

American Electric Power
American Electric Power System Retirement Plan
Actuarial Valuation Report

Pension Cost for Fiscal Year Ending December 31, 2013
under U.S. GAAP

Employer Contributions for Plan Year
Beginning January 1, 2013

April 2013

TOWERS WATSON 

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Purposes of valuation

American Electric Power ("AEP") retained Towers Watson Pennsylvania Inc. ("Towers Watson"), to perform an actuarial valuation of the American Electric Power System Retirement Plan for the purpose of determining the following:

1. The minimum required contribution in accordance with ERISA and the Internal Revenue Code (IRC) for the plan year beginning January 1, 2013.
2. The estimated maximum tax-deductible contribution for the tax year in which the 2013 plan year ends in accordance with ERISA as allowed by the IRC. The maximum tax-deductible contribution should be finalized in consultation with the Company's tax advisor.
3. Plan accounting information in accordance with FASB Accounting Standards Codification Topic 960 (ASC 960).
4. Determination of the Funding Target Attainment Percentage (FTAP) under IRC §430(d)(2), as reported in the Annual Funding Notice required under ERISA 101(f).
5. The value of benefit obligations as of January 1, 2013 and AEP's pension cost for fiscal year ending December 31, 2013 in accordance with FASB Accounting Standards Codification Topic 715 (ASC 715).

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. This report is not intended to constitute a certification of the Adjusted Funding Target Attainment Percentage (AFTAP) under IRC §430 for any plan year.
2. This report does not determine the plan's liquidity shortfall requirements (if any) under IRC §430(j)(4). If applicable, we will determine such requirements separately as requested by the Company.
3. This report does not determine liabilities on a plan termination basis, for which a separate extensive analysis would be required.
4. The cost method for the minimum required contribution is established under IRC §430 and may not in all circumstances produce adequate assets to pay benefits under all optional forms of payment available under the plan when benefit payments are due.
5. This valuation reflects our understanding of the relevant provisions of the Pension Protection Act of 2006 (PPA); the Worker, Retiree and Employer Recovery Act of 2008 (WRERA); the Preservation of Access to Care for Medicare Beneficiaries and Pension Relief Act of 2010 (PRA), and the Moving Ahead for Progress in the 21st Century Act (MAP-21). The IRS has yet to issue final guidance with respect to certain aspects of these laws. It is possible that future guidance may conflict with our understanding of these laws based on currently available guidance and could therefore affect results shown in this report.
6. Based on an election by AEP, the 2012 valuation reflected the provisions of MAP-21 for both minimum funding requirements and benefit restriction purposes. MAP-21 imposes corridors around the segment rates used for funding purposes for 2013 plan years, with optional applicability for 2012 plan years. Under MAP-21, the corridors do not apply for purposes of determining (i) unfunded vested benefits for PBGC premium purposes, (ii) whether an ERISA §4010 filing is required with PBGC, or (iii) the maximum tax-deductible contribution.

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Section 1: Summary of results

Summary of valuation results

All monetary amounts shown in US Dollars

Plan Year Beginning	January 1, 2013	January 1, 2012
Funding		
Market value of assets with discounted receivable contributions	4,704,119,951	4,414,994,593
Actuarial value of assets	4,699,409,537	4,379,946,416
Funding balances	668,470,627	553,175,546
Funding target	4,024,284,946	3,821,837,296
Target normal cost	61,416,651	59,326,765
Funding shortfall (surplus)	(6,653,964)	(4,933,574)
Funding target attainment percentage (FTAP)	100.16%	100.10%
Minimum required contribution		
Prior to application of funding balances	54,762,687	54,393,192
Net of available funding balances	0	0
Effective interest rate	6.24%	6.90%
U.S. GAAP Accounting (ASC 715) as of Measurement Date		
Projected benefit obligation (PBO)	5,158,918,282	4,914,261,689
Fair value of assets (without receivable contributions)	4,704,119,951	4,319,006,165
Funded status	(454,798,331)	(595,255,524)
Pension cost (excluding effects of settlements, curtailments and termination benefits) for fiscal year	172,774,577	122,179,275
Discount rate	3.95%	4.55%
Participants as of Census Date		
Active employees	17,631	18,056
Participants with deferred benefits	4,218	6,077
Participants receiving benefits	16,292	16,262
Total	38,141	40,395
Plan Accounting (ASC 960)		
Present value of accumulated benefits	3,953,640,036	3,731,797,993
Market value of assets with receivable contributions	4,704,119,951	4,419,006,165
Plan accounting discount rate	6.50%	7.25%

Minimum required contribution and funding policy

All monetary amounts shown in US Dollars

Plan Year Beginning	January 1, 2013	January 1, 2012
Minimum Required Contribution [MRC]		
Prior to application of funding balances	54,762,687	54,393,192
Net of available funding balances	0	0
Sponsor's Funding Policy Contribution	100,000,000	200,000,000

Our understanding of the current sponsor's funding policy is to contribute the greater of \$100 million and the minimum required contribution. We understand that the sponsor may deviate from this policy based on cash, tax or other considerations. Contributions of \$200,000,000 were made during plan year 2012 under this policy, with \$100,000,000 applied to plan year 2011 and the remainder applied to plan year 2012.

The minimum required contribution for the 2013 plan year must be partially satisfied in quarterly installments during the plan year, with a final payment due by September 15, 2014. These requirements may be satisfied through contributions and/or an election to apply the available funding balances. The minimum required contribution is determined assuming it is paid as of the valuation date for the plan year. Contributions made on a date other than the valuation date must be adjusted for interest at the plan's effective interest rate. The minimum funding schedule, before reflecting any funding balance elections or amounts already contributed for the 2013 plan year prior to the issuance of this report, is shown below:

All monetary amounts shown in US Dollars

Due Date	Amount
April 15, 2013	0
July 15, 2013	0
October 15, 2013	0
January 15, 2014	0
September 15, 2014	60,718,425

Because the plan does not have a funding shortfall, quarterly contributions for the 2013 plan year will not be required.

