

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

2024

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

- A This return/report is for: [ ] a multiemployer plan [ ] a multiple-employer plan (Filers checking this box must provide participating employer information in accordance with the form instructions.) [x] 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. [x]
D Check box if filing under: [x] Form 5558 [ ] automatic extension [ ] the DFVC program [ ] special extension (enter description)
E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. [ ]

Part II Basic Plan Information—enter all requested information

1a Name of plan: AMERICAN ELECTRIC POWER SYSTEM LONG-TERM DISABILITY PLAN
1b Three-digit plan number (PN): 502
1c Effective date of plan: 01/01/1968
2a Plan sponsor's name (employer, if for a single-employer plan): AMERICAN ELECTRIC POWER SERVICE CORPORATION
2b Employer Identification Number (EIN): 13-4922641
2c Plan Sponsor's telephone number: 614-716-1000
2d Business code (see instructions): 221100

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.

Table with 4 columns: SIGN HERE, Signature of plan administrator, Date, Enter name of individual signing as plan administrator. Includes rows for employer/plan sponsor and DFE.

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

Form 5500 (2024) v. 240311

<b>3a</b> Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor	<b>3b</b> Administrator's EIN	
	<b>3c</b> Administrator's telephone number	
<b>4</b> 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: <b>a</b> Sponsor's name <b>c</b> Plan Name	<b>4b</b> EIN	
	<b>4d</b> PN	
<b>5</b> Total number of participants at the beginning of the plan year	<b>5</b>	17422
<b>6</b> Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines <b>6a(1)</b> , <b>6a(2)</b> , <b>6b</b> , <b>6c</b> , and <b>6d</b> ). <b>a(1)</b> Total number of active participants at the beginning of the plan year ..... <b>a(2)</b> Total number of active participants at the end of the plan year ..... <b>b</b> Retired or separated participants receiving benefits..... <b>c</b> Other retired or separated participants entitled to future benefits ..... <b>d</b> Subtotal. Add lines <b>6a(2)</b> , <b>6b</b> , and <b>6c</b> ..... <b>e</b> Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. .... <b>f</b> Total. Add lines <b>6d</b> and <b>6e</b> ..... <b>g(1)</b> Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) ..... <b>g(2)</b> Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) ..... <b>h</b> Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	<b>6a(1)</b>	17128
	<b>6a(2)</b>	15924
	<b>6b</b>	0
	<b>6c</b>	0
	<b>6d</b>	15924
	<b>6e</b>	
	<b>6f</b>	
	<b>6g(1)</b>	
<b>6g(2)</b>		
<b>6h</b>		
<b>7</b> Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item) .....	<b>7</b>	

**8a** If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:

**b** If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:  
4H

<b>9a</b> Plan funding arrangement (check all that apply)	<b>9b</b> Plan benefit arrangement (check all that apply)
(1) <input type="checkbox"/> Insurance	(1) <input type="checkbox"/> Insurance
(2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts	(2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts
(3) <input checked="" type="checkbox"/> Trust	(3) <input checked="" type="checkbox"/> Trust
(4) <input checked="" type="checkbox"/> General assets of the sponsor	(4) <input checked="" type="checkbox"/> 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)

<b>a Pension Schedules</b>		<b>b General Schedules</b>	
(1) <input type="checkbox"/> <b>R</b> (Retirement Plan Information)		(1) <input checked="" type="checkbox"/> <b>H</b> (Financial Information)	
(2) <input type="checkbox"/> <b>MB</b> (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary		(2) <input type="checkbox"/> <b>I</b> (Financial Information – Small Plan)	
(3) <input type="checkbox"/> <b>SB</b> (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary		(3) <input type="checkbox"/> <b>A</b> (Insurance Information) – Number Attached <u>0</u>	
(4) <input type="checkbox"/> <b>DCG</b> (Individual Plan Information) – Number Attached _____		(4) <input checked="" type="checkbox"/> <b>C</b> (Service Provider Information)	
(5) <input type="checkbox"/> <b>MEP</b> (Multiple-Employer Retirement Plan Information)		(5) <input checked="" type="checkbox"/> <b>D</b> (DFE/Participating Plan Information)	
		(6) <input type="checkbox"/> <b>G</b> (Financial Transaction Schedules)	

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

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**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.

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**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 2024 Form M-1 annual report. If the plan was not required to file the 2024 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 \_\_\_\_\_

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<b>SCHEDULE C</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Service Provider Information</b>  This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).  <b>▶ File as an attachment to Form 5500.</b>	<small>OMB No. 1210-0110</small>  <b>2024</b>  <b>This Form is Open to Public Inspection.</b>
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For calendar plan year 2024 or fiscal plan year beginning **01/01/2024** and ending **12/31/2024**

<b>A</b> Name of plan <b>AMERICAN ELECTRIC POWER SYSTEM LONG-TERM DISABILITY PLAN</b>	<b>B</b> Three-digit plan number (PN) ▶	<b>502</b>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <b>AMERICAN ELECTRIC POWER SERVICE CORPORATION</b>	<b>D</b> Employer Identification Number (EIN) <b>13-4922641</b>	

**Part I Service Provider Information (see instructions)**

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

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

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

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

PRUDENTIAL INSURANCE CO OF AMERICA

22-1211670

(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?
12 13 50	NONE KNOWN	766350	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

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

BUSINESSSOLVER

42-1503807

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
13 15 38 50	NONE KNOWN	230245	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

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

BDO USA, P.C.

