

American Electric Power

Excess Benefit Plan

Actuarial Valuation Report
Benefit Cost for Fiscal Year Beginning
January 1, 2016 under US GAAP

April 2016

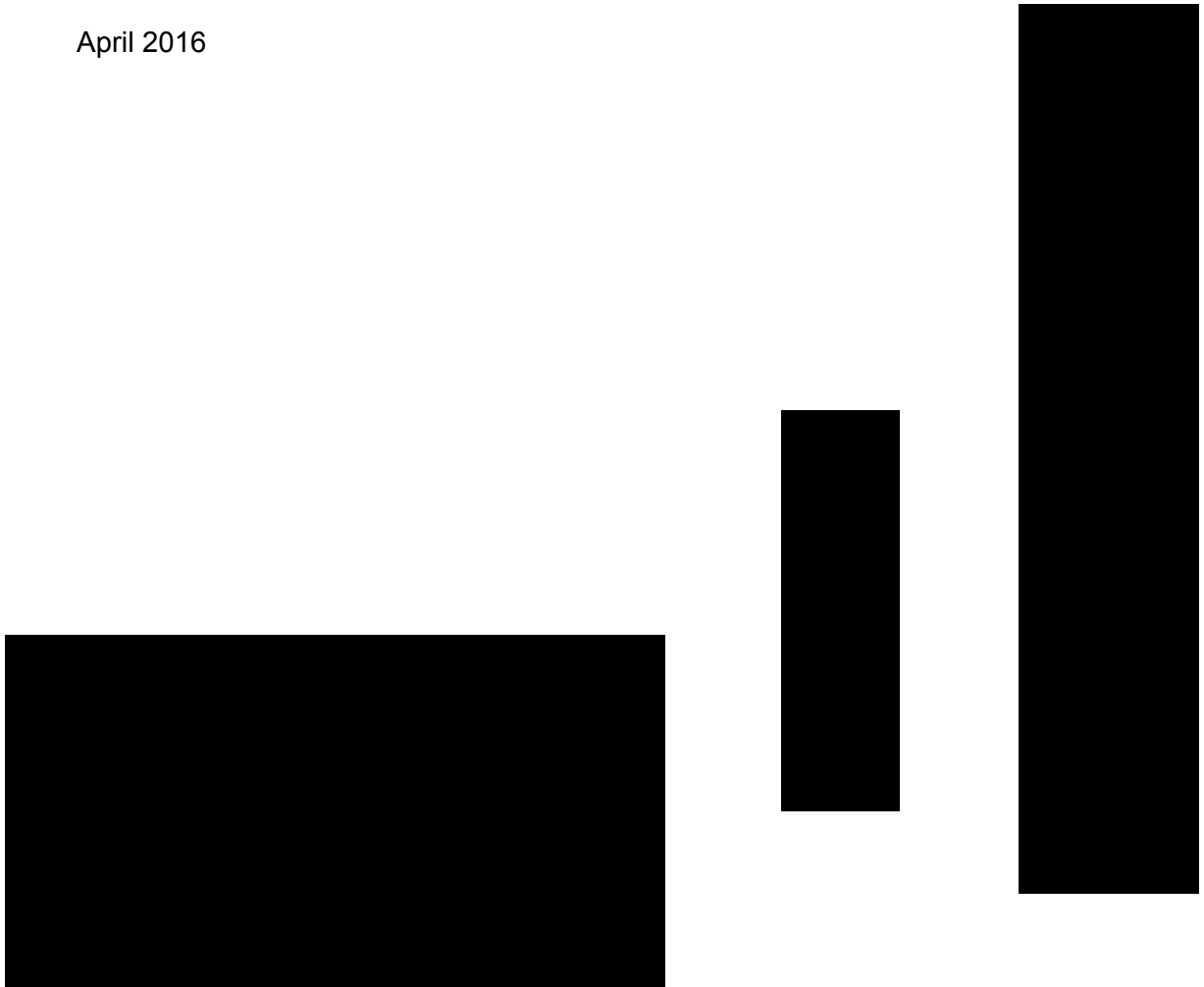


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Purposes of valuation

American Electric Power engaged Towers Watson Delaware Inc., a subsidiary of Willis Towers Watson PLC ("Willis Towers Watson") to value the Company's pension plan.

As requested by American Electric Power (the Company or AEP), this report documents the results of an actuarial valuation of the American Electric Power Excess Benefit Plan (the Plan) as of January 1, 2016.

The primary purpose of this valuation is to determine the Net Periodic Benefit Cost/(Income) (Benefit Cost), in accordance with FASB Accounting Standards Codification Topic 715 (ASC 715) for the fiscal year beginning January 1, 2016. It is anticipated that a separate report will be prepared for year-end financial reporting purposes.

Limitations

This valuation has been conducted for the purposes described above and may not be suitable for any other purpose. In particular, please note the following:

1. There may be certain events that have occurred since the valuation date that are not reflected in the current valuation. See Subsequent Events in the Basis for Valuation section below for more information.

Section 1: Summary of key results

Benefit cost, assets & obligations

All monetary amounts shown in US Dollars

| Fiscal Year Beginning | | 01/01/2016 | 01/01/2015 |
|--|--|--------------------------------------|--------------------------------------|
| Benefit Cost/ (Income) | Net Periodic Benefit Cost/(Income) | 5,798,047 | 6,836,760 |
| | Immediate Recognition of Benefit Cost/(Income) due to Special Events | 0 | 0 |
| | Total Benefit Cost/(Income) | 5,798,047 | 6,836,760 |
| Measurement Date | | 01/01/2016 | 01/01/2015 |
| Plan Assets | Fair Value of Assets (FVA) | 0 | 0 |
| | Market Related Value of Assets (MRVA) | 0 | 0 |
| | Return on Fair Value Assets during Prior Year | N/A | N/A |
| Benefit Obligations | Accumulated Benefit Obligation (ABO) | (71,109,773) | (80,521,547) |
| | Projected Benefit Obligation (PBO) | (74,644,813) | (84,042,744) |
| Funded Ratios | Fair Value of Assets to ABO | 0.0% | 0.0% |
| | Fair Value of Assets to PBO | 0.0% | 0.0% |
| Accumulated Other Comprehensive (Income)/Loss | Net Prior Service Cost/(Credit) | 85,473 | 144,318 |
| | Net Loss/(Gain) | 30,862,752 | 41,661,401 |
| | Total Accumulated Other Comprehensive (Income)/Loss | 30,948,225 | 41,805,719 |
| Assumptions | Discount Rate | 4.05% | 3.90% |
| | Expected Long-term Rate of Return on Plan Assets | N/A | N/A |
| | Rate of Compensation Increase | Rates vary by age from 3.5% to 12.0% | Rates vary by age from 3.5% to 12.0% |
| Participant Data | Census Date | 01/01/2016 | 01/01/2015 |

Comments on results

The net periodic cost declined from \$6,836,760 in fiscal 2015 to \$5,798,047 in fiscal 2016.

All monetary amounts shown in US Dollars

| | Net Periodic Cost |
|---|-------------------|
| Prior year | 6.8 |
| Change due to: | |
| ▶ Expected based on prior valuation and contributions during prior year | (0.2) |
| ▶ Unexpected noninvestment experience | (0.5) |
| ▶ Unexpected investment experience | 0 |
| ▶ Assumption changes | (0.3) |
| ▶ Plan amendments | 0 |
| ▶ Settlements, curtailments, termination benefits | 0 |
| ▶ Acquisitions | 0 |
| ▶ Method changes | 0 |
| <u>Current year</u> | <u>5.8</u> |

Significant reasons for these changes include the following:

- The discount rate increased 15 basis points compared to the prior year, which increased the pension cost.
- Demographic experience was more favorable than expected which decreased the pension cost.
- The form of payment assumption was changed to 100% lump sums, which decreased the pension cost.
- The lump sum conversion rate was changed from 5.00% to 4.50%, which decreased the pension cost.

Basis for valuation

Appendix A summarizes the assumptions and methods used in the valuation. Appendix B summarizes our understanding of the principal provisions of the plan being valued. Unless otherwise described below under Subsequent Events, assumptions were selected based on information known as of the measurement date.

Changes in assumptions

The discount rate increased from 3.90% to 4.05%.

The form of payment assumption was updated to 100% lump sums.

The lump sum conversion rate decreased from 5.00% to 4.50%.

The mortality used to convert to 417(e) based forms of payment was updated for an additional year of mortality improvements.

Changes in methods or estimation techniques

None.

Changes in benefits valued

None.

Subsequent events

None.

Actuarial certification

This valuation has been conducted in accordance with generally accepted actuarial principles and practices. However, please note the information discussed below regarding this valuation.

Reliances

In preparing the results presented in this report, we have relied upon information regarding plan provisions, participants, assets, and sponsor accounting policies and methods provided to us orally and in writing by AEP and other persons or organizations designated by AEP. We have relied on all the data and information provided as complete and accurate. We have not independently verified the accuracy or completeness of the data or information provided, but we have performed limited checks for consistency. Based on discussions with and concurrence by the plan sponsor, assumptions or estimates may have been made if data were not available. We are not aware of any errors or omissions in the data that would have a significant effect on the results of our calculations. The results presented in this report are directly dependent upon the accuracy and completeness of the underlying data and information. Any material inaccuracy in the data, assets, plan provisions or other information provided to us may have produced results that are not suitable for the purposes of this report and such inaccuracies, as corrected by the Company, may produce materially different results that could require that a revised report be issued.

Measurement of benefit obligations, plan assets and balance sheet adjustments

Census date/measurement date

The measurement date is January 1, 2016. The benefit obligations were measured as of January 1, 2016 and are based on participant data as of the census date, January 1, 2016.

Plan assets and balance sheet adjustments

Willis Towers Watson used information supplied by the Company regarding amounts recognized in accumulated other comprehensive income as of December 31, 2015. This data was reviewed for reasonableness and consistency, but no audit was performed.

Accumulated other comprehensive (income)/loss amounts shown in the report are shown prior to adjustment for tax effects. Any tax effects in AOCI should be determined in consultation with the Company's tax advisors and auditors.

Assumptions and methods under U.S. GAAP

As required by U.S. GAAP, the actuarial assumptions and methods employed in the development of the pension cost and other financial reporting have been selected by the Company. Willis Towers Watson has concurred with these assumptions and methods. ASC 715-30-35 requires that each significant assumption "individually represent the best estimate of a particular future event."

The results shown in this report have been developed based on actuarial assumptions that, to the extent evaluated by Willis Towers Watson, we consider to be reasonable. Other actuarial assumptions could also be considered to be reasonable. Thus, reasonable results differing from those presented in this report could have been developed by selecting different reasonable assumptions.

A summary of the assumptions and methods used is provided in Appendix A. Note that any subsequent changes in methods or assumptions for the January 1, 2016 measurement date will change the results shown in this report.

Nature of actuarial calculations

The results shown in this report are estimates based on data that may be imperfect and on assumptions about future events that cannot be predicted with any certainty. The effects of certain plan provisions may be approximated, or determined to be insignificant and therefore not valued. Reasonable efforts were made in preparing this valuation to confirm that items that are significant in the context of the actuarial liabilities or costs are treated appropriately, and are not excluded or included inappropriately. Any rounding (or lack thereof) used for displaying numbers in this report is not intended to imply a degree of precision, which is not a characteristic of actuarial calculations.

If overall future plan experience produces higher benefit payments than assumed, the relative level of plan costs reported in this valuation will likely increase in future valuations (and vice versa). Future actuarial measurements may differ significantly from the current measurements presented in this report due to many factors, including: plan experience differing from that anticipated by the economic or demographic assumptions, changes in economic or demographic assumptions, increases or decreases expected as part of the natural operation of the methodology used for the measurements (such as the end of an amortization period), and changes in plan provisions or applicable law. Due to the limited scope of our assignment, we did not perform an analysis of the potential range of such future measurements.

See Basis for Valuation in Section 1 above for a discussion of any material events that have occurred after the valuation date that are not reflected in this valuation.

Limitations on use

This report is provided subject to the terms set out herein and in our mater consulting services agreement letter dated July 29, 2004 and any accompanying or referenced terms and conditions.

The information contained in this report was prepared for the internal use of the Company and its auditors in connection with our actuarial valuation of the pension plan as described in Purposes of Valuation above. It is not intended for and may not be used for other purposes, and we accept no responsibility or liability in this regard. The Company may distribute this actuarial valuation report to the appropriate authorities who have the legal right to require the Company to provide them this report, in which case the Company will use best efforts to notify Willis Towers Watson in advance of this distribution. Further distribution to, or use by, other parties of all or part of this report is expressly prohibited without Willis Towers Watson's prior written consent. Willis Towers Watson accepts no responsibility for any consequences arising from any other party relying on this report or any advice relating to its contents.

Professional qualifications

The undersigned consulting actuaries are members of the Society of Actuaries and meet the "Qualification Standards for Actuaries Issuing Statements of Actuarial Opinion in the United States" relating to pension plans. Our objectivity is not impaired by any relationship between the plan sponsor and our employer, Towers Watson Delaware Inc., a subsidiary of Willis Towers Watson PLC ("Willis Towers Watson").



Joseph A. Perko, FSA, EA, MAAA
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Consulting Actuary – Valuation Actuary

<http://natct.internal.towerswatson.com/clients/604598/AEP2016Valuations/Documents/2016 SERP Expense Report.docx>

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Section 2: Accounting exhibits

2.1 Balance sheet asset/(liability)

All monetary amounts shown in US Dollars

| Measurement Date | 01/01/2016 | 01/01/2015 |
|---|--------------------------------------|--------------------------------------|
| A Development of Balance Sheet Asset/(Liability)¹ | | |
| 1 Projected benefit obligation (PBO) ² | (74,644,813) | (84,042,744) |
| 2 Fair value of assets (FVA) | 0 | 0 |
| 3 Net balance sheet asset/(liability) | (74,644,813) | (84,042,744) |
| B Current and Noncurrent Allocation³ | | |
| 1 Noncurrent asset | 0 | 0 |
| 2 Current liability | (6,651,343) | (5,896,727) |
| 3 Noncurrent liability | (67,993,470) | (78,146,017) |
| 4 Net balance sheet asset/(liability) | (74,644,813) | (84,042,744) |
| C Accumulated Benefit Obligation (ABO) | (71,109,773) | (80,521,547) |
| D Accumulated Other Comprehensive (Income)/Loss | | |
| 1 Net prior service cost/(credit) | 85,473 | 144,318 |
| 2 Net loss/(gain) | 30,862,752 | 41,661,401 |
| 3 Accumulated other comprehensive (income)/loss ⁴ | 30,948,225 | 41,805,719 |
| E Assumptions and Dates | | |
| 1 Discount rate | 4.05% | 3.90% |
| 2 Rate of compensation increase | Rates vary by age from 3.5% to 12.0% | Rates vary by age from 3.5% to 12.0% |
| 3 Census date | 01/01/2016 | 01/01/2015 |

¹ Whether the amounts in this table that differ from those disclosed at year-end must be disclosed in subsequent interim financial statements should be determined.