Change in minimum funding requirement and funding shortfall

The minimum funding requirement increased from \$54,393,192 for the 2012 plan year to \$54,762,687 for the 2013 plan year, and the funding shortfall (surplus) declined from \$(4,933,574) on January 1, 2012 to \$(6,653,964) on January 1, 2013, as set forth below:

All monetary amounts shown in US Dollars

	Minimum Funding Requirement	Funding Shortfall (Surplus)
Prior year	54,393,192	(4,933,574)
Change due to:		
Expected based on prior valuation, contributions, and use of/creation of funding balances	7,306,644	47,334,525
Sponsor election to reduce funding balances	0	0
Unexpected noninvestment experience	1,070,255	7,370,516
Unexpected investment experience	(62,770,091)	(269,087,424)
Assumption changes	54,762,687	212,661,993
Method changes	0	0
Unpredictable contingent events	0	0
Becoming at-risk	0	0
Reflection of MAP-21	0	0
Plan amendments	0	0
Current year	54,762,687	(6,653,964)

Significant reasons for these changes include the following:

- The return on the actuarial value of assets since the prior valuation was greater than expected, which reduced the minimum funding requirement and the funding shortfall.
- The plan's effective interest rate decreased 66 basis points compared to the prior year, which increased the minimum funding requirement and the funding shortfall.
- The required mortality table used to value the funding target and target normal cost was updated to include one additional year of projected mortality improvements, which increased the minimum funding requirement and the funding shortfall.
- The long-term cash balance interest crediting rate was changed from 4.50% to 4.00%, which decreased the minimum funding requirement.
- Assumed plan-related expenses of \$3,568,058 were less than those in the prior year which decreased the minimum funding requirement.

Funding ratios

The Pension Protection Act of 2006 (PPA) defines several Funding Ratios. All of these ratios are based on a ratio of plan assets to plan liabilities, but the assets and liabilities are defined differently for different purposes. Depending on the purpose, the assets may be market value or, if different, a smoothed actuarial value of assets, and may be reduced by the prefunding balance or all funding balances. The liabilities may be based on the funding target, funding target disregarding at-risk assumptions, or the funding target calculated using at-risk assumptions (see the At-Risk status section below for a discussion of at-risk assumptions), and may or may not reflect the interest rate corridors of MAP-21.

Following are the key funding ratios and their implications for the 2013 or 2014 plan years.

Purpose of Ratio	Percent	Threshold	Implications
January 1, 2012 Funding Ratios			
Use of the funding balances to satisfy the 2013 Minimum Required Contribution (MRC)	105.93%	80%	Because the percent is greater than or equal to the threshold, the funding balances can be used to satisfy 2013 MRC
Quarterly contribution exemption test for 2013	100.10%	100%	Because the percent is greater than or equal to the threshold, quarterly contributions are not required for 2013
At-risk Prong 1 Test for 2013	100.10%	80%	Because at least one of the percents is greater than or equal to the thresholds, the plan is not at risk in 2013
At-risk Prong 2 Test for 2013	N/A	70%	
January 1, 2013 Funding Ratios			
Use of the funding balances to satisfy the 2014 MRC	104.88%	80%	Because the percent is greater than or equal to the threshold, the funding balances can be used to satisfy 2014 MRC
Quarterly contribution exemption test for 2014	100.16%	100%	Because the percent is greater than or equal to the threshold, quarterly contributions are not required for 2014
At-risk Prong 1 Test for 2014	100.16%	80%	Because at least one of the percents is greater than or equal to the thresholds, the plan is not at risk in 2014
At-risk Prong 2 Test for 2014	N/A	70%	
PBGC 4010 filing in 2014	86.47%	80%	Because the percent is greater than or equal to (less than) the threshold, this plan does not (may) trigger a 4010 filing in 2014
PBGC variable premium for 2013	100.91%	100%	Because the percent is greater than or equal to the threshold, PBGC variable premiums are not required in 2013

January 1, 2013 Funding Ratios (continued)

Exempt from establishing SAB – prefunding balance applied to the 2013 MRC	116.77%	100%	Because the percent is greater than or equal to the threshold, if prefunding balance is applied to the 2013 MRC, a new Shortfall Amortization Base (SAB) is not created
Exempt from establishing SAB – prefunding balance not applied to the 2013 MRC	116.77%	100%	Because the percent is greater than or equal to the threshold, if prefunding balance is not applied to the 2013 MRC, a new Shortfall Amortization Base (SAB) is not created
Eliminate SABs	100.16%	100%	Because the percent is greater than or equal to the threshold, the Shortfall Amortization Bases are eliminated

Benefit limitations

The Adjusted Funding Target Attainment Percentage (AFTAP) for the plan year beginning January 1, 2013 is 116.77%. This AFTAP reflects the segment interest rate corridors of MAP-21. This AFTAP may be changed by subsequent events.

Under the PPA, a plan may become subject to various benefit limitations if its AFTAP falls below certain thresholds.

If the AFTAP is below 60%, plans are prohibited from paying lump sums or other accelerated forms of distribution. If the AFTAP is at least 60% but less than 80%, the amounts which can be paid are limited. In addition, lump sums to the 25 highest paid employees may be restricted if a plan's AFTAP is below 110%. These limitations do not apply to mandatory lump sum cash-outs of \$5,000 or less. In addition, plans which were completely frozen before September 2005 are exempt from the restrictions on lump sums and other accelerated forms of distribution.

If the AFTAP is below 60%, benefit accruals must cease, amendments to improve benefits cannot become effective, and plant shutdown benefits and other Unpredictable Contingent Event Benefits (UCEBs) cannot be paid without being fully paid for. In addition, if the AFTAP would be below 80% reflecting a proposed amendment, the plan amendment cannot take effect unless actions are taken to increase plan assets.

To avoid these benefit limitations, a plan sponsor may take a variety of steps, including reducing the funding balances, contributing additional amounts to the plan for the prior plan year, contributing special "designated IRC §436 contributions" for the current plan year, or providing security outside the plan. Not all of these approaches are available for all of the restrictions discussed above. For example, restrictions on accelerated distributions cannot be avoided by making designated IRC §436 contributions.

PBGC reporting requirements

Certain financial and actuarial information (i.e., a "4010 filing") must be provided to the PBGC if the Funding Target Attainment Percentage (FTAP) is less than 80% for any plan in the contributing sponsor's controlled group. However, this reporting requirement may be waived for controlled groups with no more than \$15 million in aggregate funding shortfall. Note that the segment interest rate corridors of MAP-21 do not apply for purposes of determining the FTAP for PBGC 4010 reporting purposes, but they do apply (assuming segment rates are used for funding purposes) for the purpose of determining whether there is \$15 million in aggregate funding shortfall in the controlled group.

