GOVERNMENT INTERNATIONA 4.500% 04/16/2050	450,850	455,291	
	BAYER US FINANCE II LLC 144A 3.950% 04/15/2045 DD 04/15/18	380,736	453,916	
	PHILLIPS 66 PARTNERS LP 4.900% 10/01/2046 DD 10/14/16	431,695	453,811	
	LEIDOS INC 144A 2.300% 02/15/2031 DD 10/08/20	442,880	453,099	

American Electric Power System Retirement Plan

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	MEDTRONIC INC 4.625% 03/15/2045 DD 03/15/15	\$ 345,923	\$ 452,588	
	US BANK NA/CINCINNATI OH 1.800% 01/21/2022 DD 01/21/20	444,844	451,822	
	CENTERPOINT ENERGY INC 3.600% 11/01/2021 DD 10/05/18	439,872	451,730	
	MARTIN MARIETTA MATERIALS INC 4.250% 12/15/2047 DD 12/20/17	374,801	449,350	
	3M CO 3.050% 04/15/2030 DD 03/27/20	393,740	449,060	
	HCA INC 5.125% 06/15/2039 DD 06/12/19	384,468	447,857	
	PPL ELECTRIC UTILITIES CORP 3.000% 10/01/2049 DD 09/06/19	447,388	447,642	
	T-MOBILE USA INC 144A 3.300% 02/15/2051 DD 10/06/20	434,100	447,541	
	XCEL ENERGY INC 3.500% 12/01/2049 DD 11/07/19	378,748	444,228	
	NEW YORK LIFE INSURANCE C 144A 3.750% 05/15/2050 DD 04/14/20	368,733	443,801	
	GEORGE WASHINGTON UNIVERSITY/T 4.868% 09/15/2045 DD 07/01/15	401,449	443,650	
	NORTHERN STATES POWER CO/MN 3.600% 09/15/2047 DD 09/13/17	390,358	443,581	
	ALTRIA GROUP INC 4.450% 05/06/2050 DD 05/06/20	410,526	442,154	
	MORGAN STANLEY VAR RT 01/20/2023 DD 01/22/20	440,000	441,412	
	HEALTH CARE SERVICE CORP 144A 1.500% 06/01/2025 DD 06/01/20	439,985	441,356	
	WYETH LLC 6.500% 02/01/2034 DD 12/16/03	371,405	441,059	
	PHILIP MORRIS INTERNATIONAL IN 4.250% 11/10/2044 DD 11/10/14	373,382	440,818	
	ORACLE CORP 4.125% 05/15/2045 DD 05/05/15	363,623	440,681	
	GOLDMAN SACHS GROUP INC/THE 5.150% 05/22/2045 DD 05/22/15	312,963	438,978	
	COOPERATIVE RABOBANK UA/NY VAR RT 04/26/2021 DD 04/26/18	435,000	435,526	
	EOG RESOURCES INC 4.950% 04/15/2050 DD 04/14/20	318,118	433,744	
	MPLX LP 5.500% 02/15/2049 DD 11/15/18	322,522	433,230	
	DEUTSCHE BANK AG/NEW YORK NY VAR RT 09/18/2024 DD 09/18/20	420,000	432,071	
	RAYTHEON TECHNOLOGIES CORP 2.800% 03/15/2022 DD 09/15/20	437,682	431,945	
	CHARTER COMMUNICATIONS OPERATI 6.484% 10/23/2045 DD 10/23/16	356,609	431,410	
	BANK OF MONTREAL 1.900% 08/27/2021 DD 08/29/16	415,081	429,705	
	BANK OF AMERICA CORP VAR RT 12/20/2028 DD 12/20/17	409,413	429,225	
	BERKSHIRE HATHAWAY FINANCE COR 2.850% 10/15/2050 DD 10/15/20	399,680	428,388	
	KINDER MORGAN INC 5.050% 02/15/2046 DD 02/26/15	387,133	427,273	
	COMCAST CORP 2.450% 08/15/2052 DD 08/25/20	436,524	426,994	
	WELLS FARGO & CO 3.550% 09/29/2025 DD 09/28/15	428,005	426,869	
	BHP BILLITON FINANCE USA LTD 5.000% 09/30/2043 DD 09/30/13	381,479	426,570	
	GLOBAL PAYMENTS INC 4.150% 08/15/2049 DD 08/14/19	425,555	425,416	
	FOX CORP 5.476% 01/25/2039 DD 01/25/20	385,725	425,109	
	HUMANA INC 4.950% 10/01/2044 DD 09/19/14	369,957	424,544	
	GILEAD SCIENCES INC 2.600% 10/01/2040 DD 09/30/20	418,114	424,049	
	BRISTOL-MYERS SQUIBB CO 0.750% 11/13/2025 DD 11/13/20	419,320	422,881	
	DIAGEO CAPITAL PLC 2.125% 04/29/2032 DD 04/29/20	399,004	422,548	
	JPMORGAN CHASE & CO VAR RT 04/22/2026 DD 04/22/20	413,114	422,452	
	GOODMAN US FINANCE FOUR L 144A 4.500% 10/15/2037 DD 09/27/17	361,421	421,621	
	WASTE MANAGEMENT INC 4.150% 07/15/2049 DD 05/22/19	369,993	419,804	
	ASTRAZENCA PLC 6.450% 09/15/2037 DD 09/12/07	344,178	419,797	
	EAST OHIO GAS CO/THE 144A 3.000% 06/15/2050 DD 06/16/20	379,518	419,669	
	DOW CHEMICAL CO/THE 4.800% 05/15/2049 DD 11/15/19	306,670	418,671	
	JPMORGAN CHASE & CO 5.400% 01/06/2042 DD 12/22/11	306,275	416,788	
	LYB INTERNATIONAL FINANCE III 3.375% 10/01/2040 DD 10/08/20	394,092	416,626	
	AT&T INC 144A 3.800% 12/01/2057 DD 12/07/20	426,803	415,886	
	VODAFONE GROUP PLC 4.250% 09/17/2050 DD 09/17/19	357,639	414,918	
	COCA-COLA FEMSA SAB DE CV 2.750% 01/22/2030 DD 01/22/20	381,042	414,083	
	RPM INTERNATIONAL INC 4.550% 03/01/2029 DD 02/27/19	395,229	413,557	
	GILEAD SCIENCES INC 4.150% 03/01/2047 DD 09/20/16	344,219	412,887	
	CONSOLIDATED EDISON CO OF NEW 3.000% 12/01/2060 DD 11/13/20	402,562	412,748	
	BANCO SANTANDER SA 2.749% 12/03/2030 DD 12/03/20	400,000	412,292	
	UNITEDHEALTH GROUP INC 2.750% 05/15/2040 DD 05/18/20	373,896	412,235	
	QUALCOMM INC 3.250% 05/20/2050 DD 05/08/20	352,167	412,080	
	LINDE INC/CT 3.550% 11/07/2042 DD 11/07/12	326,519	411,570	
	CSX CORP 4.100% 03/15/2044 DD 10/22/12	324,730	410,691	
	SHERWIN-WILLIAMS CO/THE 3.800% 08/15/2049 DD 08/26/19	375,986	409,833	
	HSBC HOLDINGS PLC 4.950% 03/31/2030 DD 03/31/20	324,594	407,420	
	ONEOK INC 7.150% 01/15/2051 DD 05/07/20	293,914	407,410	
	WELLTOWER INC 6.500% 03/15/2041 DD 03/14/11	369,078	406,862	
	TRUSTEES OF BOSTON COLLEGE 3.129% 07/01/2052 DD 10/24/19	366,000	406,586	
	HOME DEPOT INC/THE 3.125% 12/15/2049 DD 01/13/20	376,673	406,109	
	COMCAST CORP 3.750% 04/01/2040 DD 03/27/20	385,689	404,690	
	HSBC HOLDINGS PLC VAR RT 09/22/2028 DD 09/22/20	395,361	404,373	
	CI FINANCIAL CORP 3.200% 12/17/2030 DD 12/17/20	394,498	404,188	
	DH EUROPE FINANCE II SARL 3.400% 11/15/2049 DD 11/07/19	377,099	403,696	
	BAT CAPITAL CORP 3.734% 09/25/2040 DD 09/25/20	385,000	401,570	
	CVS HEALTH CORP 2.700% 08/21/2040 DD 08/21/20	394,818	399,602	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	FRANKLIN RESOURCES INC 1.600% 10/30/2030 DD 10/19/20	\$ 394,856	\$ 397,832	
	DEVON ENERGY CORP 5.600% 07/15/2041 DD 07/12/11	327,756	397,469	
	CONOCOPHILLIPS CO 4.300% 11/15/2044 DD 11/12/14	313,261	396,065	
	MIDAMERICAN ENERGY CO 4.400% 10/15/2044 DD 04/03/14	303,167	395,582	
	INTERCONTINENTAL EXCHANGE INC 2.650% 09/15/2040 DD 08/20/20	383,412	394,897	
	TRAVELERS PROPERTY CASUALTY CO 6.375% 03/15/2033 DD 03/11/03	279,522	394,471	
	AMERICAN WATER CAPITAL CORP 4.200% 09/01/2048 DD 08/09/18	366,162	394,425	
	ENTERPRISE PRODUCTS OPERATING 4.200% 01/31/2050 DD 07/08/19	354,266	393,558	
	JOHNSON & JOHNSON 2.100% 09/01/2040 DD 08/25/20	387,407	393,288	
	ANHEUSER-BUSCH INBEV WORLDWIDE 4.350% 06/01/2040 DD 04/03/20	319,798	392,624	
	COMCAST CABLE COMMUNICATIONS H 9.455% 11/15/2022 DD 11/18/02	409,249	392,054	
	ALTRIA GROUP INC 5.375% 01/31/2044 DD 10/31/13	296,745	389,821	
	KELLOGG CO 4.500% 04/01/2046 DD 03/07/16	378,666	389,552	
	VERIZON COMMUNICATIONS INC 2.650% 11/20/2040 DD 11/20/20	384,642	388,761	
	SOUTHWESTERN PUBLIC SERVICE CO 3.300% 06/15/2024 DD 06/09/14	374,962	388,480	
	LOWE'S COS INC 1.300% 04/15/2028 DD 10/22/20	384,727	388,396	
	HALLIBURTON CO 5.000% 11/15/2045 DD 11/13/15	285,176	387,539	
	CONSTELLATION BRANDS INC 5.250% 11/15/2048 DD 10/29/18	346,145	386,933	
	CREDIT SUISSE AG/NEW YORK NY 2.100% 11/12/2021 DD 11/12/19	379,954	385,867	
	W R BERKLEY CORP 6.250% 02/15/2037 DD 02/14/07	255,324	385,605	
	PUGET SOUND ENERGY INC 4.300% 05/20/2045 DD 05/26/15	409,639	385,090	
	AMERICAN HONDA FINANCE CORP 0.875% 07/07/2023 DD 07/08/20	379,878	384,625	
	MCDONALD'S CORP 4.600% 05/26/2045 DD 05/26/15	303,335	384,116	
	COMCAST CORP 4.200% 08/15/2034 DD 08/12/14	307,809	382,253	
	INTERNATIONAL BUSINESS MACHINE 2.850% 05/15/2040 DD 05/07/20	352,746	381,966	
	MORGAN STANLEY 4.375% 01/22/2047 DD 01/20/17	360,752	381,175	
	SOUTHERN CALIFORNIA EDISON CO 4.125% 03/01/2048 DD 03/05/18	285,199	380,175	
	CONSTELLATION BRANDS INC 5.250% 11/15/2048 DD 10/29/18	262,929	377,084	
	PRINCIPAL LIFE GLOBAL FUN 144A 1.625% 11/19/2030 DD 11/19/20	379,894	377,082	
	VIACOMCBS INC 4.850% 07/01/2042 DD 06/20/12	299,380	376,367	
	BANK OF MONTREAL 0.450% 12/08/2023 DD 12/08/20	374,756	376,103	
	HONDA AUTO RECEIVABLES 20 4 A2 1.860% 06/20/2022 DD 11/26/19	373,613	375,557	
	PACIFIC LIFE INSURANCE CO 144A VAR RT 10/24/2067 DD 10/24/17	354,158	374,550	
	CITIGROUP INC VAR RT 10/27/2028 DD 10/27/17	359,832	373,085	
	INTERNATIONAL PAPER CO 4.400% 08/15/2047 DD 08/11/16	301,559	372,868	
	MARATHON PETROLEUM CORP 6.500% 03/01/2041 DD 09/01/11	333,350	371,900	
	KIMCO REALTY CORP 4.450% 09/01/2047 DD 08/10/17	312,666	369,892	
	PROLOGIS LP 1.250% 10/15/2030 DD 08/20/20	368,594	366,385	
	ONCOR ELECTRIC DELIVERY C 144A 5.350% 10/01/2052 DD 09/23/20	390,190	365,230	
	CIGNA CORP 4.900% 12/15/2048 DD 06/15/19	337,035	364,412	
	CITIGROUP INC 6.125% 08/25/2036 DD 08/25/06	259,598	363,996	
	PROVINCE OF QUEBEC CANADA 2.500% 04/09/2024 DD 04/09/19	339,143	363,773	
	WESTPAC BANKING CORP VAR RT 01/25/2021 DD 01/25/18	363,000	363,073	
	PLAINS ALL AMERICAN PIPELINE L 5.150% 06/01/2042 DD 03/22/12	328,854	362,833	
	BOEING CO/THE 3.250% 02/01/2028 DD 11/02/20	334,926	359,405	
	BANK OF AMERICA CORP VAR RT 02/07/2030 DD 02/07/19	305,000	359,238	
	UNION PACIFIC CORP 3.839% 03/20/2060 DD 03/20/20	343,612	358,974	
	PANASONIC CORP 144A 2.679% 07/19/2024 DD 07/19/19	335,000	357,747	
	T-MOBILE USA INC 144A 3.000% 02/15/2041 DD 10/06/20	343,134	357,668	
	EXXON MOBIL CORP 4.227% 03/19/2040 DD 03/19/20	322,637	357,415	
	LOWE'S COS INC 4.550% 04/05/2049 DD 04/05/19	329,019	356,820	
	AIA GROUP LTD 144A 3.200% 09/16/2040 DD 09/16/20	339,453	356,449	
	APPLE INC 3.850% 08/04/2046 DD 08/04/16	327,743	353,642	
	ALTRIA GROUP INC 5.375% 01/31/2044 DD 10/31/13	331,881	351,478	
	ORACLE CORP 3.900% 05/15/2035 DD 05/05/15	320,601	349,929	
	EASTMAN CHEMICAL CO 3.500% 12/01/2021 DD 11/06/18	339,072	349,234	
	MORGAN STANLEY VAR RT 12/10/2026 DD 12/10/20	345,000	347,567	
	DEVON ENERGY CORP 5.000% 06/15/2045 DD 06/16/15	277,701	347,475	
	EQUITABLE FINANCIAL LIFE 144A 1.400% 08/27/2027 DD 08/28/20	344,200	347,129	
	ALEXANDRIA REAL ESTATE EQUITIE 1.875% 02/01/2033 DD 08/05/20	344,351	344,448	
	MEXICO GOVERNMENT INTERNATIONA 2.659% 05/24/2031 DD 11/24/20	334,675	343,040	
	MEDTRONIC INC 4.375% 03/15/2035 DD 03/15/15	275,536	342,036	
	NATIONAL SECURITIES CLEAR 144A 1.500% 04/23/2025 DD 04/23/20	329,350	341,603	
	BAYER US FINANCE II LLC 144A 4.875% 06/25/2048 DD 06/25/18	329,827	341,299	
	CONOCOPHILLIPS 6.500% 02/01/2039 DD 02/03/09	322,252	340,245	
	W R BERKLEY CORP 4.750% 08/01/2044 DD 08/06/14	326,927	339,737	
	SUNOCO LOGISTICS PARTNERS OPER 5.400% 10/01/2047 DD 09/21/17	320,062	339,671	
	DUKE ENERGY PROGRESS LLC 6.300% 04/01/2038 DD 03/13/08	231,585	339,299	
	SOUTHERN CALIFORNIA EDISON CO 6.050% 03/15/2039 DD 03/20/09	279,285	339,263	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	COCA-COLA FEMSA SAB DE CV 5.250% 11/26/2043 DD 11/26/13	\$ 271,505	\$ 338,182	
	ACE CAPITAL TRUST II 9.700% 04/01/2030 DD 03/31/00	324,566	336,767	
	ORACLE CORP 3.900% 05/15/2035 DD 05/05/15	290,221	336,423	
	L3HARRIS TECHNOLOGIES INC 3.950% 05/28/2024 DD 11/28/19	336,317	335,997	
	NATIONAL SECURITIES CLEAR 144A 0.750% 12/07/2025 DD 12/07/20	333,918	335,858	
	PACIFIC GAS AND ELECTRIC CO 4.500% 07/01/2040 DD 07/02/20	340,887	335,322	
	ROPER TECHNOLOGIES INC 2.950% 09/15/2029 DD 08/26/19	336,848	335,085	
	AT&T INC 3.650% 06/01/2051 DD 05/28/20	318,762	335,069	
	TIME WARNER CABLE LLC 4.500% 09/15/2042 DD 08/10/12	267,715	333,963	
	BANK OF MONTREAL VAR RT 10/05/2028 DD 10/05/18	320,348	333,771	
	ASTRAZENCA PLC 4.375% 08/17/2048 DD 08/17/18	255,105	333,267	
	HSBC HOLDINGS PLC 6.800% 06/01/2038 DD 05/27/08	268,904	333,241	
	ENERGY TRANSFER OPERATING LP 6.500% 02/01/2042 DD 01/17/12	326,487	331,837	
	LOWE'S COS INC 3.000% 10/15/2050 DD 10/22/20	309,696	331,582	
	COMCAST CORP 3.200% 07/15/2036 DD 07/19/16	246,861	330,596	
	KIMBERLY-CLARK DE MEXICO 144A 2.431% 07/01/2031 DD 07/01/20	320,000	330,566	
	MASSMUTUAL GLOBAL FUNDING 144A 1.550% 10/09/2030 DD 10/09/20	328,571	329,838	
	CIGNA CORP 6.125% 11/15/2041 DD 05/15/20	288,662	329,242	
	NATIONWIDE MUTUAL INSURAN 144A 4.350% 04/30/2050 DD 04/30/20	279,348	328,922	
	DOW CHEMICAL CO/THE 3.600% 11/15/2050 DD 08/26/20	287,854	325,830	
	NIKE INC 3.250% 03/27/2040 DD 03/27/20	278,247	325,693	
	BANK OF AMERICA CORP VAR RT 01/23/2022 DD 01/23/18	325,720	325,393	
	SOUTHERN CALIFORNIA EDISON CO 5.350% 07/15/2035 DD 06/27/05	222,499	325,010	
	APPLE INC 4.375% 05/13/2045 DD 05/13/15	299,189	324,801	
	PACIFIC LIFE GLOBAL FUNDI 144A 1.200% 06/24/2025 DD 06/24/20	319,290	324,378	
	WEC ENERGY GROUP INC 1.375% 10/15/2027 DD 10/09/20	319,744	324,115	
	CREDIT SUISSE GROUP AG 144A VAR RT 06/05/2026 DD 06/05/20	310,000	323,966	
	LAM RESEARCH CORP 2.875% 06/15/2050 DD 05/05/20	299,211	323,256	
	NORTHROP GRUMMAN CORP 4.400% 05/01/2030 DD 03/23/20	267,501	322,725	
	BAYER US FINANCE II LLC 144A 4.700% 07/15/2064 DD 07/15/18	301,189	321,217	
	ENTERPRISE PRODUCTS OPERATING 3.950% 01/31/2060 DD 01/15/20	295,803	321,018	
	PFIZER INC 4.000% 03/15/2049 DD 03/11/19	240,015	320,697	
	STATE STREET CORP VAR RT 11/01/2025 DD 11/01/19	308,661	320,187	
	EVERGY KANSAS CENTRAL INC 3.250% 09/01/2049 DD 08/19/19	297,469	319,548	
	RAYTHEON TECHNOLOGIES CORP 3.750% 11/01/2046 DD 11/01/16	226,149	318,036	
	CITIGROUP INC VAR RT 01/10/2028 DD 01/10/17	277,000	317,464	
	AUTOZONE INC 1.650% 01/15/2031 DD 08/14/20	315,347	317,386	
	HOME DEPOT INC/THE 3.125% 12/15/2049 DD 01/13/20	305,531	317,273	
	VERIZON COMMUNICATIONS INC 4.000% 03/22/2050 DD 03/20/20	260,000	314,616	
	APPLE INC 2.950% 09/11/2049 DD 09/11/19	284,764	311,844	
	GENERAL MOTORS FINANCIAL CO IN 3.850% 01/05/2028 DD 01/05/18	295,249	311,489	
	BROOKLYN UNION GAS CO/THE 144A 4.487% 03/04/2049 DD 03/04/19	235,000	311,241	
	HALLIBURTON CO 4.750% 08/01/2043 DD 08/05/13	257,329	310,758	
	SOUTHERN CALIFORNIA GAS CO 4.125% 06/01/2048 DD 05/15/18	243,744	310,529	
	SUNCOR ENERGY INC 6.800% 05/15/2038 DD 05/15/08	285,547	310,041	
	HESS CORP 6.000% 01/15/2040 DD 12/14/09	199,935	308,840	
	EASTERN ENERGY GAS HOLDINGS LL 4.600% 12/15/2044 DD 12/08/14	282,230	308,431	
	HYUNDAI MOTOR CO	221,396	308,152	
	CONSTELLATION BRANDS INC 3.750% 05/01/2050 DD 04/27/20	258,144	306,137	
	APPLE INC 2.950% 09/11/2049 DD 09/11/19	307,176	302,870	
	SYSCO CORP 5.950% 04/01/2030 DD 04/02/20	296,468	302,232	
	GRUPO TELEvisa SAB 5.000% 05/13/2045 DD 05/13/14	241,335	301,475	
	OTIS WORLDWIDE CORP 3.362% 02/15/2050 DD 08/15/20	275,579	300,768	
	TRUIST BANK VAR RT 08/02/2022 DD 07/26/18	300,528	300,354	
	TOYOTA MOTOR CREDIT CORP VAR RT 02/14/2022 DD 08/14/20	300,000	300,228	
	VIACOMCBS INC 4.900% 08/15/2044 DD 08/19/14	275,885	299,321	
	CVS HEALTH CORP 4.300% 03/25/2028 DD 03/09/18	259,471	298,680	
	WELLS FARGO & CO VAR RT 04/04/2051 DD 03/30/20	242,808	298,456	
	INTERNATIONAL BUSINESS MACHINE 2.950% 05/15/2050 DD 05/07/20	277,679	298,427	
	AON PLC 4.750% 05/15/2045 DD 05/20/15	266,139	298,397	
	TAKEDA PHARMACEUTICAL CO LTD 5.000% 11/26/2028 DD 11/26/19	297,701	298,200	
	KINDER MORGAN INC 3.250% 08/01/2050 DD 08/05/20	273,795	298,155	
	CITIGROUP INC 6.625% 01/15/2028 DD 01/09/98	263,943	297,392	
	WASTE MANAGEMENT INC 1.500% 03/15/2031 DD 11/17/20	299,289	297,177	
	TOYOTA MOTOR CREDIT CORP 0.500% 08/14/2023 DD 08/14/20	294,773	296,507	
	VIACOMCBS INC 4.850% 07/01/2042 DD 06/20/12	235,942	296,158	
	CONSOLIDATED EDISON CO OF NEW 3.875% 06/15/2047 DD 06/08/17	295,853	295,945	
	PRICOA GLOBAL FUNDING I 144A 0.800% 09/01/2025 DD 09/01/20	294,381	295,451	
	RAYTHEON TECHNOLOGIES CORP 3.950% 08/16/2025 DD 08/16/18	290,713	292,462	