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	AUDITOR	75758	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

**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)

ALLSUP INC.

300 ALLSUP PLACE  
BELLEVILLE, IL 62223-8626

(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?
49 99	NONE KNOWN	0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	71824	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

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

KAISER CONSULTING

34 GRACE DRIVE  
POWELL, OH 43065

(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 15 16 50	NONE KNOWN	18646	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

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

VENGROFF WILLIAMS, INC.

P.O. BOX 4155  
SARASOTA, FL 34230-4155

(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?
49 99	NONE KNOWN	0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	8171	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

**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
ALLSUP INC.	49 99	71824

(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.
PRUDENTIAL INSURANCE CO OF AMERICA  22-1211670	ADVICE SERVICE ONLY - DISABILITY CLAIMS

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
VENGROFF WILLIAMS, INC.	49 99	8171

(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.
PRUDENTIAL INSURANCE CO OF AMERICA  22-1211670	ADVICE SERVICE ONLY - DISABILITY CLAIMS

(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.

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

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>SCHEDULE D</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>	<b>DFE/Participating Plan Information</b>  This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).  <b>▶ File as an attachment to Form 5500.</b>	OMB No. 1210-0110  <hr/> <b>2024</b>  <b>This Form is Open to Public Inspection.</b>
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

<b>A</b> Name of plan <u>AMERICAN ELECTRIC POWER SYSTEM LONG-TERM DISABILITY PLAN</u>	<b>B</b> Three-digit plan number (PN)	<u>502</u>
<b>C</b> Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>AMERICAN ELECTRIC POWER SERVICE CORPORATION</u>	<b>D</b> Employer Identification Number (EIN) <u>13-4922641</u>	

<b>Part I</b>	<b>Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs)</b> (Complete as many entries as needed to report all interests in DFEs)
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<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: <u>AEP SYSTEM EMPLOYEES' BENEFIT TRUST</u>		
<b>b</b> Name of sponsor of entity listed in (a): <u>AMERICAN ELECTRIC POWER SERVICE CORPORATION</u>		
<b>c</b> EIN-PN <u>51-6024654-517</u>	<b>d</b> Entity code <u>M</u>	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>7764620</u>
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:		
<b>b</b> Name of sponsor of entity listed in (a):		
<b>c</b> EIN-PN	<b>d</b> Entity code	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:		
<b>b</b> Name of sponsor of entity listed in (a):		
<b>c</b> EIN-PN	<b>d</b> Entity code	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:		
<b>b</b> Name of sponsor of entity listed in (a):		
<b>c</b> EIN-PN	<b>d</b> Entity code	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:		
<b>b</b> Name of sponsor of entity listed in (a):		
<b>c</b> EIN-PN	<b>d</b> Entity code	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:		
<b>b</b> Name of sponsor of entity listed in (a):		
<b>c</b> EIN-PN	<b>d</b> Entity code	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:		
<b>b</b> Name of sponsor of entity listed in (a):		
<b>c</b> EIN-PN	<b>d</b> Entity code	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)





<b>SCHEDULE H</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Financial Information</b>  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).  <b>▶ File as an attachment to Form 5500.</b>	<small>OMB No. 1210-0110</small>  <b>2024</b>  <b>This Form is Open to Public Inspection</b>
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For calendar plan year 2024 or fiscal plan year beginning <b>01/01/2024</b> and ending <b>12/31/2024</b>	
<b>A</b> Name of plan <b>AMERICAN ELECTRIC POWER SYSTEM LONG-TERM DISABILITY PLAN</b>	<b>B</b> Three-digit plan number (PN) ▶ <b>502</b>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <b>AMERICAN ELECTRIC POWER SERVICE CORPORATION</b>	<b>D</b> Employer Identification Number (EIN) <b>13-4922641</b>

<b>Part I</b>	<b>Asset and Liability Statement</b>
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**1** Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