² East PBO = \$41,624,291; West PBO = \$33,020,522.

³ The current liability (for each underfunded plan) was measured as the discounted value of benefits expected to be paid over the next 12 months in excess of the fair value of the plan's assets at the measurement date.

⁴ Amount shown is pre-tax and should be adjusted by plan sponsor for tax effects.

2.2 Changes in liabilities and assets

All monetary amounts shown in US Dollars

| Fiscal Year Beginning | 01/01/2016 | 01/01/2015 |
|---|-------------|-------------|
| A Change in Projected Benefit Obligation (PBO) | | |
| 1 PBO at beginning of prior fiscal year | 84,042,744 | 76,771,087 |
| 2 Employer service cost | 939,097 | 509,338 |
| 3 Interest cost | 3,200,406 | 3,319,565 |
| 4 Actuarial loss/(gain) | (8,160,237) | 10,742,816 |
| 5 Plan participants' contributions | 0 | 0 |
| 6 Benefits paid from plan assets | (5,377,197) | (7,300,062) |
| 7 Benefits paid from the Company | 0 | 0 |
| 8 Administrative expenses paid ¹ | 0 | 0 |
| 9 Plan change | 0 | 0 |
| 10 Acquisitions/(divestitures) | 0 | 0 |
| 11 Curtailments | 0 | 0 |
| 12 Settlements | 0 | 0 |
| 13 Special/contractual termination benefits | 0 | 0 |
| 14 PBO at beginning of current fiscal year | 74,644,813 | 84,042,744 |

¹ Only if future expenses are accrued in PBO through a load on service cost.

Excess Benefit Plan

2.3 Summary of net balances

All monetary amounts shown in US Dollars

A Summary of Net Prior Service Cost/(Credit)

| Base Number | Net Amount at 01/01/2016 | Remaining Amortization Period | Amortization Amount in 2016 | Effect of Curtailments | Other Events |
|--------------|--------------------------|-------------------------------|-----------------------------|------------------------|--------------|
| 1 | 55,548 | 0.933 | (55,548) | 0 | 0 |
| 2 | 29,117 | 2.011 | (14,478) | 0 | 0 |
| 3 | (4,771) | 0.493 | 4,771 | 0 | 0 |
| 4 | 5,579 | 1.122 | (4,965) | 0 | 0 |
| Total | 85,473 | | (70,220) | 0 | 0 |

All monetary amounts shown in US Dollars

B Summary of Net Loss/(Gain)¹

| | Net Amount at 01/01/2016 | Amortization Amount in 2016 | Effect of Curtailments | Effect of Settlements | Other Events |
|--|--------------------------|-----------------------------|------------------------|-----------------------|--------------|
| | 30,862,752 | (1,887,350) | 0 | 0 | 0 |

¹ See Appendix A for description of amortization method.

2.4 Summary and comparison of benefit cost and cash flows

All monetary amounts shown in US Dollars

| Fiscal Year Ending | 12/31/2016 | 12/31/2015 |
|---|---|---|
| A Total Benefit Cost | | |
| 1 Employer service cost | 913,710 | 939,097 |
| 2 Interest cost | 2,926,767 | 3,200,405 |
| 3 Expected return on assets | 0 | 0 |
| 4 Subtotal | 3,840,477 | 4,139,502 |
| 5 Net prior service cost/(credit) amortization | 70,220 | 58,846 |
| 6 Net loss/(gain) amortization | 1,887,350 | 2,638,412 |
| 7 Subtotal | 1,957,570 | 2,697,258 |
| 8 Net periodic benefit cost/(income) | 5,798,047 | 6,836,760 |
| 9 Curtailments | 0 | 0 |
| 10 Settlements | 0 | 0 |
| 11 Special/contractual termination benefits | 0 | 0 |
| 12 Total benefit cost | 5,798,047 | 6,836,760 |
| B Assumptions¹ | | |
| 1 Discount rate | 4.05% | 3.90% |
| 2 Rate of return on assets | N/A | N/A |
| 3 Rate of compensation increase | Rates vary by age from 3.5% to 12.0% | Rates vary by age from 3.5% to 12.0% |
| 4 Census date | 01/01/2016 | 01/01/2015 |
| C Fair Market Value of Assets at Beginning of Year | | |
| 1 Fair market value | 0 | 0 |
| 2 Market-related value | 0 | 0 |
| D Cash Flow | | |
| | Expected | Actual |
| 1 Employer contributions | 0 | 0 |
| 2 Plan participants' contributions ² | 0 | 0 |
| 3 Benefits paid from the Company | 6,651,343 | 5,377,197 |
| 4 Benefits paid from plan assets ² | 0 | 0 |

¹ These assumptions were used to calculate Net Periodic Benefit Cost/(Income) as of the beginning of the year. Rates are expressed on an annual basis where applicable. For assumptions used for interim measurement periods, if any, refer to Appendix A.

² Over the fiscal year.

Section 3: Data exhibits

3.1 Plan participant data

All monetary amounts shown in US Dollars

| Census Date | 01/01/2016 | 01/01/2015 |
|---|---------------|---------------|
| A Participating Employees | | |
| 1 Number | 16,859 | 17,737 |
| 2 Expected plan compensation for year beginning on the valuation date | 1,664,312,302 | 1,685,807,824 |
| 3 Average expected plan compensation | 98,720 | 95,045 |
| 4 Average age | 48.2 | 47.8 |
| 5 Average credited service | 18.6 | 18.3 |
| 6 Average future working life | 12.397 | 12.605 |
| B Participants with Deferred Benefits | | |
| 1 Number (non-cash balance) | 3 | 4 |
| 2 Total annual pension (non-cash balance) | 103,353 | 181,597 |
| 3 Average annual pension (non-cash balance) | 34,451 | 45,399 |
| 4 Number of cash balance | 10 | 2 |
| 5 Total cash balance | 1,357,373 | 439,578 |
| 6 Average cash balance | 135,737 | 219,789 |
| 7 Average age | 60.3 | 61.5 |
| C Participants Receiving Benefits | | |
| 1 Number | 79 | 85 |
| 2 Total annual pension | 4,588,063 | 5,124,513 |
| 3 Average annual pension | 58,077 | 60,288 |
| 4 Average age | 76.0 | 74.9 |

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Appendix A - Statement of actuarial assumptions and methods

Plan Sponsor

American Electric Power Co.

Statement of Assumptions

The assumptions disclosed in this Appendix are for the fiscal year 2016 benefit cost.

Assumptions and methods for pension cost purposes

Actuarial Assumptions and Methods – Pension Cost

Economic Assumptions

| | | |
|-------------------------------------|------------|-------------|
| Discount rate | | 4.05% |
| Annual rates of increase | | |
| ▶ Compensation: | | |
| – Representative rates | <i>Age</i> | <i>Rate</i> |
| | < 26 | 12.00% |
| | 26 – 30 | 8.50% |
| | 31 – 35 | 7.00% |
| | 36 – 40 | 6.00% |
| | 41 – 45 | 5.00% |
| | 46 – 50 | 4.00% |
| | > 50 | 3.50% |
| – Weighted average | | 4.75% |
| ▶ Cash balance crediting rate | | 4.00% |
| ▶ Lump sum/annuity conversion rate | | 4.50% |
| ▶ Future Social Security wage bases | | 4.00% |
| ▶ Statutory limits on compensation | | 3.00% |

Demographic Assumptions

| | |
|--------------------------|--|
| Inclusion Date | The valuation date coincident with or next following the date on which the employee becomes a participant. |
| New or rehired employees | It was assumed there will be no new or rehired employees. |
| Mortality | <p>Based on modified versions of RP-2014 with long-term improvement rates of 0.75%</p> <p>Base mortality rates are derived from the RP-2014 mortality table with improvements factored to 2006 with white collar adjustment.</p> <p>Mortality improvements are projected forward on a generational basis. Improvement rates grade linearly from the MP-2014 rate in 2007 to the ultimate rate in 2015:</p> |

| Age | Ultimate Improvement rate per year | Age | Ultimate improvement rate per year |
|----------------|------------------------------------|--------------|------------------------------------|
| 85 and younger | 0.750% | 91 | 0.300% |
| 86 | 0.675% | 92 | 0.225% |
| 87 | 0.600% | 93 | 0.150% |
| 88 | 0.525% | 94 | 0.075% |
| 89 | 0.450% | 95 and older | 0.000% |
| 90 | 0.375% | | |

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

Termination Rates varying by age and service

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

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

| Age | Percentage becoming disabled during the year | |
|-----|--|--------|
| | 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% |

Retirement Rates varying by age; average retirement age 64:

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

Benefit commencement date:

- ▶ Preretirement death benefit The later of the death of the active participant or the date the participant would have attained age 55.
- ▶ Deferred vested benefit The later of age 55 or termination of employment.
- ▶ Disability benefit Upon disablement.
- ▶ Retirement benefit Upon termination of employment.

Form of payment 100% lump sum for all retirement eligible participants. Married and unmarried participants are both assumed to elect a lump sum.

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

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

Valuation pay
 2016 base salary pay (Grandfathered) – not estimated due to freeze of final average pay accruals at December 31, 2010.
 2016 expanded pay (Cash Balance) – sum of the following updated one year according to the salary increase assumption:
 (i) 2016 base salary
 (ii) a 15% increase for overtime eligible employees and a target bonus percent increase for incentive-eligible employees

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 – Pension Cost and Funded Position

Service cost and projected benefit obligation

Projected unit credit

Benefits not valued

All benefits described in the Plan Provisions sections of this report were valued. Willis Towers Watson has reviewed the plan provisions with AEP and is not aware of any significant benefits required to be valued that were not.

Data Sources

Willis Towers Watson used participant and asset data as of January 1, 2016, supplied by Mercer, the third party administrator for AEP. Data were reviewed for reasonableness and consistency, but no audit was performed. Based on discussions with the plan sponsor, assumptions or estimates were made when data were not available, and the data was adjusted to reflect any significant events that occurred between the date the data was collected and the measurement date. In consultation with the Company, the following assumptions were made for missing or apparently inconsistent data elements: To the extent that data was not provided, estimates were made based on prior year information.

The Company also provided the amounts recognized in accumulated other comprehensive income as of the end of the December 31, 2015 fiscal year and amounts recognized in other comprehensive income in the December 31, 2015 fiscal year.

Assumptions Rationale - Significant Economic Assumptions

| | |
|---|---|
| Discount rate | As required by U.S. GAAP, the discount rate was chosen by the plan sponsor based on market information on the measurement date. |
| 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. |
| Conversion rate for lump sums and annuities | The plan uses IRC 417(e)(3) as its basis to convert between lump sums and annuities. Because the 417(e)(3) interest rates are based on corporate bond yields, the assumption is based on the plan sponsor's long-term expectations of yields on high-quality corporate bonds. We believe that the selected assumption does not significantly conflict with what would be reasonable based on market conditions at the measurement date. |
| Rates of increase in compensation | Rates of increase in compensation were based on an experience study conducted in 2014, with annual consideration of whether any conditions have changed that would be expected to produce different results in the future. |

Assumptions Rationale - Significant Demographic Assumptions

| | |
|-----------------|---|
| Mortality | Assumptions were selected by the plan sponsor and, as required by U.S. GAAP, represent a best estimate of future experience. |
| Termination | <p>Termination rates are based on an experience study conducted in 2014, with annual consideration of whether any conditions have changed that would be expected to produce different results in the future.</p> <p>Assumed termination rates differ by service because of observed differences in termination rates between employees who have attained at least five years of service and those with less than five years of service.</p> |
| Retirement | Retirement rates are based on an experience study conducted in 2014, with annual consideration of whether any conditions have changed that would be expected to produce different results in the future. |
| Form of payment | Rates at which retirees elect lump sums versus annuities are based on an experience study conducted in 2014, with annual consideration of whether any conditions have changed that would be expected to produce different results in the future. |

Source of Prescribed Methods

| | |
|--------------------|---|
| Accounting methods | The methods used for accounting purposes as described in Appendix A, are "prescribed methods set by another party", as defined in the actuarial standards of practice (ASOPs). As required by U.S. GAAP, these methods were selected by the plan sponsor. |
|--------------------|---|

Changes in Assumptions and Methods

| | |
|---|--|
| Change in assumptions since prior valuation | <p>The discount rate increased from 3.90% to 4.05%.</p> <p>The form of payment assumption was updated to 100% lump sums.</p> <p>The mortality used to convert to 417(e) based forms of payment was updated for an additional year of mortality improvements.</p> <p>The lump sum conversion rate decreased from 5.00% to 4.50%</p> |
| Change in methods since prior valuation | None. |

Appendix B - Summary of principal pension plan provisions

The Excess Benefit Plan provides a benefit determined in accordance with the provisions of the American Electric Power System's Retirement Plan (a qualified defined benefit plan), without recognition of the statutory maximums on benefits and pay, less the benefit payable from the qualified plan. MICP awards are also included in the definition of pay for the former East Plan grandfathered benefit for executives with base pay in excess of the IRS limit. Certain executives have contracts providing additional benefits. Certain former Central and South West company executives are eligible for a final average pay cash balance benefit (pension equity – type formula) if it produces a larger benefit. The schedule of contribution percentages for this formula is identical to the cash balance formula.

Prior to 2004, all executives had their cash balance pay limited to \$1,000,000. In addition, pay was limited for executives in an uncapped incentive plan to two times base pay for both the final average pay formula and the cash balance formula. Base pay rate is determined at the earlier of year-end or date of termination.

Effective January 1, 2004, pay for all executives is limited to the greater of two times base pay or \$1 million for the cash balance formula only. The executives in the uncapped incentive plan continue to have two times pay limit apply to the former East Plan final average pay formula.

Effective December 31, 2010, accruals under the east grandfathered final average pay formula were discontinued.

Effective December 31, 2013, accruals for participates in long-term disability were discontinued.

Future Plan Changes

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

Changes in Benefits Valued Since Prior Year

None.