American Electric Power System Retirement Plan

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 EIN: 13-4922641 Plan Number: 001

December 31, 2020

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	ROYAL BANK OF CANADA VAR RT 01/17/2023 DD 01/17/20	\$ 290,000	\$ 291,331	
	UNITEDHEALTH GROUP INC 4.375% 03/15/2042 DD 03/08/12	220,631	291,128	
	ALEXANDRIA REAL ESTATE EQUITIE 4.850% 04/15/2049 DD 03/21/19	206,894	290,417	
	S&P GLOBAL INC 2.300% 08/15/2060 DD 08/13/20	300,202	290,281	
	BROADRIDGE FINANCIAL SOLUTIONS 2.900% 12/01/2029 DD 12/09/19	290,944	290,276	
	FEDEX CORP 4.750% 11/15/2045 DD 10/23/15	238,812	290,217	
	NUTRITION & BIOSCIENCES I 144A 3.268% 11/15/2040 DD 09/16/20	269,984	290,142	
	CARRIER GLOBAL CORP 2.700% 02/15/2031 DD 06/19/20	282,334	290,093	
	UNION ELECTRIC CO 4.000% 04/01/2048 DD 04/06/18	268,425	289,883	
	SOUTHERN CALIFORNIA EDISON CO 2.400% 02/01/2022 DD 01/16/15	284,980	289,802	
	ITC HOLDINGS CORP 3.650% 06/15/2024 DD 06/04/14	277,842	288,810	
	MICROSOFT CORP 4.100% 02/06/2037 DD 02/06/17	271,044	288,737	
	SOUTHWESTERN PUBLIC SERVICE CO 3.150% 05/01/2050 DD 05/18/20	258,953	288,600	
	BOEING CO/THE 3.900% 05/01/2049 DD 05/02/19	234,934	284,404	
	SHELL INTERNATIONAL FINANCE BV 4.000% 05/10/2046 DD 05/10/16	219,506	283,370	
	PANAMA GOVERNMENT INTERNATIONA 4.000% 09/22/2024 DD 09/22/14	272,468	282,096	
	MCDONALD'S CORP 4.450% 09/01/2048 DD 08/15/18	263,442	281,452	
	PUBLIC SERVICE ENTERPRISE GROU 1.600% 08/15/2030 DD 08/14/20	283,687	281,004	
	KINDER MORGAN ENERGY PARTNERS 6.500% 02/01/2037 DD 01/30/07	248,214	280,329	
	ENTERPRISE PRODUCTS OPERATING 4.850% 08/15/2042 DD 02/15/12	228,384	279,799	
	JPMORGAN CHASE & CO VAR RT 05/13/2031 DD 05/13/20	255,000	279,630	
	NOBLE ENERGY INC 6.000% 03/01/2041 DD 02/18/11	190,455	278,381	
	NORFOLK SOUTHERN CORP 3.050% 05/15/2050 DD 05/11/20	254,401	277,820	
	BOEING CO/THE 2.700% 05/01/2022 DD 05/02/19	269,522	277,592	
	MASTERCARD INC 3.850% 03/26/2050 DD 03/26/20	214,088	277,505	
	NVIDIA CORP 3.500% 04/01/2040 DD 03/31/20	229,540	276,212	
	COLOMBIA GOVERNMENT INTERNATIO 5.000% 06/15/2045	219,038	274,500	
	VERIZON COMMUNICATIONS INC 1.750% 01/20/2031 DD 11/20/20	273,708	273,625	
	NATIONAL RURAL UTILITIES COOPE 2.300% 09/15/2022 DD 08/30/17	265,912	273,379	
	MCDONALD'S CORP 4.700% 12/09/2035 DD 12/09/15	210,323	272,897	
	TRANSCANADA PIPELINES LTD 7.625% 01/15/2039 DD 01/09/09	244,623	271,332	
	CHEVRON CORP 2.978% 05/11/2040 DD 05/11/20	245,000	271,232	
	EQUINOR ASA 3.700% 04/06/2050 DD 04/06/20	223,346	271,157	
	WELLTOWER INC 4.950% 09/01/2048 DD 08/16/18	206,129	268,976	
	GENERAL MOTORS CO 5.950% 04/01/2049 DD 09/10/18	197,933	267,779	
	INTEL CORP 4.950% 03/25/2060 DD 03/25/20	257,166	267,338	
	DENTSPLY SIRONA INC 3.250% 06/01/2030 DD 05/26/20	261,007	267,295	
	PANASONIC CORP 144A 2.536% 07/19/2022 DD 07/19/19	260,000	267,270	
	MARSH & MCLENNAN COS INC 3.500% 06/03/2024 DD 05/30/14	245,237	267,207	
	MARSH & MCLENNAN COS INC 3.500% 03/10/2025 DD 09/10/14	252,430	266,191	
	DISCOVERY COMMUNICATIONS 144A 4.000% 09/15/2055 DD 09/21/20	243,636	265,274	
	CAMERON LNG LLC 144A 3.701% 01/15/2039 DD 12/13/19	235,000	264,988	
	BURLINGTON NORTHERN SANTA FE L 3.550% 02/15/2050 DD 07/24/19	249,080	264,985	
	MCDONALD'S CORP 3.625% 09/01/2049 DD 08/12/19	247,225	264,042	
	EQUINOR ASA 3.150% 01/23/2022 DD 11/23/11	262,492	262,951	
	CHARTER COMMUNICATIONS OPERATI 4.800% 03/01/2050 DD 10/24/19	227,969	262,768	
	BOSTON SCIENTIFIC CORP 4.700% 03/01/2049 DD 02/25/19	246,162	260,672	
	APPLE INC 2.650% 05/11/2050 DD 05/11/20	241,499	260,031	
	NIKE INC 3.375% 03/27/2050 DD 03/27/20	209,292	259,799	
	BAT CAPITAL CORP 2.259% 03/25/2028 DD 09/25/20	250,000	259,513	
	BRISTOL-MYERS SQUIBB CO 5.000% 08/15/2045 DD 02/15/20	235,865	258,902	
	CIGNA CORP 3.400% 03/15/2050 DD 03/16/20	218,040	258,808	
	UNITED AIRLINES 2015-1 CLASS A 3.450% 06/01/2029 DD 11/17/15	251,096	258,341	
	ENTERPRISE PRODUCTS OPERATING 4.250% 02/15/2048 DD 02/15/18	207,280	257,946	
	BBVA USA 3.500% 06/11/2021 DD 06/11/18	259,957	257,882	
	ENTERGY LOUISIANA LLC 4.000% 03/15/2033 DD 03/23/18	206,677	257,607	
	APPLE INC 2.550% 08/20/2060 DD 08/20/20	247,333	257,120	
	STARBUCKS CORP 3.350% 03/12/2050 DD 03/12/20	224,922	257,106	
	VERIZON COMMUNICATIONS INC 2.875% 11/20/2050 DD 11/20/20	254,337	256,938	
	PROTECTIVE LIFE GLOBAL FU 144A 1.737% 09/21/2030 DD 09/21/20	255,000	256,278	
	CIGNA CORP 2.400% 03/15/2030 DD 03/16/20	249,463	255,893	
	LOWE'S COS INC 3.000% 10/15/2050 DD 10/22/20	234,770	251,361	
	PFIZER INC 3.900% 03/15/2039 DD 03/11/19	239,682	251,298	
	TRACTOR SUPPLY CO 1.750% 11/01/2030 DD 10/30/20	247,185	251,270	
	BROADCOM INC 2.250% 11/15/2023 DD 05/08/20	239,976	250,651	
	DUKE ENERGY CAROLINAS LLC 3.200% 08/15/2049 DD 08/14/19	244,818	250,439	
	SOUTHERN CO/THE 4.250% 07/01/2036 DD 05/24/16	202,145	248,994	
	PACIFIC GAS AND ELECTRIC CO 3.500% 08/01/2050 DD 06/19/20	242,728	248,478	
	ABBVIE INC 4.500% 05/14/2035 DD 05/14/15	196,589	247,446	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	TYSON FOODS INC 4.550% 06/02/2047 DD 06/02/17	\$ 224,284	\$ 247,010	
	LYB INTERNATIONAL FINANCE III 2.250% 10/01/2030 DD 10/08/20	238,087	246,910	
	WELLS FARGO & CO 5.375% 02/07/2035 DD 02/07/05	205,439	244,888	
	NESTLE HOLDINGS INC 144A 3.900% 09/24/2038 DD 09/24/18	226,103	244,458	
	DOMINION ENERGY INC 4.600% 03/15/2049 DD 03/13/19	211,848	241,483	
	AMGEN INC 5.150% 11/15/2041 DD 11/10/11	180,865	241,178	
	AMGEN INC 144A 2.770% 09/01/2053 DD 08/17/20	237,172	240,119	
	JPMORGAN CHASE & CO VAR RT 04/01/2023 DD 03/22/19	237,744	238,351	
	INTERCONTINENTAL EXCHANGE INC 1.850% 09/15/2032 DD 08/20/20	233,964	236,804	
	BEST BUY CO INC 1.950% 10/01/2030 DD 10/01/20	234,088	236,128	
	CK HUTCHISON INTERNATIONA 144A 3.375% 05/08/2050 DD 05/08/20	203,239	235,535	
	PANAMA GOVERNMENT INTERNATIONA 3.870% 07/23/2060 DD 07/23/19	199,878	235,502	
	MASSACHUSETTS ELECTRIC CO 144A 1.729% 11/24/2030 DD 11/24/20	235,000	235,400	
	COMCAST CORP 6.500% 11/15/2035 DD 11/14/05	217,518	231,872	
	LOCKHEED MARTIN CORP 4.090% 09/15/2052 DD 09/07/17	205,835	231,644	
	GENERAL MOTORS CO 5.200% 04/01/2045 DD 11/12/14	226,024	230,742	
	WALT DISNEY CO/THE VAR RT 09/01/2021 DD 09/06/19	230,000	230,258	
	GENERAL ELECTRIC CO 5.550% 01/05/2026 DD 01/05/06	212,530	230,022	
	INTEL CORP 3.734% 12/08/2047 DD 06/08/18	197,868	229,452	
	CIGNA CORP 4.800% 07/15/2046 DD 01/15/20	193,552	229,348	
	PIEDMONT NATURAL GAS CO INC 3.350% 06/01/2050 DD 05/21/20	203,538	228,842	
	UNION PACIFIC CORP 3.750% 02/05/2070 DD 01/31/20	187,915	227,403	
	JPMORGAN CHASE & CO VAR RT 02/01/2028 DD 02/01/17	221,376	224,127	
	KROGER CO/THE 5.400% 07/15/2040 DD 07/13/10	170,512	222,750	
	MCDONALD'S CORP 3.625% 05/01/2043 DD 05/06/13	192,270	222,205	
	PACKAGING CORP OF AMERICA 4.050% 12/15/2049 DD 11/21/19	177,425	222,010	
	ONEOK INC 5.200% 07/15/2048 DD 07/02/18	159,416	221,768	
	OGLETHORPE POWER CORP 144A 3.750% 08/01/2050 DD 08/25/20	201,991	220,297	
	DEERE & CO 3.750% 04/15/2050 DD 03/30/20	169,997	220,276	
	ADVOCATE HEALTH & HOSPITALS CO 2.211% 06/15/2030 DD 05/05/20	210,000	218,887	
	COLOMBIA GOVERNMENT INTERNATIO 3.125% 04/15/2031 DD 06/04/20	206,855	217,556	
	UBS GROUP AG 144A VAR RT 01/30/2027 DD 07/30/20	215,000	217,408	
	INTERSTATE POWER AND LIGHT CO 2.300% 06/01/2030 DD 06/02/20	204,129	216,779	
	VIACOMCBS INC 4.375% 03/15/2043 DD 03/15/13	194,884	216,209	
	SOUTHERN CO GAS CAPITAL CORP 3.950% 10/01/2046 DD 09/13/16	182,676	215,453	
	REALTY INCOME CORP 0.750% 03/15/2026 DD 12/14/20	213,263	214,460	
	ENTERPRISE PRODUCTS OPERATING 4.450% 02/15/2043 DD 08/13/12	184,103	213,324	
	BOEING CO/THE 2.700% 02/01/2027 DD 07/31/19	209,239	213,231	
	ALCON FINANCE CORP 144A 2.600% 05/27/2030 DD 05/27/20	199,686	213,080	
	FEDEX CORP 4.050% 02/15/2048 DD 01/31/18	175,564	210,323	
	BAYLOR SCOTT & WHITE HOLDINGS 4.185% 11/15/2045 DD 04/22/15	191,393	209,389	
	ABBOTT LABORATORIES 4.900% 11/30/2046 DD 11/22/16	201,169	209,033	
	FEDEX CORP 3.900% 02/01/2035 DD 01/09/15	174,199	208,964	
	ENERGY TRANSFER OPERATING LP 5.300% 04/15/2047 DD 01/17/17	195,031	207,716	
	EXXON MOBIL CORP 3.095% 08/16/2049 DD 08/16/19	179,522	205,971	
	VALE OVERSEAS LTD 6.250% 08/10/2026 DD 08/10/16	189,833	204,600	
	BP CAPITAL MARKETS AMERICA INC 2.939% 06/04/2051 DD 12/04/20	200,000	204,306	
	CONSTELLATION BRANDS INC 4.650% 11/15/2028 DD 10/29/18	198,776	201,044	
	CORP NACIONAL DEL COBRE D 144A 4.500% 09/16/2025 DD 09/16/15	197,969	200,883	
	DIAMONDBACK ENERGY INC 2.875% 12/01/2024 DD 12/05/19	189,922	199,719	
	UNITEDHEALTH GROUP INC 2.900% 05/15/2050 DD 05/18/20	174,926	199,287	
	ORACLE CORP 2.800% 04/01/2027 DD 04/01/20	195,041	198,518	
	KROGER CO/THE 3.850% 08/01/2023 DD 07/25/13	181,781	197,250	
	WASTE MANAGEMENT INC 2.500% 11/15/2050 DD 11/17/20	193,046	197,020	
	BOEING CO/THE 3.750% 02/01/2050 DD 07/31/19	170,557	194,544	
	SUMITOMO MITSUI FINANCIAL GROU 3.010% 10/19/2026 DD 10/19/16	178,427	193,786	
	SOUTHERN CALIFORNIA GAS CO 3.200% 06/15/2025 DD 06/18/15	176,834	193,613	
	CAPITAL ONE FINANCIAL CORP 4.750% 07/15/2021 DD 07/19/11	197,596	193,409	
	AMERICA MOVIL SAB DE CV 3.125% 07/16/2022 DD 07/16/12	185,093	191,893	
	GOLDMAN SACHS GROUP INC/THE VAR RT 04/23/2039 DD 04/23/18	168,690	191,759	
	NEW YORK LIFE INSURANCE C 144A 3.750% 05/15/2050 DD 04/14/20	159,022	191,397	
	CSX CORP 3.800% 04/15/2050 DD 03/30/20	149,304	185,877	
	CYRUSONE LP / CYRUSONE FINANCE 2.150% 11/01/2030 DD 09/21/20	187,711	185,191	
	DEUTSCHE BANK AG/NEW YORK NY VAR RT 11/24/2026 DD 11/24/20	180,000	184,219	
	HSBC HOLDINGS PLC VAR RT 05/24/2027 DD 11/24/20	180,000	183,046	
	SOUTHWESTERN PUBLIC SERVICE CO 3.750% 06/15/2049 DD 06/18/19	148,109	182,780	
	WILLIAMS COS INC/THE 5.800% 11/15/2043 DD 11/15/13	158,007	182,689	
	AMERICAN WATER CAPITAL CORP 2.800% 05/01/2030 DD 04/14/20	165,018	182,140	
	DUKE REALTY LP 1.750% 07/01/2030 DD 06/29/20	178,330	182,003	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	BANK OF AMERICA CORP VAR RT 10/22/2030 DD 10/22/19	\$ 165,000	\$ 181,188	
	BALTIMORE GAS AND ELECTRIC CO 2.900% 06/15/2050 DD 06/05/20	163,396	177,654	
	ATMOS ENERGY CORP 4.300% 10/01/2048 DD 10/04/18	131,339	176,349	
	BERKSHIRE HATHAWAY FINANCE COR 4.200% 08/15/2048 DD 08/15/18	131,331	174,310	
	BLACK HILLS CORP 2.500% 06/15/2030 DD 06/17/20	164,436	173,295	
	CROWN CASTLE INTERNATIONAL COR 5.200% 02/15/2049 DD 02/11/19	162,198	170,223	
	RAYTHEON TECHNOLOGIES CORP 4.625% 11/16/2048 DD 08/16/18	170,674	169,700	
	3M CO 3.700% 04/15/2050 DD 03/27/20	134,536	167,574	
	VERIZON COMMUNICATIONS IN 144A 2.987% 10/30/2056 DD 10/06/20	178,351	167,097	
	KROGER CO/THE 3.950% 01/15/2050 DD 01/13/20	135,548	165,168	
	MPLX LP 4.250% 12/01/2027 DD 12/01/19	146,976	164,384	
	STATE STREET CORP VAR RT 11/01/2034 DD 11/01/19	158,381	158,945	
	MOODY'S CORP 3.250% 05/20/2050 DD 05/20/20	138,069	155,390	
	WALT DISNEY CO/THE 2.200% 01/13/2028 DD 05/13/20	144,529	155,204	
	GENERAL MOTORS CO 5.000% 10/01/2028 DD 09/10/18	131,158	154,684	
	MIZUHO FINANCIAL GROUP INC 3.663% 02/28/2027 DD 02/28/17	147,586	153,368	
	NORDSTROM INC 144A 8.750% 05/15/2025 DD 04/16/20	135,000	151,207	
	AON CORP 4.500% 12/15/2028 DD 12/03/18	144,645	150,854	
	AMERICA MOVIL SAB DE CV 6.125% 03/30/2040 DD 03/30/10	111,298	148,657	
	NORFOLK SOUTHERN CORP 3.400% 11/01/2049 DD 11/04/19	128,816	148,295	
	BAXTER INTERNATIONAL INC 3.500% 08/15/2046 DD 08/15/16	136,445	142,494	
	GUARDIAN LIFE GLOBAL FUND 144A 1.400% 07/06/2027 DD 07/06/20	139,768	141,757	
	INTERCONTINENTAL EXCHANGE INC 0.700% 06/15/2023 DD 08/20/20	139,864	141,130	
	WALT DISNEY CO/THE 3.800% 05/13/2060 DD 05/13/20	124,190	139,757	
	ALEXANDRIA REAL ESTATE EQUITIE 3.950% 01/15/2028 DD 03/03/17	129,292	139,386	
	EQUINOR ASA 3.250% 11/18/2049 DD 11/18/19	130,891	138,913	
	FIFTH THIRD BANK NA 2.250% 02/01/2027 DD 01/31/20	138,034	138,717	
	JPMORGAN CHASE & CO VAR RT 07/23/2029 DD 07/23/18	136,492	137,493	
	GENERAL MOTORS FINANCIAL CO IN 5.200% 03/20/2023 DD 05/15/20	124,944	137,061	
	AON CORP 2.800% 05/15/2030 DD 05/15/20	124,956	136,371	
	HOME DEPOT INC/THE 3.300% 04/15/2040 DD 03/30/20	113,981	135,539	
	BERKSHIRE HATHAWAY ENERGY CO 4.450% 01/15/2049 DD 07/25/18	121,744	133,035	
	SUNOCO LOGISTICS PARTNERS OPER 5.300% 04/01/2044 DD 04/03/14	122,029	129,676	
	GE CAPITAL FUNDING LLC 144A 4.400% 05/15/2030 DD 05/18/20	113,146	129,671	
	TEACHERS INSURANCE & ANNU 144A 6.850% 12/16/2039 DD 12/16/09	81,896	128,985	
	MCDONALD'S CORP 4.200% 04/01/2050 DD 03/27/20	98,855	128,559	
	S&P GLOBAL INC 2.300% 08/15/2060 DD 08/13/20	132,876	128,485	
	PEACEHEALTH OBLIGATED GROUP 1.375% 11/15/2025 DD 10/08/20	125,000	127,585	
	MEXICO GOVERNMENT INTERNATIONA 4.750% 04/27/2032 DD 04/27/20	109,794	126,368	
	MPLX LP 2.650% 08/15/2030 DD 08/18/20	119,896	125,761	
	ROSS STORES INC 1.875% 04/15/2031 DD 10/21/20	124,781	125,496	
	WEST VIRGINIA UNITED HEALTH SY 3.129% 06/01/2050 DD 12/10/20	120,000	125,316	
	NORTHERN TRUST CORP 1.950% 05/01/2030 DD 05/01/20	119,545	125,081	
	MARATHON PETROLEUM CORP 6.500% 03/01/2041 DD 09/01/11	92,764	124,862	
	TENNESSEE GAS PIPELINE CO LLC 7.000% 03/15/2027 DD 03/13/97	115,275	124,781	
	DIAGEO INVESTMENT CORP 2.875% 05/11/2022 DD 05/11/12	121,705	124,088	
	LIFE STORAGE LP 2.200% 10/15/2030 DD 09/23/20	119,429	122,492	
	GLOBE LIFE INC 2.150% 08/15/2030 DD 08/21/20	119,786	121,960	
	EMPOWER FINANCE 2020 LP 144A 3.075% 09/17/2051 DD 09/17/20	110,000	121,801	
	BAT CAPITAL CORP 4.758% 09/06/2049 DD 09/06/19	101,803	121,733	
	SAN DIEGO GAS & ELECTRIC CO 1.700% 10/01/2030 DD 09/28/20	119,791	121,372	
	BLACKROCK INC 1.900% 01/28/2031 DD 05/06/20	120,080	120,374	
	NOBLE ENERGY INC 5.050% 11/15/2044 DD 11/07/14	91,626	119,616	
	FORD CREDIT AUTO OWNER T C A2A 1.880% 07/15/2022 DD 11/22/19	118,709	119,166	
	SOUTHERN CALIFORNIA EDISON CO 4.000% 04/01/2047 DD 03/24/17	108,173	117,460	
	ALLY FINANCIAL INC 1.450% 10/02/2023 DD 09/18/20	116,892	117,394	
	NEVADA POWER CO 3.125% 08/01/2050 DD 01/30/20	104,959	116,275	
	BURLINGTON NORTHERN SANTA FE L 6.700% 08/01/2028 DD 07/30/98	83,283	116,056	
	MYLAN INC 4.550% 04/15/2028 DD 10/15/18	107,383	112,936	
	TRANSCONTINENTAL GAS PIPE LINE 4.600% 03/15/2048 DD 09/15/18	97,629	111,694	
	CLEVELAND ELECTRIC ILLUMI 144A 4.550% 11/15/2030 DD 11/02/18	93,930	108,373	
	TRUIST FINANCIAL CORP 4.000% 05/01/2025 DD 04/26/18	94,878	107,574	
	SEMPRA ENERGY 4.000% 02/01/2048 DD 01/12/18	95,514	107,238	
	WALT DISNEY CO/THE 4.625% 03/23/2040 DD 03/23/20	79,814	106,834	
	BRISTOL-MYERS SQUIBB CO 1.125% 11/13/2027 DD 11/13/20	104,937	106,050	
	VIACOMCBS INC 4.950% 05/19/2050 DD 05/19/20	76,936	103,626	
	UNION ELECTRIC CO 3.250% 10/01/2049 DD 10/01/19	96,946	103,229	
	LOCKHEED MARTIN CORP 2.800% 06/15/2050 DD 05/20/20	94,176	102,712	
	ALABAMA POWER CO 4.150% 08/15/2044 DD 08/26/14	79,363	101,494	