The 2013 FTAP for PBGC 4010 reporting is 86.47%. In addition, we understand that American Electric Power System Retirement Plan is the only pension plan within American Electric Power's controlled group. As a result, no 4010 filing is expected to be required for 2013 as a result of the plans' funded status. However, a filing may be required if there are outstanding funding waivers or missed contributions within the controlled group.

At-Risk status for determining minimum required contributions

As defined in the PPA, the plan is not in at-risk status for the 2013 plan year, because the plan's FTAP for the 2012 plan year was at least 80%, and/or the plan's FTAP measured using "at-risk assumptions" was at least 70%.

As defined in the PPA, the plan will not be in at-risk status for the 2014 plan year, because the plan's FTAP for the 2013 plan year is at least 80%, and/or the plan's FTAP measured using "at-risk assumptions" is at least 70%. At-risk status is determined using the same interest rates used for other funding calculation purposes and thus reflects the interest rate corridors of MAP-21.

Pension cost and funded position

The cost of the pension plan is determined in accordance with ASC 715. The Fiscal 2013 pension cost for the plan is \$172,774,577.

Under ASC 715, the funded position (fair value of plan assets less the projected benefit obligation, or "PBO") of each pension plan at the plan sponsor's fiscal year-end (measurement date) is required to be reported as an asset (for overfunded plans) or a liability (for underfunded plans). The PBO is the actuarial present value of benefits attributed to service rendered prior to the measurement date, taking into consideration expected future pay increases for pay-related plans. The plan's overfunded/(underfunded) PBO as of January 1, 2013 was \$(454,798,331), based on the fair value of plan assets of \$4,704,119,951 and the PBO of \$5,158,918,282.

Fiscal year-end financial reporting information and disclosures are prepared before detailed participant data and full valuation results are available. Therefore, the funded position at December 31, 2012 was derived from a roll forward of the January 1, 2012 valuation results, adjusted for the year-end discount rate, changes in other key assumptions and asset values, as well as significant changes in plan provisions and participant population. The fiscal year-end December 31, 2013 financial reporting information will be developed based on the results of the January 1, 2013 valuation, projected to the end of 2013 and similarly adjusted for the year-end discount rate and asset values, as well as significant changes in plan provisions and participant population.

Change in pension cost and funded position

The pension cost increased from \$122,179,275 in fiscal 2012 to \$172,774,577 in fiscal 2013 and the funded position improved from \$(595,255,524) to \$(454,798,331), as set forth below:

	Pension Cost	Funded Position
Prior year	122,179,275	(595,255,524)
Change due to:		
▶ Expected based on prior valuation and contributions during prior year	(13,499,280)	223,476,225
▶ Unexpected noninvestment experience	6,801,993	(17,789,763)
▶ Unexpected investment experience	27,833,325	232,842,849
▶ Assumption changes	29,459,295	(298,072,118)
▶ Plan amendments	0	0
▶ Method change	0	0
▶ Interim events	0	0
Current year	172,774,577	(454,798,331)

Significant reasons for these changes include the following:

- The return on the fair value of plan assets since the prior measurement date was greater than expected, which improved the funded position.
- The return on the market-related value of plan assets, which reflects gradual recognition of asset gains and losses over the past five years, was less than expected, which increased the pension cost.
- Contributions to the plan during the prior year reduced the pension cost and improved the funded position.
- The discount rate declined 60 basis points compared to the prior year, which increased the pension cost and caused the funded position to deteriorate.
- The mortality used to develop benefit obligations was updated for an additional year of mortality improvements which increased the pension cost and worsened the funded position.
- The long-term cash balance interest crediting rate was changed from 4.50% to 4.00%, which decreased the pension cost and improved the funded position.
- The lump sum conversion rate was changed from 6.25% to 5.10% and the mortality table used in lump sum conversions was updated to reflect an additional year of mortality improvements, which decreased the pension cost and improved the funded position.

Basis for valuation

Appendix A summarizes the assumptions and methods used in the valuation. Appendix B summarizes the principal provisions of the plan being valued.

Changes in Assumptions

The discount rate decreased from 4.55% to 3.95%.

The mortality table used to value the benefit obligations was updated from the RP2000 with projections to 2019 for annuitants and to 2027 for nonannuitants to RP2000 with projections to 2020 for annuitants and to 2028 for nonannuitants.

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

The long-term cash balance interest crediting rate was changed from 4.50% to 4.00%.

The lump sum conversion rate was changed from 6.25% to 5.10%.

Changes in Methods

None.

Changes in Benefits Valued

Benefit accruals were suspended for a small group of employees who transferred to AEP Energy (formerly known as BlueStar Energy Solutions).

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 elections provided by AEP and other persons or organizations designated by AEP. We have reviewed this information for overall reasonableness and consistency, but have neither audited nor independently verified this information. 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. In addition, the results in this report are dependent on contributions reported for the prior plan year and maintenance of funding balance elections after the valuation date. We have relied on all the information provided as complete and accurate. 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 information regarding contributions or funding balance maintenance provided to us may have produced results that are not suitable for the purposes of this report and such inaccuracies, as corrected by AEP, may produce materially different results that could require that a revised report be issued.

Assumptions and methods under ERISA and the Internal Revenue Code for funding purposes

As prescribed by regulation, the plan sponsor selected key assumptions and funding methods (including asset valuation method and choice among prescribed interest rates including MAP-21 alternatives) employed in the development of the contribution amounts and communicated them to us in the email dated March 26, 2013. To the extent not prescribed by ERISA, the Internal Revenue Code and regulatory guidance from the Treasury and the IRS, or selected by the sponsor, the actuarial assumptions and methods employed in the development of the contribution amounts have been selected by Towers Watson, with the concurrence of the plan sponsor. It is beyond the scope of this actuarial valuation to analyze the reasonableness and appropriateness of prescribed methods and assumptions, or to analyze other sponsor elections from among the alternatives available for prescribed methods and assumptions.