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Appendix C- Results by business unit

Summary of key assumptions for Appendix C of 2016 Excess Benefit Plan Valuation Report

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Discount rate | 4.05% | 4.30% | 4.55% | 4.80% | 4.80% | 4.80% | 4.80% | 4.80% | 4.80% | 4.80% | 4.80% |
| Cash balance crediting rate | 4.00% | 4.00% | 4.00% | 4.00% | 4.00% | 4.00% | 4.00% | 4.00% | 4.00% | 4.00% | 4.00% |
| Lump sum conversion rate | 4.50% | 4.50% | 4.50% | 4.50% | 4.50% | 4.50% | 4.50% | 4.50% | 4.50% | 4.50% | 4.50% |

Mortality table RP-2014, factored to 2006, collar adjustments as appropriate. Beginning in 2017, new IRS mortality tables were assumed for purposes of calculating lump sum amounts.
 Mortality projection scale Rates grade linearly by year from MP-2014 in 2007 to 0.75% in 2015. Rates grade linearly by age to zero at age 95 from age 85.
 Retirement rates Age-graded rates based on AEP experience during 2009-2013, average retirement age of 64.
 Termination rates Age and service based rates based on AEP experience during 2009-2013.
 Salary increases Age-graded rates based on AEP experience during 2011-2013, with average annual increase of 4.75%.
 Valuation and data January 1, 2016

AMERICAN ELECTRIC POWER
 NONQUALIFIED PENSION PLAN
 10-YEAR PENSION COST FORECAST
 (\$000s)

| Location | ASC 715-30 Cost 2016 | Estimated Net Periodic Pension Cost | | | | | | | | | |
|---|----------------------------|-------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 |
| 140 Appalachian Power Co - Distribution | \$48,812 | \$52,324 | \$54,076 | \$55,908 | \$57,554 | \$57,622 | \$57,533 | \$57,815 | \$59,732 | \$62,020 | \$64,074 |
| 215 Appalachian Power Co - Generation | 149 | 162 | 170 | 182 | 197 | 213 | 225 | 229 | 229 | 188 | 113 |
| 150 Appalachian Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Appalachian Power Co. - FERC | 48,961 | 52,486 | 54,246 | 56,090 | 57,751 | 57,835 | 57,758 | 58,042 | 59,961 | 62,208 | 64,187 |
| 225 Cedar Coal Co | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Appalachian Power Co. - SEC | 48,961 | 52,486 | 54,246 | 56,090 | 57,751 | 57,835 | 57,758 | 58,042 | 59,961 | 62,208 | 64,187 |
| 211 AEP Texas Central Company - Distribution | 160,671 | 155,337 | 146,618 | 138,050 | 129,560 | 121,022 | 112,584 | 105,193 | 97,113 | 90,005 | 82,412 |
| 147 AEP Texas Central Company - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 169 AEP Texas Central Company - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Texas Central Co. | 160,671 | 155,337 | 146,618 | 138,050 | 129,560 | 121,022 | 112,584 | 105,193 | 97,113 | 90,005 | 82,412 |
| 170 Indiana Michigan Power Co - Distribution | 40,075 | 43,285 | 45,748 | 48,501 | 52,000 | 55,278 | 57,923 | 60,668 | 62,580 | 62,849 | 62,480 |
| 132 Indiana Michigan Power Co - Generation | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 190 Indiana Michigan Power Co - Nuclear | 121,638 | 116,576 | 124,157 | 133,057 | 144,565 | 156,173 | 167,529 | 179,541 | 190,726 | 201,654 | 212,719 |
| 120 Indiana Michigan Power Co - Transmission | 6,981 | 6,575 | 6,061 | 5,571 | 5,092 | 4,633 | 4,197 | 3,791 | 3,380 | 3,025 | 2,635 |
| 280 Ind Mich River Transp Lakin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana Michigan Power Co. - FERC | 168,698 | 166,440 | 175,966 | 187,129 | 201,657 | 216,084 | 229,649 | 244,000 | 256,686 | 267,528 | 277,834 |
| 202 Price River Coal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana Michigan Power Co. - SEC | 168,698 | 166,440 | 175,966 | 187,129 | 201,657 | 216,084 | 229,649 | 244,000 | 256,686 | 267,528 | 277,834 |
| 110 Kentucky Power Co - Distribution | 4,589 | 4,998 | 5,383 | 5,752 | 6,107 | 6,534 | 6,625 | 5,196 | 5,811 | 6,480 | 7,194 |
| 117 Kentucky Power Co - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180 Kentucky Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 600 Kentucky Power Co. - Kammer Actives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 701 Kentucky Power Co. - Mitchell Actives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 702 Kentucky Power Co. - Mitchell Inactives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky Power Co. | 4,589 | 4,998 | 5,383 | 5,752 | 6,107 | 6,534 | 6,625 | 5,196 | 5,811 | 6,480 | 7,194 |
| 250 Ohio Power Co - Distribution | 35,870 | 38,817 | 41,203 | 43,724 | 46,925 | 50,318 | 53,965 | 57,939 | 61,967 | 66,662 | 71,117 |
| 160 Ohio Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ohio Power Co. | 35,870 | 38,817 | 41,203 | 43,724 | 46,925 | 50,318 | 53,965 | 57,939 | 61,967 | 66,662 | 71,117 |
| 167 Public Service Co of Oklahoma - Distribution | 137,687 | 137,266 | 133,219 | 129,049 | 124,721 | 120,801 | 116,483 | 110,310 | 103,735 | 99,506 | 94,363 |
| 198 Public Service Co of Oklahoma - Generation | 27,589 | 27,557 | 26,688 | 25,840 | 24,720 | 23,411 | 22,592 | 21,828 | 20,926 | 20,237 | 19,187 |
| 114 Public Service Co of Oklahoma - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Public Service Co. of Oklahoma | 165,276 | 164,823 | 159,907 | 154,889 | 149,441 | 144,212 | 139,075 | 132,138 | 124,661 | 119,743 | 113,550 |
| 159 Southwestern Electric Power Co - Distribution | 62,222 | 66,112 | 67,251 | 68,534 | 69,359 | 68,025 | 67,558 | 68,134 | 69,540 | 71,871 | 74,384 |
| 168 Southwestern Electric Power Co - Generation | 69,283 | 69,474 | 67,561 | 65,804 | 63,976 | 62,153 | 60,384 | 58,615 | 56,375 | 55,067 | 52,831 |
| 161 Southwestern Electric Power Co - Texas - Distribution | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 111 Southwestern Electric Power Co - Texas - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 194 Southwestern Electric Power Co - Transmission | 4,785 | 3,931 | 3,062 | 2,126 | 1,120 | 241 | (123) | (129) | (135) | (142) | (149) |
| Southwestern Electric Power Co. | 136,290 | 139,517 | 137,894 | 136,464 | 134,455 | 130,419 | 127,819 | 126,620 | 125,780 | 126,796 | 127,066 |
| 119 AEP Texas North Company - Distribution | 56,119 | 52,886 | 48,687 | 44,557 | 40,398 | 36,306 | 32,334 | 28,561 | 24,757 | 21,404 | 17,881 |
| 166 AEP Texas North Company - Generation | 43,281 | 42,279 | 40,185 | 38,136 | 36,015 | 33,880 | 31,762 | 29,716 | 27,474 | 25,520 | 23,103 |
| 192 AEP Texas North Company - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Texas North Co. | 99,400 | 95,165 | 88,872 | 82,693 | 76,413 | 70,186 | 64,096 | 58,277 | 52,231 | 46,924 | 40,984 |
| 230 Kingsport Power Co - Distribution | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 260 Kingsport Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kingsport Power Co. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 210 Wheeling Power Co - Distribution | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 200 Wheeling Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wheeling Power Co. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 103 American Electric Power Service Corporation | 4,614,948 | 4,450,963 | 4,267,684 | 4,106,298 | 3,974,775 | 3,843,409 | 3,701,050 | 3,562,165 | 3,406,171 | 3,268,074 | 3,171,924 |
| 293 Elmwood | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 292 AEP River Operations LLC | 5,317 | 719 | 949 | 987 | 1,026 | 677 | (27) | (28) | (29) | (31) | (32) |
| American Electric Power Service Corp | 4,620,265 | 4,451,702 | 4,268,633 | 4,107,285 | 3,975,801 | 3,844,086 | 3,701,023 | 3,562,137 | 3,406,142 | 3,268,043 | 3,171,892 |
| 143 AEP Pro Serv, Inc. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 189 Central Coal Company | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 171 CSW Energy, Inc. | 26 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous | 26 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 270 Cook Coal Terminal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Generating Company | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 104 Cardinal Operating Company | 205 | 206 | 191 | 162 | 139 | 121 | 108 | 96 | 86 | 78 | 69 |
| 181 Ohio Power Co - Generation | 68,103 | 68,324 | 66,899 | 65,695 | 64,807 | 64,083 | 63,576 | 63,398 | 63,097 | 63,538 | 63,314 |
| AEP Generation Resources - FERC | 68,308 | 68,530 | 67,090 | 65,857 | 64,946 | 64,204 | 63,684 | 63,494 | 63,183 | 63,616 | 63,383 |
| 290 Conesville Coal Preparation Company | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Generation Resources - SEC | 68,308 | 68,530 | 67,090 | 65,857 | 64,946 | 64,204 | 63,684 | 63,494 | 63,183 | 63,616 | 63,383 |
| 175 AEP Energy Partners | 286,358 | 305,154 | 316,190 | 326,839 | 341,079 | 354,923 | 367,676 | 383,066 | 398,245 | 417,109 | 432,092 |
| 419 Onsite Partners | 3,335 | 1,849 | 1,912 | 1,984 | 2,059 | 2,136 | 2,219 | 2,312 | 2,394 | 2,505 | 2,574 |
| AEP Energy Supply | 358,001 | 375,533 | 385,192 | 394,680 | 408,084 | 421,263 | 433,579 | 448,872 | 463,822 | 483,230 | 498,409 |
| 245 Dolet Hills | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dolet Hills | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | \$5,798,047 | \$5,644,844 | \$5,463,914 | \$5,306,756 | \$5,186,194 | \$5,061,059 | \$4,924,173 | \$4,798,414 | \$4,654,174 | \$4,537,619 | \$4,454,285 |

Excess Benefit Plan

AMERICAN ELECTRIC POWER
 NONQUALIFIED RETIREMENT PLAN
 2016 NET PERIODIC PENSION COST

| Location | Projected Benefit Obligation | Market-Related Value of Assets | Service Cost | Interest Cost | Expected Return on Assets | Amortization of Prior Service Cost | Amortization of Gain/Loss | Net Periodic Pension Cost |
|---|------------------------------|--------------------------------|------------------|--------------------|---------------------------|------------------------------------|---------------------------|---------------------------|
| 140 Appalachian Power Co - Distribution | \$361,488 | \$0 | \$24,712 | \$14,959 | \$0 | \$1 | \$9,140 | \$48,812 |
| 215 Appalachian Power Co - Generation | 713 | 0 | 98 | 31 | 0 | 2 | 18 | 149 |
| 150 Appalachian Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Appalachian Power Co. - FERC | \$362,201 | \$0 | \$24,810 | \$14,990 | \$0 | \$3 | \$9,158 | \$48,961 |
| 225 Cedar Coal Co | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Appalachian Power Co. - SEC | \$362,201 | \$0 | \$24,810 | \$14,990 | \$0 | \$3 | \$9,158 | \$48,961 |
| 211 AEP Texas Central Company - Distribution | \$2,376,041 | \$0 | \$7,918 | \$92,343 | \$0 | \$333 | \$60,077 | \$160,671 |
| 147 AEP Texas Central Company - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 169 AEP Texas Central Company - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Texas Central Co. | \$2,376,041 | \$0 | \$7,918 | \$92,343 | \$0 | \$333 | \$60,077 | \$160,671 |
| 170 Indiana Michigan Power Co - Distribution | \$276,460 | \$0 | \$21,548 | \$11,543 | \$0 | (\$6) | \$6,990 | \$40,075 |
| 132 Indiana Michigan Power Co - Generation | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 4 |
| 190 Indiana Michigan Power Co - Nuclear | 676,202 | 0 | 76,120 | 29,141 | 0 | (720) | 17,097 | 121,638 |
| 120 Indiana Michigan Power Co - Transmission | 109,050 | 0 | 0 | 4,224 | 0 | 0 | 2,757 | 6,981 |
| 280 Ind Mich River Transp Lakin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana Michigan Power Co. - FERC | \$1,061,712 | \$0 | \$97,668 | \$44,908 | \$0 | (\$722) | \$26,844 | \$168,698 |
| 202 Price River Coal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana Michigan Power Co. - SEC | \$1,061,712 | \$0 | \$97,668 | \$44,908 | \$0 | (\$722) | \$26,844 | \$168,698 |
| 110 Kentucky Power Co - Distribution | \$8,712 | \$0 | \$3,881 | \$488 | \$0 | \$0 | \$220 | \$4,589 |
| 117 Kentucky Power Co - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180 Kentucky Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 600 Kentucky Power Co. - Kammer Actives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 701 Kentucky Power Co. - Mitchell Actives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 702 Kentucky Power Co. - Mitchell Inactives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky Power Co. | \$8,712 | \$0 | \$3,881 | \$488 | \$0 | \$0 | \$220 | \$4,589 |
| 250 Ohio Power Co - Distribution | \$202,230 | \$0 | \$22,059 | \$8,688 | \$0 | \$10 | \$5,113 | \$35,870 |
| 160 Ohio Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ohio Power Co. | \$202,230 | \$0 | \$22,059 | \$8,688 | \$0 | \$10 | \$5,113 | \$35,870 |
| 167 Public Service Co of Oklahoma - Distribution | \$1,897,620 | \$0 | \$16,000 | \$74,124 | \$0 | (\$416) | \$47,980 | \$137,687 |
| 198 Public Service Co of Oklahoma - Generation | 423,306 | 0 | 426 | 16,413 | 0 | 47 | 10,703 | 27,589 |
| 114 Public Service Co of Oklahoma - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Public Service Co. of Oklahoma | \$2,320,926 | \$0 | \$16,426 | \$90,537 | \$0 | (\$369) | \$58,683 | \$165,276 |
| 159 Southwestern Electric Power Co - Distribution | \$514,934 | \$0 | \$28,163 | \$21,037 | \$0 | \$2 | \$13,020 | \$62,222 |
| 168 Southwestern Electric Power Co - Generation | 1,053,694 | 0 | 1,663 | 40,879 | 0 | 99 | 26,642 | 69,283 |
| 161 Southwestern Electric Power Co - Texas - Distribution | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 111 Southwestern Electric Power Co - Texas - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 194 Southwestern Electric Power Co - Transmission | 74,700 | 0 | 0 | 2,894 | 0 | 2 | 1,889 | 4,785 |
| Southwestern Electric Power Co. | \$1,643,328 | \$0 | \$29,826 | \$64,810 | \$0 | \$103 | \$41,551 | \$136,290 |
| 119 AEP Texas North Company - Distribution | \$874,694 | \$0 | \$0 | \$33,881 | \$0 | \$122 | \$22,116 | \$56,119 |
| 166 AEP Texas North Company - Generation | 674,531 | 0 | 0 | 26,128 | 0 | 98 | 17,055 | 43,281 |
| 192 AEP Texas North Company - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Texas North Co. | \$1,549,225 | \$0 | \$0 | \$60,009 | \$0 | \$220 | \$39,171 | \$99,400 |
| 230 Kingsport Power Co - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 260 Kingsport Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kingsport Power Co. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 210 Wheeling Power Co - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 200 Wheeling Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wheeling Power Co. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 103 American Electric Power Service Corporation | \$61,266,043 | \$0 | \$598,502 | \$2,396,331 | \$0 | \$71,039 | \$1,549,077 | \$4,614,948 |
| 293 Elmwood | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 292 AEP River Operations LLC | 94,763 | 0 | 0 | 3,671 | 0 | (750) | 2,396 | 5,317 |
| American Electric Power Service Corp | \$61,360,806 | \$0 | \$598,502 | \$2,400,002 | \$0 | \$70,289 | \$1,551,473 | \$4,620,265 |
| 143 AEP Pro Serv, Inc. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 189 Central Coal Company | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 171 CSW Energy, Inc. | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 26 |
| Miscellaneous | \$0 | \$0 | \$0 | \$0 | \$0 | \$26 | \$0 | \$26 |
| 270 Cook Coal Terminal | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| AEP Generating Company | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 104 Cardinal Operating Company | \$3,235 | \$0 | \$1 | \$125 | \$0 | (\$3) | \$82 | \$205 |
| 181 Ohio Power Co - Generation | 922,345 | 0 | 8,780 | 36,067 | 0 | (65) | 23,321 | 68,103 |
| AEP Generation Resources - FERC | \$925,580 | \$0 | \$8,781 | \$36,192 | \$0 | (\$68) | \$23,403 | \$68,308 |
| 290 Conesville Coal Preparation Company | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Generation Resources - SEC | \$925,580 | \$0 | \$8,781 | \$36,192 | \$0 | (\$68) | \$23,403 | \$68,308 |
| 175 AEP Energy Partners | 2,809,039 | 0 | 102,170 | 112,766 | 0 | 397 | 71,025 | 286,358 |
| 419 Onsite Partners | 25,013 | 0 | 1,669 | 1,034 | 0 | 0 | 632 | 3,335 |
| AEP Energy Supply | \$3,759,632 | \$0 | \$112,620 | \$149,992 | \$0 | \$329 | \$95,060 | \$358,001 |
| 245 Dolet Hills | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Dolet Hills | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total | \$74,644,813 | \$0 | \$913,710 | \$2,926,767 | \$0 | \$70,222 | \$1,887,350 | \$5,798,047 |