American Electric Power System Retirement Plan

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(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	BRISTOL-MYERS SQUIBB CO 4.350% 11/15/2047 DD 05/15/20	\$ 100,445	\$ 101,016	
	CONAGRA BRANDS INC 5.300% 11/01/2038 DD 10/22/18	92,126	100,268	
	CATERPILLAR FINANCIAL SERVICES 1.900% 09/06/2022 DD 09/06/19	94,868	97,649	
	HEALTHPEAK PROPERTIES INC 2.875% 01/15/2031 DD 06/23/20	94,855	97,005	
	BOEING CO/THE 5.805% 05/01/2050 DD 05/04/20	70,000	96,471	
	HOME DEPOT INC/THE 3.500% 09/15/2056 DD 09/15/16	89,321	93,776	
	ENTERGY TEXAS INC 4.000% 03/30/2029 DD 01/08/19	86,402	93,427	
	ISRAEL ST AID 5.500% 04/26/2024 DD 04/26/04	95,938	93,349	
	PSEG POWER LLC 3.850% 06/01/2023 DD 06/06/18	91,475	91,451	
	CHUBB INA HOLDINGS INC 1.375% 09/15/2030 DD 09/17/20	89,799	89,836	
	ONEOK INC 4.500% 03/15/2050 DD 03/10/20	65,874	89,130	
	COX COMMUNICATIONS INC 144A 6.450% 12/01/2036 DD 12/01/06	77,522	86,434	
	CONCHO RESOURCES INC 3.750% 10/01/2027 DD 09/26/17	75,913	85,718	
	NOBLE ENERGY INC 6.000% 03/01/2041 DD 02/18/11	63,520	83,667	
	ROGERS COMMUNICATIONS INC 3.700% 11/15/2049 DD 11/12/19	69,248	82,752	
	AT&T INC 144A 3.550% 09/15/2055 DD 09/18/20	75,878	82,719	
	SUMITOMO MITSUI FINANCIAL GROU 3.202% 09/17/2029 DD 09/17/19	75,000	82,103	
	PHILLIPS 66 2.150% 12/15/2030 DD 06/10/20	76,061	81,214	
	VIACOMCBS INC 5.850% 09/01/2043 DD 08/19/13	59,374	76,506	
	MLPX LP 5.200% 03/01/2047 DD 02/10/17	65,477	72,989	
	AMERICAN WATER CAPITAL CORP 4.150% 06/01/2049 DD 05/13/19	65,456	72,824	
	AETNA INC 3.500% 11/15/2024 DD 11/10/14	66,894	71,342	
	BAT CAPITAL CORP 4.390% 08/15/2037 DD 08/15/18	63,000	70,769	
	ALIBABA GROUP HOLDING LTD 4.200% 12/06/2047 DD 12/06/17	62,989	69,246	
	EVERSOURCE ENERGY 3.450% 01/15/2050 DD 01/10/20	64,057	68,313	
	SHERWIN-WILLIAMS CO/THE 3.300% 05/15/2050 DD 03/17/20	59,894	66,334	
	BROADCOM INC 4.150% 11/15/2030 DD 05/08/20	60,058	63,677	
	BURLINGTON NORTHERN SANTA FE L 7.950% 08/15/2030 DD 08/08/00	46,469	63,395	
	MARATHON PETROLEUM CORP 3.800% 04/01/2028 DD 04/01/19	49,649	55,740	
	AMERICAN INTERNATIONAL GROUP I 3.875% 01/15/2035 DD 01/15/15	47,662	53,995	
	CHARTER COMMUNICATIONS OPERATI 6.834% 10/23/2055 DD 10/23/16	47,279	53,084	
	TIME WARNER ENTERTAINMENT CO L 8.375% 03/15/2023 DD 09/15/93	51,094	52,599	
	PFIZER INC 4.000% 03/15/2049 DD 03/11/19	51,042	52,573	
	LOWE'S COS INC 4.250% 09/15/2044 DD 09/10/14	48,507	50,279	
	TRANSCONTINENTAL GAS PIPE LINE 4.450% 08/01/2042 DD 07/13/12	44,784	50,042	
	HALLIBURTON CO 4.500% 11/15/2041 DD 11/14/11	38,605	49,134	
	DIGITAL REALTY TRUST LP 4.450% 07/15/2028 DD 06/21/18	34,693	42,082	
	BOEING CO/THE 2.600% 10/30/2025 DD 10/29/15	38,544	41,731	
	ALABAMA POWER CO 3.450% 10/01/2049 DD 09/17/19	29,900	35,198	
	JOHNSON CONTROLS INTERNATIONAL 4.500% 02/15/2047 DD 02/07/17	23,942	26,287	
	ALIMENTATION COUCHE-TARD 144A 4.500% 07/26/2047 DD 07/26/17	21,972	25,036	
	SOUTHERN CALIFORNIA EDISON CO 3.900% 03/15/2043 DD 03/07/13	21,128	22,589	
	VERIZON COMMUNICATIONS INC 5.012% 04/15/2049 DD 02/03/17	19,852	22,180	
	BRISTOL-MYERS SQUIBB CO 4.550% 02/20/2048 DD 02/20/20	20,443	20,923	
	VODAFONE GROUP PLC 4.875% 06/19/2049 DD 06/19/19	15,187	20,046	
	HESS CORP 7.300% 08/15/2031 DD 08/15/01	17,288	19,625	
	GEORGIA POWER CO 4.300% 03/15/2042 DD 03/06/12	17,442	19,048	
	VOYA FINANCIAL INC 4.800% 06/15/2046 DD 06/13/16	17,589	19,014	
	AMERICAN AIRLINES 2017-1 CLASS 3.650% 08/15/2030 DD 01/13/17	13,248	13,365	
	EXELON CORP 4.450% 04/15/2046 DD 04/07/16	5,840	6,371	
Total Corporate Obligations		1,410,227,224	1,641,435,999	
U.S. Government Obligations				
	U S TREASURY BOND 2.500% 02/15/2046 DD 02/15/16	79,253,246	88,054,626	
	U S TREASURY BOND 2.500% 02/15/2045 DD 02/15/15	50,605,235	59,471,970	
	U S TREASURY BOND 1.625% 11/15/2050 DD 11/15/20	48,032,411	48,607,038	
	U S TREASURY BOND 2.875% 05/15/2043 DD 05/15/13	43,723,798	47,757,175	
	U S TREASURY BOND 1.375% 11/15/2040 DD 11/15/20	47,333,721	47,148,544	
	U S TREASURY NOTE 0.625% 12/31/2027 DD 12/31/20	46,029,706	46,089,707	
	U S TREASURY BOND 3.625% 08/15/2043 DD 08/15/13	41,708,322	45,362,112	
	U S TREASURY BOND 3.125% 02/15/2043 DD 02/15/13	39,862,226	43,610,700	
	U S TREASURY BOND 2.875% 05/15/2049 DD 05/15/19	34,253,980	37,389,966	
	U S TREASURY BOND 3.750% 11/15/2043 DD 11/15/13	29,647,850	36,617,539	
	U S TREASURY BOND 3.000% 02/15/2049 DD 02/15/19	28,655,223	34,815,797	
	U S TREASURY BOND 3.750% 11/15/2043 DD 11/15/13	28,382,610	30,919,322	
	U S TREASURY NOTE 0.125% 09/30/2022 DD 09/30/20	28,448,102	28,459,038	
	U S TREASURY BOND 3.000% 11/15/2044 DD 11/15/14	23,592,199	25,101,397	
	U S TREASURY BOND 2.750% 11/15/2042 DD 11/15/12	23,157,589	24,097,578	
	U S TREASURY BOND 2.875% 05/15/2049 DD 05/15/19	21,183,185	23,871,867	
	FEDERAL NATL MTG ASSN 0.875% 08/05/2030 DD 08/05/20	22,970,950	22,715,333	
	U S TREASURY BOND 3.000% 02/15/2047 DD 02/15/17	16,375,080	19,932,619	
	U S TREASURY BOND 1.375% 08/15/2050 DD 08/15/20	17,546,028	17,494,941	
	U S TREASURY BOND 3.625% 02/15/2044 DD 02/15/14	14,819,032	17,150,327	
	U S TREASURY BOND 3.000% 05/15/2045 DD 05/15/15	14,120,101	16,674,177	
	U S TREASURY BOND 3.000% 02/15/2049 DD 02/15/19	13,123,622	14,496,469	
	U S TREASURY BD PRIN STRIP 0.000% 02/15/2043 DD 02/15/13	7,243,932	14,044,372	
	U S TREASURY BOND 3.000% 05/15/2047 DD 05/15/17	10,763,890	13,718,270	
	US TREAS-CPI INFLAT 0.125% 04/15/2021 DD 04/15/16	13,188,828	13,357,300	
	U S TREASURY BOND 2.750% 08/15/2047 DD 08/15/17	11,296,844	12,880,993	
	U S TREASURY BOND 2.250% 08/15/2046 DD 08/15/16	11,070,216	12,571,119	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	U S TREASURY BOND 3.625% 08/15/2043 DD 08/15/13	\$ 9,362,254	\$ 11,899,081	
	U S TREASURY BOND 2.875% 08/15/2045 DD 08/15/15	10,850,027	10,674,681	
	U S TREASURY BOND 3.000% 02/15/2048 DD 02/15/18	10,702,430	10,331,185	
	U S TREASURY BOND 1.375% 08/15/2050 DD 08/15/20	10,205,186	10,161,676	
	U S TREASURY BOND 3.125% 08/15/2044 DD 08/15/14	8,548,638	9,939,928	
	U S TREASURY NOTE 0.625% 05/15/2030 DD 05/15/20	8,872,850	8,671,844	
	U S TREASURY BOND 3.375% 05/15/2044 DD 05/15/14	8,105,856	8,663,366	
	U S TREASURY BD CPN STRIP 0.000% 02/15/2040 DD 02/16/10	6,306,660	8,082,667	
	U S TREASURY BOND 3.750% 11/15/2043 DD 11/15/13	8,255,496	7,952,575	
	U S TREASURY BOND 4.250% 05/15/2039 DD 05/15/09	6,395,304	7,679,597	
	FEDERAL NATL MTG ASSN 7.250% 05/15/2030 DD 05/05/00	6,649,411	7,397,621	
	U S TREASURY NOTE 2.250% 11/15/2025 DD 11/15/15	6,672,791	7,174,637	
	U S TREASURY NOTE 0.500% 03/31/2025 DD 03/31/20	7,026,564	7,029,217	
	U S TREASURY BOND 3.000% 02/15/2048 DD 02/15/18	5,286,808	6,513,504	
	US TREASURY INFLATION FWD 0.375% 01/15/2027 DD 01/15/17	6,471,503	6,511,838	
	U S TREASURY NOTE 0.125% 11/30/2022 DD 11/30/20	6,369,108	6,375,765	
	U S TREASURY BD CPN STRIP 0.000% 05/15/2039 DD 05/15/09	3,969,728	5,636,105	
	U S TREASURY BOND 3.000% 11/15/2044 DD 11/15/14	5,668,498	5,552,204	
	U S TREASURY BOND 3.125% 11/15/2041 DD 11/15/11	4,037,734	5,084,136	
	U S TREASURY NOTE 2.750% 05/31/2023 DD 05/31/18	4,925,696	5,058,262	
	FEDERAL HOME LN MTG CORP 6.750% 03/15/2031 DD 10/25/00	4,330,852	4,938,296	
	US TREASURY INFLATION FWD 0.875% 02/15/2047 DD 02/15/17	4,610,979	4,658,572	
	FEDERAL NATL MTG ASSN 6.625% 11/15/2030 DD 11/03/00	3,996,060	4,542,360	
	U S TREASURY NOTE 1.125% 02/28/2022 DD 02/29/20	4,512,057	4,502,510	
	UNITED STATES TREASURY FWD 3.125% 02/15/2043 DD 02/15/13	4,460,282	4,472,183	
	U S TREASURY NOTE 2.375% 05/15/2029 DD 05/15/19	4,287,919	4,209,846	
	U S TREASURY NOTE 1.500% 09/30/2024 DD 09/30/19	4,052,999	4,031,528	
	U S TREASURY NOTE 1.750% 06/30/2024 DD 06/30/19	3,852,794	3,857,311	
	U S TREASURY NOTE 0.125% 05/31/2022 DD 05/31/20	3,791,514	3,795,759	
	U S TREASURY NOTE 0.375% 03/31/2022 DD 03/31/20	3,493,008	3,496,013	
	U S TREASURY NOTE 2.750% 04/30/2023 DD 04/30/18	3,304,408	3,462,435	
	UNITED STATES TREASURY FWD 3.625% 08/15/2043 DD 08/15/13	3,331,003	3,341,468	
	U S TREASURY NOTE 0.875% 11/15/2030 DD 11/15/20	3,181,323	3,184,520	
	U S TREASURY BOND 1.250% 05/15/2050 DD 05/15/20	3,286,665	3,170,629	
	U S TREASURY NOTE 2.375% 02/29/2024 DD 02/28/19	3,110,778	3,105,300	
	U S TREASURY NOTE 2.125% 03/31/2024 DD 03/31/17	2,918,769	3,006,762	
	U S TREASURY BOND 3.125% 05/15/2048 DD 05/15/18	2,337,786	2,918,918	
	U S TREASURY BOND 1.375% 08/15/2050 DD 08/15/20	3,029,957	2,898,653	
	U S TREASURY NOTE 2.000% 10/31/2021 DD 10/31/14	2,886,961	2,894,204	
	U S TREASURY NOTE 2.125% 05/31/2026 DD 05/31/19	2,551,983	2,685,533	
	U S TREASURY BOND 3.000% 11/15/2045 DD 11/15/15	2,320,281	2,545,219	
	U S TREASURY NOTE 2.750% 07/31/2023 DD 07/31/18	2,451,756	2,518,002	
	U S TREASURY NOTE 1.875% 04/30/2022 DD 04/30/17	2,409,137	2,501,920	
	U S TREASURY NOTE 1.375% 01/31/2022 DD 01/31/20	2,482,665	2,493,062	
	U S TREASURY NOTE 0.625% 08/15/2030 DD 08/15/20	2,500,992	2,486,250	
	UNITED STATES TREASURY FWD 2.750% 11/15/2042 DD 11/15/12	2,373,250	2,381,480	
	U S TREASURY NOTE 0.125% 08/15/2023 DD 08/15/20	2,291,145	2,293,738	
	U S TREASURY NOTE 3.125% 11/15/2028 DD 11/15/18	2,213,042	2,249,562	
	U S TREASURY NOTE 1.625% 02/15/2026 DD 02/15/16	1,978,431	2,212,267	
	U S TREASURY NOTE 0.125% 07/31/2022 DD 07/31/20	2,209,065	2,210,354	
	U S TREASURY NOTE 0.375% 04/30/2025 DD 04/30/20	2,164,894	2,162,823	
	U S TREASURY NOTE 1.375% 01/31/2025 DD 01/31/20	2,118,624	2,121,350	
	U S TREASURY NOTE 0.250% 07/31/2025 DD 07/31/20	2,105,919	2,103,818	
	U S TREASURY NOTE 0.625% 11/30/2027 DD 11/30/20	2,049,186	2,054,671	
	U S TREASURY NOTE 0.125% 07/15/2023 DD 07/15/20	2,012,150	2,014,053	
	U S TREASURY NOTE 1.875% 06/30/2026 DD 06/30/19	1,918,265	1,904,470	
	U S TREASURY NOTE 0.250% 08/31/2025 DD 08/31/20	1,812,322	1,814,103	
	U S TREASURY NOTE 0.375% 09/30/2027 DD 09/30/20	1,787,785	1,787,285	
	RESOLUTION FDG CORP PRIN STRIP 0.000% 04/15/2030 DD 04/15/90	1,657,550	1,692,612	
	U S TREASURY NOTE 2.250% 04/15/2022 DD 04/15/19	1,661,674	1,669,314	
	U S TREASURY NOTE 0.500% 03/15/2023 DD 03/15/20	1,608,832	1,607,967	
	U S TREASURY BOND 1.625% 11/15/2050 DD 11/15/20	1,603,900	1,603,963	
	U S TREASURY NOTE 0.250% 11/15/2023 DD 11/15/20	1,587,130	1,589,454	
	U S TREASURY NOTE 1.750% 05/15/2023 DD 05/15/13	1,459,846	1,562,265	
	RESOLUTION FDG CORP PRIN STRIP 0.000% 01/15/2030 DD 01/30/91	1,482,884	1,503,154	
	U S TREASURY NOTE 0.500% 08/31/2027 DD 08/31/20	1,439,009	1,426,261	
	U S TREASURY NOTE 2.875% 08/15/2028 DD 08/15/18	1,255,051	1,324,224	
	U S TREASURY NOTE 2.000% 04/30/2024 DD 04/30/17	1,238,985	1,319,600	
	US TREAS-CPI INFLAT 0.250% 02/15/2050 DD 02/15/20	1,196,871	1,230,626	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)