<b>Assets</b>	<b>(a) Beginning of Year</b>	<b>(b) End of Year</b>
<b>a</b> Total noninterest-bearing cash .....	<b>1a</b>	
<b>b</b> Receivables (less allowance for doubtful accounts):		
<b>(1)</b> Employer contributions .....	<b>1b(1)</b>	
<b>(2)</b> Participant contributions .....	<b>1b(2)</b>	
<b>(3)</b> Other .....	<b>1b(3)</b>	
<b>c</b> General investments:		
<b>(1)</b> Interest-bearing cash (include money market accounts & certificates of deposit) .....	<b>1c(1)</b>	
<b>(2)</b> U.S. Government securities .....	<b>1c(2)</b>	
<b>(3)</b> Corporate debt instruments (other than employer securities):		
<b>(A)</b> Preferred .....	<b>1c(3)(A)</b>	
<b>(B)</b> All other .....	<b>1c(3)(B)</b>	
<b>(4)</b> Corporate stocks (other than employer securities):		
<b>(A)</b> Preferred .....	<b>1c(4)(A)</b>	
<b>(B)</b> Common .....	<b>1c(4)(B)</b>	
<b>(5)</b> Partnership/joint venture interests .....	<b>1c(5)</b>	
<b>(6)</b> Real estate (other than employer real property) .....	<b>1c(6)</b>	
<b>(7)</b> Loans (other than to participants) .....	<b>1c(7)</b>	
<b>(8)</b> Participant loans .....	<b>1c(8)</b>	
<b>(9)</b> Value of interest in common/collective trusts .....	<b>1c(9)</b>	
<b>(10)</b> Value of interest in pooled separate accounts .....	<b>1c(10)</b>	
<b>(11)</b> Value of interest in master trust investment accounts .....	<b>1c(11)</b>	<b>7764620</b>
<b>(12)</b> Value of interest in 103-12 investment entities .....	<b>1c(12)</b>	
<b>(13)</b> Value of interest in registered investment companies (e.g., mutual funds) .....	<b>1c(13)</b>	
<b>(14)</b> Value of funds held in insurance company general account (unallocated contracts) .....	<b>1c(14)</b>	
<b>(15)</b> Other .....	<b>1c(15)</b>	

<b>1d</b> Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities.....	<b>1d(1)</b>		
(2) Employer real property.....	<b>1d(2)</b>		
<b>e</b> Buildings and other property used in plan operation.....	<b>1e</b>		
<b>f</b> Total assets (add all amounts in lines 1a through 1e).....	<b>1f</b>	5843163	7764620
<b>Liabilities</b>			
<b>g</b> Benefit claims payable.....	<b>1g</b>		
<b>h</b> Operating payables.....	<b>1h</b>		
<b>i</b> Acquisition indebtedness.....	<b>1i</b>		
<b>j</b> Other liabilities.....	<b>1j</b>		
<b>k</b> Total liabilities (add all amounts in lines 1g through 1j).....	<b>1k</b>	0	0
<b>Net Assets</b>			
<b>l</b> Net assets (subtract line 1k from line 1f).....	<b>1l</b>	5843163	7764620

**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.

<b>Income</b>		(a) Amount	(b) Total
<b>a Contributions:</b>			
(1) Received or receivable in cash from: <b>(A)</b> Employers.....	<b>2a(1)(A)</b>	9436692	
<b>(B)</b> Participants.....	<b>2a(1)(B)</b>	950362	
<b>(C)</b> Others (including rollovers).....	<b>2a(1)(C)</b>		
(2) Noncash contributions.....	<b>2a(2)</b>		
(3) Total contributions. Add lines <b>2a(1)(A)</b> , <b>(B)</b> , <b>(C)</b> , and line <b>2a(2)</b> .....	<b>2a(3)</b>		10387054
<b>b Earnings on investments:</b>			
<b>(1) Interest:</b>			
<b>(A)</b> Interest-bearing cash (including money market accounts and certificates of deposit).....	<b>2b(1)(A)</b>		
<b>(B)</b> U.S. Government securities.....	<b>2b(1)(B)</b>		
<b>(C)</b> Corporate debt instruments.....	<b>2b(1)(C)</b>		
<b>(D)</b> Loans (other than to participants).....	<b>2b(1)(D)</b>		
<b>(E)</b> Participant loans.....	<b>2b(1)(E)</b>		
<b>(F)</b> Other.....	<b>2b(1)(F)</b>		
<b>(G)</b> Total interest. Add lines <b>2b(1)(A)</b> through <b>(F)</b> .....	<b>2b(1)(G)</b>		0
<b>(2) Dividends:</b>			
<b>(A)</b> Preferred stock.....	<b>2b(2)(A)</b>		
<b>(B)</b> Common stock.....	<b>2b(2)(B)</b>		
<b>(C)</b> Registered investment company shares (e.g. mutual funds).....	<b>2b(2)(C)</b>		
<b>(D)</b> Total dividends. Add lines <b>2b(2)(A)</b> , <b>(B)</b> , and <b>(C)</b> .....	<b>2b(2)(D)</b>		0
<b>(3)</b> Rents.....	<b>2b(3)</b>		
<b>(4) Net gain (loss) on sale of assets:</b>			
<b>(A)</b> Aggregate proceeds.....	<b>2b(4)(A)</b>		
<b>(B)</b> Aggregate carrying amount (see instructions).....	<b>2b(4)(B)</b>		
<b>(C)</b> Subtract line <b>2b(4)(B)</b> from line <b>2b(4)(A)</b> and enter result.....	<b>2b(4)(C)</b>		
<b>(5) Unrealized appreciation (depreciation) of assets:</b>			
<b>(A)</b> Real estate.....	<b>2b(5)(A)</b>		
<b>(B)</b> Other.....	<b>2b(5)(B)</b>		
<b>(C)</b> Total unrealized appreciation of assets. Add lines <b>2b(5)(A)</b> and <b>(B)</b> .....	<b>2b(5)(C)</b>		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts .....	<b>2b(6)</b>		
(7) Net investment gain (loss) from pooled separate accounts .....	<b>2b(7)</b>		
(8) Net investment gain (loss) from master trust investment accounts .....	<b>2b(8)</b>		487876
(9) Net investment gain (loss) from 103-12 investment entities .....	<b>2b(9)</b>		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds) .....	<b>2b(10)</b>		
<b>c</b> Other income .....	<b>2c</b>		
<b>d</b> Total income. Add all <b>income</b> amounts in column (b) and enter total .....	<b>2d</b>		10874930