AMERICAN ELECTRIC POWER
 NONQUALIFIED RETIREMENT PLAN
 ESTIMATED 2017 NET PERIODIC PENSION COST

| Location | Projected Benefit Obligation | Market-Related Value of Assets | Service Cost | Interest Cost | Expected Return on Assets | Amortization of Prior Service Cost | Amortization of Gain/Loss | Net Periodic Pension Cost |
|---|------------------------------|--------------------------------|------------------|--------------------|---------------------------|------------------------------------|---------------------------|---------------------------|
| 140 Appalachian Power Co - Distribution | \$392,969 | \$0 | \$25,222 | \$17,539 | \$0 | \$1 | \$9,562 | \$52,324 |
| 215 Appalachian Power Co - Generation | 827 | 0 | 100 | 40 | 0 | 2 | 20 | 162 |
| 150 Appalachian Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Appalachian Power Co. - FERC | \$393,796 | \$0 | \$25,322 | \$17,579 | \$0 | \$3 | \$9,582 | \$52,486 |
| 225 Cedar Coal Co | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Appalachian Power Co. - SEC | \$393,796 | \$0 | \$25,322 | \$17,579 | \$0 | \$3 | \$9,582 | \$52,486 |
| 211 AEP Texas Central Company - Distribution | \$2,246,645 | \$0 | \$8,082 | \$92,522 | \$0 | \$65 | \$54,668 | \$155,337 |
| 147 AEP Texas Central Company - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 169 AEP Texas Central Company - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Texas Central Co. | \$2,246,645 | \$0 | \$8,082 | \$92,522 | \$0 | \$65 | \$54,668 | \$155,337 |
| 170 Indiana Michigan Power Co - Distribution | \$303,270 | \$0 | \$21,993 | \$13,897 | \$0 | \$15 | \$7,380 | \$43,285 |
| 132 Indiana Michigan Power Co - Generation | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 4 |
| 190 Indiana Michigan Power Co - Nuclear | 529,723 | 0 | 77,692 | 25,821 | 0 | 173 | 12,890 | 116,576 |
| 120 Indiana Michigan Power Co - Transmission | 101,071 | 0 | 0 | 4,116 | 0 | 0 | 2,459 | 6,575 |
| 280 Ind Mich River Transp Lakin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana Michigan Power Co. - FERC | \$934,064 | \$0 | \$99,685 | \$43,834 | \$0 | \$192 | \$22,729 | \$166,440 |
| 202 Price River Coal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana Michigan Power Co. - SEC | \$934,064 | \$0 | \$99,685 | \$43,834 | \$0 | \$192 | \$22,729 | \$166,440 |
| 110 Kentucky Power Co - Distribution | \$12,855 | \$0 | \$3,961 | \$720 | \$0 | \$4 | \$313 | \$4,998 |
| 117 Kentucky Power Co - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180 Kentucky Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 600 Kentucky Power Co - Kammer Actives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 701 Kentucky Power Co - Mitchell Actives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 702 Kentucky Power Co - Mitchell Inactives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky Power Co. | \$12,855 | \$0 | \$3,961 | \$720 | \$0 | \$4 | \$313 | \$4,998 |
| 250 Ohio Power Co - Distribution | \$228,544 | \$0 | \$22,515 | \$10,731 | \$0 | \$10 | \$5,561 | \$38,817 |
| 160 Ohio Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ohio Power Co. | \$228,544 | \$0 | \$22,515 | \$10,731 | \$0 | \$10 | \$5,561 | \$38,817 |
| 167 Public Service Co of Oklahoma - Distribution | \$1,830,624 | \$0 | \$16,330 | \$76,437 | \$0 | (\$46) | \$44,545 | \$137,265 |
| 198 Public Service Co of Oklahoma - Generation | 410,681 | 0 | 435 | 17,122 | 0 | 7 | 9,993 | 27,557 |
| 114 Public Service Co of Oklahoma - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Public Service Co. of Oklahoma | \$2,241,305 | \$0 | \$16,765 | \$93,559 | \$0 | (\$39) | \$54,538 | \$164,822 |
| 159 Southwestern Electric Power Co - Distribution | \$549,127 | \$0 | \$28,745 | \$24,005 | \$0 | \$0 | \$13,362 | \$66,112 |
| 168 Southwestern Electric Power Co - Generation | 1,024,898 | 0 | 1,697 | 42,819 | 0 | 19 | 24,939 | 69,474 |
| 161 Southwestern Electric Power Co - Texas - Distribution | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 111 Southwestern Electric Power Co - Texas - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 194 Southwestern Electric Power Co - Transmission | 62,923 | 0 | 0 | 2,400 | 0 | 0 | 1,531 | 3,931 |
| Southwestern Electric Power Co. | \$1,636,948 | \$0 | \$30,442 | \$69,224 | \$0 | \$19 | \$39,832 | \$139,517 |
| 119 AEP Texas North Company - Distribution | \$812,645 | \$0 | \$0 | \$33,095 | \$0 | \$17 | \$19,774 | \$52,886 |
| 166 AEP Texas North Company - Generation | 643,769 | 0 | 0 | 26,602 | 0 | 12 | 15,665 | 42,279 |
| 192 AEP Texas North Company - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Texas North Co. | \$1,456,414 | \$0 | \$0 | \$59,697 | \$0 | \$29 | \$35,439 | \$95,165 |
| 230 Kingsport Power Co - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 260 Kingsport Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kingsport Power Co. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 210 Wheeling Power Co - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 200 Wheeling Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wheeling Power Co. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 103 American Electric Power Service Corporation | \$58,033,808 | \$0 | \$610,863 | \$2,413,379 | \$0 | \$14,586 | \$1,412,157 | \$4,450,984 |
| 293 Elmwood | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 292 AEP River Operations LLC | 13,663 | 0 | 0 | 588 | 0 | (201) | 332 | 719 |
| American Electric Power Service Corp | \$58,047,471 | \$0 | \$610,863 | \$2,413,967 | \$0 | \$14,385 | \$1,412,489 | \$4,451,703 |
| 143 AEP Pro Serv, Inc. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 189 Central Coal Company | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 171 CSW Energy, Inc. | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 26 |
| Miscellaneous | \$0 | \$0 | \$0 | \$0 | \$0 | \$26 | \$0 | \$26 |
| 270 Cook Coal Terminal | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| AEP Generating Company | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 104 Cardinal Operating Company | \$3,104 | \$0 | \$1 | \$129 | \$0 | \$0 | \$76 | \$206 |
| 181 Ohio Power Co - Generation | 895,496 | 0 | 8,961 | 37,573 | 0 | 0 | 21,790 | 68,324 |
| AEP Generation Resources - FERC | \$898,600 | \$0 | \$8,962 | \$37,702 | \$0 | \$0 | \$21,866 | \$68,530 |
| 290 Conesville Coal Preparation Company | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Generation Resources - SEC | \$898,600 | \$0 | \$8,962 | \$37,702 | \$0 | \$0 | \$21,866 | \$68,530 |
| 175 AEP Energy Partners | 2,928,360 | 0 | 104,280 | 129,220 | 0 | 397 | 71,257 | 305,154 |
| 419 Onsite Partners | 27,461 | 0 | 0 | 1,181 | 0 | 0 | 668 | 1,849 |
| AEP Energy Supply | \$3,854,421 | \$0 | \$113,242 | \$168,103 | \$0 | \$397 | \$93,791 | \$375,533 |
| 245 Dolet Hills | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Dolet Hills | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total | \$71,052,463 | \$0 | \$930,877 | \$2,969,936 | \$0 | \$15,091 | \$1,728,942 | \$5,644,844 |

Excess Benefit Plan

AMERICAN ELECTRIC POWER
 NONQUALIFIED RETIREMENT PLAN
 ESTIMATED 2018 NET PERIODIC PENSION COST

| Location | Projected Benefit Obligation | Market-Related Value of Assets | Service Cost | Interest Cost | Expected Return on Assets | Amortization of Prior Service Cost | Amortization of Gain/Loss | Net Periodic Pension Cost |
|---|------------------------------|--------------------------------|------------------|--------------------|---------------------------|------------------------------------|---------------------------|---------------------------|
| 140 Appalachian Power Co - Distribution | \$406,703 | \$0 | \$25,740 | \$19,156 | \$0 | \$0 | \$9,180 | \$54,076 |
| 215 Appalachian Power Co - Generation | 940 | 0 | 102 | 47 | 0 | 0 | 21 | 170 |
| 150 Appalachian Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Appalachian Power Co. - FERC | \$407,643 | \$0 | \$25,842 | \$19,204 | \$0 | \$0 | \$9,201 | \$54,247 |
| 225 Cedar Coal Co | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Appalachian Power Co. - SEC | \$407,643 | \$0 | \$25,842 | \$19,204 | \$0 | \$0 | \$9,201 | \$54,247 |
| 211 AEP Texas Central Company - Distribution | \$2,096,766 | \$0 | \$8,247 | \$91,045 | \$0 | \$0 | \$47,326 | \$146,618 |
| 147 AEP Texas Central Company - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 169 AEP Texas Central Company - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Texas Central Co. | \$2,096,766 | \$0 | \$8,247 | \$91,045 | \$0 | \$0 | \$47,326 | \$146,618 |
| 170 Indiana Michigan Power Co - Distribution | \$328,364 | \$0 | \$22,445 | \$15,891 | \$0 | \$0 | \$7,412 | \$45,748 |
| 132 Indiana Michigan Power Co - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 190 Indiana Michigan Power Co - Nuclear | 607,012 | 0 | 79,287 | 31,167 | 0 | 2 | 13,701 | 124,157 |
| 120 Indiana Michigan Power Co - Transmission | 92,527 | 0 | 0 | 3,973 | 0 | 0 | 2,088 | 6,061 |
| 280 Ind Mich River Transp Lakin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana Michigan Power Co. - FERC | \$1,027,903 | \$0 | \$101,732 | \$51,032 | \$0 | \$2 | \$23,201 | \$175,967 |
| 202 Price River Coal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana Michigan Power Co. - SEC | \$1,027,903 | \$0 | \$101,732 | \$51,032 | \$0 | \$2 | \$23,201 | \$175,967 |
| 110 Kentucky Power Co - Distribution | \$17,050 | \$0 | \$4,042 | \$956 | \$0 | \$0 | \$385 | \$5,383 |
| 117 Kentucky Power Co - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180 Kentucky Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 600 Kentucky Power Co. - Kammer Actives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 701 Kentucky Power Co. - Mitchell Actives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 702 Kentucky Power Co. - Mitchell Inactives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky Power Co. | \$17,050 | \$0 | \$4,042 | \$956 | \$0 | \$0 | \$385 | \$5,383 |
| 250 Ohio Power Co - Distribution | \$253,653 | \$0 | \$22,977 | \$12,501 | \$0 | \$0 | \$5,725 | \$41,203 |
| 160 Ohio Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ohio Power Co. | \$253,653 | \$0 | \$22,977 | \$12,501 | \$0 | \$0 | \$5,725 | \$41,203 |
| 167 Public Service Co of Oklahoma - Distribution | \$1,748,041 | \$0 | \$16,666 | \$77,099 | \$0 | (\$1) | \$39,455 | \$133,218 |
| 198 Public Service Co of Oklahoma - Generation | 394,161 | 0 | 444 | 17,347 | 0 | 0 | 8,897 | 26,688 |
| 114 Public Service Co of Oklahoma - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Public Service Co. of Oklahoma | \$2,142,202 | \$0 | \$17,110 | \$94,446 | \$0 | (\$1) | \$48,352 | \$159,906 |
| 159 Southwestern Electric Power Co - Distribution | \$551,122 | \$0 | \$29,335 | \$25,477 | \$0 | \$0 | \$12,439 | \$67,251 |
| 168 Southwestern Electric Power Co - Generation | 987,274 | 0 | 1,732 | 43,565 | 0 | 0 | 22,284 | 67,581 |
| 161 Southwestern Electric Power Co - Texas - Distribution | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 111 Southwestern Electric Power Co - Texas - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 194 Southwestern Electric Power Co - Transmission | 49,931 | 0 | 0 | 1,935 | 0 | 0 | 1,127 | 3,062 |
| Southwestern Electric Power Co. | \$1,588,327 | \$0 | \$31,067 | \$70,977 | \$0 | \$0 | \$35,850 | \$137,894 |
| 119 AEP Texas North Company - Distribution | \$743,861 | \$0 | \$0 | \$31,897 | \$0 | \$0 | \$16,790 | \$48,687 |
| 166 AEP Texas North Company - Generation | 607,352 | 0 | 0 | 26,476 | 0 | 0 | 13,709 | 40,185 |
| 192 AEP Texas North Company - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Texas North Co. | \$1,351,213 | \$0 | \$0 | \$58,373 | \$0 | \$0 | \$30,499 | \$88,872 |
| 230 Kingsport Power Co - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 260 Kingsport Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kingsport Power Co. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 210 Wheeling Power Co - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 200 Wheeling Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wheeling Power Co. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 103 American Electric Power Service Corporation | \$54,860,923 | \$0 | \$623,406 | \$2,405,856 | \$0 | \$156 | \$1,238,268 | \$4,267,685 |
| 293 Elmwood | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 292 AEP River Operations LLC | 13,969 | 0 | 0 | 636 | 0 | (2) | 315 | 949 |
| American Electric Power Service Corp | \$54,874,892 | \$0 | \$623,406 | \$2,406,491 | \$0 | \$154 | \$1,238,583 | \$4,268,633 |
| 143 AEP Pro Serv, Inc. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 189 Central Coal Company | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 171 CSW Energy, Inc. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 270 Cook Coal Terminal | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| AEP Generating Company | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 104 Cardinal Operating Company | \$2,954 | \$0 | \$1 | \$123 | \$0 | \$0 | \$67 | \$191 |
| 181 Ohio Power Co - Generation | 862,702 | 0 | 9,145 | 38,282 | 0 | 0 | 19,472 | 66,899 |
| AEP Generation Resources - FERC | \$865,656 | \$0 | \$9,146 | \$38,405 | \$0 | \$0 | \$19,539 | \$67,090 |
| 290 Conesville Coal Preparation Company | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Generation Resources - SEC | \$865,656 | \$0 | \$9,146 | \$38,405 | \$0 | \$0 | \$19,539 | \$67,090 |
| 175 AEP Energy Partners | 3,044,914 | 0 | 106,421 | 141,038 | 0 | 4 | 68,727 | 316,190 |
| 419 Onsite Partners | 28,077 | 0 | 0 | 1,278 | 0 | 0 | 634 | 1,912 |
| AEP Energy Supply | \$3,938,647 | \$0 | \$115,567 | \$180,720 | \$0 | \$4 | \$88,900 | \$385,191 |
| 245 Dolet Hills | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Dolet Hills | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total | \$67,698,296 | \$0 | \$949,990 | \$2,985,745 | \$0 | \$159 | \$1,528,022 | \$5,463,914 |