Other than prescribed assumptions, ERISA and the Internal Revenue Code require the use of assumptions each of which is "reasonable (taking into account the experience of the plan and reasonable expectations), and which, in combination, offer the actuary's best estimate of anticipated experience under the plan." The results shown in this report have been developed based on actuarial assumptions that, to the extent evaluated or selected by Towers Watson, we consider to be reasonable and within the "best-estimate range" as described by the Actuarial Standards of Practice. Other actuarial assumptions could also be considered to be reasonable and within the best-estimate range. Thus, reasonable results differing from those presented in this report could have been developed by selecting different points within the best-estimate ranges for various 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 2013 plan year will change the results shown in this report and could result in plan qualification issues under IRC §436 if the application of benefit restrictions is affected by the change.

Assumptions and methods under ASC 715-30-35

As required by U.S. GAAP, the actuarial assumptions and methods employed in the development of the pension cost have been selected by the plan sponsor. Towers Watson has concurred with these assumptions and methods, except for the expected rate of return on plan assets selected as of January 1, 2013. Evaluation of the expected return assumption was outside the scope of Towers Watson's assignment and would have required substantial additional work which we were not engaged to perform. ASC 715-30-35 requires that each significant assumption "individually represent the best estimate of a particular future event."

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

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. The numbers shown in this report are not rounded, but this is for convenience only and should not imply precision, which is not a characteristic of actuarial calculations.

If overall future plan experience produces higher benefit payments or lower investment returns than assumed, the relative level of plan costs or contribution requirements 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; 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. It is beyond the scope of this valuation to analyze the potential range of future pension contributions, but we can do so upon request.

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 master consulting services agreement 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 AEP and its auditors, and any organization which provides benefit administration services for the plan, 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. AEP may distribute this actuarial valuation report to the appropriate authorities who have the legal right to require AEP to provide them this report, in which case AEP will use best efforts to notify Towers Watson in advance of this distribution and will include the non-reliance notice included at the end of this report. Further distribution to, or use by, other parties of all or part of this report is expressly prohibited without Towers Watson's prior written consent. In the absence of such consent and an express assumption of responsibility, Towers Watson accepts no responsibility for any consequences arising from any third party relying on this report or any advice relating to its contents. There are no other intended beneficiaries of this report or the work underlying it.

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 American Electric Power and our employer, Towers Watson Pennsylvania Inc.



Joseph A. Perko, FSA, EA, MAAA
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Senior Consultant

Towers Watson Pennsylvania Inc.

April 2013

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Section 2: Actuarial exhibits

2.1 Summary of liabilities for minimum funding purposes

All monetary amounts shown in US Dollars

Plan Year Beginning	January 1, 2013	January 1, 2012
A Funding Target (Disregarding At-risk Assumptions)		
1 Funding target	4,024,284,946	3,821,837,296
2 Target normal cost	61,416,651	59,326,765
B Funding Target (At-risk Assumptions)		
1 Funding target	N/A	N/A
2 Target normal cost	N/A	N/A
C Funding Target		
1 Number of consecutive years at-risk	0	0
2 Funding target		
a Active employees – non-vested benefits	46,678,501	41,529,674
b Active employees – vested benefits	1,477,502,076	1,343,713,475
c Participants with deferred benefits	223,969,681	284,120,904
d Participants receiving benefits	2,276,134,688	2,152,473,243
e Total funding target	4,024,284,946	3,821,837,296
3 Target normal cost	61,416,651	59,326,765

2.2 Change in plan assets during plan year

All monetary amounts shown in US Dollars

Plan Year Beginning	January 1, 2012
A Reconciliation of Market Value of Assets	
1 Market value of assets at January 1, 2012 (including discounted contributions receivable)	4,414,994,598
2 Discounted contributions receivable at January 1, 2012	95,988,429
3 Market value of assets at January 1, 2012 (excluding contributions receivable)	4,319,006,165
4 Employer contributions	
a For prior plan year	100,000,000
b For current plan year	100,000,000
c IRC §436 contributions for current plan year	0
d Total	200,000,000
5 Employee contributions	0
6 Benefit payments	(366,485,121)
7 Administrative expenses paid by plan	(3,568,058)
8 Transfers from/(to) other plans	0
9 Investment return	555,166,965
10 Market value of assets at January 1, 2013 (excluding contributions receivable)	4,704,119,951
11 Discounted contributions receivable at January 1, 2013	0
12 Market value of assets at January 1, 2013 (including discounted contributions receivable)	4,704,119,951
B Rate of Return on Invested Assets (i.e., for crediting unused funding balances)	
1 Weighted invested assets	4,169,652,604
2 Rate of return	13.23%

2.3 Development of actuarial value of assets

AEP elected a smoothing method that uses seven monthly data points to calculate the AVA.

All monetary amounts shown in US Dollars

Plan Year Beginning				January 1, 2013
Development of AVA				
<u>Month</u>	<u>Expenses</u>	<u>Benefit Payments</u>	<u>Contributions</u>	<u>Fair Value at Beginning of Month</u>
July 2012	204,281	25,242,777	0	4,472,788,206
August 2012	88,947	105,713,702	0	4,572,863,526
September 2012	263,881	25,309,869	100,000,000	4,503,415,988
October 2012	102,478	24,490,377	0	4,623,228,571
November 2012	50,232	21,936,127	0	4,606,793,982
December 2012	239,548	21,060,221	100,000,000	4,600,245,054
AVA with receivables				
A Preliminary Actuarial Value of Assets before Corridor as of January 1, 2013				
1 Monthly asset values adjusted for expenses and benefit payments rolled forward to January 1, 2013 (including discounted rates of contributions receivable from C above)				
<u>Month</u>				<u>Asset value</u>
a July 2012				4,607,775,914
b August 2012				4,707,190,136
c September 2012				4,717,321,224
d October 2012				4,736,109,056
e November 2012				4,717,366,495
f December 2012				4,705,983,989
g January 2013				4,704,119,951
h Average of monthly asset values				4,699,409,537
2 Preliminary Actuarial Value of Assets and before application of corridor				4,699,409,537
B Lower Bound of Corridor (90% of A12 from prior page)				4,233,707,956
C Upper Bound of Corridor (110% of A12 from prior page)				5,174,531,946
Actuarial Value of Assets as of January 1, 2013				
D (A2 but not smaller than B nor larger than C)				4,699,409,537