**Expenses**

<b>e</b> Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers .....	<b>2e(1)</b>	7860151	
(2) To insurance carriers for the provision of benefits .....	<b>2e(2)</b>		
(3) Other .....	<b>2e(3)</b>		
(4) Total benefit payments. Add lines <b>2e(1)</b> through <b>(3)</b> .....	<b>2e(4)</b>		7860151
<b>f</b> Corrective distributions (see instructions) .....	<b>2f</b>		
<b>g</b> Certain deemed distributions of participant loans (see instructions) .....	<b>2g</b>		
<b>h</b> Interest expense .....	<b>2h</b>		
<b>i</b> Administrative expenses:			
(1) Salaries and allowances .....	<b>2i(1)</b>		
(2) Contract administrator fees .....	<b>2i(2)</b>	766350	
(3) Recordkeeping fees .....	<b>2i(3)</b>	230245	
(4) IQPA audit fees .....	<b>2i(4)</b>	94404	
(5) Investment advisory and investment management fees .....	<b>2i(5)</b>	2323	
(6) Bank or trust company trustee/custodial fees .....	<b>2i(6)</b>		
(7) Actuarial fees .....	<b>2i(7)</b>		
(8) Legal fees .....	<b>2i(8)</b>		
(9) Valuation/appraisal fees .....	<b>2i(9)</b>		
(10) Other trustee fees and expenses .....	<b>2i(10)</b>		
(11) Other expenses .....	<b>2i(11)</b>		
(12) Total administrative expenses. Add lines <b>2i(1)</b> through <b>(11)</b> .....	<b>2i(12)</b>		1093322
<b>j</b> Total expenses. Add all <b>expense</b> amounts in column (b) and enter total .....	<b>2j</b>		8953473

**Net Income and Reconciliation**

<b>k</b> Net income (loss). Subtract line <b>2j</b> from line <b>2d</b> .....	<b>2k</b>		1921457
<b>l</b> Transfers of assets:			
(1) To this plan .....	<b>2l(1)</b>		
(2) From this plan .....	<b>2l(2)</b>		

**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, P.C.**

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

**d** The opinion of an independent qualified public accountant is **not attached** as part of Schedule H because:

(1)  This form is filed for a CCT, PSA, DCG 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. DCGs do not complete lines 4e, 4f, 4k, 4l, and 5, and DCGs generally complete the rest of Part IV collectively for all plans in the DCG, except as otherwise provided (see instructions).

During the plan year:

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

**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.)

<b>5b(1)</b> Name of plan(s)	<b>5b(2)</b> EIN(s)	<b>5b(3)</b> 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 \_\_\_\_\_.

# American Electric Power System Long-Term Disability Plan

Financial Statements (Modified Cash Basis)  
As of December 31, 2024 and 2023 and  
for the Year Ended December 31, 2024

# **American Electric Power System Long-Term Disability Plan**

Financial Statements (Modified Cash Basis)

As of December 31, 2024 and 2023 and for the Year Ended December 31, 2024

# American Electric Power System Long-Term Disability Plan

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Note: All 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 of 1974 have been omitted because they are not applicable.



## Independent Auditor's Report

The Plan Administrator  
American Electric Power System Long-Term Disability Plan  
Columbus, Ohio

### *Scope and Nature of the ERISA Section 103(a)(3)(C) Audit*

We have performed audits of the financial statements of American Electric Power System Long-Term Disability 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 (modified cash basis) as of December 31, 2024 and 2023, and the related statement of changes in net assets available for benefits (modified cash basis) for the year ended December 31, 2024, and the related notes to the financial statements (modified cash basis).

Management, having determined it is permissible in the circumstances, has elected to have the audits of the Plan's 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 audits 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 certifications from a qualified institution as of December 31, 2024 and 2023, and for the year ended December 31, 2024, stating that the certified investment information, as described in Note 7 to the financial statements, is complete and accurate.