AMERICAN ELECTRIC POWER
 NONQUALIFIED RETIREMENT PLAN
 ESTIMATED 2019 NET PERIODIC PENSION COST

| Location | Projected Benefit Obligation | Market-Related Value of Assets | Service Cost | Interest Cost | Expected Return on Assets | Amortization of Prior Service Cost | Amortization of Gain/Loss | Net Periodic Pension Cost |
|---|------------------------------|--------------------------------|------------------|--------------------|---------------------------|------------------------------------|---------------------------|---------------------------|
| 140 Appalachian Power Co - Distribution | \$420,163 | \$0 | \$26,277 | \$20,828 | \$0 | \$0 | \$8,803 | \$55,908 |
| 215 Appalachian Power Co - Generation | 1,060 | 0 | 104 | 56 | 0 | 0 | 22 | 182 |
| 150 Appalachian Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Appalachian Power Co. - FERC | \$421,223 | \$0 | \$26,381 | \$20,883 | \$0 | \$0 | \$8,825 | \$56,089 |
| 225 Cedar Coal Co | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Appalachian Power Co. - SEC | \$421,223 | \$0 | \$26,381 | \$20,883 | \$0 | \$0 | \$8,825 | \$56,089 |
| 211 AEP Texas Central Company - Distribution | \$1,947,071 | \$0 | \$8,419 | \$88,839 | \$0 | \$0 | \$40,792 | \$138,050 |
| 147 AEP Texas Central Company - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 169 AEP Texas Central Company - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Texas Central Co. | \$1,947,071 | \$0 | \$8,419 | \$88,839 | \$0 | \$0 | \$40,792 | \$138,050 |
| 170 Indiana Michigan Power Co - Distribution | \$356,495 | \$0 | \$22,912 | \$18,120 | \$0 | \$0 | \$7,469 | \$48,501 |
| 132 Indiana Michigan Power Co - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 190 Indiana Michigan Power Co - Nuclear | 700,939 | 0 | 80,940 | 37,432 | 0 | 0 | 14,685 | 133,057 |
| 120 Indiana Michigan Power Co - Transmission | 84,317 | 0 | 0 | 3,805 | 0 | 0 | 1,766 | 5,571 |
| 280 Ind Mich River Transp Lakin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana Michigan Power Co. - FERC | \$1,141,751 | \$0 | \$103,852 | \$59,357 | \$0 | \$0 | \$23,920 | \$187,129 |
| 202 Price River Coal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana Michigan Power Co. - SEC | \$1,141,751 | \$0 | \$103,852 | \$59,357 | \$0 | \$0 | \$23,920 | \$187,129 |
| 110 Kentucky Power Co - Distribution | \$21,441 | \$0 | \$4,127 | \$1,176 | \$0 | \$0 | \$449 | \$5,752 |
| 117 Kentucky Power Co - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180 Kentucky Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 600 Kentucky Power Co. - Kammer Actives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 701 Kentucky Power Co. - Mitchell Actives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 702 Kentucky Power Co. - Mitchell Inactives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky Power Co. | \$21,441 | \$0 | \$4,127 | \$1,176 | \$0 | \$0 | \$449 | \$5,752 |
| 250 Ohio Power Co - Distribution | \$279,762 | \$0 | \$23,456 | \$14,407 | \$0 | \$0 | \$5,861 | \$43,724 |
| 160 Ohio Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ohio Power Co. | \$279,762 | \$0 | \$23,456 | \$14,407 | \$0 | \$0 | \$5,861 | \$43,724 |
| 167 Public Service Co of Oklahoma - Distribution | \$1,666,753 | \$0 | \$17,013 | \$77,117 | \$0 | \$0 | \$34,919 | \$129,048 |
| 198 Public Service Co of Oklahoma - Generation | 377,443 | 0 | 453 | 17,479 | 0 | 0 | 7,908 | 25,840 |
| 114 Public Service Co of Oklahoma - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Public Service Co. of Oklahoma | \$2,044,196 | \$0 | \$17,466 | \$94,596 | \$0 | \$0 | \$42,827 | \$154,888 |
| 159 Southwestern Electric Power Co - Distribution | \$553,448 | \$0 | \$29,946 | \$26,993 | \$0 | \$0 | \$11,595 | \$68,534 |
| 168 Southwestern Electric Power Co - Generation | 949,951 | 0 | 1,768 | 44,134 | 0 | 0 | 19,902 | 65,804 |
| 161 Southwestern Electric Power Co - Texas - Distribution | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 111 Southwestern Electric Power Co - Texas - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 194 Southwestern Electric Power Co - Transmission | 36,187 | 0 | 0 | 1,368 | 0 | 0 | 758 | 2,126 |
| Southwestern Electric Power Co. | \$1,539,586 | \$0 | \$31,714 | \$72,494 | \$0 | \$0 | \$32,255 | \$136,463 |
| 119 AEP Texas North Company - Distribution | \$675,753 | \$0 | \$0 | \$30,400 | \$0 | \$0 | \$14,157 | \$44,557 |
| 166 AEP Texas North Company - Generation | 571,009 | 0 | 0 | 26,173 | 0 | 0 | 11,963 | 38,136 |
| 192 AEP Texas North Company - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Texas North Co. | \$1,246,762 | \$0 | \$0 | \$56,573 | \$0 | \$0 | \$26,120 | \$82,693 |
| 230 Kingsport Power Co - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 260 Kingsport Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kingsport Power Co. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 210 Wheeling Power Co - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 200 Wheeling Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wheeling Power Co. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 103 American Electric Power Service Corporation | \$51,591,887 | \$0 | \$636,396 | \$2,389,044 | \$0 | (\$1) | \$1,080,863 | \$4,106,301 |
| 293 Elmwood | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 292 AEP River Operations LLC | 14,321 | 0 | 0 | 687 | 0 | 0 | 300 | 987 |
| American Electric Power Service Corp | \$51,606,208 | \$0 | \$636,396 | \$2,389,731 | \$0 | (\$1) | \$1,081,163 | \$4,107,288 |
| 143 AEP Pro Serv, Inc. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 189 Central Coal Company | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 171 CSW Energy, Inc. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 270 Cook Coal Terminal | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| AEP Generating Company | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 104 Cardinal Operating Company | \$2,504 | \$0 | \$1 | \$109 | \$0 | \$0 | \$52 | \$162 |
| 181 Ohio Power Co - Generation | 831,978 | 0 | 9,336 | 38,929 | 0 | 0 | 17,430 | 65,695 |
| AEP Generation Resources - FERC | \$834,482 | \$0 | \$9,337 | \$39,038 | \$0 | \$0 | \$17,482 | \$65,857 |
| 290 Conesville Coal Preparation Company | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Generation Resources - SEC | \$834,482 | \$0 | \$9,337 | \$39,038 | \$0 | \$0 | \$17,482 | \$65,857 |
| 175 AEP Energy Partners | 3,126,034 | 0 | 108,639 | 152,709 | 0 | 0 | 65,491 | 326,839 |
| 419 Onsite Partners | 28,784 | 0 | 0 | 1,381 | 0 | 0 | 603 | 1,984 |
| AEP Energy Supply | \$3,989,300 | \$0 | \$117,976 | \$193,128 | \$0 | \$0 | \$83,576 | \$394,680 |
| 245 Dolet Hills | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Dolet Hills | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total | \$64,237,300 | \$0 | \$969,787 | \$2,991,184 | \$0 | (\$1) | \$1,345,788 | \$5,306,756 |

Excess Benefit Plan

AMERICAN ELECTRIC POWER
 NONQUALIFIED RETIREMENT PLAN
 ESTIMATED 2020 NET PERIODIC PENSION COST

| Location | Projected Benefit Obligation | Market-Related Value of Assets | Service Cost | Interest Cost | Expected Return on Assets | Amortization of Prior Service Cost | Amortization of Gain/Loss | Net Periodic Pension Cost |
|---|------------------------------|--------------------------------|--------------------|--------------------|---------------------------|------------------------------------|---------------------------|---------------------------|
| 140 Appalachian Power Co - Distribution | \$441,908 | \$0 | \$27,590 | \$20,968 | \$0 | \$0 | \$8,996 | \$57,554 |
| 215 Appalachian Power Co - Generation | 1,211 | 0 | 109 | 63 | 0 | 0 | 25 | 197 |
| 150 Appalachian Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Appalachian Power Co. - FERC | \$443,119 | \$0 | \$27,699 | \$21,032 | \$0 | \$0 | \$9,021 | \$57,752 |
| 225 Cedar Coal Co | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Appalachian Power Co. - SEC | \$443,119 | \$0 | \$27,699 | \$21,032 | \$0 | \$0 | \$9,021 | \$57,752 |
| 211 AEP Texas Central Company - Distribution | \$1,832,472 | \$0 | \$8,840 | \$83,416 | \$0 | \$0 | \$37,304 | \$129,560 |
| 147 AEP Texas Central Company - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 169 AEP Texas Central Company - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Texas Central Co. | \$1,832,472 | \$0 | \$8,840 | \$83,416 | \$0 | \$0 | \$37,304 | \$129,560 |
| 170 Indiana Michigan Power Co - Distribution | \$393,668 | \$0 | \$24,058 | \$19,928 | \$0 | \$0 | \$8,014 | \$52,000 |
| 132 Indiana Michigan Power Co - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 190 Indiana Michigan Power Co - Nuclear | 815,179 | 0 | 84,986 | 42,984 | 0 | 0 | 16,595 | 144,565 |
| 120 Indiana Michigan Power Co - Transmission | 77,918 | 0 | 0 | 3,506 | 0 | 0 | 1,586 | 5,092 |
| 280 Ind Mich River Transp Lakin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana Michigan Power Co. - FERC | \$1,286,765 | \$0 | \$109,044 | \$66,418 | \$0 | \$0 | \$26,195 | \$201,657 |
| 202 Price River Coal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana Michigan Power Co. - SEC | \$1,286,765 | \$0 | \$109,044 | \$66,418 | \$0 | \$0 | \$26,195 | \$201,657 |
| 110 Kentucky Power Co - Distribution | \$24,573 | \$0 | \$4,333 | \$1,274 | \$0 | \$0 | \$500 | \$6,107 |
| 117 Kentucky Power Co - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180 Kentucky Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 600 Kentucky Power Co. - Kammer Actives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 701 Kentucky Power Co. - Mitchell Actives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 702 Kentucky Power Co. - Mitchell Inactives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky Power Co. | \$24,573 | \$0 | \$4,333 | \$1,274 | \$0 | \$0 | \$500 | \$6,107 |
| 250 Ohio Power Co - Distribution | \$311,406 | \$0 | \$24,628 | \$15,958 | \$0 | \$0 | \$6,339 | \$46,925 |
| 160 Ohio Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ohio Power Co. | \$311,406 | \$0 | \$24,628 | \$15,958 | \$0 | \$0 | \$6,339 | \$46,925 |
| 167 Public Service Co of Oklahoma - Distribution | \$1,604,737 | \$0 | \$17,864 | \$74,189 | \$0 | \$0 | \$32,668 | \$124,720 |
| 198 Public Service Co of Oklahoma - Generation | 367,546 | 0 | 476 | 16,762 | 0 | 0 | 7,482 | 24,720 |
| 114 Public Service Co of Oklahoma - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Public Service Co. of Oklahoma | \$1,972,283 | \$0 | \$18,340 | \$90,950 | \$0 | \$0 | \$40,150 | \$149,439 |
| 159 Southwestern Electric Power Co - Distribution | \$567,798 | \$0 | \$31,443 | \$26,357 | \$0 | \$0 | \$11,559 | \$69,359 |
| 168 Southwestern Electric Power Co - Generation | 930,546 | 0 | 1,857 | 43,176 | 0 | 0 | 18,943 | 63,976 |
| 161 Southwestern Electric Power Co - Texas - Distribution | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 111 Southwestern Electric Power Co - Texas - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 194 Southwestern Electric Power Co - Transmission | 21,995 | 0 | 0 | 672 | 0 | 0 | 448 | 1,120 |
| Southwestern Electric Power Co. | \$1,520,339 | \$0 | \$33,300 | \$70,205 | \$0 | \$0 | \$30,950 | \$134,455 |
| 119 AEP Texas North Company - Distribution | \$620,308 | \$0 | \$0 | \$27,770 | \$0 | \$0 | \$12,628 | \$40,398 |
| 166 AEP Texas North Company - Generation | 545,088 | 0 | 0 | 24,918 | 0 | 0 | 11,097 | 36,015 |
| 192 AEP Texas North Company - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Texas North Co. | \$1,165,396 | \$0 | \$0 | \$52,688 | \$0 | \$0 | \$23,725 | \$76,413 |
| 230 Kingsport Power Co - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 260 Kingsport Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kingsport Power Co. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 210 Wheeling Power Co - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 200 Wheeling Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wheeling Power Co. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 103 American Electric Power Service Corporation | \$49,645,986 | \$0 | \$668,216 | \$2,295,899 | \$0 | \$0 | \$1,010,661 | \$3,974,775 |
| 293 Elmwood | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 292 AEP River Operations LLC | 15,008 | 0 | 0 | 720 | 0 | 0 | 306 | 1,026 |
| American Electric Power Service Corp | \$49,660,994 | \$0 | \$668,216 | \$2,296,620 | \$0 | \$0 | \$1,010,967 | \$3,975,802 |
| 143 AEP Pro Serv, Inc. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 189 Central Coal Company | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 171 CSW Energy, Inc. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 270 Cook Coal Terminal | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| AEP Generating Company | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 104 Cardinal Operating Company | \$2,159 | \$0 | \$1 | \$94 | \$0 | \$0 | \$44 | \$139 |
| 181 Ohio Power Co - Generation | 818,927 | 0 | 9,803 | 38,333 | 0 | 0 | 16,671 | 64,807 |
| AEP Generation Resources - FERC | \$821,086 | \$0 | \$9,804 | \$38,427 | \$0 | \$0 | \$16,715 | \$64,946 |
| 290 Conesville Coal Preparation Company | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Generation Resources - SEC | \$821,086 | \$0 | \$9,804 | \$38,427 | \$0 | \$0 | \$16,715 | \$64,946 |
| 175 AEP Energy Partners | 3,279,639 | 0 | 114,071 | 160,243 | 0 | 0 | 66,765 | 341,079 |
| 419 Onsite Partners | 30,141 | 0 | 0 | 1,445 | 0 | 0 | 614 | 2,059 |
| AEP Energy Supply | \$4,130,866 | \$0 | \$123,875 | \$200,115 | \$0 | \$0 | \$84,094 | \$408,084 |
| 245 Dolet Hills | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Dolet Hills | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total | \$62,348,213 | \$0 | \$1,018,275 | \$2,898,676 | \$0 | \$0 | \$1,269,245 | \$5,186,194 |