EIN: 13-4922641

Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	U S TREASURY NOTE 0.250% 06/30/2025 DD 06/30/20	\$ 1,213,873	\$ 1,211,914	
	U S TREASURY NOTE 2.125% 07/31/2024 DD 07/31/17	1,078,175	1,196,518	
	FEDERAL NATL MTG ASSN 0.500% 11/07/2025 DD 11/12/20	1,130,937	1,139,744	
	U S TREASURY NOTE 0.625% 05/15/2030 DD 05/15/20	1,084,304	1,060,761	
	U S TREASURY NOTE 2.500% 02/28/2026 DD 02/28/19	915,595	981,102	
	U S TREASURY NOTE 0.625% 03/31/2027 DD 03/31/20	978,656	980,831	
	FEDERAL NATL MTG ASSN 0.750% 10/08/2027 DD 10/09/20	973,606	978,793	
	FEDERAL HOME LN MTG CORP 0.375% 09/23/2025 DD 09/25/20	962,095	963,398	
	US TREASURY INFLATION FWD 0.625% 01/15/2026 DD 01/15/16	937,572	941,473	
	US TREASURY INFLATION FWD 0.875% 01/15/2029 DD 01/15/19	878,829	884,175	
	U S TREASURY NOTE 1.500% 10/31/2024 DD 10/31/19	883,608	880,396	
	U S TREASURY NOTE 2.875% 11/15/2021 DD 11/15/18	813,417	824,119	
	U S TREASURY NOTE 0.375% 11/30/2025 DD 11/30/20	775,078	776,093	
	U S TREASURY NOTE 0.500% 05/31/2027 DD 05/31/20	776,665	772,272	
	U S TREASURY NOTE 2.125% 05/15/2022 DD 05/15/19	751,042	760,232	
	U S TREASURY NOTE 2.250% 08/15/2027 DD 08/15/17	641,764	731,828	
	FEDERAL NATL MTG ASSN 1.875% 09/24/2026 DD 09/27/16	612,404	702,813	
	US TREAS-CPI INFLAT 1.000% 02/15/2048 DD 02/15/18	484,171	595,066	
	U S TREASURY NOTE 2.625% 02/15/2029 DD 02/15/19	564,361	562,505	
	U S TREASURY NOTE 2.875% 07/31/2025 DD 07/31/18	524,740	546,963	
	U S TREASURY NOTE 1.375% 02/15/2023 DD 02/15/20	521,771	533,712	
	U S TREASURY NOTE 0.125% 12/15/2023 DD 12/15/20	418,950	419,509	
	U S TREASURY NOTE 0.250% 09/30/2025 DD 09/30/20	419,102	418,408	
	U S TREASURY NOTE 2.000% 11/15/2026 DD 11/15/16	411,710	408,150	
	FEDERAL NATL MTG ASSN 0.875% 08/05/2030 DD 08/05/20	387,067	382,760	
	US LONG BOND FUTURE (CBT) EXP MAR 21	-	364,969	
	PRIVATE EXPORT FUNDING CORP 3.550% 01/15/2024 DD 01/14/14	298,974	328,035	
	U S TREASURY BOND 5.250% 11/15/2028 DD 11/15/98	312,656	323,587	
	U S TREASURY BOND 1.250% 05/15/2050 DD 05/15/20	299,178	294,837	
	U S TREASURY NOTE 1.625% 05/15/2026 DD 05/15/16	224,125	255,545	
	US TREASURY INFLATION FWD 0.750% 07/15/2028 DD 07/15/18	239,990	241,165	
	U S TREASURY NOTE 2.250% 11/15/2027 DD 11/15/17	169,335	194,318	
	US 10YR ULTRA FUTURE (CBT) EXP MAR 21	-	154,172	
	US LONG BOND FUTURE (CBT) EXP MAR 21	-	137,461	
	U S TREASURY NOTE 1.500% 01/31/2022 DD 01/31/15	110,134	111,632	
	U S TREASURY NOTE 1.625% 08/15/2029 DD 08/15/19	99,259	106,870	
	US TREASURY INFLATION FWD 0.500% 01/15/2028 DD 01/15/18	58,276	58,630	
	US 10YR ULTRA FUTURE (CBT) EXP MAR 21	-	27,164	
	US 10YR NOTE FUTURE (CBT) EXP MAR 21	-	3,914	
	US 2YR TREAS NTS FUT (CBT) EXP MAR 21	-	2,359	
	US 2YR NOTE FUTURE (CBT) EXP DEC 20	-	516	
	U S TREASURY BD CPN STRIP 0.000% 02/15/2040 DD 02/16/10	0	0	
	US 5YR NOTE FUTURE (CBT) EXP MAR 21	-	(242)	
	US 10YR NOTE FUTURE (CBT) EXP MAR 21	-	(10,188)	
	US 10YR NOTE FUTURE (CBT) EXP MAR 21	-	(13,141)	
	US ULTRA BOND FUTURE (CBT) EXP MAR 21	-	(15,719)	
	US LONG BOND FUTURE (CBT) EXP MAR 21	-	(76,188)	
	US 10YR ULTRA FUTURE (CBT) EXP MAR 21	-	(80,328)	
	US ULTRA BOND FUTURE (CBT) EXP MAR 21	-	(819,594)	
	US ULTRA BOND FUTURE (CBT) EXP MAR 21	-	(1,024,945)	
	US TREASURY INFLATION FWD 1.000% 02/15/2049 DD 02/15/19	(4,172,326)	(4,204,106)	
	US TREASURY INFLATION FWD 0.500% 04/15/2024 DD 04/15/19	(10,612,843)	(10,642,556)	
Total U.S. Government Obligations		1,043,955,455	1,133,728,549	
Total Investments		4,594,552,893	5,564,324,623	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
	Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value
401(h)				
Short-Term Investments				
	CHF (SWISS FRANC)	\$	3,794,605	\$ 3,794,605
	GBP (GREAT BRITISH POUNDS)		1,533,090	1,533,090
	JPY (JAPANESE YEN)		166,625	166,625
	KRW (SOUTH KOREAN WON)		147,066	147,066
	EUR (EURO)		56,301	56,301
	TWD (TAIWAN DOLLAR)		43,218	43,218
	HKD (HONG KONG DOLLARS)		4,044	4,044
	JPY (JAPANESE YEN)		3,111	3,066
	ZAR (SOUTH AFRICAN RAND)		566	586
	EUR (EURO)		49	47
	ZAR (SOUTH AFRICAN RAND)		1	1
	EUR (EURO)		0	0
	NZD (NEW ZEALAND DOLLAR)		0	0
	GBP (GREAT BRITISH POUNDS)		0	-
	KRW (SOUTH KOREAN WON)		0	0
	CAD (CANADIAN DOLLARS)		0	0
*	EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10		0	0
*	EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10		0	0
*	EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10		-	-
*	EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10		-	-
*	EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10		(0)	-
*	EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10		(16)	(0)
*	EB TEMP INV FD VAR RT 12/31/2049 DD 04/02/10		(1)	(1)
Total Short-Term Investments			5,748,659	5,748,649
State and Local Government Obligations				
	UNIV OF CALIFORNIA CA REVENUES 4.767% 05/15/2115 DD 04/08/15		817,612	946,914
	UNIV OF CALIFORNIA CA RGTS MED 6.548% 05/15/2048 DD 11/18/10		347,146	397,932
	SALES TAX SECURITIZATION CORP 4.637% 01/01/2040 DD 01/30/19		335,852	384,755
	SALES TAX SECURITIZATION CORP 3.587% 01/01/2043 DD 12/14/17		328,665	368,928
	RUTGERS NJ ST UNIV 3.270% 05/01/2043 DD 10/24/19		246,163	336,833
	PORT AUTH OF NEW YORK & NEW JE 4.926% 10/01/2051 DD 10/06/11		274,460	310,168
	N TX TOLLWAY AUTH REVENUE 6.718% 01/01/2049 DD 08/12/09		257,178	304,210
	NEW YORK ST URBAN DEV CORP REV 3.900% 03/15/2033 DD 01/16/19		247,950	304,150
	NEW YORK ST THRUWAY AUTH 3.500% 01/01/2042 DD 10/30/19		181,793	212,632
	NEW YORK ST DORM AUTH ST PERSO 3.110% 02/15/2039 DD 01/03/20		145,819	168,483
	NEW YORK CITY NY MUNI WTR FIN 5.440% 06/15/2043 DD 09/23/10		155,105	163,541
	MUNI ELEC AUTH OF GEORGIA 6.637% 04/01/2057 DD 03/11/10		119,631	138,731
	MET TRANSPRTN AUTH NY DEDICATE 7.336% 11/15/2039 DD 04/30/09		109,817	126,916
	MASSACHUSETTS ST 2.514% 07/01/2041 DD 07/09/20		106,847	111,999
	KANSAS ST DEV FIN AUTH REVENUE 4.927% 04/15/2045 DD 08/20/15		80,000	87,113
	CMWLTH FING AUTH PA 4.144% 06/01/2038 DD 10/31/16		65,945	80,916
	CHICAGO IL TRANSIT AUTH SALES 6.200% 12/01/2040 DD 04/06/10		62,542	72,298
	CHICAGO IL TRANSIT AUTH SALES 6.899% 12/01/2040 DD 08/06/08		48,940	61,176
	CALIFORNIA ST 4.600% 04/01/2038 DD 04/25/18		50,000	53,636
	CALIFORNIA ST 4.500% 04/01/2033 DD 04/25/18		50,000	52,327
	CALIFORNIA ST 7.600% 11/01/2040 DD 12/01/10		45,000	48,390
	CALIFORNIA ST 7.550% 04/01/2039 DD 04/28/09		23,588	26,337
	BAY AREA CA TOLL AUTH TOLL BRI 3.552% 04/01/2054 DD 09/26/19		9,709	12,213
Total State and Local Government Obligations			4,109,762	4,770,595
Common/Collective Trusts				
*	JPMCB LONG DURATION INVESTMENT GRADE FUND		97,368,275	176,173,460
	BNYM-M DB SL ACWI FUND		81,498,023	119,172,364
Total Common/Collective Trusts			178,866,298	295,345,824

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
Corporate Obligations				
	AT&T INC 144A 3.500% 09/15/2053 DD 09/18/20	\$ 1,941,539	\$ 2,242,291	
	VERIZON COMMUNICATIONS INC 4.812% 03/15/2039 DD 02/03/17	1,667,487	2,172,192	
	COMCAST CORP 3.400% 07/15/2046 DD 07/19/16	990,563	1,260,641	
	MICROSOFT CORP 4.100% 02/06/2037 DD 02/06/17	903,468	1,093,263	
	TIME WARNER CABLE LLC 5.500% 09/01/2041 DD 09/12/11	910,648	1,092,123	
	BERKSHIRE HATHAWAY ENERGY CO 6.125% 04/01/2036 DD 10/01/06	933,663	1,056,777	
	ANHEUSER-BUSCH COS LLC / ANHEU 4.900% 02/01/2046 DD 02/01/19	787,191	1,037,584	
	WELLS FARGO & CO 4.650% 11/04/2044 DD 11/04/14	842,144	1,019,762	
	MEXICO GOVERNMENT INTERNATIONA 5.000% 04/27/2051	839,160	1,008,450	
	ORACLE CORP 5.375% 07/15/2040 DD 07/15/11	800,189	940,095	
	BURLINGTON NORTHERN SANTA FE L 4.150% 04/01/2045 DD 03/09/15	733,413	907,733	
	GE CAPITAL INTERNATIONAL FUNDI 4.418% 11/15/2035 DD 05/15/16	719,026	835,485	
	LOCKHEED MARTIN CORP 3.600% 03/01/2035 DD 02/20/15	635,123	772,870	
	CHARTER COMMUNICATIONS OPERATI 5.375% 05/01/2047 DD 11/01/17	649,272	767,588	
	RAYTHEON TECHNOLOGIES CORP 3.750% 11/01/2046 DD 11/01/16	528,716	652,685	
	ANHEUSER-BUSCH COS LLC / ANHEU 4.700% 02/01/2036 DD 02/01/19	486,818	641,496	
	AT&T INC 144A 3.800% 12/01/2057 DD 12/07/20	642,350	625,919	
	BANK OF AMERICA CORP VAR RT 06/19/2041 DD 06/19/20	594,771	614,721	
	AMGEN INC 3.375% 02/21/2050 DD 02/21/20	552,796	597,745	
	AMAZON.COM INC 3.875% 08/22/2037 DD 02/22/18	494,126	592,548	
	ENERGY TRANSFER LP 6.050% 06/01/2041 DD 05/12/11	535,240	585,575	
	JPMORGAN CHASE & CO VAR RT 11/15/2048 DD 11/10/17	432,849	547,461	
	SUNCOR ENERGY INC 6.500% 06/15/2038 DD 06/28/07	439,972	545,146	
	APPLE INC 3.850% 08/04/2046 DD 08/04/16	426,065	533,678	
	HOME DEPOT INC/THE 4.400% 03/15/2045 DD 06/12/14	438,628	531,732	
	ENTERPRISE PRODUCTS OPERATING 5.100% 02/15/2045 DD 02/12/14	450,186	526,245	
	JOHNSON & JOHNSON 3.700% 03/01/2046 DD 03/01/16	408,050	503,740	
	MICROSOFT CORP 2.525% 06/01/2050 DD 06/01/20	479,434	497,743	
	BANK OF AMERICA CORP VAR RT 03/20/2051 DD 03/20/20	416,295	492,519	
	ABBVIE INC 4.050% 11/21/2039 DD 05/21/20	408,457	490,143	
	ENERGY TRANSFER LP 6.000% 06/15/2048 DD 06/08/18	430,655	483,115	
	ANTHEM INC 4.625% 05/15/2042 DD 05/07/12	401,909	482,447	
	JPMORGAN CHASE & CO VAR RT 02/22/2048 DD 02/22/17	375,624	471,485	
	DISCOVERY COMMUNICATIONS LLC 5.200% 09/20/2047 DD 09/21/17	380,326	467,582	
	LOWE'S COS INC 4.050% 05/03/2047 DD 05/03/17	345,841	463,173	
	DUKE ENERGY PROGRESS LLC 4.100% 05/15/2042 DD 05/18/12	377,014	445,378	
	VIACOMCBS INC 4.375% 03/15/2043 DD 03/15/13	332,637	441,870	
	MCDONALD'S CORP 4.875% 12/09/2045 DD 12/09/15	366,536	441,558	
	GOLDMAN SACHS GROUP INC/THE VAR RT 10/31/2038 DD 10/31/17	360,248	439,322	
	ABBVIE INC 4.250% 11/21/2049 DD 05/21/20	355,170	438,837	
	CVS HEALTH CORP 5.125% 07/20/2045 DD 07/20/15	374,180	437,567	
	DUKE ENERGY CAROLINAS LLC 3.875% 03/15/2046 DD 03/11/16	363,971	436,267	
	COMCAST CORP 4.950% 10/15/2058 DD 10/05/18	303,229	432,704	
	ALABAMA POWER CO 4.300% 01/02/2046 DD 01/13/16	350,870	428,987	
	PACIFICORP 4.125% 01/15/2049 DD 07/13/18	329,261	424,294	
	AMGEN INC 4.563% 06/15/2048 DD 12/15/16	344,192	423,837	
	ORACLE CORP 3.600% 04/01/2050 DD 04/01/20	390,557	419,429	
	NATIONWIDE MUTUAL INSURAN 144A 9.375% 08/15/2039 DD 08/10/09	396,050	409,151	
	REYNOLDS AMERICAN INC 5.850% 08/15/2045 DD 06/12/15	361,138	402,806	
	ABBOTT LABORATORIES 4.750% 11/30/2036 DD 11/22/16	294,959	398,901	
	POTOMAC ELECTRIC POWER CO 4.150% 03/15/2043 DD 03/18/13	335,749	397,574	
	COX COMMUNICATIONS INC 144A 8.375% 03/01/2039 DD 02/20/09	315,877	396,170	
	SHELL INTERNATIONAL FINANCE BV 4.000% 05/10/2046 DD 05/10/16	316,610	390,420	
	OGLETHORPE POWER CORP 5.050% 10/01/2048 DD 04/01/19	307,118	387,292	
	JPMORGAN CHASE & CO VAR RT 04/22/2041 DD 04/22/20	361,854	374,453	
	BRISTOL-MYERS SQUIBB CO 4.250% 10/26/2049 DD 04/26/20	360,506	371,885	
	VIRGINIA ELECTRIC AND POWER CO 4.650% 08/15/2043 DD 08/15/13	311,033	371,841	
	FEDEX CORP 5.250% 05/15/2050 DD 04/07/20	304,026	368,272	
	BROADCOM INC 4.300% 11/15/2032 DD 05/08/20	338,424	367,502	
	QUALCOMM INC 4.300% 05/20/2047 DD 05/26/17	311,242	364,732	
	JPMORGAN CHASE & CO VAR RT 07/24/2038 DD 07/24/17	295,242	359,257	
	ALTRIA GROUP INC 3.875% 09/16/2046 DD 09/16/16	321,986	353,857	
	CONSOLIDATED EDISON CO OF NEW 6.750% 04/01/2038 DD 04/04/08	322,666	351,525	
	MORGAN STANLEY VAR RT 07/22/2038 DD 07/24/17	288,913	351,257	
	WALMART INC 3.950% 06/28/2038 DD 06/27/18	274,802	350,796	
	EXXON MOBIL CORP 4.227% 03/19/2040 DD 03/19/20	298,005	348,698	
	CITIGROUP INC 4.650% 07/30/2045 DD 07/30/15	283,179	348,002	
	DUKE ENERGY INDIANA LLC 4.200% 03/15/2042 DD 03/15/12	295,916	345,166	

American Electric Power System Retirement Plan

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 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	TELEFONICA EMISIONES SA 5.213% 03/08/2047 DD 03/08/17	\$ 293,684	\$ 339,680	
	COMMONWEALTH EDISON CO 6.450% 01/15/2038 DD 01/16/08	302,136	338,983	
	CSX CORP 4.500% 08/01/2054 DD 07/21/14	268,228	338,370	
	AMERICAN TOWER CORP 2.950% 01/15/2051 DD 11/20/20	331,416	335,801	
	DOMINION ENERGY INC 7.000% 06/15/2038 DD 06/17/08	297,537	335,744	
	SEMPRA ENERGY 3.800% 02/01/2038 DD 01/12/18	269,127	330,116	
	ORACLE CORP 4.000% 11/15/2047 DD 11/09/17	284,752	321,071	
	UNUM GROUP 4.500% 12/15/2049 DD 09/11/19	265,482	316,122	
	VODAFONE GROUP PLC 5.250% 05/30/2048 DD 05/30/18	222,000	313,414	
	VERIZON COMMUNICATIONS INC 4.125% 08/15/2046 DD 08/01/16	224,839	312,872	
	WALT DISNEY CO/THE 3.500% 05/13/2040 DD 05/13/20	268,680	311,505	
	MARSH & MCLENNAN COS INC 4.750% 03/15/2039 DD 01/15/19	239,644	309,573	
	VERIZON COMMUNICATIONS INC 4.500% 08/10/2033 DD 08/10/17	245,450	309,143	
	INTEL CORP 4.100% 05/19/2046 DD 05/19/16	248,809	305,496	
	BOEING CO/THE 5.705% 05/01/2040 DD 05/04/20	235,000	304,964	
	CHARTER COMMUNICATIONS OPERATI 6.484% 10/23/2045 DD 10/23/16	284,693	304,109	
	APPLE INC 3.750% 11/13/2047 DD 11/13/17	228,082	302,726	
	T-MOBILE USA INC 144A 4.500% 04/15/2050 DD 04/09/20	252,051	302,181	
	BANK OF AMERICA CORP VAR RT 01/23/2049 DD 01/23/18	225,331	299,983	
	CIGNA CORP 4.800% 08/15/2038 DD 08/15/19	226,936	299,653	
	WILLIAMS COS INC/THE 5.100% 09/15/2045 DD 03/03/15	252,866	296,630	
	MORGAN STANLEY VAR RT 01/22/2031 DD 01/22/20	270,000	293,963	
	CONAGRA BRANDS INC 5.400% 11/01/2048 DD 10/22/18	232,204	292,560	
	UNION PACIFIC CORP 4.100% 09/15/2067 DD 09/19/17	221,420	289,174	
	GENERAL ELECTRIC CO 4.350% 05/01/2050 DD 04/22/20	235,414	285,795	
	GILEAD SCIENCES INC 4.150% 03/01/2047 DD 09/20/16	240,603	280,959	
	VISA INC 4.300% 12/14/2045 DD 12/14/15	224,346	280,797	
	GEORGIA POWER CO 4.300% 03/15/2042 DD 03/06/12	227,305	279,371	
	GOLDMAN SACHS GROUP INC/THE 5.150% 05/22/2045 DD 05/22/15	226,460	278,716	
	ORACLE CORP 3.600% 04/01/2040 DD 04/01/20	241,705	275,230	
	PFIZER INC 4.125% 12/15/2046 DD 11/21/16	224,916	275,188	
	BOSTON SCIENTIFIC CORP 4.550% 03/01/2039 DD 02/25/19	213,892	274,172	
	BRIGHTHOUSE FINANCIAL INC 4.700% 06/22/2047 DD 12/22/17	254,251	271,505	
	DISCOVERY COMMUNICATIONS LLC 4.650% 05/15/2050 DD 05/18/20	216,818	268,911	
	MERCK & CO INC 3.700% 02/10/2045 DD 02/10/15	221,536	267,935	
	VISA INC 2.000% 08/15/2050 DD 08/17/20	276,998	267,414	
	ITC HOLDINGS CORP 5.300% 07/01/2043 DD 07/03/13	236,729	267,160	
	ANHEUSER-BUSCH INBEV WORLDWIDE 4.600% 04/15/2048 DD 04/04/18	212,744	265,734	
	EMERA US FINANCE LP 4.750% 06/15/2046 DD 12/15/16	209,396	262,154	
	CHARTER COMMUNICATIONS OPERATI 3.850% 04/01/2061 DD 12/04/20	259,693	262,119	
	ONCOR ELECTRIC DELIVERY CO LLC 4.550% 12/01/2041 DD 06/01/12	219,134	259,549	
	CVS HEALTH CORP 5.050% 03/25/2048 DD 03/09/18	201,527	257,503	
	PANAMA GOVERNMENT INTERNATIONA 4.500% 04/01/2056 DD 04/01/20	200,000	257,500	
	CLECO CORPORATE HOLDINGS LLC VAR RT 05/01/2046 DD 11/01/16	238,101	257,455	
	TELEFONICA EMISIONES SA 4.895% 03/06/2048 DD 03/06/18	205,280	257,191	
	ANGLO AMERICAN CAPITAL PL 144A 5.625% 04/01/2030 DD 04/01/20	240,850	254,126	
	COLOMBIA GOVERNMENT INTERNATIO 5.200% 05/15/2049	209,500	253,860	
	AT&T INC 144A 3.650% 09/15/2059 DD 09/18/20	215,754	252,435	
	MORGAN STANLEY 4.375% 01/22/2047 DD 01/20/17	207,002	251,848	
	MORGAN STANLEY VAR RT 02/13/2032 DD 11/13/20	250,000	251,788	
	BRISTOL-MYERS SQUIBB CO 2.550% 11/13/2050 DD 11/13/20	245,769	250,133	
	DISCOVERY COMMUNICATIONS LLC 5.300% 05/15/2049 DD 05/21/19	204,466	249,365	
	WALT DISNEY CO/THE 4.750% 11/15/2046 DD 11/15/19	208,612	245,910	
	ROYALTY PHARMA PLC 144A 3.550% 09/02/2050 DD 09/02/20	224,723	245,054	
	ABBVIE INC 4.500% 05/14/2035 DD 05/14/15	193,848	244,934	
	INDONESIA GOVERNMENT INTERNATI 4.450% 04/15/2070 DD 04/15/20	201,000	244,626	
	AMERICAN WATER CAPITAL CORP 4.200% 09/01/2048 DD 08/09/18	199,012	243,229	
	BERKSHIRE HATHAWAY INC 4.500% 02/11/2043 DD 02/11/13	194,506	240,758	
	GE CAPITAL FUNDING LLC 144A 4.550% 05/15/2032 DD 05/18/20	235,964	240,024	
	MERCK & CO INC 3.900% 03/07/2039 DD 03/07/19	189,118	239,938	
	MEXICO GOVERNMENT INTERNATIONA 4.750% 03/08/2044	232,000	237,502	
	INTEL CORP 3.100% 02/15/2060 DD 02/13/20	213,583	236,706	
	TRANSCANADA PIPELINES LTD 4.875% 05/15/2048 DD 05/07/18	186,573	236,639	
	INTERNATIONAL BUSINESS MACHINE 4.250% 05/15/2049 DD 05/15/19	177,446	236,363	
	FEDEX CORP 4.100% 02/01/2045 DD 01/09/15	199,346	235,974	
	ALIBABA GROUP HOLDING LTD 4.000% 12/06/2037 DD 12/06/17	204,640	235,882	
	FORTIVE CORP 4.300% 06/15/2046 DD 06/15/17	205,005	235,320	
	MEXICO GOVERNMENT INTERNATIONA 4.500% 01/31/2050 DD 07/31/19	190,500	234,250	
	NESTLE HOLDINGS INC 144A 4.000% 09/24/2048 DD 09/24/18	172,650	232,852	