### *Opinion*

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

- The amounts and disclosures in the accompanying financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with the modified cash basis of accounting described in Note 2.
- The certified investment information in the accompanying financial statements agrees 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***

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the 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 audits. 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.

### ***Emphasis of Matter – Basis of Accounting***

We draw attention to Note 2 to the financial statements, which describes the basis of accounting. The financial statements are prepared on the modified cash basis of accounting, which is a basis of accounting other than accounting principles generally accepted in the United States of America. Our opinion is not modified with respect to this matter.

### ***Responsibilities of Management for the Financial Statements***

Management is responsible for the preparation and fair presentation of the financial statements in accordance with the modified cash basis of accounting, and for determining that the modified cash basis of accounting is an acceptable basis for the preparation of the financial statements in the circumstances. Management is also responsible 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.

Management is also 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 Financial Statements***

Except as described in the *Scope and Nature of the ERISA Section 103(a)(3)(C) Audit* section of our report, our objectives are to obtain reasonable assurance about whether the 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 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 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 audits did not extend to the certified investment information, except for obtaining and reading the certifications, comparing the certified investment information with the related information presented and disclosed in the 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 the modified cash basis of accounting.

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

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.

*BDO USA, P.C.*

October 8, 2025

# American Electric Power System Long-Term Disability Plan

## Statements of Net Assets Available for Benefits (Modified Cash Basis)

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<i>December 31,</i>	<b>2024</b>	<b>2023</b>
<b>Assets</b>		
Investments, at fair value:		
Plan's interest in Master Trust - American Electric Power System Employees' Benefit Trust	\$ 7,764,620	\$ 5,843,163
<b>Net Assets Available for Benefits</b>	<b>\$ 7,764,620</b>	<b>\$ 5,843,163</b>

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*See accompanying notes to financial statements.*

# American Electric Power System Long-Term Disability Plan

## Statement of Changes in Net Assets Available for Benefits (Modified Cash Basis)

*Year ended December 31, 2024*

### **Additions**

Plan's interest in investment income of Master Trust - American Electric Power System Employees' Benefit Trust	\$ 487,876
Contributions:	
Employer	9,436,692
Participant	950,362
<b>Total Contributions</b>	<b>10,387,054</b>
<b>Total Additions</b>	<b>10,874,930</b>
<b>Deductions</b>	
Claim payments	7,860,151
Administrative expenses:	
Professional fees	94,404
Claims Administrator fees	766,350
Other administrative fees	232,568
<b>Total Administrative Expenses</b>	<b>1,093,322</b>
<b>Total Deductions</b>	<b>8,953,473</b>
<b>Net Increase</b>	<b>1,921,457</b>
<b>Net Assets Available for Benefits, beginning of year</b>	<b>5,843,163</b>
<b>Net Assets Available for Benefits, end of year</b>	<b>\$ 7,764,620</b>

*See accompanying notes to financial statements.*

# American Electric Power System Long-Term Disability Plan

## Notes to Financial Statements (Modified Cash Basis)

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### 1. Plan Description

The following description of the American Electric Power System Long-Term Disability Plan (the Long-Term Disability Plan or the Plan) is provided for general information purposes only. Participants should refer to the Plan document and other related documents for more complete information.

#### *General*

The Plan was established to provide long-term disability benefits for eligible employees of participating subsidiaries of American Electric Power Company Inc. (the Company). American Electric Power Service Corporation (AEPSC or the Plan Administrator) is the named administrator of the Plan. Eligible employees are entitled to Plan benefits once they establish that they have been disabled for 1,040 hours of regularly scheduled work. Plan benefits will generally not extend past age 65, unless the disability begins after the participant has reached age 62.

AEPSC maintains the American Electric Power System Employees' Benefit Trust (the Master Trust or the Trust), an Internal Revenue Code (IRC) 501(c)(9) voluntary employees' beneficiary association, to hold funds contributed by the Company and the Plan's participants to the Plan for long-term disability coverage, as well as to other plans (see Note 3).

The Trust may be amended or terminated at any time by AEPSC. In the event of termination, the assets of the Trust shall be allocated and disbursed pursuant to the terms of the Trust (see Note 5).

The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

#### *Plan Administration*

The Plan is self-insured. To the extent the Plan's assets are insufficient to fund benefit payments that become due under the Plan, or to the extent that an individual's benefits would exceed the limit that can be provided through the Master Trust, the benefit payments would be paid out of the general assets of the Company, either by a direct payment to the beneficiary or, as appropriate, by a contribution to fund the benefit payments.

#### *Claims Administration*

The Prudential Insurance Company of America (Prudential or Claims Administrator) is responsible for the administration of benefit claims, reviews, and appeals. Fees paid to the Claims Administrator appear as Claims Administrator fees in the statement of changes in net assets available for benefits (modified cash basis).