2.4 Calculation of minimum required contribution

All monetary amounts shown in US Dollars

Reconciliation of Funding Balances as of January 1, 2013			
	Funding Standard Carryover Balance	Prefunding Balance	Total
A Determination of Funding Balances			
1 Funding balance as of January 1, 2012	222,029,014	331,146,532	553,175,546
2 Amount used to offset prior year minimum required contribution ¹	54,393,192	0	54,393,192
3 Adjustment for investment experience	22,178,219	43,810,686	65,988,905
4 Amount of additional prefunding balance created by election	N/A	103,699,368	103,699,368
5 Amount of funding balance reduction for current year by election or deemed election ²	0	0	0
6 Funding balance as of January 1, 2013	189,814,041	478,656,586	668,470,627

Plan Year Beginning	January 1, 2013
B Calculation of Minimum Required Contribution	
1 Target normal cost	61,416,651
2 Funding surplus	(6,653,964)
3 Net shortfall amortization installment	0
4 Waiver amortization installment	0
5 Minimum required contribution	54,762,687
6 Funding balance available	668,470,627
7 Remaining cash requirement (assuming sponsor elects full use of the available funding balances)	0

The minimum required contribution is determined as of the plan's valuation date. Any payment made on a date other than the valuation date must be adjusted for interest using the plan's effective interest rate of 6.24%.

Additional details regarding the calculation of the minimum required contribution may be obtained from the Form 5500 Schedule SB forms and attachments.

¹ Net of revoked excess application of funding balance, if any.

² Net of any forfeitures elected to be reinstated under MAP-21.

2.5 Calculation of estimated maximum deductible contribution

All monetary amounts shown in US Dollars

Based on Plan Year	2013
A Basic Maximum	
1 Funding target	4,024,284,946
2 Target normal cost	61,416,651
3 Actuarial value of assets	4,699,409,537
4 50% of funding target	2,012,142,473
5 Additional funding target for future compensation or benefit increases	84,491,766
6 Basic maximum deductible contribution	1,482,926,299
B At-risk Maximum¹	
1 Funding target (at-risk assumptions)	N/A
2 Target normal cost (at-risk assumptions)	N/A
3 Actuarial value of assets	N/A
4 At-risk maximum deductible contribution	N/A
C Minimum Required Contribution	54,762,687
D Estimated Maximum Deductible Contribution	1,482,926,299

The estimated maximum deductible contribution applies to the tax year in which the plan year ends, and is based on our understanding of IRC §404(a)(1). Regulatory guidance from the IRS/Treasury is pending. Allocations of costs to inventory have not been considered, and amounts deductible under state law may differ. Deductibility can be influenced by timing of contributions, differences between fiscal year and plan year, and differences (if any) between the years to which prior contributions were assigned for minimum funding purposes and the years in which they were deducted. Our results have not been adjusted for non-deducted contributions included in the valuation assets. We recommend the plan sponsor review with tax counsel the tax-deductibility of all contributions as Towers Watson does not provide legal or tax advice.

The calculation above reflects the interest rate corridors of MAP-21 and treats the plan as not at-risk because it is not at-risk for purposes of determining minimum required contributions. Not reflecting such corridors and reflecting the plan's possible at-risk status when determined ignoring the corridors would likely result in higher maximum deductible amounts, but would require substantial additional work that may not be of value to AEP. We can discuss not reflecting the corridors if AEP wishes to consider contributions in excess of the estimated maximum above.

¹ At-risk maximum applies only for plans not in at-risk status for purposes of determining maximum deductible contributions for the plan year.

2.6 ASC 960 (plan accounting) information

All monetary amounts shown in US Dollars

Plan Year Beginning	January 1, 2013
A Present Value of Accumulated Benefits	
1 Vested accumulated benefits	
a Active employees	1,469,862,377
b Participants with deferred benefits	224,300,319
c Participants receiving benefits	2,213,364,404
d Total vested accumulated benefits	3,907,527,100
2 Non-vested accumulated benefits	46,112,936
3 Total accumulated benefits	3,953,640,036
4 Market value of assets ¹	4,704,119,951
B Reconciliation of Present Value of Accumulated Benefits	
1 Present value of accumulated benefits as of December 31, 2011	3,731,797,993
2 Changes during the year due to:	
a Benefits accumulated	53,930,570
b Actuarial (gains)/losses	38,171,168
c Decrease in the discount period	257,502,709
d Actual benefits paid	(366,485,121)
e Assumption changes	238,722,717
f Plan amendments	0
g Net increase/(decrease)	221,842,043
3 Present value of accumulated benefits as of December 31, 2012	3,953,640,036

Actuarial Assumptions and Methods

The same actuarial assumptions shown in Appendix A were used to determine the present value of accumulated benefits, except a discount rate of 6.50% was used. For the prior valuation, a discount rate of 7.25% was used. The same plan provisions shown in Appendix B were used to determine the present value of accumulated benefits.

¹ Assets include accrued contributions for the 2012 plan year of \$ 0 not yet deposited at January 1, 2013.

2.7 Pension obligations and funded position under U.S. GAAP (ASC 715)

All monetary amounts shown in US Dollars

Measurement Date	January 1, 2013	January 1, 2012
A Obligations		
1 Accumulated Benefit Obligation (ABO)	5,029,758,827	4,814,889,372
2 Future salary increases	129,159,455	99,372,317
3 Projected benefit obligation (PBO)	5,158,918,282	4,914,261,689
B Assets		
1 Fair value [FV]	4,704,119,951	4,319,006,165
2 Investment losses/(gains) not yet in market-related value	(306,922,548)	91,990,332
3 Market-related value	4,397,197,403	4,410,996,497
C Funded Position		
1 Overfunded/(underfunded) PBO	(454,798,331)	(595,255,524)
2 PBO funded percentage	91.2%	87.9%
D Amounts in Accumulated Other Comprehensive Income		
1 Prior service cost/(credit)	10,408,177	8,876,014
2 Net actuarial loss/(gain)	2,098,866,513	2,163,034,523
3 Total	2,109,274,690	2,171,910,537
E Key Assumptions		
1 Discount rate	3.95%	4.55%
2 Rate of compensation increase	Rates vary by age from 3.5% to 11.5%	Rates vary by age from 3.5% to 11.5%
F Census Date		
	January 1, 2013	January 1, 2012

The results above may differ from the amounts disclosed in AEP's December 31, 2012 financial statements because disclosures are prepared before the corresponding valuation results are available.