AMERICAN ELECTRIC POWER
 NONQUALIFIED RETIREMENT PLAN
 ESTIMATED 2021 NET PERIODIC PENSION COST

| Location | Projected Benefit Obligation | Market-Related Value of Assets | Service Cost | Interest Cost | Expected Return on Assets | Amortization of Prior Service Cost | Amortization of Gain/Loss | Net Periodic Pension Cost |
|---|------------------------------|--------------------------------|--------------------|--------------------|---------------------------|------------------------------------|---------------------------|---------------------------|
| 140 Appalachian Power Co - Distribution | \$424,381 | \$0 | \$28,970 | \$20,208 | \$0 | \$0 | \$8,444 | \$57,622 |
| 215 Appalachian Power Co - Generation | 1,374 | 0 | 115 | 71 | 0 | 0 | 27 | 213 |
| 150 Appalachian Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Appalachian Power Co. - FERC | \$425,755 | \$0 | \$29,085 | \$20,279 | \$0 | \$0 | \$8,471 | \$57,835 |
| 225 Cedar Coal Co | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Appalachian Power Co. - SEC | \$425,755 | \$0 | \$29,085 | \$20,279 | \$0 | \$0 | \$8,471 | \$57,835 |
| 211 AEP Texas Central Company - Distribution | \$1,715,335 | \$0 | \$9,282 | \$77,608 | \$0 | \$0 | \$34,132 | \$121,022 |
| 147 AEP Texas Central Company - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 169 AEP Texas Central Company - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Texas Central Co. | \$1,715,335 | \$0 | \$9,282 | \$77,608 | \$0 | \$0 | \$34,132 | \$121,022 |
| 170 Indiana Michigan Power Co - Distribution | \$432,466 | \$0 | \$25,261 | \$21,412 | \$0 | \$0 | \$8,605 | \$55,278 |
| 132 Indiana Michigan Power Co - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 190 Indiana Michigan Power Co - Nuclear | 933,728 | 0 | 89,236 | 48,358 | 0 | 0 | 18,579 | 156,173 |
| 120 Indiana Michigan Power Co - Transmission | 71,553 | 0 | 0 | 3,209 | 0 | 0 | 1,424 | 4,633 |
| 280 Ind Mich River Transp Lakin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana Michigan Power Co. - FERC | \$1,437,747 | \$0 | \$114,497 | \$72,979 | \$0 | \$0 | \$28,608 | \$216,084 |
| 202 Price River Coal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana Michigan Power Co. - SEC | \$1,437,747 | \$0 | \$114,497 | \$72,979 | \$0 | \$0 | \$28,608 | \$216,084 |
| 110 Kentucky Power Co - Distribution | \$25,379 | \$0 | \$4,550 | \$579 | \$0 | \$0 | \$505 | \$5,634 |
| 117 Kentucky Power Co - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180 Kentucky Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 600 Kentucky Power Co - Kammer Actives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 701 Kentucky Power Co - Mitchell Actives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 702 Kentucky Power Co - Mitchell Inactives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky Power Co. | \$25,379 | \$0 | \$4,550 | \$579 | \$0 | \$0 | \$505 | \$5,634 |
| 250 Ohio Power Co - Distribution | \$344,775 | \$0 | \$25,860 | \$17,598 | \$0 | \$0 | \$6,860 | \$50,318 |
| 160 Ohio Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ohio Power Co. | \$344,775 | \$0 | \$25,860 | \$17,598 | \$0 | \$0 | \$6,860 | \$50,318 |
| 167 Public Service Co of Oklahoma - Distribution | \$1,540,962 | \$0 | \$18,757 | \$71,382 | \$0 | \$0 | \$30,662 | \$120,800 |
| 198 Public Service Co of Oklahoma - Generation | 346,697 | 0 | 499 | 16,013 | 0 | 0 | 6,899 | 23,411 |
| 114 Public Service Co of Oklahoma - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Public Service Co. of Oklahoma | \$1,887,659 | \$0 | \$19,256 | \$87,395 | \$0 | \$0 | \$37,561 | \$144,211 |
| 159 Southwestern Electric Power Co - Distribution | \$524,137 | \$0 | \$33,016 | \$24,580 | \$0 | \$0 | \$10,429 | \$68,025 |
| 168 Southwestern Electric Power Co - Generation | 908,984 | 0 | 1,950 | 42,116 | 0 | 0 | 18,087 | 62,153 |
| 161 Southwestern Electric Power Co - Texas - Distribution | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 111 Southwestern Electric Power Co - Texas - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 194 Southwestern Electric Power Co - Transmission | 6,484 | 0 | 0 | 112 | 0 | 0 | 129 | 241 |
| Southwestern Electric Power Co. | \$1,439,605 | \$0 | \$34,966 | \$66,808 | \$0 | \$0 | \$28,645 | \$130,419 |
| 119 AEP Texas North Company - Distribution | \$563,548 | \$0 | \$0 | \$25,092 | \$0 | \$0 | \$11,214 | \$36,306 |
| 166 AEP Texas North Company - Generation | 517,451 | 0 | 0 | 23,584 | 0 | 0 | 10,296 | 33,880 |
| 192 AEP Texas North Company - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Texas North Co. | \$1,080,999 | \$0 | \$0 | \$48,676 | \$0 | \$0 | \$21,510 | \$70,186 |
| 230 Kingsport Power Co - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 260 Kingsport Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kingsport Power Co. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 210 Wheeling Power Co - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 200 Wheeling Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wheeling Power Co. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 103 American Electric Power Service Corporation | \$47,585,275 | \$0 | \$701,627 | \$2,194,931 | \$0 | (\$1) | \$946,854 | \$3,843,410 |
| 293 Elmwood | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 292 AEP River Operations LLC | 15,728 | 0 | 0 | 364 | 0 | 0 | 313 | 677 |
| American Electric Power Service Corp | \$47,601,003 | \$0 | \$701,627 | \$2,195,295 | \$0 | (\$1) | \$947,167 | \$3,844,087 |
| 143 AEP Pro Serv, Inc. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 189 Central Coal Company | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 171 CSW Energy, Inc. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 270 Cook Coal Terminal | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| AEP Generating Company | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 104 Cardinal Operating Company | \$1,859 | \$0 | \$1 | \$83 | \$0 | \$0 | \$37 | \$121 |
| 181 Ohio Power Co - Generation | 806,096 | 0 | 10,293 | 37,750 | 0 | 0 | 16,040 | 64,083 |
| AEP Generation Resources - FERC | \$807,955 | \$0 | \$10,294 | \$37,833 | \$0 | \$0 | \$16,077 | \$64,204 |
| 290 Conesville Coal Preparation Company | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Generation Resources - SEC | \$807,955 | \$0 | \$10,294 | \$37,833 | \$0 | \$0 | \$16,077 | \$64,204 |
| 175 AEP Energy Partners | 3,442,006 | 0 | 119,774 | 166,660 | 0 | 0 | 68,489 | 354,923 |
| 419 Onsite Partners | 31,510 | 0 | 0 | 1,509 | 0 | 0 | 627 | 2,136 |
| AEP Energy Supply | \$4,281,471 | \$0 | \$130,068 | \$206,002 | \$0 | \$0 | \$85,193 | \$421,263 |
| 245 Dolet Hills | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Dolet Hills | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total | \$60,239,728 | \$0 | \$1,069,191 | \$2,793,219 | \$0 | (\$1) | \$1,198,652 | \$5,061,059 |

Excess Benefit Plan

AMERICAN ELECTRIC POWER
 NONQUALIFIED RETIREMENT PLAN
 ESTIMATED 2022 NET PERIODIC PENSION COST

| Location | Projected Benefit Obligation | Market-Related Value of Assets | Service Cost | Interest Cost | Expected Return on Assets | Amortization of Prior Service Cost | Amortization of Gain/Loss | Net Periodic Pension Cost |
|---|------------------------------|--------------------------------|--------------------|--------------------|---------------------------|------------------------------------|---------------------------|---------------------------|
| 140 Appalachian Power Co - Distribution | \$408,097 | \$0 | \$30,418 | \$19,102 | \$0 | \$0 | \$8,013 | \$57,533 |
| 215 Appalachian Power Co - Generation | 1,550 | 0 | 121 | 74 | 0 | 0 | 30 | 225 |
| 150 Appalachian Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Appalachian Power Co. - FERC | \$409,647 | \$0 | \$30,539 | \$19,176 | \$0 | \$0 | \$8,043 | \$57,758 |
| 225 Cedar Coal Co | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Appalachian Power Co. - SEC | \$409,647 | \$0 | \$30,539 | \$19,176 | \$0 | \$0 | \$8,043 | \$57,758 |
| 211 AEP Texas Central Company - Distribution | \$1,584,101 | \$0 | \$9,746 | \$71,733 | \$0 | \$0 | \$31,105 | \$112,584 |
| 147 AEP Texas Central Company - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 169 AEP Texas Central Company - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Texas Central Co. | \$1,584,101 | \$0 | \$9,746 | \$71,733 | \$0 | \$0 | \$31,105 | \$112,584 |
| 170 Indiana Michigan Power Co - Distribution | \$455,561 | \$0 | \$26,524 | \$22,454 | \$0 | \$0 | \$8,945 | \$57,923 |
| 132 Indiana Michigan Power Co - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 190 Indiana Michigan Power Co - Nuclear | 1,039,950 | 0 | 93,698 | 53,411 | 0 | 0 | 20,420 | 167,529 |
| 120 Indiana Michigan Power Co - Transmission | 65,251 | 0 | 0 | 2,916 | 0 | 0 | 1,281 | 4,197 |
| 280 Ind Mich River Transp Lakin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana Michigan Power Co. - FERC | \$1,560,762 | \$0 | \$120,222 | \$78,781 | \$0 | \$0 | \$30,646 | \$229,649 |
| 202 Price River Coal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana Michigan Power Co. - SEC | \$1,560,762 | \$0 | \$120,222 | \$78,781 | \$0 | \$0 | \$30,646 | \$229,649 |
| 110 Kentucky Power Co - Distribution | (\$5,636) | \$0 | \$4,777 | (\$41) | \$0 | \$0 | (\$111) | \$4,625 |
| 117 Kentucky Power Co - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180 Kentucky Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 600 Kentucky Power Co. - Kammer Actives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 701 Kentucky Power Co. - Mitchell Actives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 702 Kentucky Power Co. - Mitchell Inactives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky Power Co. | (\$5,636) | \$0 | \$4,777 | (\$41) | \$0 | \$0 | (\$111) | \$4,625 |
| 250 Ohio Power Co - Distribution | \$380,106 | \$0 | \$27,153 | \$19,348 | \$0 | \$0 | \$7,464 | \$53,965 |
| 160 Ohio Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ohio Power Co. | \$380,106 | \$0 | \$27,153 | \$19,348 | \$0 | \$0 | \$7,464 | \$53,965 |
| 167 Public Service Co of Oklahoma - Distribution | \$1,484,189 | \$0 | \$19,695 | \$67,644 | \$0 | \$0 | \$29,144 | \$116,482 |
| 198 Public Service Co of Oklahoma - Generation | 335,688 | 0 | 524 | 15,476 | 0 | 0 | 6,592 | 22,592 |
| 114 Public Service Co of Oklahoma - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Public Service Co. of Oklahoma | \$1,819,877 | \$0 | \$20,219 | \$83,119 | \$0 | \$0 | \$35,736 | \$139,073 |
| 159 Southwestern Electric Power Co - Distribution | \$490,522 | \$0 | \$34,666 | \$23,260 | \$0 | \$0 | \$9,632 | \$67,558 |
| 168 Southwestern Electric Power Co - Generation | 885,234 | 0 | 2,047 | 40,955 | 0 | 0 | 17,382 | 60,384 |
| 161 Southwestern Electric Power Co - Texas - Distribution | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 111 Southwestern Electric Power Co - Texas - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 194 Southwestern Electric Power Co - Transmission | (1,819) | 0 | 0 | (87) | 0 | 0 | (36) | (123) |
| Southwestern Electric Power Co. | \$1,373,937 | \$0 | \$36,713 | \$64,128 | \$0 | \$0 | \$26,978 | \$127,819 |
| 119 AEP Texas North Company - Distribution | \$506,075 | \$0 | \$0 | \$22,397 | \$0 | \$0 | \$9,937 | \$32,334 |
| 166 AEP Texas North Company - Generation | 488,179 | 0 | 0 | 22,176 | 0 | 0 | 9,586 | 31,762 |
| 192 AEP Texas North Company - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Texas North Co. | \$994,254 | \$0 | \$0 | \$44,573 | \$0 | \$0 | \$19,523 | \$64,096 |
| 230 Kingsport Power Co - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 260 Kingsport Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kingsport Power Co. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 210 Wheeling Power Co - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 200 Wheeling Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wheeling Power Co. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 103 American Electric Power Service Corporation | \$45,302,801 | \$0 | \$736,708 | \$2,074,778 | \$0 | (\$1) | \$889,567 | \$3,701,051 |
| 293 Elmwood | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 292 AEP River Operations LLC | (392) | 0 | 0 | (19) | 0 | 0 | (8) | (27) |
| American Electric Power Service Corp | \$45,302,409 | \$0 | \$736,708 | \$2,074,759 | \$0 | (\$1) | \$889,559 | \$3,701,024 |
| 143 AEP Pro Serv, Inc. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 189 Central Coal Company | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 171 CSW Energy, Inc. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 270 Cook Coal Terminal | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| AEP Generating Company | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 104 Cardinal Operating Company | \$1,661 | \$0 | \$1 | \$74 | \$0 | \$0 | \$33 | \$108 |
| 181 Ohio Power Co - Generation | 793,586 | 0 | 10,807 | 37,186 | 0 | 0 | 15,583 | 63,576 |
| AEP Generation Resources - FERC | \$795,247 | \$0 | \$10,808 | \$37,259 | \$0 | \$0 | \$15,616 | \$63,683 |
| 290 Conesville Coal Preparation Company | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Generation Resources - SEC | \$795,247 | \$0 | \$10,808 | \$37,259 | \$0 | \$0 | \$15,616 | \$63,683 |
| 175 AEP Energy Partners | 3,546,920 | 0 | 125,763 | 172,266 | 0 | 0 | 69,647 | 367,676 |
| 419 Onsite Partners | 32,882 | 0 | 0 | 1,573 | 0 | 0 | 646 | 2,219 |
| AEP Energy Supply | \$4,375,049 | \$0 | \$136,571 | \$211,099 | \$0 | \$0 | \$85,909 | \$433,579 |
| 245 Dolet Hills | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Dolet Hills | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total | \$57,794,506 | \$0 | \$1,122,648 | \$2,666,676 | \$0 | (\$1) | \$1,134,852 | \$4,924,173 |