The Claims Administrator, which processes and pays the claims, invoices the Plan for approved benefit claims based on the provisions of the Plan. Claim payments are recorded when paid to the Claims Administrator.

#### *Asset Administration*

The assets of the Trust are maintained and administered by The Bank of New York Mellon/BNY Mellon, N.A. (the Trustee). The Trustee is responsible for custody of the assets maintained in the Trust. Fees charged by the Trustee are paid from the Trust and are included in professional fees on

# American Electric Power System Long-Term Disability Plan

## Notes to Financial Statements (Modified Cash Basis)

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the statement of changes in net assets available for benefits (modified cash basis) when paid. Fees of \$2,323 were paid to the Trustee during the Plan year ended December 31, 2024.

The Plan Administrator has delegated supervision of the investment of the Plan assets 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 and investments in the Master Trust.

### ***Eligibility and Participant Contributions***

All full-time, active employees on the payroll of the participating subsidiaries of the Company are eligible to participate in the Plan on their first day of active employment. Active participants have the option to make a monthly contribution for enhanced coverage (benefits of up to 70% of eligible pay, rather than the base benefit providing up to 60% of eligible pay). Such contributions are made by payroll deduction on a pre-tax basis. Contribution rates are determined annually by the Company, based on actuarial guidance and other factors. The Company is responsible for collecting employee contributions through payroll deductions and transmitting the contributions to the Trustee.

### ***Company Contributions***

The Plan has no legal mandate requiring it to be prefunded by the Company. The Company is the obligor for providing the benefits offered by the Plan to its eligible employees. The Company may use Plan assets, as well as its own general funds, to pay Plan benefits and reasonable administrative expenses. The Company's contributions to the Trust are transmitted to the Trustee monthly, based on the estimated annual benefits and administrative expenses to be paid. Plan assets (including any amount contributed by the Company or the participants) may be used only for the payment of Plan benefits and reasonable administrative expenses. Any deficiency of the Plan's net assets over benefit obligations is funded by the Company on a pay-as-you-go basis.

## **2. Summary of Accounting Policies**

### ***Basis of Accounting***

The accompanying financial statements have been prepared on the modified cash basis of accounting, which is a comprehensive basis of accounting other than accounting principles generally accepted in the United States of America. Under the modified cash basis of accounting, contributions are recorded when received, rather than when earned, and expenses are recorded when paid, rather than when the obligation is incurred.

### ***Investment Valuation and Income Recognition***

Investments in the Plan's interest in the Master Trust are reported at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Purchases and sales of investments are recorded on a settlement-date basis. Interest and dividend income are recorded when received.

The Plan's interest in investment income of the Master Trust (see Note 3) on the accompanying statement of changes in net assets available for benefits (modified cash basis) includes both investment income (loss) and appreciation (depreciation) allocated from the Master Trust. The allocated Plan's interest in investment income of the Master Trust consists of interest, dividends,

# American Electric Power System Long-Term Disability Plan

## Notes to Financial Statements (Modified Cash Basis)

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and realized gains (losses), as well as the unrealized appreciation (depreciation) on investments held, less investment expenses.

### *Payment of Benefits*

Claim payments are recorded when paid to the third-party claim processor.

### *Plan Obligations*

A postemployment benefit obligation has been recognized for income continuation benefits for individuals currently on long-term disability, as well as those currently on short-term disability who may qualify for long-term disability income benefits after the measurement date. This benefit obligation represents the actuarial present value of the cost of those estimated future benefits that are attributed by the terms of the Plan to employee service rendered to the date of the financial statements. The obligations represent the amounts that are expected to be funded by contributions from the Company and from existing assets of the Plan.

The actuarial present value of the estimated future income continuation benefits payable under the Plan is determined by estimating individual participant benefit amounts for each future year and adjusting such estimates for the time value of money (through discounts for interest) and the probability of payment (by means of decrements, such as termination from disabled status) between the valuation date and the expected date of payment.

The following are other significant assumptions used in the valuation:

<i>December 31,</i>	<b>2024</b>	<b>2023</b>
Actuarial cost method	<b>Projected Unit Credit</b>	Projected Unit Credit
Assumed discount rate	<b>5.80%</b>	5.65%
Disability termination	<b>2012 GLTD table reflecting six-month elimination period, with margin removed, with duration-based adjustments to recovery rates to reflect findings from the 2019 GLTD Experience.</b>	2012 GLTD table reflecting six-month elimination period, with margin removed, with duration-based adjustments to recovery rates to reflect findings from the 2019 GLTD Experience.

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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 any remaining postemployment benefit obligations.