American Electric Power System Retirement Plan

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 EIN: 13-4922641 Plan Number: 001

December 31, 2020

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	UNITEDHEALTH GROUP INC 4.250% 04/15/2047 DD 03/13/17	\$ 188,841	\$ 232,456	
	RAYTHEON TECHNOLOGIES CORP 4.200% 12/15/2044 DD 06/15/20	236,246	231,931	
	BANK OF AMERICA CORP VAR RT 01/20/2048 DD 01/20/17	186,426	231,630	
	SOUTHERN COPPER CORP 5.875% 04/23/2045 DD 04/23/15	172,056	231,312	
	COMCAST CORP 4.600% 10/15/2038 DD 10/05/18	176,169	230,620	
	BECTON DICKINSON AND CO 4.669% 06/06/2047 DD 06/06/17	195,643	229,786	
	TENCENT HOLDINGS LTD 144A 3.925% 01/19/2038	185,048	229,782	
	MPLX LP 5.200% 12/01/2047 DD 12/01/19	189,302	229,568	
	AMERICAN INTERNATIONAL GROUP I 4.375% 06/30/2050 DD 05/11/20	174,115	229,140	
	VERIZON COMMUNICATIONS INC 4.522% 09/15/2048 DD 03/13/15	225,895	228,214	
	TENCENT HOLDINGS LTD 144A 3.975% 04/11/2029 DD 04/11/19	200,248	227,876	
	COCA-COLA CO/THE 2.750% 06/01/2060 DD 05/01/20	209,845	226,699	
	APPLE INC 2.950% 09/11/2049 DD 09/11/19	205,999	226,591	
	DIGNITY HEALTH 5.267% 11/01/2064 DD 10/15/14	174,499	223,715	
	PACIFIC GAS AND ELECTRIC CO 3.500% 08/01/2050 DD 06/19/20	220,405	223,630	
	UNITEDHEALTH GROUP INC 3.125% 05/15/2060 DD 05/18/20	184,956	220,562	
	PHILIP MORRIS INTERNATIONAL IN 4.250% 11/10/2044 DD 11/10/14	187,046	220,409	
	UNITEDHEALTH GROUP INC 3.500% 08/15/2039 DD 07/25/19	191,980	220,080	
	HESS CORP 5.600% 02/15/2041 DD 08/10/10	174,136	219,665	
	MORGAN STANLEY VAR RT 01/23/2030 DD 01/23/19	180,000	218,954	
	ANHEUSER-BUSCH INBEV WORLDWIDE 4.375% 04/15/2038 DD 04/04/18	174,122	216,685	
	ENTERPRISE PRODUCTS OPERATING 4.800% 02/01/2049 DD 10/11/18	195,504	214,569	
	METLIFE INC 4.600% 05/13/2046 DD 11/13/15	162,460	213,974	
	EXELON CORP 4.700% 04/15/2050 DD 04/01/20	195,678	212,757	
	PHILIPPINE GOVERNMENT INTERNAT 2.950% 05/05/2045	210,250	210,632	
	WALMART INC 4.050% 06/29/2048 DD 06/27/18	162,777	210,343	
	EXXON MOBIL CORP 4.327% 03/19/2050 DD 03/19/20	160,000	209,482	
	NOBLE ENERGY INC 5.250% 11/15/2043 DD 11/08/13	144,282	208,285	
	SYNGENTA FINANCE NV 144A 5.676% 04/24/2048 DD 04/24/18	177,873	207,834	
	SOUTHERN CO/THE 4.400% 07/01/2046 DD 05/24/16	172,353	207,554	
	PACIFIC GAS AND ELECTRIC CO 3.950% 12/01/2047 DD 11/29/17	207,830	207,266	
	PANAMA GOVERNMENT INTERNATIONA 2.252% 09/29/2032	200,000	206,000	
	NORTHERN STATES POWER CO/MN 3.600% 09/15/2047 DD 09/13/17	145,792	203,308	
	AMAZON.COM INC 2.700% 06/03/2060 DD 06/03/20	187,750	203,175	
	CVS HEALTH CORP 4.780% 03/25/2038 DD 03/09/18	155,336	202,717	
	CONSOLIDATED EDISON CO OF NEW 3.700% 11/15/2059 DD 11/08/19	173,444	202,431	
	PRUDENTIAL FINANCIAL INC 3.700% 03/13/2051 DD 09/13/19	165,121	200,201	
	SOUTHERN CALIFORNIA EDISON CO 4.000% 04/01/2047 DD 03/24/17	177,409	199,682	
	PFIZER INC 2.700% 05/28/2050 DD 05/28/20	187,501	198,747	
	VALERO ENERGY CORP 4.900% 03/15/2045 DD 03/13/15	180,975	198,127	
	DOMINION ENERGY SOUTH CAROLINA 5.100% 06/01/2065 DD 05/22/15	143,046	196,989	
	ANHEUSER-BUSCH INBEV WORLDWIDE 5.450% 01/23/2039 DD 01/23/19	148,341	196,988	
	VIACOMCBS INC 4.850% 07/01/2042 DD 06/20/12	154,308	196,204	
	GENERAL MOTORS CO 5.950% 04/01/2049 DD 09/10/18	143,156	196,101	
	T-MOBILE USA INC 144A 4.375% 04/15/2040 DD 04/09/20	162,774	195,259	
	BOEING CO/THE 3.750% 02/01/2050 DD 07/31/19	182,044	194,544	
	SOUTHERN CALIFORNIA EDISON CO 3.650% 02/01/2050 DD 01/09/20	176,402	193,088	
	BAYER US FINANCE II LLC 144A 4.700% 07/15/2064 DD 07/15/18	160,684	192,970	
	INTERCONTINENTAL EXCHANGE INC 3.000% 09/15/2060 DD 08/20/20	179,007	187,534	
	CVS HEALTH CORP 4.125% 04/01/2040 DD 03/31/20	152,439	185,944	
	BERKSHIRE HATHAWAY FINANCE COR 4.200% 08/15/2048 DD 08/15/18	139,290	184,874	
	BANK OF AMERICA CORP VAR RT 03/15/2050 DD 03/15/19	174,723	181,052	
	ELI LILLY & CO 4.150% 03/15/2059 DD 02/22/19	170,772	180,486	
	DOW CHEMICAL CO/THE 3.600% 11/15/2050 DD 08/26/20	158,816	179,768	
	PEPSICO INC 2.875% 10/15/2049 DD 10/09/19	164,415	179,130	
	GOLDMAN SACHS GROUP INC/THE VAR RT 04/23/2039 DD 04/23/18	139,715	178,975	
	GILEAD SCIENCES INC 2.800% 10/01/2050 DD 09/30/20	178,949	178,637	
	EQUITABLE HOLDINGS INC 5.000% 04/20/2048 DD 10/20/18	129,584	177,815	
	WELLS FARGO & CO VAR RT 04/04/2051 DD 03/30/20	144,529	177,653	
	DOW CHEMICAL CO/THE 4.375% 11/15/2042 DD 11/14/12	150,220	177,587	
	INTERNATIONAL PAPER CO 7.300% 11/15/2039 DD 12/07/09	151,526	176,270	
	COCA-COLA CO/THE 2.500% 06/01/2040 DD 05/01/20	164,919	175,750	
	CHILE GOVERNMENT INTERNATIONAL 3.625% 10/30/2042	162,360	175,313	
	AMAZON.COM INC 4.250% 08/22/2057 DD 02/22/18	132,335	172,417	
	CATERPILLAR INC 3.250% 04/09/2050 DD 04/09/20	144,421	171,255	
	INTERNATIONAL BUSINESS MACHINE 4.150% 05/15/2039 DD 05/15/19	139,808	170,924	
	UNION PACIFIC CORP 4.375% 11/15/2065 DD 10/29/15	138,074	170,703	
	AMGEN INC 3.150% 02/21/2040 DD 02/21/20	156,113	170,626	
	ANHEUSER-BUSCH INBEV WORLDWIDE 5.550% 01/23/2049 DD 01/23/19	148,338	170,624	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
 EIN: 13-4922641 Plan Number: 001

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	MCDONALD'S CORP 4.450% 09/01/2048 DD 08/15/18	\$ 138,283	\$ 170,180	
	VODAFONE GROUP PLC 5.000% 05/30/2038 DD 05/30/18	129,346	170,097	
	PNC FINANCIAL SERVICES GROUP I 2.550% 01/22/2030 DD 01/22/20	154,566	169,812	
	KAISER FOUNDATION HOSPITALS 4.150% 05/01/2047 DD 05/03/17	138,611	169,315	
	LEIDOS INC 144A 4.375% 05/15/2030 DD 05/12/20	138,851	167,643	
	SHERWIN-WILLIAMS CO/THE 4.500% 06/01/2047 DD 05/16/17	119,001	167,204	
	SOUTHERN CALIFORNIA EDISON CO 3.600% 02/01/2045 DD 01/16/15	148,989	165,722	
	NORFOLK SOUTHERN CORP 3.155% 05/15/2055 DD 05/15/20	147,162	164,652	
	PFIZER INC 3.900% 03/15/2039 DD 03/11/19	141,343	163,344	
	UNITEDHEALTH GROUP INC 3.875% 08/15/2059 DD 07/25/19	124,402	161,836	
	JOHNSON CONTROLS INTERNATIONAL VAR RT 07/02/2044 DD 07/02/16	114,594	160,875	
	VALERO ENERGY CORP 6.625% 06/15/2037 DD 06/08/07	148,157	159,623	
	NATIONAL RURAL UTILITIES COOPE 4.300% 03/15/2049 DD 01/31/19	137,511	158,136	
	SUTTER HEALTH 3.361% 08/15/2050 DD 10/29/20	145,000	157,838	
	XCEL ENERGY INC 3.500% 12/01/2049 DD 11/07/19	134,559	157,818	
	CITIGROUP INC VAR RT 04/24/2048 DD 04/25/17	117,646	157,000	
	EVERGY METRO INC 4.200% 06/15/2047 DD 06/15/17	119,351	156,871	
	TRINITY ACQUISITION PLC 6.125% 08/15/2043 DD 08/15/13	126,761	155,549	
	ROGERS COMMUNICATIONS INC 4.350% 05/01/2049 DD 04/30/19	119,600	155,376	
	HOME DEPOT INC/THE 4.500% 12/06/2048 DD 12/06/18	143,134	154,417	
	HERSHEY CO/THE 3.125% 11/15/2049 DD 10/31/19	134,854	154,316	
	FISERV INC 4.400% 07/01/2049 DD 06/24/19	114,296	154,040	
	METLIFE INC 4.050% 03/01/2045 DD 03/05/15	122,837	153,858	
	CANADIAN NATIONAL RAILWAY CO 3.650% 02/03/2048 DD 02/06/18	121,388	153,436	
	CONSTELLATION BRANDS INC 3.750% 05/01/2050 DD 04/27/20	129,139	153,069	
	ONEOK INC 7.150% 01/15/2051 DD 05/07/20	116,740	151,916	
	NVIDIA CORP 3.500% 04/01/2050 DD 03/31/20	124,678	151,636	
	BAT CAPITAL CORP 3.984% 09/25/2050 DD 09/25/20	145,000	151,313	
	ESTEE LAUDER COS INC/THE 3.125% 12/01/2049 DD 11/21/19	128,699	150,925	
	MASSACHUSETTS INSTITUTE OF TEC 2.989% 07/01/2050 DD 12/20/19	130,029	150,757	
	NORTHROP GRUMMAN CORP 4.030% 10/15/2047 DD 10/13/17	112,740	150,566	
	BANK OF AMERICA CORP VAR RT 04/23/2040 DD 04/23/19	134,707	147,751	
	UNION PACIFIC CORP 3.799% 10/01/2051 DD 10/04/16	118,634	146,849	
	RIO TINTO FINANCE USA LTD 5.200% 11/02/2040 DD 11/02/10	119,350	146,446	
	CONSOLIDATED EDISON CO OF NEW 4.500% 05/15/2058 DD 05/10/18	109,493	145,259	
	ONEOK INC 4.450% 09/01/2049 DD 08/15/19	123,848	145,151	
	GLP CAPITAL LP / GLP FINANCING 5.300% 01/15/2029 DD 09/26/18	125,052	144,619	
	T-MOBILE USA INC 144A 3.300% 02/15/2051 DD 10/06/20	136,584	144,036	
	AMERICAN INTERNATIONAL GROUP I 3.875% 01/15/2035 DD 01/15/15	107,170	143,986	
	EQUINOR ASA 3.625% 04/06/2040 DD 04/06/20	118,886	143,771	
	HOME DEPOT INC/THE 3.125% 12/15/2049 DD 01/13/20	132,158	143,061	
	DUPONT DE NEMOURS INC 5.319% 11/15/2038 DD 11/28/18	105,314	142,213	
	MPLX LP 5.200% 03/01/2047 DD 02/10/17	119,890	139,895	
	VERIZON COMMUNICATIONS INC 1.750% 01/20/2031 DD 11/20/20	139,363	139,300	
	AMAZON.COM INC 4.050% 08/22/2047 DD 02/22/18	107,520	138,647	
	NUTRIEN LTD 5.000% 04/01/2049 DD 04/01/19	106,888	138,297	
	SUTTER HEALTH 3.161% 08/15/2040 DD 10/29/20	130,000	138,070	
	T-MOBILE USA INC 144A 3.600% 11/15/2060 DD 10/28/20	129,669	137,987	
	NORTHERN STATES POWER CO/MN 2.600% 06/01/2051 DD 06/15/20	127,553	137,709	
	TRANE TECHNOLOGIES GLOBAL HOLD 4.300% 02/21/2048 DD 02/21/18	109,614	137,521	
	AETNA INC 4.125% 11/15/2042 DD 11/07/12	120,111	136,368	
	NUTRITION & BIOSCIENCES I 144A 3.468% 12/01/2050 DD 09/16/20	124,989	135,785	
	NATIONWIDE MUTUAL INSURAN 144A 4.350% 04/30/2050 DD 04/30/20	115,444	135,093	
	AMERICAN WATER CAPITAL CORP 3.750% 09/01/2047 DD 08/10/17	103,504	134,728	
	ANHEUSER-BUSCH INBEV FINANCE I 4.000% 01/17/2043 DD 01/17/13	106,173	134,397	
	SIMON PROPERTY GROUP LP 3.250% 09/13/2049 DD 09/13/19	129,481	133,141	
	BERKSHIRE HATHAWAY FINANCE COR 4.250% 01/15/2049 DD 01/11/19	103,940	132,840	
	CHARTER COMMUNICATIONS OPERATI 4.800% 03/01/2050 DD 10/24/19	114,377	131,384	
	ALIMENTATION COUCHE-TARD 144A 3.800% 01/25/2050 DD 01/27/20	110,497	130,323	
	OTIS WORLDWIDE CORP 3.112% 02/15/2040 DD 08/15/20	120,555	130,313	
	IHS MARKIT LTD 4.750% 08/01/2028 DD 07/23/18	104,609	129,311	
	OHIO EDISON CO 6.875% 07/15/2036 DD 06/26/06	128,121	128,803	
	HALLIBURTON CO 4.850% 11/15/2035 DD 11/13/15	114,629	128,373	
	OTIS WORLDWIDE CORP 3.362% 02/15/2050 DD 08/15/20	110,765	127,248	
	LOCKHEED MARTIN CORP 4.090% 09/15/2052 DD 09/07/17	95,333	125,750	
	ALPHABET INC 2.250% 08/15/2060 DD 08/05/20	128,709	125,706	
	BRISTOL-MYERS SQUIBB CO 2.350% 11/13/2040 DD 11/13/20	119,417	123,106	
	COMCAST CORP 3.900% 03/01/2038 DD 02/08/18	99,515	122,383	
	NORFOLK SOUTHERN CORP 4.800% 08/15/2043 DD 08/13/13	111,338	121,356	