AMERICAN ELECTRIC POWER
 NONQUALIFIED RETIREMENT PLAN
 ESTIMATED 2023 NET PERIODIC PENSION COST

| Location | Projected Benefit Obligation | Market-Related Value of Assets | Service Cost | Interest Cost | Expected Return on Assets | Amortization of Prior Service Cost | Amortization of Gain/Loss | Net Periodic Pension Cost |
|---|------------------------------|--------------------------------|--------------------|--------------------|---------------------------|------------------------------------|---------------------------|---------------------------|
| 140 Appalachian Power Co - Distribution | \$375,545 | \$0 | \$31,939 | \$18,474 | \$0 | \$0 | \$7,402 | \$57,815 |
| 215 Appalachian Power Co - Generation | 1,487 | 0 | 127 | 71 | 0 | 0 | 29 | 227 |
| 150 Appalachian Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Appalachian Power Co. - FERC | \$377,032 | \$0 | \$32,066 | \$18,546 | \$0 | \$0 | \$7,431 | \$58,043 |
| 225 Cedar Coal Co | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Appalachian Power Co. - SEC | \$377,032 | \$0 | \$32,066 | \$18,546 | \$0 | \$0 | \$7,431 | \$58,043 |
| 211 AEP Texas Central Company - Distribution | \$1,464,419 | \$0 | \$10,234 | \$66,096 | \$0 | \$0 | \$28,863 | \$105,193 |
| 147 AEP Texas Central Company - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 169 AEP Texas Central Company - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Texas Central Co. | \$1,464,419 | \$0 | \$10,234 | \$66,096 | \$0 | \$0 | \$28,863 | \$105,193 |
| 170 Indiana Michigan Power Co - Distribution | \$475,620 | \$0 | \$27,850 | \$23,444 | \$0 | \$0 | \$9,374 | \$60,668 |
| 132 Indiana Michigan Power Co - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 190 Indiana Michigan Power Co - Nuclear | 1,144,745 | 0 | 98,383 | 58,596 | 0 | 0 | 22,562 | 179,541 |
| 120 Indiana Michigan Power Co - Transmission | 59,042 | 0 | 0 | 2,627 | 0 | 0 | 1,164 | 3,791 |
| 280 Ind Mich River Transp Lakin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana Michigan Power Co. - FERC | \$1,679,407 | \$0 | \$126,233 | \$84,667 | \$0 | \$0 | \$33,100 | \$244,000 |
| 202 Price River Coal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana Michigan Power Co. - SEC | \$1,679,407 | \$0 | \$126,233 | \$84,667 | \$0 | \$0 | \$33,100 | \$244,000 |
| 110 Kentucky Power Co - Distribution | (\$900) | \$0 | \$5,016 | \$198 | \$0 | \$0 | (\$18) | \$5,196 |
| 117 Kentucky Power Co - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180 Kentucky Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 600 Kentucky Power Co - Kammer Actives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 701 Kentucky Power Co - Mitchell Actives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 702 Kentucky Power Co - Mitchell Inactives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky Power Co. | (\$900) | \$0 | \$5,016 | \$198 | \$0 | \$0 | (\$18) | \$5,196 |
| 250 Ohio Power Co - Distribution | \$418,175 | \$0 | \$28,511 | \$21,186 | \$0 | \$0 | \$8,242 | \$57,939 |
| 160 Ohio Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ohio Power Co. | \$418,175 | \$0 | \$28,511 | \$21,186 | \$0 | \$0 | \$8,242 | \$57,939 |
| 167 Public Service Co of Oklahoma - Distribution | \$1,379,999 | \$0 | \$20,679 | \$62,432 | \$0 | \$0 | \$27,199 | \$110,309 |
| 198 Public Service Co of Oklahoma - Generation | 323,760 | 0 | 551 | 14,896 | 0 | 0 | 6,381 | 21,828 |
| 114 Public Service Co of Oklahoma - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Public Service Co. of Oklahoma | \$1,703,759 | \$0 | \$21,230 | \$77,329 | \$0 | \$0 | \$33,580 | \$132,138 |
| 159 Southwestern Electric Power Co - Distribution | \$466,272 | \$0 | \$36,400 | \$22,544 | \$0 | \$0 | \$9,190 | \$68,134 |
| 168 Southwestern Electric Power Co - Generation | 859,323 | 0 | 2,149 | 39,529 | 0 | 0 | 16,937 | 58,615 |
| 161 Southwestern Electric Power Co - Texas - Distribution | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 111 Southwestern Electric Power Co - Texas - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 194 Southwestern Electric Power Co - Transmission | (1,906) | 0 | 0 | (91) | 0 | 0 | (38) | (129) |
| Southwestern Electric Power Co. | \$1,323,689 | \$0 | \$38,549 | \$61,981 | \$0 | \$0 | \$26,089 | \$126,619 |
| 119 AEP Texas North Company - Distribution | \$448,595 | \$0 | \$0 | \$19,720 | \$0 | \$0 | \$8,841 | \$28,561 |
| 166 AEP Texas North Company - Generation | 457,391 | 0 | 0 | 20,701 | 0 | 0 | 9,015 | 29,716 |
| 192 AEP Texas North Company - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Texas North Co. | \$905,986 | \$0 | \$0 | \$40,422 | \$0 | \$0 | \$17,856 | \$58,278 |
| 230 Kingsport Power Co - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 260 Kingsport Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kingsport Power Co. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 210 Wheeling Power Co - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 200 Wheeling Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wheeling Power Co. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 103 American Electric Power Service Corporation | \$42,417,578 | \$0 | \$773,543 | \$1,952,606 | \$0 | (\$1) | \$836,018 | \$3,562,165 |
| 293 Elmwood | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 292 AEP River Operations LLC | (411) | 0 | 0 | (20) | 0 | 0 | (8) | (28) |
| American Electric Power Service Corp | \$42,417,167 | \$0 | \$773,543 | \$1,952,586 | \$0 | (\$1) | \$836,010 | \$3,562,137 |
| 143 AEP Pro Serv, Inc. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 189 Central Coal Company | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 171 CSW Energy, Inc. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 270 Cook Coal Terminal | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| AEP Generating Company | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 104 Cardinal Operating Company | \$1,483 | \$0 | \$1 | \$66 | \$0 | \$0 | \$29 | \$96 |
| 181 Ohio Power Co - Generation | 781,489 | 0 | 11,348 | 36,647 | 0 | 0 | 15,403 | 63,398 |
| AEP Generation Resources - FERC | \$782,972 | \$0 | \$11,349 | \$36,713 | \$0 | \$0 | \$15,432 | \$63,494 |
| 290 Conesville Coal Preparation Company | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Generation Resources - SEC | \$782,972 | \$0 | \$11,349 | \$36,713 | \$0 | \$0 | \$15,432 | \$63,494 |
| 175 AEP Energy Partners | 3,675,337 | 0 | 132,051 | 178,577 | 0 | 0 | 72,438 | 383,066 |
| 419 Onsite Partners | 34,248 | 0 | 0 | 1,637 | 0 | 0 | 675 | 2,312 |
| AEP Energy Supply | \$4,492,557 | \$0 | \$143,400 | \$216,927 | \$0 | \$0 | \$88,545 | \$448,872 |
| 245 Dolet Hills | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Dolet Hills | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total | \$54,781,291 | \$0 | \$1,178,782 | \$2,539,937 | \$0 | (\$1) | \$1,079,698 | \$4,798,414 |

Excess Benefit Plan

AMERICAN ELECTRIC POWER
 NONQUALIFIED RETIREMENT PLAN
 ESTIMATED 2024 NET PERIODIC PENSION COST

| Location | Projected Benefit Obligation | Market-Related Value of Assets | Service Cost | Interest Cost | Expected Return on Assets | Amortization of Prior Service Cost | Amortization of Gain/Loss | Net Periodic Pension Cost |
|---|------------------------------|--------------------------------|--------------------|--------------------|---------------------------|------------------------------------|---------------------------|---------------------------|
| 140 Appalachian Power Co - Distribution | \$380,222 | \$0 | \$33,536 | \$18,769 | \$0 | \$0 | \$7,427 | \$59,732 |
| 215 Appalachian Power Co - Generation | 1,421 | 0 | 133 | 68 | 0 | 0 | 28 | 229 |
| 150 Appalachian Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Appalachian Power Co. - FERC | \$381,643 | \$0 | \$33,669 | \$18,837 | \$0 | \$0 | \$7,455 | \$59,961 |
| 225 Cedar Coal Co | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Appalachian Power Co. - SEC | \$381,643 | \$0 | \$33,669 | \$18,837 | \$0 | \$0 | \$7,455 | \$59,961 |
| 211 AEP Texas Central Company - Distribution | \$1,343,117 | \$0 | \$10,745 | \$60,133 | \$0 | \$0 | \$26,235 | \$97,113 |
| 147 AEP Texas Central Company - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 169 AEP Texas Central Company - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Texas Central Co. | \$1,343,117 | \$0 | \$10,745 | \$60,133 | \$0 | \$0 | \$26,235 | \$97,113 |
| 170 Indiana Michigan Power Co - Distribution | \$496,448 | \$0 | \$29,243 | \$23,640 | \$0 | \$0 | \$9,697 | \$62,580 |
| 132 Indiana Michigan Power Co - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 190 Indiana Michigan Power Co - Nuclear | 1,256,428 | 0 | 103,302 | 62,882 | 0 | 0 | 24,542 | 190,726 |
| 120 Indiana Michigan Power Co - Transmission | 52,959 | 0 | 0 | 2,346 | 0 | 0 | 1,034 | 3,380 |
| 280 Ind Mich River Transp Lakin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana Michigan Power Co. - FERC | \$1,805,835 | \$0 | \$132,545 | \$88,867 | \$0 | \$0 | \$35,273 | \$256,685 |
| 202 Price River Coal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana Michigan Power Co. - SEC | \$1,805,835 | \$0 | \$132,545 | \$88,867 | \$0 | \$0 | \$35,273 | \$256,685 |
| 110 Kentucky Power Co - Distribution | \$4,314 | \$0 | \$5,267 | \$460 | \$0 | \$0 | \$84 | \$5,811 |
| 117 Kentucky Power Co - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180 Kentucky Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 600 Kentucky Power Co - Kammer Actives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 701 Kentucky Power Co - Mitchell Actives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 702 Kentucky Power Co - Mitchell Inactives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky Power Co. | \$4,314 | \$0 | \$5,267 | \$460 | \$0 | \$0 | \$84 | \$5,811 |
| 250 Ohio Power Co - Distribution | \$457,121 | \$0 | \$29,936 | \$23,102 | \$0 | \$0 | \$8,929 | \$61,967 |
| 160 Ohio Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ohio Power Co. | \$457,121 | \$0 | \$29,936 | \$23,102 | \$0 | \$0 | \$8,929 | \$61,967 |
| 167 Public Service Co of Oklahoma - Distribution | \$1,260,732 | \$0 | \$21,713 | \$57,396 | \$0 | \$0 | \$24,626 | \$103,734 |
| 198 Public Service Co of Oklahoma - Generation | 310,926 | 0 | 578 | 14,275 | 0 | 0 | 6,073 | 20,926 |
| 114 Public Service Co of Oklahoma - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Public Service Co. of Oklahoma | \$1,571,658 | \$0 | \$22,291 | \$71,670 | \$0 | \$0 | \$30,699 | \$124,659 |
| 159 Southwestern Electric Power Co - Distribution | \$458,426 | \$0 | \$38,220 | \$22,366 | \$0 | \$0 | \$8,954 | \$69,540 |
| 168 Southwestern Electric Power Co - Generation | 824,184 | 0 | 2,257 | 38,019 | 0 | 0 | 16,099 | 56,375 |
| 161 Southwestern Electric Power Co - Texas - Distribution | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 111 Southwestern Electric Power Co - Texas - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 194 Southwestern Electric Power Co - Transmission | (1,997) | 0 | 0 | (96) | 0 | 0 | (39) | (135) |
| Southwestern Electric Power Co. | \$1,280,613 | \$0 | \$40,477 | \$60,289 | \$0 | \$0 | \$25,014 | \$125,780 |
| 119 AEP Texas North Company - Distribution | \$391,916 | \$0 | \$0 | \$17,102 | \$0 | \$0 | \$7,655 | \$24,757 |
| 166 AEP Texas North Company - Generation | 425,247 | 0 | 0 | 19,168 | 0 | 0 | 8,306 | 27,474 |
| 192 AEP Texas North Company - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Texas North Co. | \$817,163 | \$0 | \$0 | \$36,269 | \$0 | \$0 | \$15,961 | \$52,230 |
| 230 Kingsport Power Co - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 260 Kingsport Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kingsport Power Co. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 210 Wheeling Power Co - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 200 Wheeling Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wheeling Power Co. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 103 American Electric Power Service Corporation | \$40,060,474 | \$0 | \$812,221 | \$1,811,431 | \$0 | (\$1) | \$782,502 | \$3,406,172 |
| 293 Elmwood | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 292 AEP River Operations LLC | (431) | 0 | 0 | (21) | 0 | 0 | (8) | (29) |
| American Electric Power Service Corp | \$40,060,043 | \$0 | \$812,221 | \$1,811,431 | \$0 | (\$1) | \$782,494 | \$3,406,144 |
| 143 AEP Pro Serv, Inc. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 189 Central Coal Company | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 171 CSW Energy, Inc. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 270 Cook Coal Terminal | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| AEP Generating Company | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 104 Cardinal Operating Company | \$1,323 | \$0 | \$1 | \$59 | \$0 | \$0 | \$26 | \$86 |
| 181 Ohio Power Co - Generation | 770,089 | 0 | 11,915 | 36,140 | 0 | 0 | 15,042 | 63,097 |
| AEP Generation Resources - FERC | \$771,412 | \$0 | \$11,916 | \$36,199 | \$0 | \$0 | \$15,068 | \$63,183 |
| 290 Conesville Coal Preparation Company | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Generation Resources - SEC | \$771,412 | \$0 | \$11,916 | \$36,199 | \$0 | \$0 | \$15,068 | \$63,183 |
| 175 AEP Energy Partners | 3,809,846 | 0 | 138,654 | 185,173 | 0 | 0 | 74,418 | 398,245 |
| 419 Onsite Partners | 35,589 | 0 | 0 | 1,699 | 0 | 0 | 695 | 2,394 |
| AEP Energy Supply | \$4,616,847 | \$0 | \$150,570 | \$223,070 | \$0 | \$0 | \$90,181 | \$463,821 |
| 245 Dolet Hills | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Dolet Hills | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total | \$52,338,354 | \$0 | \$1,237,721 | \$2,394,131 | \$0 | (\$1) | \$1,022,325 | \$4,654,174 |