# American Electric Power System Long-Term Disability Plan

## Notes to Financial Statements (Modified Cash Basis)

Postemployment benefit obligations, including incurred but not reported claims, were \$26,906,684 and \$27,239,649 at December 31, 2024 and 2023, respectively. Incurred but not reported claims totaled \$4,447,000 and \$4,692,000 at December 31, 2024 and 2023, respectively. The change in postemployment benefit obligations for long-term disabled income continuation benefits is due to the following activity:

<b>Balance, December 31, 2023</b>	<b>\$ 27,239,649</b>
Increase (decrease) in postemployment benefit obligations during the year attributable to:	
Claims paid	(8,856,746)
Interest cost	1,292,275
Changes in actuarial assumptions	(105,015)
Other actuarial losses	7,336,521
<b>Balance, December 31, 2024</b>	<b>\$ 26,906,684</b>

### ***Administrative Expenses***

Various administrative costs are paid by the Company. Expenses incurred in the administration of the Plan are recorded when paid by the Plan. Administrative expenses include professional fees and benefit administration fees.

### ***Risks and Uncertainties***

The Plan's benefit obligations 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. Due to the level of risk associated with these investments, 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.

### ***Use of Estimates***

The preparation of the financial statements on the modified cash basis of accounting requires, in certain instances, the use of estimates and assumptions that affect the reported amounts of assets, liabilities, benefit obligations, and changes therein along with the disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

### ***Fair Value Measurements***

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). Where observable inputs are available for substantially the full term of the asset or liability, the instrument is categorized in Level 2. When quoted market prices are not available, pricing may be

# American Electric Power System Long-Term Disability Plan

## Notes to Financial Statements (Modified Cash Basis)

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completed using comparable securities, dealer values, operating data, and general market conditions to determine fair value.

The Plan utilizes the Trustee's external pricing services to determine the fair value of the underlying investments held in the Master Trust. The Plan's investment managers review and validate the prices utilized by the Trustee to determine fair value. The Plan Administrator performs 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 Master Trust are classified using the following methods. Investments are classified as Level 1 holdings if they are actively traded on exchanges. Items classified as Level 1 may include investments in registered investment companies and 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 individual fixed-income securities, certificates of deposits, commercial paper, and repurchase agreements. Fixed-income securities do not trade on an exchange and do not have an official closing price, but their valuation inputs are based on observable market data. Pricing vendors calculate bond valuations using financial models and matrices. The models use observable inputs, including yields on benchmark securities; quotes by securities brokers; rating agency actions; discounts or 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. Certificates of deposit are valued at cost plus accrued interest. Commercial paper is valued at the principal amount with a fixed interest rate. Repurchase agreements that are observable are also classified as Level 2 investments. Repurchase agreements are market priced by the fund manager using quoted prices for similar agreements in active markets. Investments with unobservable valuation inputs, if any, are classified as Level 3 investments.

### ***Subsequent Events***

Management reviewed subsequent events through October 8, 2025, the date that the financial statements were available to be issued.

### **3. Interest in Master Trust**

Investments of the Plan, the American Electric Power System Comprehensive Medical Plan (the Comprehensive Medical Plan), and the American Electric Power System Life and Accident Insurance Plan (the Life and Accident Insurance Plan) are invested collectively in the Master Trust. The assets are commingled in the Master Trust. The fair value of each individual plan's undivided interest in the Master Trust is based on the beginning-of-the-year value of each individual plan's undivided interests in the Trust, plus actual contributions and allocated investment income (loss), less actual distributions, direct expenses, and allocated administrative expenses. The Master Trust's investments are stated at fair value. Investment income (loss) and administrative expenses related to the Master Trust are allocated to the individual plans based on the individual plan's daily net assets to total Master Trust net assets.

# American Electric Power System Long-Term Disability Plan

## Notes to Financial Statements (Modified Cash Basis)

The following tables present the fair values of the Master Trust's net assets and the Plan's interest in each:

### *December 31, 2024*

	Master Trust Balance	Plan's Interest in Master Trust Balances
Investments:		
Commercial paper	\$ 5,544,864	\$ 3,074,123
Fixed income - corporate obligation	5,301,664	2,939,290
Fixed income - U.S. government	2,403,840	1,332,710
Repurchase agreements	544,197	301,708
<b>Total Master Trust Investments</b>	<b>13,794,565</b>	<b>7,647,831</b>
Other receivables	210,655	116,789
<b>Total Master Trust Net Assets</b>	<b>\$ 14,005,220</b>	<b>\$ 7,764,620</b>

### *December 31, 2023*

	Master Trust Balance	Plan's Interest in Master Trust Balances
Investments:		
Commercial paper	\$ 23,158,902	\$ 3,476,792
Fixed income - corporate obligation	6,172,927	926,727
Fixed income - U.S. government	8,554,784	1,284,310
Repurchase agreements	520,252	78,104
<b>Total Master Trust Investments</b>	<b>38,406,865</b>	<b>5,765,933</b>
Other receivables	514,428	77,230
<b>Total Master Trust Net Assets</b>	<b>\$ 38,921,293</b>	<b>\$ 5,843,163</b>

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# American Electric Power System Long-Term Disability Plan

## Notes to Financial Statements (Modified Cash Basis)

The following tables set forth the Master Trust's financial assets that were accounted for at fair value on a recurring basis. As required by the accounting guidance for fair value measurements and disclosures, financial assets are classified in their entirety based on the lowest level of input that is significant to the fair value measurement. The Company's assessment of the significance of a particular input to the fair value measurement requires judgment and may affect the valuation of fair value assets and their placement within the fair value hierarchy levels. There have not been any significant changes in the valuation techniques. For a discussion of fair value accounting and the classification of assets within the fair value hierarchy, see Note 2.