2.8 Pension cost under U.S. GAAP (ASC 715)

All monetary amounts shown in US Dollars

Fiscal Year Ending	December 31, 2013	December 31, 2012
A Pension Cost		
1 Service cost	68,688,725	75,709,045
2 Interest cost	199,615,109	219,570,788
3 Expected return on assets	(277,771,978)	(318,756,058)
4 Net prior service cost/(credit) amortization	2,507,561	(1,532,165)
5 Net loss/(gain) amortization	179,735,160	147,187,665
6 Net periodic pension cost/(income)	172,774,577	122,179,275
7 Curtailments	0	0
8 Settlements	0	0
9 Special/contractual termination benefits	0	0
10 Total pension cost	172,774,577	122,178,652
B Key Assumptions¹		
1 Discount rate	3.95%	4.55%
2 Rate of return on assets	6.50%	7.25%
3 Cash balance crediting rate	4.00%	4.50%
3 Rate of compensation increase	Rates vary by age from 3.5% to 11.5%	Rates vary by age from 3.5% to 11.5%
C Census Date		
	January 1, 2013	January 1, 2012

¹ These assumptions were used to calculate Net Periodic Pension Cost/(Income) as of the beginning of the year. For other assumptions used, as well as assumptions used for interim remeasurements, if any, refer to Appendix A.

2.9 Development of market-related value of assets under U.S. GAAP (ASC 715)

All monetary amounts shown in US Dollars

Fiscal Year Ending		December 31, 2013		
Market-Related Value of Assets as of January 1, 2013				
1	Fair value of assets as of January 1, 2013			4,704,119,951
2	Deferred investment (gains)/losses for prior periods			
Fiscal Year	(Gain)/Loss	Percent Deferred		Deferred Amount
a 2012	(249,128,700)	80%		(199,302,960)
b 2011	10,601,513	60%		6,360,908
c 2010	(162,738,544)	40%		(65,095,418)
d 2009	(244,425,390)	20%		(48,885,078)
e Total				(306,922,548)
3	Market-Related Value of Assets			4,397,197,403

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Section 3: Participant data

3.1 Summary of plan participants

All monetary amounts shown in US Dollars

Census Date	January 1, 2013	January 1, 2012
A Active Employees		
1 Number	17,631	18,056
2 Expected plan compensation for year beginning on the valuation date (limited by IRC §401(a)(17))	1,573,666,355	1,543,088,651
3 Average plan compensation	89,256	85,461
4 Average age	46.8	46.3
5 Average credited service	17.3	16.8
6 Average future working life (years)	10.51490	10.73200
7 Total accrued benefits	1,662,064,618	1,586,368,748
8 Average accrued benefits	94,269	87,858
B Participants with Deferred Benefits		
1 Number (non-cash balance)	2,479	4,447
2 Total annual pension (non-cash balance)	21,017,548	34,295,063
3 Average annual pension (non-cash balance)	8,478	5,643
4 Number of cash balance	1,739	1,630
5 Total cash balance	137,581,778	129,672,074
6 Average cash balance	79,115	79,553
7 Average age	53.5	54.2
8 Distribution at January 1, 2013		
NON-CASH BALANCE		
Age	Number	Average annual pension
Under 40	20	19,136
40-44	42	8,349
45-49	280	6,518
50-54	716	7,630
55-59	814	8,748
60-64	592	9,713
65 and over	15	8,351
Total	2,479	8,478
CASH BALANCE		
Age	Number	Average cash balance
Under 40	330	13,202
40-44	139	26,525
45-49	255	43,516
50-54	339	67,934
55-59	383	121,016
60-64	230	164,760
65 and over	63	177,274
Total	1,739	79,115

C Participants Receiving Benefits

1	Number	16,292	16,262
2	Total annual pension	240,599,847	234,664,371
3	Average annual pension	14,768	14,430
4	Average age	73.70	73.50
5	Distribution at January 1, 2013		

Age	Number	Average annual pension
Under 55	97	4,866
55-59	743	16,915
60-64	2,228	20,889
65-69	3,235	15,244
70-74	2,586	12,311
75-79	2,497	14,290
80-84	2,364	14,346
85 and over	2,542	11,908
Total	16,292	14,768

3.2 Participant reconciliation

	Active	Deferred Inactive	Currently Receiving Benefits	Total
1. Included in January 1, 2012 valuation	18,056	6,077	16,262	40,395
2. Change due to:				
a. New hire and rehire	613	(7)	(2)	604
b. Non-vested termination	(133)	0	0	(133)
c. Vested termination	(321)	321	0	0
d. Retirement	(165)	(315)	480	0
e. Disability	(81)	81	0	0
f. Death without beneficiary	(2)	(17)	(573)	(592)
g. Death with beneficiary	(5)	(8)	(228)	(241)
h. New beneficiary	0	0	241	241
i. Cashout	(344)	(1,920)	(4)	(2,268)
j. Miscellaneous	13	6	116	135
k. Net change	(425)	(1,859)	30	(2,254)
3. Included in January 1, 2013 valuation	17,631	4,218	16,292	38,141

3.3 Age and service distribution of participating employees

Attained Age	Years of Credited Service														
	Under 1			1 to 4			5 to 9			10 to 14			15 to 19		
	No.	Average		No.	Average		No.	Average		No.	Average		No.	Average	
		Comp.	Cash Bal.		Comp.	Cash Bal.		Comp.	Cash Bal.		Comp.	Cash Bal.		Comp.	Cash Bal.
<25				295	58,960	3,441	24	62,685	8,618						
25 to 29	3			649	67,305	6,210	504	75,300	13,347	12					
30 to 34	3			560	70,639	7,970	835	78,426	16,853	231	84,954	29,110	4		
35 to 39	1			434	73,899	9,520	707	82,378	20,899	459	88,842	38,523	115	89,782	52,158
40 to 44				338	77,844	11,946	610	82,541	24,475	439	96,696	48,598	298	94,730	64,953
45 to 49	4			232	76,603	12,894	452	83,576	28,424	426	91,306	55,186	308	93,429	78,027
50 to 54	1			174	76,665	14,529	356	85,288	32,579	286	96,277	66,961	243	89,395	86,495
55 to 59	1			129	73,493	16,183	208	85,027	37,101	225	99,701	78,347	154	92,315	105,086
60 to 64				64	78,921	19,739	96	81,940	37,468	109	92,748	78,189	67	84,301	108,092
65 to 69				8			26	98,298	51,701	29	102,923	98,829	6		
>70							1			8			2		

Note: Chart formatted to comply with instructions for Schedule SB of the 2013 Form 5500.