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Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	MEDTRONIC INC 4.375% 03/15/2035 DD 03/15/15	\$ 100,175	\$ 121,194	
	ASTRAZENECA PLC 4.375% 11/16/2045 DD 11/16/15	97,949	120,821	
	WALT DISNEY CO/THE 4.625% 03/23/2040 DD 03/23/20	89,790	120,188	
	UNITEDHEALTH GROUP INC 3.750% 10/15/2047 DD 10/25/17	94,122	117,953	
	STARBUCKS CORP 4.500% 11/15/2048 DD 08/10/18	88,484	117,497	
	ERAC USA FINANCE LLC 144A 7.000% 10/15/2037 DD 10/17/07	98,477	116,321	
	ORACLE CORP 3.800% 11/15/2037 DD 11/09/17	94,643	114,746	
	SOUTHERN CALIFORNIA GAS CO 4.125% 06/01/2048 DD 05/15/18	89,906	114,539	
	NORFOLK SOUTHERN CORP 4.150% 02/28/2048 DD 02/28/18	89,587	114,341	
	CATERPILLAR INC 4.750% 05/15/2064 DD 05/08/14	88,305	113,995	
	ROYALTY PHARMA PLC 144A 3.300% 09/02/2040 DD 09/02/20	101,819	110,403	
	JOHNSON CONTROLS INTERNATIONAL STEP 07/02/2064 DD 07/02/2016	86,913	109,822	
	CARRIER GLOBAL CORP 3.377% 04/05/2040 DD 10/05/20	102,053	109,703	
	HCA INC 5.125% 06/15/2039 DD 06/12/19	84,223	108,765	
	EOG RESOURCES INC 4.950% 04/15/2050 DD 04/14/20	79,530	108,436	
	NISOURCE INC 4.375% 05/15/2047 DD 05/22/17	108,039	107,840	
	INTERNATIONAL BUSINESS MACHINE 2.850% 05/15/2040 DD 05/07/20	99,365	107,596	
	CONSOLIDATED EDISON CO OF NEW 3.000% 12/01/2060 DD 11/13/20	104,368	107,009	
	MPLX LP 4.900% 04/15/2058 DD 02/08/18	89,840	106,969	
	BECTON DICKINSON AND CO 3.794% 05/20/2050 DD 05/20/20	95,241	106,907	
	INTERNATIONAL BUSINESS MACHINE 2.950% 05/15/2050 DD 05/07/20	99,171	106,581	
	EQUINOR ASA 4.250% 11/23/2041 DD 11/23/11	88,078	106,573	
	PUGET SOUND ENERGY INC 3.250% 09/15/2049 DD 08/30/19	95,502	105,534	
	CHARTER COMMUNICATIONS OPERATI 5.750% 04/01/2048 DD 04/17/18	78,782	104,675	
	ABBVIE INC 4.300% 05/14/2036 DD 05/12/16	76,791	104,599	
	WILLIAMS COS INC/THE 5.800% 11/15/2043 DD 11/15/13	92,308	104,394	
	BAT CAPITAL CORP 3.734% 09/25/2040 DD 09/25/20	100,000	104,304	
	ANHEUSER-BUSCH INBEV WORLDWIDE 4.350% 06/01/2040 DD 04/03/20	84,946	104,291	
	NOVARTIS CAPITAL CORP 2.750% 08/14/2050 DD 02/14/20	92,826	104,108	
	ALTRIA GROUP INC 4.450% 05/06/2050 DD 05/06/20	96,380	104,036	
	TRANSCANADA PIPELINES LTD 4.625% 03/01/2034 DD 02/28/14	88,190	103,872	
	NORFOLK SOUTHERN CORP 3.050% 05/15/2050 DD 05/11/20	94,777	103,502	
	ONEOK PARTNERS LP 6.850% 10/15/2037 DD 09/28/07	92,593	103,110	
	ALPHABET INC 1.900% 08/15/2040 DD 08/05/20	104,340	103,053	
	FOX CORP 5.476% 01/25/2039 DD 01/25/20	76,084	102,849	
	GILEAD SCIENCES INC 4.500% 02/01/2045 DD 11/17/14	111,210	101,958	
	NEW YORK LIFE INSURANCE C 144A 4.450% 05/15/2069 DD 04/04/19	74,459	100,778	
	PEPSICO INC 3.875% 03/19/2060 DD 03/19/20	73,814	100,483	
	WASTE MANAGEMENT INC 4.150% 07/15/2049 DD 05/22/19	74,904	99,953	
	EXXON MOBIL CORP 3.452% 04/15/2051 DD 04/15/20	85,000	97,146	
	COMCAST CORP 2.450% 08/15/2052 DD 08/25/20	99,210	97,044	
	LEIDOS INC 144A 2.300% 02/15/2031 DD 10/08/20	94,547	96,729	
	EQUINOR ASA 3.700% 04/06/2050 DD 04/06/20	79,412	96,411	
	PRUDENTIAL FINANCIAL INC 3.905% 12/07/2047 DD 12/07/17	86,068	96,284	
	GILEAD SCIENCES INC 2.600% 10/01/2040 DD 09/30/20	94,573	95,916	
	BHP BILLITON FINANCE USA LTD 5.000% 09/30/2043 DD 09/30/13	76,770	95,610	
	PHILLIPS 66 PARTNERS LP 4.900% 10/01/2046 DD 10/14/16	90,580	95,244	
	AMERICAN WATER CAPITAL CORP 3.450% 05/01/2050 DD 04/14/20	83,526	95,036	
	LYB INTERNATIONAL FINANCE III 3.375% 10/01/2040 DD 10/08/20	89,793	94,928	
	CIGNA CORP 3.875% 10/15/2047 DD 04/15/20	76,852	94,763	
	PUGET SOUND ENERGY INC 4.300% 05/20/2045 DD 05/26/15	100,731	94,694	
	HUMANA INC 4.950% 10/01/2044 DD 09/19/14	80,262	94,343	
	UNITEDHEALTH GROUP INC 3.700% 08/15/2049 DD 07/25/19	77,975	94,028	
	CANADIAN NATURAL RESOURCES LTD 6.250% 03/15/2038 DD 03/19/07	82,601	94,000	
	COMCAST CORP 2.800% 01/15/2051 DD 05/28/20	89,323	93,824	
	AMAZON.COM INC 2.500% 06/03/2050 DD 06/03/20	89,079	93,381	
	ENERGY TRANSFER LP 5.400% 10/01/2047 DD 09/21/17	83,434	92,739	
	GLOBAL PAYMENTS INC 4.150% 08/15/2049 DD 08/14/19	92,519	92,482	
	INTERCONTINENTAL EXCHANGE INC 2.650% 09/15/2040 DD 08/20/20	89,645	92,314	
	DEVON ENERGY CORP 5.600% 07/15/2041 DD 07/12/11	75,636	91,724	
	ABBVIE INC 4.750% 03/15/2045 DD 09/15/20	82,358	91,484	
	NIKE INC 3.875% 11/01/2045 DD 10/29/15	71,492	90,861	
	KELLOGG CO 4.500% 04/01/2046 DD 03/07/16	87,786	89,996	
	BAYER US FINANCE II LLC 144A 3.950% 04/15/2045 DD 04/15/18	85,484	89,662	
	CITIGROUP INC VAR RT 01/24/2039 DD 01/24/18	74,966	89,377	
	ABBVIE INC 4.625% 10/01/2042 DD 10/01/20	81,456	88,884	
	WALMART INC 3.625% 12/15/2047 DD 10/20/17	69,894	88,766	
	HALLIBURTON CO 5.000% 11/15/2045 DD 11/13/15	63,885	86,780	
	TYSON FOODS INC 5.100% 09/28/2048 DD 09/28/18	60,162	86,378	

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	VERIZON COMMUNICATIONS INC 2.650% 11/20/2040 DD 11/20/20	\$ 84,921	\$ 85,830	
	JOHNSON & JOHNSON 2.100% 09/01/2040 DD 08/25/20	84,435	85,717	
	PFIZER INC 2.550% 05/28/2040 DD 05/28/20	83,762	85,446	
	CONSOLIDATED EDISON CO OF NEW 3.950% 04/01/2050 DD 03/31/20	69,537	85,287	
	ENERGY TRANSFER LP 5.150% 02/01/2043 DD 01/22/13	74,747	84,816	
	SHERWIN-WILLIAMS CO/THE 3.800% 08/15/2049 DD 08/26/19	77,409	84,377	
	CSX CORP 4.650% 03/01/2068 DD 02/20/18	57,324	84,130	
	EVERGY KANSAS CENTRAL INC 3.250% 09/01/2049 DD 08/19/19	78,281	84,092	
	INTEL CORP 3.250% 11/15/2049 DD 11/21/19	74,957	83,945	
	VIACOMCBS INC 5.850% 09/01/2043 DD 08/19/13	60,109	83,461	
	DH EUROPE FINANCE II SARL 3.400% 11/15/2049 DD 11/07/19	77,650	83,114	
	PFIZER INC 1.700% 05/28/2030 DD 05/28/20	79,751	83,066	
	T-MOBILE USA INC 144A 3.000% 02/15/2041 DD 10/06/20	79,567	82,938	
	ENERGY TRANSFER LP 6.125% 12/15/2045 DD 06/23/15	77,651	82,691	
	RAYTHEON TECHNOLOGIES CORP 4.625% 11/16/2048 DD 08/16/18	77,079	81,456	
	VODAFONE GROUP PLC 4.250% 09/17/2050 DD 09/17/19	69,277	80,506	
	ALTRIA GROUP INC 4.250% 08/09/2042 DD 08/09/12	74,514	80,464	
	UNION PACIFIC CORP 3.950% 08/15/2059 DD 08/05/19	64,482	80,097	
	BANK OF AMERICA CORP VAR RT 04/24/2038 DD 04/24/17	63,212	80,075	
	GENERAL MOTORS CO 5.200% 04/01/2045 DD 11/12/14	62,998	78,938	
	PACIFIC GAS AND ELECTRIC CO 4.500% 07/01/2040 DD 07/02/20	79,540	78,242	
	AETNA INC 3.875% 08/15/2047 DD 08/10/17	57,604	77,524	
	CONSTELLATION BRANDS INC 5.250% 11/15/2048 DD 10/29/18	69,229	77,387	
	NIKE INC 3.375% 11/01/2046 DD 10/21/16	54,561	77,033	
	DEVON ENERGY CORP 5.000% 06/15/2045 DD 06/16/15	61,188	76,562	
	ACE CAPITAL TRUST II 9.700% 04/01/2030 DD 03/31/00	76,125	76,538	
	MCDONALD'S CORP 3.625% 09/01/2049 DD 08/12/19	71,375	76,279	
	WILLIAMS COS INC/THE 6.300% 04/15/2040 DD 02/09/10	69,007	75,807	
	TRANSCANADA PIPELINES LTD 6.100% 06/01/2040 DD 06/01/10	64,604	75,637	
	BOEING CO/THE 3.825% 03/01/2059 DD 02/15/19	70,936	75,170	
	UNITEDHEALTH GROUP INC 4.625% 07/15/2035 DD 07/23/15	63,805	75,040	
	DOW CHEMICAL CO/THE 4.800% 05/15/2049 DD 11/15/19	60,729	74,280	
	HALLIBURTON CO 4.750% 08/01/2043 DD 08/05/13	60,823	73,452	
	TYSON FOODS INC 4.550% 06/02/2047 DD 06/02/17	66,062	73,041	
	BANK OF AMERICA CORP VAR RT 10/22/2030 DD 10/22/19	65,000	71,377	
	MPLX LP 4.700% 04/15/2048 DD 02/08/18	61,664	71,153	
	COMMONWEALTH EDISON CO 4.000% 03/01/2049 DD 02/19/19	54,402	70,407	
	ALTRIA GROUP INC 5.375% 01/31/2044 DD 10/31/13	66,376	70,296	
	LAM RESEARCH CORP 2.875% 06/15/2050 DD 05/05/20	64,829	70,039	
	CONSOLIDATED EDISON CO OF NEW 4.300% 12/01/2056 DD 11/16/16	58,644	69,950	
	COMCAST CORP 4.700% 10/15/2048 DD 10/05/18	56,488	69,857	
	KINDER MORGAN INC 3.250% 08/01/2050 DD 08/05/20	63,887	69,570	
	UNION ELECTRIC CO 4.000% 04/01/2048 DD 04/06/18	54,762	69,320	
	ENERGY TRANSFER LP 5.300% 04/15/2047 DD 01/17/17	62,130	68,502	
	NIKE INC 3.375% 03/27/2050 DD 03/27/20	58,237	68,043	
	MIDAMERICAN ENERGY CO 4.250% 07/15/2049 DD 01/09/19	49,859	67,132	
	S&P GLOBAL INC 2.300% 08/15/2060 DD 08/13/20	68,899	66,622	
	SOUTHWESTERN PUBLIC SERVICE CO 3.150% 05/01/2050 DD 05/18/20	59,722	66,600	
	RAYTHEON TECHNOLOGIES CORP 4.500% 06/01/2042 DD 06/01/12	48,749	65,201	
	TRANE TECHNOLOGIES LUXEMBOURG 4.500% 03/21/2049 DD 03/21/19	56,762	65,182	
	ALABAMA POWER CO 3.450% 10/01/2049 DD 09/17/19	54,816	64,529	
	NUTRITION & BIOSCIENCES I 144A 3.268% 11/15/2040 DD 09/16/20	59,996	64,476	
	AMERICAN INTERNATIONAL GROUP I 4.500% 07/16/2044 DD 07/16/14	48,188	64,069	
	NIKE INC 3.250% 03/27/2040 DD 03/27/20	54,656	63,975	
	WELLS FARGO & CO VAR RT 02/11/2031 DD 02/11/20	60,017	63,664	
	SUNCOR ENERGY INC 6.800% 05/15/2038 DD 05/15/08	60,249	63,131	
	HESS CORP 6.000% 01/15/2040 DD 12/14/09	39,987	61,768	
	FEDEX CORP 4.750% 11/15/2045 DD 10/23/15	50,299	61,167	
	CHARTER COMMUNICATIONS OPERATI 5.125% 07/01/2049 DD 07/10/19	51,742	61,026	
	UNITEDHEALTH GROUP INC 2.900% 05/15/2050 DD 05/18/20	53,450	60,893	
	VERIZON COMMUNICATIONS INC 2.875% 11/20/2050 DD 11/20/20	59,844	60,456	
	JPMORGAN CHASE & CO VAR RT 05/13/2031 DD 05/13/20	55,000	60,312	
	ASTRAZENECA PLC 4.375% 08/17/2048 DD 08/17/18	41,207	60,229	
	INTEL CORP 4.950% 03/25/2060 DD 03/25/20	57,148	59,408	
	GEORGIA POWER CO 4.750% 09/01/2040 DD 08/31/10	45,510	59,107	
	MASTERCARD INC 3.850% 03/26/2050 DD 03/26/20	44,809	58,082	
	SUNCOR ENERGY INC 4.000% 11/15/2047 DD 11/15/17	45,236	55,973	
	UNION PACIFIC CORP 3.839% 03/20/2060 DD 03/20/20	47,070	55,703	
	BURLINGTON NORTHERN SANTA FE L 3.550% 02/15/2050 DD 07/24/19	52,133	55,462	

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	CHEVRON CORP 2.978% 05/11/2040 DD 05/11/20	\$ 50,000	\$ 55,354	
	BOSTON SCIENTIFIC CORP 4.700% 03/01/2049 DD 02/25/19	51,824	54,878	
	SOUTHERN CALIFORNIA EDISON CO 5.950% 02/01/2038 DD 01/22/08	51,631	54,343	
	NVIDIA CORP 3.500% 04/01/2040 DD 03/31/20	44,910	54,041	
	LOWE'S COS INC 3.000% 10/15/2050 DD 10/22/20	49,951	53,481	
	ABBVIE INC 4.550% 03/15/2035 DD 09/15/20	48,786	53,101	
	PFIZER INC 4.000% 03/15/2049 DD 03/11/19	51,042	52,573	
	NUTRIEN LTD 4.900% 06/01/2043 DD 12/01/17	41,473	51,208	
	COMCAST CORP 3.200% 07/15/2036 DD 07/19/16	38,173	51,123	
	PACIFIC LIFE INSURANCE CO 144A VAR RT 10/24/2067 DD 10/24/17	44,962	51,075	
	JPMORGAN CHASE & CO VAR RT 01/23/2049 DD 01/23/18	46,812	50,427	
	EASTERN ENERGY GAS HOLDINGS LL 4.600% 12/15/2044 DD 12/08/14	46,158	50,356	
	VODAFONE GROUP PLC 4.375% 02/19/2043 DD 02/19/13	36,140	49,678	
	OGLETHORPE POWER CORP 144A 3.750% 08/01/2050 DD 08/25/20	44,339	48,358	
	FEDEX CORP 4.550% 04/01/2046 DD 03/24/16	38,371	47,601	
	CONSOLIDATED EDISON CO OF NEW 3.875% 06/15/2047 DD 06/08/17	47,336	47,351	
	APPLE INC 2.550% 08/20/2060 DD 08/20/20	44,520	46,282	
	BP CAPITAL MARKETS AMERICA INC 2.939% 06/04/2051 DD 12/04/20	45,000	45,969	
	BOEING CO/THE 3.500% 03/01/2039 DD 02/15/19	42,547	45,526	
	WASTE MANAGEMENT INC 2.500% 11/15/2050 DD 11/17/20	44,549	45,466	
	DEERE & CO 3.750% 04/15/2050 DD 03/30/20	34,999	45,351	
	BOEING CO/THE 5.875% 02/15/2040 DD 07/28/09	44,298	44,542	
	ABBOTT LABORATORIES 4.900% 11/30/2046 DD 11/22/16	45,464	44,475	
	RAYTHEON TECHNOLOGIES CORP 4.450% 11/16/2038 DD 08/16/18	34,794	44,133	
	RAYTHEON TECHNOLOGIES CORP 4.050% 05/04/2047 DD 05/04/17	31,698	43,601	
	EXXON MOBIL CORP 3.095% 08/16/2049 DD 08/16/19	37,738	43,362	
	BALTIMORE GAS AND ELECTRIC CO 2.900% 06/15/2050 DD 06/05/20	39,611	43,068	
	GOLDMAN SACHS GROUP INC/THE 2.600% 02/07/2030 DD 02/07/20	39,986	43,026	
	HOME DEPOT INC/THE 3.300% 04/15/2040 DD 03/30/20	34,690	41,251	
	ONEOK INC 5.200% 07/15/2048 DD 07/02/18	29,366	40,852	
	BURLINGTON NORTHERN SANTA FE L 4.550% 09/01/2044 DD 08/18/14	34,987	40,523	
	OGLETHORPE POWER CORP 5.950% 11/01/2039 DD 11/03/09	37,874	39,642	
	MPLX LP 5.500% 02/15/2049 DD 11/15/18	31,556	39,504	
	EVERGY METRO INC 4.200% 03/15/2048 DD 03/01/18	29,349	38,880	
	PECO ENERGY CO 3.000% 09/15/2049 DD 09/10/19	34,712	38,605	
	MCDONALD'S CORP 4.200% 04/01/2050 DD 03/27/20	31,113	38,568	
	AT&T INC 144A 3.550% 09/15/2055 DD 09/18/20	33,361	37,871	
	FEDEX CORP 4.050% 02/15/2048 DD 01/31/18	31,173	37,471	
	NEW YORK LIFE INSURANCE C 144A 3.750% 05/15/2050 DD 04/14/20	29,817	35,887	
	VERIZON COMMUNICATIONS IN 144A 2.987% 10/30/2056 DD 10/06/20	35,053	35,231	
	NORTHERN STATES POWER CO/MN 2.900% 03/01/2050 DD 09/10/19	29,421	33,827	
	GEORGIA POWER CO 5.650% 03/01/2037 DD 03/13/07	26,392	33,240	
	AMERICAN WATER CAPITAL CORP 2.800% 05/01/2030 DD 04/14/20	30,003	33,116	
	CANADIAN NATURAL RESOURCES LTD 6.450% 06/30/2033 DD 09/16/02	30,048	32,851	
	ORACLE CORP 3.850% 04/01/2060 DD 04/01/20	24,904	30,743	
	QUALCOMM INC 4.800% 05/20/2045 DD 05/20/15	26,753	29,878	
	SEMPRA ENERGY 4.000% 02/01/2048 DD 01/12/18	26,568	29,788	
	GENERAL ELECTRIC CO 4.250% 05/01/2040 DD 04/22/20	25,110	29,555	
	COMMONWEALTH EDISON CO 3.700% 03/01/2045 DD 03/02/15	27,163	29,463	
	BAT CAPITAL CORP 4.758% 09/06/2049 DD 09/06/19	24,239	28,984	
	BAXTER INTERNATIONAL INC 3.500% 08/15/2046 DD 08/15/16	27,271	28,499	
	ANHEUSER-BUSCH INBEV WORLDWIDE 5.800% 01/23/2059 DD 01/23/19	18,173	27,709	
	BERKSHIRE HATHAWAY ENERGY CO 5.150% 11/15/2043 DD 11/08/13	23,823	27,519	
	UNITEDHEALTH GROUP INC 2.750% 05/15/2040 DD 05/18/20	24,271	27,121	
	WALT DISNEY CO/THE 6.400% 12/15/2035 DD 06/15/19	22,938	26,380	
	NORFOLK SOUTHERN CORP 3.942% 11/01/2047 DD 05/01/18	21,095	25,605	
	MARATHON PETROLEUM CORP 6.500% 03/01/2041 DD 09/01/11	18,953	25,509	
	WALT DISNEY CO/THE 3.800% 05/13/2060 DD 05/13/20	22,580	25,410	
	RAYTHEON TECHNOLOGIES CORP 4.150% 05/15/2045 DD 05/04/15	18,524	25,318	
	ORACLE CORP 4.000% 07/15/2046 DD 07/07/16	21,513	24,549	
	MIDAMERICAN ENERGY CO 3.150% 04/15/2050 DD 10/15/19	19,894	22,992	
	UNION ELECTRIC CO 3.250% 10/01/2049 DD 10/01/19	21,543	22,940	
	CHARTER COMMUNICATIONS OPERATI 6.834% 10/23/2055 DD 10/23/16	20,281	22,750	
	COX COMMUNICATIONS INC 144A 6.450% 12/01/2036 DD 12/01/06	20,073	22,305	
	EQUINOR ASA 3.250% 11/18/2049 DD 11/18/19	20,943	22,226	
	NEVADA POWER CO 3.125% 08/01/2050 DD 01/30/20	19,992	22,148	
	ENERGY TRANSFER LP 5.300% 04/01/2044 DD 04/03/14	20,338	21,613	
	ONEOK INC 4.500% 03/15/2050 DD 03/10/20	15,458	20,972	
	BRISTOL-MYERS SQUIBB CO 4.350% 11/15/2047 DD 05/15/20	20,089	20,203	

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Held at End of Year)
EIN: 13-4922641 **Plan Number: 001**