AMERICAN ELECTRIC POWER
 NONQUALIFIED RETIREMENT PLAN
 ESTIMATED 2025 NET PERIODIC PENSION COST

| Location | Projected Benefit Obligation | Market-Related Value of Assets | Service Cost | Interest Cost | Expected Return on Assets | Amortization of Prior Service Cost | Amortization of Gain/Loss | Net Periodic Pension Cost |
|---|------------------------------|--------------------------------|--------------------|--------------------|---------------------------|------------------------------------|---------------------------|---------------------------|
| 140 Appalachian Power Co - Distribution | \$386,530 | \$0 | \$35,213 | \$18,982 | \$0 | \$0 | \$7,825 | \$62,020 |
| 215 Appalachian Power Co - Generation | 1,344 | 0 | 140 | 21 | 0 | 0 | 27 | 188 |
| 150 Appalachian Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Appalachian Power Co. - FERC | \$387,874 | \$0 | \$35,353 | \$19,003 | \$0 | \$0 | \$7,852 | \$62,208 |
| 225 Cedar Coal Co | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Appalachian Power Co. - SEC | \$387,874 | \$0 | \$35,353 | \$19,003 | \$0 | \$0 | \$7,852 | \$62,208 |
| 211 AEP Texas Central Company - Distribution | \$1,209,430 | \$0 | \$11,283 | \$54,239 | \$0 | \$0 | \$24,483 | \$90,005 |
| 147 AEP Texas Central Company - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 169 AEP Texas Central Company - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Texas Central Co. | \$1,209,430 | \$0 | \$11,283 | \$54,239 | \$0 | \$0 | \$24,483 | \$90,005 |
| 170 Indiana Michigan Power Co - Distribution | \$482,145 | \$0 | \$30,705 | \$22,384 | \$0 | \$0 | \$9,760 | \$62,849 |
| 132 Indiana Michigan Power Co - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 190 Indiana Michigan Power Co - Nuclear | 1,322,050 | 0 | 108,467 | 66,425 | 0 | 0 | 26,762 | 201,654 |
| 120 Indiana Michigan Power Co - Transmission | 47,039 | 0 | 0 | 2,073 | 0 | 0 | 952 | 3,025 |
| 280 Ind Mich River Transp Lakin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana Michigan Power Co. - FERC | \$1,851,234 | \$0 | \$139,172 | \$90,882 | \$0 | \$0 | \$37,474 | \$267,528 |
| 202 Price River Coal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana Michigan Power Co. - SEC | \$1,851,234 | \$0 | \$139,172 | \$90,882 | \$0 | \$0 | \$37,474 | \$267,528 |
| 110 Kentucky Power Co - Distribution | \$10,041 | \$0 | \$5,530 | \$747 | \$0 | \$0 | \$203 | \$6,480 |
| 117 Kentucky Power Co - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180 Kentucky Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 600 Kentucky Power Co - Kammer Actives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 701 Kentucky Power Co - Mitchell Actives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 702 Kentucky Power Co - Mitchell Inactives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky Power Co. | \$10,041 | \$0 | \$5,530 | \$747 | \$0 | \$0 | \$203 | \$6,480 |
| 250 Ohio Power Co - Distribution | \$498,510 | \$0 | \$31,433 | \$25,138 | \$0 | \$0 | \$10,091 | \$66,662 |
| 160 Ohio Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ohio Power Co. | \$498,510 | \$0 | \$31,433 | \$25,138 | \$0 | \$0 | \$10,091 | \$66,662 |
| 167 Public Service Co of Oklahoma - Distribution | \$1,164,387 | \$0 | \$22,799 | \$53,136 | \$0 | \$0 | \$23,571 | \$99,505 |
| 198 Public Service Co of Oklahoma - Generation | 297,213 | 0 | 607 | 13,613 | 0 | 0 | 6,017 | 20,237 |
| 114 Public Service Co of Oklahoma - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Public Service Co. of Oklahoma | \$1,461,600 | \$0 | \$23,406 | \$66,749 | \$0 | \$0 | \$29,588 | \$119,742 |
| 159 Southwestern Electric Power Co - Distribution | \$456,897 | \$0 | \$40,131 | \$22,491 | \$0 | \$0 | \$9,249 | \$71,871 |
| 168 Southwestern Electric Power Co - Generation | 794,900 | 0 | 2,370 | 36,606 | 0 | 0 | 16,091 | 55,067 |
| 161 Southwestern Electric Power Co - Texas - Distribution | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 111 Southwestern Electric Power Co - Texas - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 194 Southwestern Electric Power Co - Transmission | (2,093) | 0 | 0 | (100) | 0 | 0 | (42) | (142) |
| Southwestern Electric Power Co. | \$1,249,704 | \$0 | \$42,501 | \$58,996 | \$0 | \$0 | \$25,298 | \$126,795 |
| 119 AEP Texas North Company - Distribution | \$336,922 | \$0 | \$0 | \$14,584 | \$0 | \$0 | \$6,820 | \$21,404 |
| 166 AEP Texas North Company - Generation | 391,953 | 0 | 0 | 17,586 | 0 | 0 | 7,934 | 25,520 |
| 192 AEP Texas North Company - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Texas North Co. | \$728,875 | \$0 | \$0 | \$32,169 | \$0 | \$0 | \$14,754 | \$46,923 |
| 230 Kingsport Power Co - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 260 Kingsport Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kingsport Power Co. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 210 Wheeling Power Co - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 200 Wheeling Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wheeling Power Co. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 103 American Electric Power Service Corporation | \$36,341,553 | \$0 | \$852,832 | \$1,679,579 | \$0 | (\$1) | \$735,667 | \$3,268,076 |
| 293 Elmwood | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 292 AEP River Operations LLC | (452) | 0 | 0 | (22) | 0 | 0 | (9) | (31) |
| American Electric Power Service Corp | \$36,341,101 | \$0 | \$852,832 | \$1,679,558 | \$0 | (\$1) | \$735,658 | \$3,268,046 |
| 143 AEP Pro Serv, Inc. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 189 Central Coal Company | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 171 CSW Energy, Inc. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 270 Cook Coal Terminal | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| AEP Generating Company | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 104 Cardinal Operating Company | \$1,190 | \$0 | \$1 | \$53 | \$0 | \$0 | \$24 | \$78 |
| 181 Ohio Power Co - Generation | 759,284 | 0 | 12,511 | 35,657 | 0 | 0 | 15,370 | 63,538 |
| AEP Generation Resources - FERC | \$760,474 | \$0 | \$12,512 | \$35,710 | \$0 | \$0 | \$15,394 | \$63,616 |
| 290 Conesville Coal Preparation Company | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Generation Resources - SEC | \$760,474 | \$0 | \$12,512 | \$35,710 | \$0 | \$0 | \$15,394 | \$63,616 |
| 175 AEP Energy Partners | 3,950,049 | 0 | 145,586 | 191,562 | 0 | 0 | 79,961 | 417,109 |
| 419 Onsite Partners | 36,882 | 0 | 0 | 1,758 | 0 | 0 | 747 | 2,505 |
| AEP Energy Supply | \$4,747,405 | \$0 | \$158,098 | \$229,029 | \$0 | \$0 | \$96,102 | \$483,229 |
| 245 Dolet Hills | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Dolet Hills | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total | \$48,485,774 | \$0 | \$1,299,608 | \$2,256,511 | \$0 | (\$1) | \$981,503 | \$4,537,619 |

Excess Benefit Plan

AMERICAN ELECTRIC POWER
 NONQUALIFIED RETIREMENT PLAN
 ESTIMATED 2026 NET PERIODIC PENSION COST

| Location | Projected Benefit Obligation | Market-Related Value of Assets | Service Cost | Interest Cost | Expected Return on Assets | Amortization of Prior Service Cost | Amortization of Gain/Loss | Net Periodic Pension Cost |
|---|------------------------------|--------------------------------|--------------------|--------------------|---------------------------|------------------------------------|---------------------------|---------------------------|
| 140 Appalachian Power Co - Distribution | \$387,537 | \$0 | \$36,974 | \$19,372 | \$0 | \$0 | \$7,728 | \$64,074 |
| 215 Appalachian Power Co - Generation | (611) | 0 | 147 | (22) | 0 | 0 | (12) | 113 |
| 150 Appalachian Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Appalachian Power Co. - FERC | \$386,926 | \$0 | \$37,121 | \$19,350 | \$0 | \$0 | \$7,716 | \$64,187 |
| 225 Cedar Coal Co | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Appalachian Power Co. - SEC | \$386,926 | \$0 | \$37,121 | \$19,350 | \$0 | \$0 | \$7,716 | \$64,187 |
| 211 AEP Texas Central Company - Distribution | \$1,091,312 | \$0 | \$11,847 | \$48,803 | \$0 | \$0 | \$21,762 | \$82,412 |
| 147 AEP Texas Central Company - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 169 AEP Texas Central Company - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Texas Central Co. | \$1,091,312 | \$0 | \$11,847 | \$48,803 | \$0 | \$0 | \$21,762 | \$82,412 |
| 170 Indiana Michigan Power Co - Distribution | \$441,113 | \$0 | \$32,240 | \$21,444 | \$0 | \$0 | \$8,796 | \$62,480 |
| 132 Indiana Michigan Power Co - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 190 Indiana Michigan Power Co - Nuclear | 1,402,504 | 0 | 113,890 | 70,862 | 0 | 0 | 27,967 | 212,719 |
| 120 Indiana Michigan Power Co - Transmission | 41,322 | 0 | 0 | 1,811 | 0 | 0 | 824 | 2,635 |
| 280 Ind Mich River Transp Lakin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana Michigan Power Co. - FERC | \$1,884,939 | \$0 | \$146,130 | \$94,117 | \$0 | \$0 | \$37,587 | \$277,834 |
| 202 Price River Coal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana Michigan Power Co. - SEC | \$1,884,939 | \$0 | \$146,130 | \$94,117 | \$0 | \$0 | \$37,587 | \$277,834 |
| 110 Kentucky Power Co - Distribution | \$16,318 | \$0 | \$5,807 | \$1,062 | \$0 | \$0 | \$325 | \$7,194 |
| 117 Kentucky Power Co - Generation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180 Kentucky Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 600 Kentucky Power Co. - Kammer Actives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 701 Kentucky Power Co. - Mitchell Actives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 702 Kentucky Power Co. - Mitchell Inactives | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kentucky Power Co. | \$16,318 | \$0 | \$5,807 | \$1,062 | \$0 | \$0 | \$325 | \$7,194 |
| 250 Ohio Power Co - Distribution | \$542,460 | \$0 | \$33,004 | \$27,296 | \$0 | \$0 | \$10,817 | \$71,117 |
| 160 Ohio Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ohio Power Co. | \$542,460 | \$0 | \$33,004 | \$27,296 | \$0 | \$0 | \$10,817 | \$71,117 |
| 167 Public Service Co of Oklahoma - Distribution | \$1,078,058 | \$0 | \$23,939 | \$48,927 | \$0 | \$0 | \$21,497 | \$94,362 |
| 198 Public Service Co of Oklahoma - Generation | 282,662 | 0 | 637 | 12,913 | 0 | 0 | 5,637 | 19,187 |
| 114 Public Service Co of Oklahoma - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Public Service Co. of Oklahoma | \$1,360,720 | \$0 | \$24,576 | \$61,840 | \$0 | \$0 | \$27,134 | \$113,549 |
| 159 Southwestern Electric Power Co - Distribution | \$461,910 | \$0 | \$42,137 | \$23,036 | \$0 | \$0 | \$9,211 | \$74,384 |
| 168 Southwestern Electric Power Co - Generation | 763,750 | 0 | 2,488 | 35,113 | 0 | 0 | 15,230 | 52,831 |
| 161 Southwestern Electric Power Co - Texas - Distribution | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 111 Southwestern Electric Power Co - Texas - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 194 Southwestern Electric Power Co - Transmission | (2,193) | 0 | 0 | (105) | 0 | 0 | (44) | (149) |
| Southwestern Electric Power Co. | \$1,223,467 | \$0 | \$44,625 | \$58,044 | \$0 | \$0 | \$24,397 | \$127,066 |
| 119 AEP Texas North Company - Distribution | \$284,526 | \$0 | \$0 | \$12,207 | \$0 | \$0 | \$5,674 | \$17,881 |
| 166 AEP Texas North Company - Generation | 357,762 | 0 | 0 | 15,969 | 0 | 0 | 7,134 | 23,103 |
| 192 AEP Texas North Company - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Texas North Co. | \$642,288 | \$0 | \$0 | \$28,177 | \$0 | \$0 | \$12,808 | \$40,985 |
| 230 Kingsport Power Co - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 260 Kingsport Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kingsport Power Co. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 210 Wheeling Power Co - Distribution | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 200 Wheeling Power Co - Transmission | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wheeling Power Co. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 103 American Electric Power Service Corporation | \$34,415,410 | \$0 | \$895,474 | \$1,590,176 | \$0 | (\$1) | \$686,276 | \$3,171,924 |
| 293 Elmwood | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 292 AEP River Operations LLC | (474) | 0 | 0 | (23) | 0 | 0 | (9) | (32) |
| American Electric Power Service Corp | \$34,414,936 | \$0 | \$895,474 | \$1,590,153 | \$0 | (\$1) | \$686,267 | \$3,171,892 |
| 143 AEP Pro Serv, Inc. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 189 Central Coal Company | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 171 CSW Energy, Inc. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miscellaneous | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 270 Cook Coal Terminal | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| AEP Generating Company | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 104 Cardinal Operating Company | \$1,069 | \$0 | \$1 | \$47 | \$0 | \$0 | \$21 | \$69 |
| 181 Ohio Power Co - Generation | 748,874 | 0 | 13,137 | 35,244 | 0 | 0 | 14,933 | 63,314 |
| AEP Generation Resources - FERC | \$749,943 | \$0 | \$13,138 | \$35,291 | \$0 | \$0 | \$14,954 | \$63,383 |
| 290 Conesville Coal Preparation Company | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEP Generation Resources - SEC | \$749,943 | \$0 | \$13,138 | \$35,291 | \$0 | \$0 | \$14,954 | \$63,383 |
| 175 AEP Energy Partners | 4,075,175 | 0 | 162,866 | 197,963 | 0 | 0 | 81,263 | 432,092 |
| 419 Onsite Partners | 38,112 | 0 | 0 | 1,814 | 0 | 0 | 760 | 2,574 |
| AEP Energy Supply | \$4,863,230 | \$0 | \$166,004 | \$235,068 | \$0 | \$0 | \$96,977 | \$498,049 |
| 245 Dolet Hills | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Dolet Hills | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total | \$46,426,596 | \$0 | \$1,364,588 | \$2,163,910 | \$0 | (\$1) | \$925,790 | \$4,454,285 |