Attained Age	Years of Credited Service														
	20 to 24			25 to 29			30 to 34			35 to 39			40 & up		
	No.	Average		No.	Average		No.	Average		No.	Average		No.	Average	
		Comp.	Cash Bal.		Comp.	Cash Bal.		Comp.	Cash Bal.		Comp.	Cash Bal.		Comp.	Cash Bal.
<25															
25 to 29															
30 to 34															
35 to 39	1														
40 to 44	214	101,961	88,871	10											
45 to 49	588	101,676	104,954	514	98,382	126,977	58	92,649	149,049						
50 to 54	495	93,424	120,650	1,006	100,763	155,110	1,160	97,496	182,220	89	96,635	211,018			
55 to 59	312	91,017	138,109	539	98,331	181,636	1,039	102,613	221,429	620	97,759	238,198	23	100,034	259,485
60 to 64	109	88,795	156,789	156	92,754	193,693	208	102,141	248,102	180	108,500	311,168	91	98,549	311,687
65 to 69	12			22	108,246	250,427	18			6			21	115,198	423,037
>70	2			1									1		

Note: Chart formatted to comply with instructions for Schedule SB of the 2013 Form 5500.

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Appendix A : Statement of actuarial assumptions and methods

Actuarial Assumptions and Methods — Contributions

Economic Assumptions

Interest rate basis:

- Applicable month (published) October 2012
- Yield curve basis Segment rates
- MAP-21 applied for funding Yes
- MAP-21 applied for benefit restrictions Yes

Funding interest rates:

	Reflecting Corridors	Not Reflecting Corridors
● First segment rate	4.94%	1.72%
● Second segment rate	6.15%	4.58%
● Third segment rate	6.76%	5.67%
● Effective interest rate	6.24%	4.68%

Annual rates of increase

- Compensation:

	<i>Age</i>	<i>Rate</i>
– Representative rates	< 26	11.50%
	26 – 30	9.50%
	31 – 35	7.50%
	36 – 40	6.50%
	41 – 45	5.00%
	46 – 50	4.00%
	> 50	3.50%
– Weighted average		4.95%
- Cash balance crediting rate 4.00%
- Lump sum/annuity conversion rate October 2012 segment rates
- Future Social Security wage bases 4.00%
- Statutory limits on compensation N/A
- Expected rate of return on assets for prior year 7.25% but not greater than the third segment rate

Demographic Assumptions

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

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

Mortality

- **Healthy** Separate rates for non-annuitants (based on RP-2000 "Employees" table without collar or amount adjustments, projected to 2028 using Scale AA and annuitants (based on RP-2000 "Healthy Annuitants" table without collar or amount adjustments, projected to 2020 using Scale AA.
- **Disabled** Post-1994 current liability disabled
- **Lump sum/annuity conversion** Applicable 417(e) IRS Mortality Table

Termination Rates varying by age and service:

Attained Age	Percentage leaving during the year	
	Less than five years of service	Five or more years of service
< 25	8.00%	8.00%
25 – 29	8.00%	6.00%
30 – 34	8.00%	5.00%
35 – 39	8.00%	3.00%
40 – 49	8.00%	2.50%
> 49	8.00%	4.00%

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 61:

Percentage retiring during the year	
Age	Rate
55-57	7.00%
58-60	10.00%
61-63	25.00%
64-65	50.00%
66-69	25.00%
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

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

Percent married

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

Spouse ages

Wives are assumed to be three years younger than husbands.

Valuation pay

2013 base salary pay (Grandfathered) – not estimated due to freeze of final average pay accruals at December 31, 2010.

2013 expanded pay (Cash Balance) – sum of the following updated one year according to the salary increase assumption:

- (i) 2012 base salary
- (ii) a 15% increase for overtime eligible employees and a target bonus percent increase for incentive-eligible employees

At-risk assumptions

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

Timing of benefit payments

Annuity payments are payable monthly at the beginning of the month and lump sum payments are payable on date of decrement.

Methods

Valuation date

First day of plan year.

Funding target

Present value of accrued benefits.

Target normal cost

Present value of benefits expected to accrue during plan year plus plan-related expenses expected to be paid from the trust (based on actual trust expenses paid in previous year, adjusted by the difference between the prior and expected current year PBGC premiums).

Actuarial value of assets

Average of the fair market value of assets on the valuation date and the six immediately preceding months, adjusted for contributions, benefit/expense payments and expected investment returns. The average asset value must be within 10% of fair value, including contributing receivable. The method of computing the actuarial value of assets complies with rules governing the calculation of such values under PPA.

These rules produce smoothed values that reflect the underlying market value of plan assets but fluctuate less than the market value. As a result, the actuarial value of assets will be lower than the market value in some years and greater in other years. However, over the long term under PPA's smoothing rules, the method has a bias to produce an actuarial value of assets that is below the market value of assets.

Benefits Not Valued

All benefits were valued except:

- Any liabilities that may be reinstated in the event of reemployment
- The alternate benefit formula for members who did not elect to withdraw their employee contributions
- Any liabilities relating to members' unwithdrawn employee contributions
- Liabilities related to special benefits as a result of termination due to downsizing and restructuring

Change in Assumptions and Methods Since Prior Valuation

The interest rates used to calculate the funding target, target normal cost and to convert 417(e) based forms of payments were updated from the segment rates as of October 2011 to the segment rates as of October 2012.

The required mortality table used to value the funding target and target normal cost was updated to include one additional year of projected mortality improvements.

Assumed plan-related expenses of \$3,568,058 were added to the target normal cost.

The long-term cash balance interest crediting rate was changed from 4.50% to 4.00%.

Data Sources

Towers Watson used participant and asset data as of January 1, 2013, supplied by ACS, the third party database for the AEP pension data with the exception of certain elements taken from the dbConnect pension calculator database. Data were reviewed for reasonableness and consistency, but no audit was performed. Assumptions or estimates were made or by Towers Watson actuaries when data were not available and are documented in our e-mail dated March 1, 2013. We are not aware of any errors or omissions in the data that would have a significant effect on the results of our calculations.