December 31, 2020

(a)	(b)	(c)	(d)	(e)
Identity of issuer, borrower, lessor, or similar party	Description of investment including maturity date, rate of interest, collateral, par, or maturity value	Cost	Current value	
	SOUTHERN CALIFORNIA EDISON CO 5.625% 02/01/2036 DD 01/31/06	\$ 18,499	\$ 19,122	
	BROADCOM INC 4.150% 11/15/2030 DD 05/08/20	16,379	17,366	
	BOEING CO/THE 5.805% 05/01/2050 DD 05/04/20	10,000	13,782	
	SOUTHERN CALIFORNIA EDISON CO 3.900% 03/15/2043 DD 03/07/13	11,794	13,553	
	CSX CORP 4.250% 11/01/2066 DD 10/18/16	8,820	13,385	
	AMERICAN WATER CAPITAL CORP 4.150% 06/01/2049 DD 05/13/19	11,901	13,241	
	VIACOMCBS INC 4.950% 05/19/2050 DD 05/19/20	9,607	12,953	
	WILLIS NORTH AMERICA INC 3.875% 09/15/2049 DD 09/10/19	10,076	12,193	
	ENERGY TRANSFER LP 6.250% 04/15/2049 DD 01/15/19	11,226	12,096	
	LOWE'S COS INC 4.250% 09/15/2044 DD 09/10/14	11,549	11,971	
	TRANSCONTINENTAL GAS PIPE LINE 4.450% 08/01/2042 DD 07/13/12	10,415	11,638	
	EVERSOURCE ENERGY 3.450% 01/15/2050 DD 01/10/20	10,676	11,386	
	BRISTOL-MYERS SQUIBB CO 4.550% 02/20/2048 DD 02/20/20	6,814	6,974	
	VERIZON COMMUNICATIONS INC 4.862% 08/21/2046 DD 02/21/15	6,085	6,757	
	ALABAMA POWER CO 4.300% 07/15/2048 DD 06/28/18	4,962	6,686	
	VODAFONE GROUP PLC 4.875% 06/19/2049 DD 06/19/19	5,062	6,682	
	JOHNSON CONTROLS INTERNATIONAL 4.500% 02/15/2047 DD 02/07/17	5,986	6,572	
	HESS CORP 7.300% 08/15/2031 DD 08/15/01	5,763	6,542	
	VOYA FINANCIAL INC 4.800% 06/15/2046 DD 06/13/16	5,863	6,338	
	ALIMENTATION COUCHE-TARD 144A 4.500% 07/26/2047 DD 07/26/17	5,493	6,259	
	HALLIBURTON CO 4.500% 11/15/2041 DD 11/14/11	4,289	5,459	
	LOCKHEED MARTIN CORP 2.800% 06/15/2050 DD 05/20/20	4,957	5,406	
	COMMONWEALTH EDISON CO 4.350% 11/15/2045 DD 11/19/15	4,370	5,215	
Total Corporate Obligations		83,242,243	98,415,502	
U.S. Government Obligations				
	U S TREASURY BOND 3.000% 05/15/2047 DD 05/15/17	22,083,618	28,468,742	
	U S TREASURY NOTE 0.625% 05/15/2030 DD 05/15/20	8,638,424	8,495,865	
	U S TREASURY BD PRIN STRIP 0.000% 08/15/2043 DD 08/15/13	4,970,245	7,359,685	
	U S TREASURY BOND 4.375% 05/15/2040 DD 05/15/10	4,552,448	5,210,127	
	U S TREASURY BOND 3.000% 02/15/2048 DD 02/15/18	4,996,351	5,145,902	
	U S TREASURY BOND 2.500% 02/15/2046 DD 02/15/16	3,696,097	4,575,663	
	U S TREASURY BD PRIN STRIP 0.000% 02/15/2040 DD 02/16/10	2,606,648	3,700,905	
	U S TREASURY BOND 3.750% 11/15/2043 DD 11/15/13	2,702,074	3,402,694	
	U S TREASURY BOND 3.000% 02/15/2047 DD 02/15/17	1,965,481	2,578,548	
	U S TREASURY BOND 3.000% 08/15/2048 DD 08/15/18	1,493,608	1,710,163	
	U S TREASURY NOTE 3.125% 11/15/2028 DD 11/15/18	813,398	887,985	
	U S TREASURY BOND 3.000% 02/15/2049 DD 02/15/19	454,317	435,290	
	US TREAS-CPI INFLAT 0.250% 02/15/2050 DD 02/15/20	334,420	343,851	
	US TREAS-CPI INFLAT 1.000% 02/15/2048 DD 02/15/18	119,548	146,930	
	US TREAS-CPI INFLAT 1.000% 02/15/2049 DD 02/15/19	111,321	116,513	
Total U.S. Government Obligations		59,537,999	72,578,863	
Total 401(h) Investments		331,504,961	476,859,433	
Total Investments		\$ 4,926,057,854	\$ 6,041,184,056	

* A party-in-interest, as defined by ERISA.

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 H (Form 5500), Line 4i - Schedule of Assets (Acquired and Disposed of Within Year)

EIN: 13-4922641

Plan Number: 001

December 31, 2020

(a) Identity of issuer, 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
	US ULTRA BOND (CBT) EXP JUN 20	\$ -	\$ 16,277,449
	US TREAS INFLAT INDEXED BONDS 0.875% 02/15/2047 DD 02/28/17	(7,234,883)	8,753,357
	US 5YR NOTE FUTURE (CBT) EXP JUN 20	-	8,172,999
	US TREAS INFLAT INDEXED BONDS 0.875% 02/15/2047 DD 02/28/17	(7,574,470)	7,849,530
	US TREAS INFLAT INDEXED BONDS 0.875% 02/15/2047 DD 02/15/17	(7,856,245)	7,237,020
	US TREASURY INFLATION FWD 0.375% 01/15/2027 DD 01/15/17	(6,382,410)	6,472,797
	US TREASURY INFLATION INDX 0.375% 01/15/2027 DD 01/31/17	(6,383,935)	6,394,311
	US TREAS INFLAT INDEXED FWD 0.375% 01/15/2027 DD 01/31/17	(6,382,761)	6,384,897
	US TREAS INFLAT INDEXED NOTES 0.375% 01/15/2027 DD 01/15/17	(6,290,154)	6,383,587
	US TREASURY INFLATION INDX BND 0.375% 01/15/2027 DD 01/31/17	(6,393,285)	6,383,024
	US TREAS INFLAT INDEXED NOTES 0.375% 01/15/2027 DD 01/15/17	(6,190,190)	6,290,900
	US TREAS INFLAT INDEXED NT FWD 0.375% 01/15/2027 DD 01/15/17	(6,113,347)	6,190,946
	US TREAS INFLAT INDEXED NOTES 0.375% 01/15/2027 DD 01/31/17	(6,096,976)	6,114,233
	US TREAS INFLAT INDEXED NOTES 0.375% 01/15/2027 DD 01/31/17	(5,718,893)	6,097,767
	US TREAS INFLAT INDEXED NOTES 0.375% 01/15/2027 DD 01/31/17	(5,943,912)	6,015,005
	US TREAS INFLAT INDEXED NOTES 0.375% 01/15/2027 DD 01/31/17	(6,022,284)	5,717,631
	US TREAS INFLAT INDEXED BONDS 0.750% 02/15/2045 DD 02/15/15	(5,255,635)	5,508,196
	US TREAS INFLAT INDEXED BOND 0.750% 02/15/2045 DD 02/15/15	(5,306,292)	5,499,690
	US TREAS INFLAT INDEXED FWD 0.750% 02/15/2045 DD 02/27/15	(5,427,103)	5,489,368
	US TREASURY INFLATION INDX BND 0.750% 02/15/2045 DD 02/27/15	(5,487,309)	5,464,291
	US TREAS INFLAT INDEXED BONDS 0.750% 02/15/2045 DD 02/15/15	(5,506,202)	5,429,200
	UNITED STATES TREASURY BOND FW 0.750% 02/15/2045 DD 02/27/15	(5,462,159)	5,428,035
	US TREAS INFLAT INDEXED BONDS 0.750% 02/15/2045 DD 02/27/15	(4,622,905)	5,382,063
	US TREAS INFLAT INDEXED NT FWD 0.750% 02/15/2045 DD 02/15/15	(5,112,598)	5,257,493
	US TREAS INFLAT INDEXED NOTES 0.750% 02/15/2045 DD 02/27/15	(5,380,379)	5,114,437
	US TREAS INFLAT INDEXED NOTES 0.375% 07/15/2027 DD 07/31/17	(4,781,517)	4,783,313
	US TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(4,649,994)	4,770,862
	ZHONGSHENG GROUP HOLDINGS LTD HK/00881	(3,039,939)	4,742,499
	US TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(4,486,821)	4,727,641
	US TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(4,569,765)	4,659,341
	US TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(4,601,487)	4,658,273
	US TREAS INFLAT INDEXED BONDS 0.875% 02/15/2047 DD 02/15/17	(4,394,322)	4,627,071
	US TREAS INFLAT INDEXED BONDS 0.750% 02/15/2045 DD 02/27/15	(4,852,978)	4,623,068
	US TREASURY INFLATION INDEXED 0.875% 02/15/2047 DD 02/15/17	(4,563,647)	4,613,466
	US TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(4,719,712)	4,610,250
	US TREAS INFLAT INDEXED FWD 0.875% 02/15/2047 DD 02/15/17	(4,499,916)	4,598,298
	US TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(4,762,650)	4,577,701
	UNITED STATES TREASURY BOND 3.125% 02/15/2043 DD 02/15/13	(4,651,225)	4,571,298
	US TREASURY INFLATION INDX BND 0.875% 02/15/2047 DD 02/28/17	(4,561,466)	4,564,790
	US TREASURY INFLATION INDX BND 0.875% 02/15/2047 DD 02/28/17	(4,596,393)	4,563,441
	UNITED STATES TREASURY BOND FW 3.125% 02/15/2043 DD 02/15/13	(4,562,901)	4,525,409
	US TREAS INFLAT INDEXED BONDS 0.875% 02/15/2047 DD 02/15/17	(4,625,295)	4,501,633
	US TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(4,273,306)	4,493,927
	UNITED STATES TREASURY BOND 3.125% 02/15/2043 DD 02/15/13	(4,520,530)	4,471,516
	US TREAS INFLAT INDEXED BONDS 0.875% 02/15/2047 DD 02/28/17	(4,268,116)	4,396,106
	US TREASURY BOND FWD 3.125% 02/15/2043 DD 02/15/13	(4,076,062)	4,276,220
	US TREAS INFLAT INDEXED BONDS 0.875% 02/15/2047 DD 02/28/17	(4,515,292)	4,270,116
	ADIDAS AG	(3,675,080)	4,139,491
	DOMETIC GROUP AB	(2,048,929)	3,753,763
	US TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(3,477,930)	3,560,925
	US TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(3,333,009)	3,544,631
	PERUVIAN GOVERNMENT INTERNATIO 2.783% 01/23/2031 DD 04/23/2	(3,325,067)	3,540,790
	US TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(3,442,495)	3,484,641
	US TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(3,405,540)	3,475,753
	US TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(3,538,361)	3,449,461
	US TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(3,554,266)	3,412,059
	UNITED STATES TREASURY BOND FW 3.625% 08/15/2043 DD 08/15/13	(3,469,214)	3,405,394
	UNITED STATES TREASURY BOND FW 3.625% 08/15/2043 DD 08/15/13	(3,398,599)	3,380,953
	UNITED STATES TREASURY BOND 3.625% 08/15/2043 DD 08/15/13	(3,376,989)	3,340,219
	US TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(3,218,725)	3,337,997
	US TREASURY BOND FWD 3.625% 08/15/2043 DD 08/15/13	(3,061,825)	3,221,348
	AMAZON.COM INC 4.800% 12/05/2034 DD 12/05/14	(2,586,369)	2,827,191
	US TREAS INFLAT INDEXED NOTES 0.875% 01/15/2029 DD 01/15/19	(2,571,624)	2,588,998
	US TREASURY INFLATION FWD 0.750% 02/15/2045 DD 02/15/15	(2,528,200)	2,544,884
	US TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	(2,477,264)	2,539,797
	US TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	(2,381,207)	2,518,592
	US TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	(2,447,382)	2,481,295

American Electric Power System Retirement Plan

Schedule H (Form 5500), Line 4i - Schedule of Assets (Acquired and Disposed of Within Year)

EIN: 13-4922641

Plan Number: 001

December 31, 2020

(a) Identity of issuer, 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 BOND FWD 2.750% 11/15/2042 DD 11/15/12	\$ (2,430,119)	\$ 2,481,145
	US TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	(2,514,794)	2,451,593
	US TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	(2,535,777)	2,434,072
	US TREASURY INFLATION INDX BND 2.750% 11/15/2042 DD 11/15/12	(2,477,157)	2,428,583
	UNITED STATES TREASURY BOND FW 2.750% 11/15/2042 DD 11/15/12	(2,424,403)	2,408,506
	US TREAS INFLAT INDEXED NT FWD 0.875% 01/15/2029 DD 01/15/19	(2,369,512)	2,408,073
	US TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	(2,280,951)	2,384,218
	UNITED STATES TREASURY BOND 2.750% 11/15/2042 DD 11/15/12	(2,406,045)	2,378,954
	US TREASURY BOND FWD 2.750% 11/15/2042 DD 11/15/12	(2,170,216)	2,282,102
	US TREASURY INFLATION INDEXED 0.500% 01/15/2028 DD 01/15/18	(2,008,181)	2,019,385
	US TREAS INFLAT INDEXED NOTES 0.500% 01/15/2028 DD 01/31/18	(2,002,377)	2,008,642
	US TREAS INFLAT INDEXED NOTES 0.500% 01/15/2028 DD 01/31/18	(1,859,979)	2,002,784
	US LONG BOND FUTURE (CBT) EXP DEC 20	-	1,998,524
	US TREAS INFLAT INDEXED NOTES 0.500% 01/15/2028 DD 01/31/18	(1,941,754)	1,967,900
	US TREAS INFLAT INDEXED NOTES 0.625% 04/15/2023 DD 04/15/18	(1,952,076)	1,956,818
	US TREAS INFLAT INDEXED NT FWD 0.625% 04/15/2023 DD 04/15/18	(1,936,087)	1,952,802
	US TREAS INFLAT INDEXED NOTES 0.625% 04/15/2023 DD 04/15/18	(1,924,479)	1,936,860
	US TREAS INFLAT INDEXED NOTES 0.625% 04/15/2023 DD 04/15/18	(1,921,357)	1,932,669
	US TREAS INFLAT INDEXED NOTES 0.625% 04/15/2023 DD 04/15/18	(1,887,920)	1,925,182
	US TREAS INFLAT INDEXED NOTES 0.625% 04/15/2023 DD 04/15/18	(1,934,547)	1,888,060
	US TREAS INFLAT INDEXED NOTES 0.500% 01/15/2028 DD 01/31/18	(1,970,079)	1,859,692
	APPLE INC 4.250% 02/09/2047 DD 02/09/17	(1,548,293)	1,718,324
	MICRON TECHNOLOGY INC 4.663% 02/15/2030 DD 07/12/19	(1,517,850)	1,581,114
	PETRONAS CAPITAL LTD 144A 4.550% 04/21/2050 DD 04/21/20	(1,268,791)	1,576,582
	US TREAS INFLAT INDEXED NOTES 0.875% 01/15/2029 DD 01/31/19	(1,285,646)	1,406,433
	US TREAS INFLAT INDEXED NOTES 0.875% 01/15/2029 DD 01/31/19	(1,405,733)	1,401,832
	US TREAS INFLAT INDEXED NOTES 0.875% 01/15/2029 DD 01/31/19	(1,354,122)	1,372,348
	CARRIER GLOBAL CORP 144A 2.722% 02/15/2030 DD 02/27/20	(1,319,772)	1,368,758
	US TREASURY INFLATION INDX BND 0.625% 01/15/2026 DD 01/29/16	(1,308,694)	1,310,096
	US TREAS INFLAT INDEXED NOTES 0.625% 01/15/2026 DD 01/15/16	(1,289,946)	1,309,957
	US TREASURY INFLATION INDX BND 0.625% 01/15/2026 DD 01/29/16	(1,307,434)	1,309,156
	US TREAS INFLAT INDEXED FWD 0.625% 01/15/2026 DD 01/29/16	(1,309,522)	1,307,872
	US TREAS INFLAT INDEXED NOTES 0.625% 01/15/2026 DD 01/15/16	(1,272,298)	1,290,381
	US TREAS INFLAT INDEXED NOTES 0.875% 01/15/2029 DD 01/31/19	(1,373,453)	1,286,078
	PETROLEOS MEXICANOS 144A 6.950% 01/28/2060 DD 01/28/20	(1,781,737)	1,284,794
	US TREAS INFLAT INDEXED NT FWD 0.625% 01/15/2026 DD 01/15/16	(1,257,159)	1,272,722
	US TREAS INFLAT INDEXED NOTES 0.625% 01/15/2026 DD 01/29/16	(1,250,201)	1,257,586
	KEURIG DR PEPPER INC 3.800% 05/01/2050 DD 04/13/20	(1,044,204)	1,256,024
	US TREAS INFLAT INDEXED NOTES 0.625% 01/15/2026 DD 01/29/16	(1,188,406)	1,250,585
	US TREASURY INFLATION FWD 0.625% 01/15/2026 DD 01/15/16	(1,231,849)	1,247,523
	US TREAS INFLAT INDEXED NOTES 0.625% 01/15/2026 DD 01/29/16	(1,229,412)	1,241,990
	LOWE'S COS INC 5.125% 04/15/2050 DD 03/26/20	(1,071,230)	1,235,868
	US TREAS INFLAT INDEXED NOTES 0.625% 01/15/2026 DD 01/29/16	(1,243,215)	1,188,426
	WELLS FARGO & CO VAR RT 02/11/2026 DD 02/11/20	(1,090,052)	1,114,059
	ABU DHABI GOVERNMENT INTE 144A 3.875% 04/16/2050 DD 04/16/20	(797,929)	1,045,890
	OTIS WORLDWIDE CORP 144A 3.362% 02/15/2050 DD 02/27/20	(960,616)	1,026,565
	CITIGROUP INC VAR RT 01/29/2031 DD 01/29/20	(1,024,824)	1,016,775
	FOX CORP 5.576% 01/25/2049 DD 01/25/20	(702,987)	966,850
	ABBVIE INC 144A 3.450% 03/15/2022 DD 03/15/20	(967,228)	966,586
	US TREAS INFLAT INDEXED NOTES 0.500% 01/15/2028 DD 01/15/18	(946,327)	961,962
	QATAR GOVERNMENT INTERNAT 144A 4.400% 04/16/2050 DD 04/16/20	(685,000)	954,350
	BANK OF AMERICA CORP VAR RT 06/19/2026 DD 06/19/20	(915,000)	921,542
	US TREASURY INFLATION FWD 0.875% 01/15/2029 DD 01/15/19	(867,218)	879,425
	US TREASURY INFLATION INDX 0.875% 01/15/2029 DD 01/15/19	(871,048)	871,622
	US TREAS INFLAT INDEXED FWD 0.875% 01/15/2029 DD 01/15/19	(869,990)	871,473
	US TREAS INFLAT INDEXED NOTES 0.875% 01/15/2029 DD 01/15/19	(864,973)	870,401
	US TREASURY INFLATION INDX BND 0.875% 01/15/2029 DD 01/31/19	(871,177)	867,480