### *December 31, 2024*

	Level 1	Level 2	Level 3	Total
Commercial paper	\$ -	\$ 5,544,864	\$ -	\$ 5,544,864
Fixed income - corporate obligation	-	5,301,664	-	5,301,664
Fixed income - U.S. government	-	2,403,840	-	2,403,840
Repurchase agreements	-	544,197	-	544,197
<b>Total Master Trust Investments</b>	<b>\$ -</b>	<b>\$ 13,794,565</b>	<b>\$ -</b>	<b>\$ 13,794,565</b>

### *December 31, 2023*

	Level 1	Level 2	Level 3	Total
Commercial paper	\$ -	\$ 23,158,902	\$ -	\$ 23,158,902
Fixed income - corporate obligation	-	6,172,927	-	6,172,927
Fixed income - U.S. government	-	8,554,784	-	8,554,784
Repurchase agreements	-	520,252	-	520,252
<b>Total Master Trust Investments</b>	<b>\$ -</b>	<b>\$ 38,406,865</b>	<b>\$ -</b>	<b>\$ 38,406,865</b>

The availability of observable market data is monitored to assess the appropriate classification of financial instruments within the fair value hierarchy. Changes in economic conditions or model-based valuation techniques may require the transfer of financial instruments from one fair value level to another. In such instances, the transfer is reported at the beginning of the reporting period.

Investment income for the Master Trust is as follows:

### *Year ended December 31, 2024*

Investment income (loss):	
Net depreciation in fair value of investments	\$ (41,337)
Interest income	1,505,726
<b>Total Investment Income</b>	<b>1,464,389</b>
Investment expense	(45,686)
<b>Net Investment Income in the Master Trust</b>	<b>\$ 1,418,703</b>

# American Electric Power System Long-Term Disability Plan

## Notes to Financial Statements (Modified Cash Basis)

Each participating plan's ownership in the Master Trust is listed below:

<i>December 31,</i>	2024 (%)	2023 (%)
Long-Term Disability Plan	55.44	15.01
Comprehensive Medical Plan	42.82	84.42
Life and Accident Insurance Plan	1.74	0.57
<b>Total Trust Ownership</b>	<b>100.00</b>	<b>100.00</b>

### 4. Related Party and Party-in-Interest Transactions

Certain transactions involving the Plan and its assets involved parties-in-interest with respect to the Plan, but those transactions were not prohibited transactions under ERISA because of the applicability of one or more exemptions. The exempt party-in-interest transactions involving the Plan included the payment of reasonable fees to persons who were providing services to the Plan, including professional services, claims administration, and other administrative services, which are included in the statement of changes of net assets available for benefits (modified cash basis).

### 5. Plan Termination

Although it has not taken steps to do so, the Company has the right under the Plan to amend and terminate the Plan subject to the provisions set forth in ERISA. In the event of termination of the Plan, the Company will be liable for the payment of the amounts necessary to cover its share of unfunded benefits incurred to the date of the Plan termination.

### 6. Federal Income Taxes

The Internal Revenue Service issued a determination letter, dated July 27, 1994, regarding the Trust. The Trust has been amended since receiving its determination letter. However, the Plan Administrator believes that the Plan and the Trust are designed and being operated in compliance with the applicable requirements pursuant to Section 501(c)(9) of the IRC. Therefore, the Plan Administrator believes that the Trust remains tax-exempt as of December 31, 2024.

The Trust may incur Unrelated Business Income Tax depending on a number of factors, including whether the Trust (a) holds assets in excess of applicable limits, (b) realizes non-exempt debt-financed income, or (c) realizes or is allocated unrelated business income through its investments. The Trust has not incurred Unrelated Business Income Tax in the current or past years.

Accounting principles generally accepted in the United States of America require Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if it has taken an uncertain position that more likely than not would not be sustained upon examination by the Internal Revenue Service and state authorities. The Trust may be subject to audits by these taxing jurisdictions. There are currently no audits for any tax periods in progress.

# American Electric Power System Long-Term Disability Plan

## Notes to Financial Statements (Modified Cash Basis)

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### 7. Certified Investment Information

Certain information disclosed in the accompanying financial statements (modified cash basis) related to the Plan's interest in Master Trust held at December 31, 2024 and 2023, and the Plan's interest in investment income of Master Trust for the year ended December 31, 2024, was obtained by management and agreed to or derived from information certified as complete and accurate by The Bank of New York Mellon/BNY Mellon, N.A., a qualified institution.