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EIN: 13-4922641

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SAUDI GOVERNMENT INTERNAT 144A 4.500% 04/22/2060 DD 04/22/20		\$ (639,085)	\$ 863,438
PERSIMMON PLC		(529,949)	817,076
BAE SYSTEMS PLC 144A 3.400% 04/15/2030 DD 04/14/20		(749,430)	806,889
TRUIST BANK 2.250% 03/11/2030 DD 03/09/20		(843,648)	804,529
NEW YORK LIFE GLOBAL FUND 144A 2.000% 01/22/2025 DD 01/22/20		(757,272)	798,061
DELL INTERNATIONAL LLC / 144A 5.300% 10/01/2029 DD 03/20/19		(783,812)	793,743
GILEAD SCIENCES INC 0.750% 09/29/2023 DD 09/30/20		(789,724)	792,441
US TREAS INFLAT INDEXED NOTES 0.500% 01/15/2028 DD 01/15/18		(782,496)	787,571
T-MOBILE USA INC 144A 3.875% 04/15/2030 DD 04/09/20		(774,623)	786,249
US 10 YR TREAS NTS FUTURE(CBT) EXP JUN 20		-	779,087
PROCTER & GAMBLE CO/THE 2.450% 03/25/2025 DD 03/25/20		(708,871)	758,450
TEXAS INSTRUMENTS INC 1.375% 03/12/2025 DD 03/12/20		(758,868)	731,948
UPJOHN INC 144A 2.700% 06/22/2030 DD 06/22/20		(703,990)	715,219
UNIV OF CALIFORNIA CA REVENUES 0.883% 05/15/2025 DD 07/16/20		(705,000)	709,406
TORONTO-DOMINION BANK/THE 1.150% 06/12/2025 DD 06/12/20		(694,965)	709,137
STATE OF ISRAEL 2.500% 01/15/2030 DD 01/15/20		(677,015)	708,373
RAYTHEON TECHNOLOGIES COR 144A 3.500% 03/15/2027 DD 03/15/20		(699,249)	697,841
T-MOBILE USA INC 144A 2.250% 11/15/2031 DD 10/28/20		(691,876)	695,396
ROYALTY PHARMA PLC 144A 1.200% 09/02/2025 DD 09/02/20		(682,238)	691,386
MORGAN STANLEY VAR RT 04/28/2026 DD 04/28/20		(681,603)	689,662
MEXICO GOVERNMENT INTERNATIONA 3.900% 04/27/2025 DD 04/27/20		(643,455)	684,930
NATIONAL RURAL UTILITIES COOPE 1.750% 01/21/2022 DD 02/05/20		(659,419)	672,949
APPLE INC 3.200% 05/11/2027 DD 05/11/17		(650,400)	646,287
NATIONAL BANK OF CANADA 2.100% 02/01/2023 DD 01/16/20		(614,797)	633,093
COSTCO WHOLESALE CORP 1.600% 04/20/2030 DD 04/20/20		(628,562)	622,347
TAKEDA PHARMACEUTICAL CO LTD 2.050% 03/31/2030 DD 07/09/20		(588,844)	604,292
PETROLEOS MEXICANOS 144A 5.950% 01/28/2031		(895,000)	602,950
ABBVIE INC 144A 3.200% 11/21/2029 DD 11/21/19		(585,450)	592,179
ALPHABET INC 0.800% 08/15/2027 DD 08/05/20		(578,028)	578,828
WELLS FARGO & CO VAR RT 04/30/2026 DD 04/30/20		(555,000)	560,671
ROSS STORES INC 4.800% 04/15/2030 DD 04/06/20		(495,435)	536,939
PACIFIC GAS AND ELECTRIC CO 4.550% 07/01/2030 DD 07/02/20		(532,869)	535,397
NEW YORK LIFE GLOBAL FUND 144A 1.200% 08/07/2030 DD 08/07/20		(539,087)	528,541
STARBUCKS CORP 1.300% 05/07/2022 DD 05/07/20		(519,652)	526,796
INTUIT INC 0.950% 07/15/2025 DD 06/29/20		(519,589)	524,467
MIZUHO FINANCIAL GROUP INC VAR RT 07/10/2024 DD 07/10/20		(505,000)	510,146
JPMORGAN CHASE & CO VAR RT 04/22/2031 DD 04/22/20		(490,000)	507,135
CREDIT SUISSE GROUP AG 144A VAR RT 04/01/2031 DD 04/01/20		(451,343)	507,101
APPLE INC 1.125% 05/11/2025 DD 05/11/20		(499,105)	502,270
OTIS WORLDWIDE CORP 144A 3.112% 02/15/2040 DD 02/27/20		(473,681)	500,836
LEIDOS INC 144A 2.950% 05/15/2023 DD 05/12/20		(473,091)	500,308
ABBVIE INC 144A 3.800% 03/15/2025 DD 03/15/20		(488,557)	489,985
MORGAN STANLEY VAR RT 07/22/2025 DD 07/23/19		(470,671)	486,505
NISSAN MOTOR CO LTD 144A 4.810% 09/17/2030 DD 09/17/20		(480,000)	485,859
CARRIER GLOBAL CORP 144A 3.577% 04/05/2050 DD 02/27/20		(447,662)	475,549
PHILIPPINE GOVERNMENT INTERNAT 3.700% 02/02/2042		(473,500)	466,500
DAIMLER FINANCE NORTH AME 144A 2.125% 03/10/2025 DD 03/10/20		(487,810)	462,085
MEXICO GOVERNMENT INTERNATIONA 3.250% 04/16/2030 DD 01/16/20		(442,045)	458,768
UBS AG/LONDON 144A 1.750% 04/21/2022 DD 04/21/20		(449,411)	454,141
PARTNERS HEALTHCARE SYSTEM INC 3.192% 07/01/2049 DD 01/29/20		(452,333)	448,966
ANALOG DEVICES INC 2.950% 04/01/2025 DD 04/08/20		(435,764)	448,270
PVH CORP 144A 4.625% 07/10/2025 DD 07/10/20		(438,350)	443,749
COSTCO WHOLESALE CORP 1.375% 06/20/2027 DD 04/20/20		(439,010)	439,718
COMCAST CORP 1.500% 02/15/2031 DD 08/25/20		(438,517)	438,984
USAA CAPITAL CORP 144A 1.500% 05/01/2023 DD 04/21/20		(419,479)	432,050
BANK OF AMERICA CORP VAR RT 10/24/2051 DD 10/21/20		(405,000)	427,084
SCHLUMBERGER INVESTMENT SA 2.650% 06/26/2030 DD 06/26/20		(408,393)	420,541

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Schedule H (Form 5500), Line 4i - Schedule of Assets (Acquired and Disposed of Within Year)

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	CAPITAL ONE BANK USA NA VAR RT 01/27/2023 DD 01/28/20	\$ (415,000)	\$ 416,498
	HYUNDAI CAPITAL AMERICA 144A 1.800% 10/15/2025 DD 09/18/20	(414,216)	416,266
	EAST OHIO GAS CO/THE 144A 2.000% 06/15/2030 DD 06/16/20	(403,761)	415,915
	UPJOHN INC 144A 1.650% 06/22/2025 DD 06/22/20	(404,109)	410,212
	METROPOLITAN LIFE GLOBAL 144A 0.900% 06/08/2023 DD 06/08/20	(404,413)	409,828
	APPLE INC 3.350% 02/09/2027 DD 02/09/17	(408,379)	409,110
	FISERV INC 2.650% 06/01/2030 DD 05/13/20	(389,314)	408,162
	PERNOD RICARD INTERNATION 144A 2.750% 10/01/2050 DD 10/01/20	(404,210)	406,642
	COMCAST CORP 3.950% 10/15/2025 DD 10/05/18	(403,099)	405,083
	AMAZON.COM INC 1.500% 06/03/2030 DD 06/03/20	(404,550)	405,036
	ISRAEL GOVERNMENT INTERNATIONA 3.875% 07/03/2050	(325,000)	403,813
	NEWCREST FINANCE PTY LTD 144A 3.250% 05/13/2030 DD 05/13/20	(398,712)	400,136
	COLOMBIA GOVERNMENT INTERNATIO 3.000% 01/30/2030 DD 01/30/20	(405,523)	398,360
	CARRIER GLOBAL CORP 144A 2.242% 02/15/2025 DD 02/27/20	(395,000)	396,845
	LEIDOS INC 144A 3.625% 05/15/2025 DD 05/12/20	(378,640)	391,973
	INTEL CORP 3.750% 03/25/2027 DD 03/25/20	(349,318)	388,108
	UNITED AIRLINES 2020-1 CLASS A 5.875% 04/15/2029 DD 10/28/20	(380,000)	381,794
	HUNTINGTON BANCSHARES INC/OH 2.550% 02/04/2030 DD 02/04/20	(374,158)	377,919
	JARDINE STRATEGIC HOLDINGS LTD	(340,029)	374,893
	BERRY GLOBAL INC 144A 1.570% 01/15/2026 DD 12/22/20	(369,874)	372,823
	NATWEST MARKETS PLC 144A 2.375% 05/21/2023 DD 05/21/20	(358,852)	372,344
	PROVINCE OF QUEBEC CANADA 1.350% 05/28/2030 DD 05/28/20	(364,726)	370,504
	T-MOBILE USA INC 144A 3.750% 04/15/2027 DD 04/09/20	(362,316)	369,072
	NXP BV / NXP FUNDING LLC 144A 2.700% 05/01/2025 DD 05/01/20	(339,714)	362,362
	BANK OF AMERICA CORP VAR RT 04/29/2031 DD 04/29/20	(345,000)	353,006
	CHILE GOVERNMENT INTERNATIONAL 2.250% 10/30/2022 DD 10/30/12	(342,805)	352,580
	O'REILLY AUTOMOTIVE INC 1.750% 03/15/2031 DD 09/23/20	(343,427)	343,824
	T-MOBILE USA INC 144A 2.050% 02/15/2028 DD 06/24/20	(343,908)	343,465
	YARA INTERNATIONAL ASA 144A 3.148% 06/04/2030 DD 06/04/20	(320,000)	342,010
	ALIMENTATION COUCHE-TARD 144A 2.950% 01/25/2030 DD 01/27/20	(329,604)	333,818
	PACIFIC GAS AND ELECTRIC CO 3.450% 07/01/2025 DD 07/02/20	(326,241)	330,671
	CORP NACIONAL DEL COBRE D 144A 3.150% 01/14/2030 DD 01/14/20	(304,350)	328,256
	MONDELEZ INTERNATIONAL INC 2.625% 09/04/2050 DD 09/04/20	(328,165)	326,238
	NVIDIA CORP 2.850% 04/01/2030 DD 03/31/20	(303,868)	322,016
	ROYAL BANK OF CANADA 1.600% 04/17/2023 DD 04/17/20	(309,802)	319,285
	NISSAN MOTOR CO LTD 144A 3.522% 09/17/2025 DD 09/17/20	(315,000)	315,866
	STARBUCKS CORP 2.000% 03/12/2027 DD 03/12/20	(328,650)	315,066
	BROADCOM INC 144A 4.700% 04/15/2025 DD 04/09/20	(304,970)	314,601
	TSMC GLOBAL LTD 144A 0.750% 09/28/2025 DD 09/28/20	(314,707)	313,375
	CHINA TELECOM CORP LTD HK/00728	(348,670)	312,922
	INTEL CORP 3.700% 07/29/2025 DD 07/29/15	(311,193)	312,441
	CANADIAN IMPERIAL BANK OF COMM 0.950% 06/23/2023 DD 06/23/20	(304,829)	308,251
	DEUTSCHE BANK AG/NEW YORK NY VAR RT 09/18/2031 DD 09/18/20	(296,055)	303,511
	METROPOLITAN LIFE GLOBAL 144A 2.950% 04/09/2030 DD 04/09/20	(269,444)	295,198
	BERKSHIRE HATHAWAY ENERGY 144A 4.050% 04/15/2025 DD 03/24/20	(274,645)	288,372
	DANONE SA	(297,590)	288,211
	AXA SA	(312,501)	287,646
	ALTRIA GROUP INC 3.400% 05/06/2030 DD 05/06/20	(279,129)	284,637
	T-MOBILE USA INC 144A 3.500% 04/15/2025 DD 04/09/20	(274,937)	278,941
	NUTRITION & BIOSCIENCES I 144A 1.832% 10/15/2027 DD 09/16/20	(269,997)	271,936
	QATAR GOVERNMENT INTERNAT 144A 3.750% 04/16/2030 DD 04/16/20	(244,535)	269,010
	DISCOVERY COMMUNICATIONS LLC 3.625% 05/15/2030 DD 05/18/20	(240,000)	265,253
	COMCAST CORP 1.950% 01/15/2031 DD 05/28/20	(254,199)	258,657
	TRUIST BANK 1.500% 03/10/2025 DD 03/09/20	(259,464)	257,530
	US TREAS INFLAT INDEXED BONDS 0.750% 02/15/2045 DD 02/15/15	(256,459)	256,455
	JPMORGAN CHASE & CO VAR RT 01/29/2027 DD 01/29/19	(250,155)	255,839
	LAM RESEARCH CORP 1.900% 06/15/2030 DD 05/05/20	(259,142)	255,146

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	EXELON CORP 4.050% 04/15/2030 DD 04/01/20	\$ (244,574)	\$ 251,847
	BAE SYSTEMS PLC 144A 1.900% 02/15/2031 DD 09/15/20	(248,080)	249,885
	PROGRESSIVE CORP/THE 3.200% 03/26/2030 DD 03/26/20	(225,000)	244,294
	SMITHFIELD FOODS INC 144A 3.000% 10/15/2030 DD 09/15/20	(237,211)	239,230
	CARREFOUR SA	(251,364)	238,526
	BAT INTERNATIONAL FINANCE 144A 3.500% 06/15/2022 DD 06/15/15	(237,579)	237,811
	BANCO BRADESCO SA	(284,690)	235,332
	PHILIPPINE GOVERNMENT INTERNAT 3.950% 01/20/2040	(217,500)	235,250
	BROADCOM INC 144A 4.110% 09/15/2028 DD 05/21/20	(217,148)	231,239
	WESTERN MIDSTREAM OPERATING LP 4.500% 03/01/2028 DD 03/02/18	(278,567)	228,250
	PIONEER NATURAL RESOURCES CO 1.900% 08/15/2030 DD 08/11/20	(237,371)	227,921
	UNIVERSAL HEALTH SERVICES 144A 2.650% 10/15/2030 DD 09/21/20	(224,366)	224,858
	NUTRITION & BIOSCIENCES I 144A 1.230% 10/01/2025 DD 09/16/20	(220,000)	221,067
	NEWMONT CORP 2.250% 10/01/2030 DD 03/18/20	(222,993)	220,241
	TESCO PLC	(198,909)	219,426
	CARRIER GLOBAL CORP 144A 2.700% 02/15/2031 DD 06/19/20	(214,914)	215,774
	SOUTHERN CALIFORNIA EDISON CO 2.850% 08/01/2029 DD 08/06/19	(207,417)	215,365
	FOX CORP 3.050% 04/07/2025 DD 04/07/20	(209,672)	210,853
	US TREASURY INFLATION FWD 0.750% 07/15/2028 DD 07/15/18	(209,552)	210,043
	EQUITABLE FINANCIAL LIFE 144A 1.400% 07/07/2025 DD 07/07/20	(199,634)	205,544
	BERMUDA GOVERNMENT INTERN 144A 2.375% 08/20/2030 DD 08/20/20	(199,770)	204,022
	WELLS FARGO & CO VAR RT 05/22/2028 DD 05/22/17	(192,070)	196,227
	EQUINIX INC 1.550% 03/15/2028 DD 10/07/20	(194,823)	195,429
	NASDAQ INC 3.250% 04/28/2050 DD 04/28/20	(176,576)	187,323
	ALLIANCE GLOBAL GROUP INC	(202,089)	185,408
	BROADCOM INC 144A 4.150% 11/15/2030 DD 05/08/20	(174,806)	180,299
	WILLIS NORTH AMERICA INC 2.950% 09/15/2029 DD 09/10/19	(161,157)	174,992
	AIG GLOBAL FUNDING 144A 0.900% 09/22/2025 DD 09/22/20	(169,859)	170,485
	COX COMMUNICATIONS INC 144A 2.950% 10/01/2050 DD 09/17/20	(168,623)	169,791
	BANK OF MONTREAL 1.850% 05/01/2025 DD 04/27/20	(164,875)	166,818
	CAPITAL ONE BANK USA NA VAR RT 01/28/2026 DD 01/28/20	(166,234)	165,251
	EMPOWER FINANCE 2020 LP 144A 1.357% 09/17/2027 DD 09/17/20	(160,000)	160,386
	DIAMONDBACK ENERGY INC 3.250% 12/01/2026 DD 12/05/19	(156,598)	160,083
	PANAMA GOVERNMENT INTERNATIONA 3.750% 03/16/2025 DD 03/16/15	(155,368)	158,413
	HUIFU PAYMENT LTD HK/01806	(108,552)	152,388
	DELL INTERNATIONAL LLC / 144A 6.020% 06/15/2026 DD 06/01/16	(148,925)	151,756
	EXELON GENERATION CO LLC 3.250% 06/01/2025 DD 05/15/20	(144,730)	145,680
	MIZUHO FINANCIAL GROUP INC VAR RT 07/10/2031 DD 07/10/20	(135,325)	139,092
	ALIMENTATION COUCHE-TARD 144A 3.550% 07/26/2027 DD 07/26/17	(137,881)	137,940
	UNITED AIRLINES 2018-1 CLASS A 3.500% 09/01/2031 DD 02/14/18	(153,559)	136,665
	ASML HOLDING NV	(114,589)	135,444
	US 10YR ULTRA FUTURE (CBT) EXP SEP 20	-	133,304
	US 2YR TREAS NTS FUT (CBT) EXP JUN 20	-	130,711
	AMGEN INC 1.900% 02/21/2025 DD 02/21/20	(124,745)	124,840
	CITIGROUP INC VAR RT 06/03/2031 DD 06/03/20	(120,000)	124,196
	SOFTWARE AG	(111,881)	119,151
	BANK OF AMERICA CORP VAR RT 04/24/2028 DD 04/24/17	(109,993)	113,044
	COMCAST CORP 3.300% 04/01/2027 DD 03/27/20	(99,733)	110,761
	OPEN TEXT CORPORATION	(110,917)	110,520
	BOLLORE SA	(114,968)	108,305
	LINK ADMINISTRATION HOLDINGS L	(110,497)	108,243
	PRINCIPAL LIFE GLOBAL FUN 144A 1.500% 08/27/2030 DD 08/27/20	(94,421)	94,257
	US 10Y NOTE 1ST W FUT MAR 20 PUT FEB 20 130.500 ED 02/07/20	(61,250)	85,750
	CARRIER GLOBAL CORP 144A 3.377% 04/05/2040 DD 02/27/20	(81,579)	82,178
	US 10YR NOTE FUTURE (CBT) EXP SEP 20	-	69,226
	MAH SING GROUP BHD	(81,521)	62,908
	PIAGGIO & C SPA	(38,736)	58,844

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	US TREASURY INFLATION FWD 0.500% 01/15/2028 DD 01/15/18	\$ (57,506)	\$ 58,294
	US TREASURY INFLATION INDX BND 0.500% 01/15/2028 DD 01/15/18	(57,493)	57,514
	FIRST PACIFIC CO LTD HK/00142	(77,511)	53,264
	DISCOVERY COMMUNICATIONS LLC 6.350% 06/01/2040 DD 06/03/10	(52,149)	51,277
	BANK OF AMERICA CORP VAR RT 03/05/2029 DD 03/05/18	(46,321)	46,243
	ABBVIE INC 144A 4.750% 03/15/2045 DD 03/15/20	(31,767)	32,865
	GAFISA SA RTS	-	31,068
	CAIRO MEZZ PLC	(3,363)	7,033
	NORFOLK SOUTHERN CORP 144A 3.155% 05/15/2055 DD 05/15/20	(871)	894
	US 2YR NOTE FUTURE (CBT) EXP SEP 20	-	813
	SIEMENS ENERGY AG RTS	-	13
	US 5YR NOTE FUTURE (CBT) EXP SEP 20	-	(391)
	US 5YR NOTE FUTURE (CBT) EXP DEC 20	-	(1,801)
	US 10YR NOTE FUTURE (CBT) EXP DEC 20	-	(124,477)
	US ULTRA BOND (CBT) EXP DEC 20	-	(251,570)
	US 10YR ULTRA FUTURE (CBT) EXP DEC 20	-	(342,830)
	US LONG BOND FUTURE (CBT) EXP SEP 20	-	(484,468)
	US ULTRA BOND (CBT) EXP SEP 20	-	(816,694)
	US 10YR ULTRA FUTURE (CBT) EXP JUN 20	-	(2,346,993)
	US TREAS INFLAT INDEXED BONDS 1.000% 02/15/2049 DD 02/28/19	3,675,638	(3,671,529)
	US TREASURY INFLATION INDEXED 1.000% 02/15/2049 DD 02/15/19	6,392,147	(6,451,282)
	US TREAS INFLAT INDEXED BONDS 1.000% 02/15/2049 DD 02/28/19	8,892,958	(8,412,022)
	US TREAS INFLAT INDEXED BONDS 1.000% 02/15/2049 DD 02/28/19	8,406,044	(8,671,199)
	US TREAS INFLAT INDEXED BONDS 1.000% 02/15/2049 DD 02/15/19	9,129,342	(8,930,725)
	US TREASURY INFLATION INDX BND 1.000% 02/15/2049 DD 02/28/19	9,003,996	(8,956,790)
	US TREASURY INFLATION INDX BND 1.000% 02/15/2049 DD 02/28/19	9,080,539	(9,009,116)
	US TREAS INFLAT INDEXED FWD 1.000% 02/15/2049 DD 02/28/19	8,925,952	(9,085,488)
	US TREAS INFLAT INDEXED BONDS 1.000% 02/15/2049 DD 02/15/19	8,666,030	(9,134,274)
	US TREAS INFLAT INDEXED NOTES 0.500% 04/15/2024 DD 04/30/19	10,126,965	(9,812,080)
	US TREAS INFLAT INDEXED NOTES 0.500% 04/15/2024 DD 04/30/19	10,035,959	(10,116,823)
	US TREAS INFLAT INDEXED NOTES 0.500% 04/15/2024 DD 04/30/19	9,811,359	(10,118,861)
	US TREAS INFLAT INDEXED NOTES 0.500% 04/15/2024 DD 04/30/19	10,115,365	(10,171,694)
	US TREAS INFLAT INDEXED NTFWD 0.500% 04/15/2024 DD 04/15/19	10,168,146	(10,275,152)
	US TREAS INFLAT INDEXED NOTES 0.500% 04/15/2024 DD 04/15/19	10,271,701	(10,374,992)
	US TREAS INFLAT INDEXED FWD 0.500% 04/15/2024 DD 04/15/19	10,500,500	(10,487,075)
	US TREASURY INFLATION INDX BND 0.500% 04/15/2024 DD 04/30/19	10,483,461	(10,499,226)
	US TREAS INFLAT INDEXED NOTES 0.500% 04/15/2024 DD 04/15/19	10,371,537	(10,504,167)
	US TREASURY INFLATION INDX BND 0.500% 04/15/2024 DD 04/30/19	10,495,511	(10,518,318)
	US TREASURY INFLATION INDEXED 0.500% 04/15/2024 DD 04/15/19	10,516,106	(10,618,087)
	US TREAS INFLAT INDEXED BONDS 1.000% 02/15/2049 DD 02/28/19	11,970,722	(11,213,974)
	US TREAS BD FUTURE (CBT) EXP JUN 20	-	(11,377,542)
	US TREAS INFLAT INDEXED BONDS 1.000% 02/15/2049 DD 02/28/19	12,105,710	(12,547,223)
	US TREAS INFLAT INDEXED BONDS 1.000% 02/15/2049 DD 02/28/19	10,649,260	(12,873,743)
Total Assets Acquired and Disposed of Within Year		\$ (223,826,477)	\$ 243,971,036

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 24 Change in Actuarial Assumptions

The following assumptions were updated based on the results of an experience study performed in 2019; rate of compensation increase, termination, retirement, and form of payment.

Plan Name:	American Electric Power System Retirement Plan
EIN / PN:	13-4922641/001
Plan Sponsor:	American Electric Power Service Corporation
Valuation Date	January 1, 2020