Actuarial Assumptions and Methods — Pension Cost

Economic Assumptions

Discount rate		3.95%
Return on assets*		6.50%
Annual rates of increase		
• Compensation:		
– Representative rates	<i>Age</i>	<i>Rate</i>
	< 26	11.50%
	26 – 30	9.50%
	31 – 35	7.50%
	36 – 40	6.50%
	41 – 45	5.00%
	46 – 50	4.00%
	> 50	3.50%
– Weighted average		4.95%
• Cash balance crediting rate		4.00%
• Lump sum/annuity conversion rate		5.10%
• Future Social Security wage bases		4.00%
• Statutory limits on compensation		3.00%

The return on assets shown above is net of investment expenses and administrative expenses assumed to be paid from the trust.

* Also used as discount rate for plan accounting (ASC 960) purposes.

Demographic Assumptions

Inclusion Date	The valuation date coincident with or next following the date on which the employee becomes a participant.
New or rehired employees	It was assumed there will be no new or rehired employees.
Mortality	
Healthy	Separate rates for (1) non-annuitants (based on RP-2000 "Employees" table without collar or amount adjustments, projected to 2028 using Scale AA and (2) annuitants (based on RP-2000 "Healthy Annuitants" table without collar or amount adjustments, projected to 2020 using Scale AA.
Disabled	RP2000 disabled retiree, no projection.
Lump sum/annuity conversion	Applicable 417(e) IRS Mortality Table
Termination	Rates varying by age and service

Percentage leaving during the year		
Attained Age	Less than five years of service	Five or more years of service
< 25	8.00%	8.00%
25 – 29	8.00%	6.00%
30 – 34	8.00%	5.00%
35 – 39	8.00%	3.00%
40 – 49	8.00%	2.50%
> 49	8.00%	4.00%

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

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

Retirement Rates varying by age; average retirement age 61:

Percentage retiring during the year	
Age	Rate
55-57	7.00%
58-60	10.00%
61-63	25.00%
64-65	50.00%
66-69	25.00%
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 40% lump sum; 60% annuity for retirement eligible East grandfathered participants and 75% lump sum; 25% annuity for all other participants. Married participants are assumed to elect the 50% joint and survivor annuity and unmarried participants are assumed to elect the single life annuity. No other optional form of payment election is assumed.

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

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

Valuation pay 2013 base salary pay (Grandfathered) – not estimated due to freeze of final average pay accruals at December 31, 2010.

2013 expanded pay (Cash Balance) – sum of the following updated one year according to the salary increase assumption:

- (i) 2012 base salary
- (ii) a 15% increase for overtime eligible employees and a target bonus percent increase for incentive-eligible employees

Administrative expenses Discount rate is net of expenses paid by the trust.

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

Service cost and projected benefit obligation	Projected unit credit
Market-related value of assets	<p>The market value on the valuation date less the following percentages of prior years' investment gains and losses:</p> <ul style="list-style-type: none"> – 80% of the prior year – 60% of the second prior year – 40% of the third prior year – 20% of the fourth prior year <p>The investment gain or loss is calculated each year by:</p> <ul style="list-style-type: none"> – Rolling forward the prior year's fair value of assets with actual contributions, benefit payments and expected return on investments using the long-term yield assumption – Comparing the actual fair value of assets to the expected value calculated above.
Benefits not valued	<p>All benefits were valued except:</p> <ul style="list-style-type: none"> – Any liabilities that may be reinstated in the event of reemployment – The alternate benefit formula for members who did not elect to withdraw their employee contributions – Any liabilities relating to members' unwithdrawn employee contributions – Liabilities related to special benefits as a result of termination due to restructuring or downsizing
Change in assumptions and methods since prior valuation	<p>The discount rate was decreased from 4.55% to 3.95%.</p> <p>The mortality table used to value the benefit obligations was updated from the RP2000 with projections to 2019 for annuitants and to 2027 for nonannuitants to RP2000 with projections to 2020 and 2028, respectively.</p> <p>The mortality table used for lump sum/annuity conversions was updated for an additional year of mortality improvements.</p> <p>The expected return on assets was decreased from 7.25% to 6.50%.</p> <p>The long-term cash balance interest crediting rate was changed from 4.50% to 4.00%.</p> <p>The lump sum conversion rate decreased from 6.25% to 5.10%.</p>
Data Sources	<p>Towers Watson used participant and asset data as of January 1, 2013, supplied by ACS, the third party database for the AEP pension data with the exception of certain elements taken from the dbConnect pension calculator database. Data were reviewed for reasonableness and consistency, but no audit was performed. Assumptions or estimates were made or by Towers Watson actuaries when data were not available and are documented in our e-mail dated March 1, 2013. We are not aware of any errors or omissions in the data that would have a significant effect on the results of our calculations.</p>

Appendix B1 : Summary of plan provisions covered by the former East Retirement Plan

Plan Provisions

Effective Date	May 1, 1955. Restated effective January 1, 2012.
Recent Amendments	Executed as of April 3, 2012.
Covered Employees	Employees become Members of the Plan on the first day of the month following completion of one year of service.
Participation Date	Date of becoming a covered employee.

Definitions

Grandfathered employee	If, on December 31, 2000, either: <ul style="list-style-type: none"> – Participating in AEP System Retirement Plan, or – In one-year waiting period for AEP System Retirement Plan participation.
Vesting service	A period of time from employment date to termination date and, in general, includes periods of severance that are not in the excess of 12 months.
Accredited service	Elapsed time from date of hire (from benefit service start date).
Cash balance pay	Pay received during the year, including base pay, overtime, shift differential/Sunday premium pay and incentive pay, subject to IRS limits.
Covered compensation amount	The average of the Social Security taxable wage based during the 35-year period including the year in which the participant retires, dies, becomes disabled or otherwise terminates employment. This monthly average is calculated to the next lower or equal whole dollar amount and is then rounded to nearest \$50.
Final average pay	Average of the highest 36-consecutive months of base pay out of the last 120 months of employment, subject to IRS limits.
Normal retirement date (NRD)	The first day of the calendar month whose first day is nearest the later of the member's 65 th birthday or the completion of five years of Vesting Service.

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

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

Cash balance benefit Cash Balance Account converted to a monthly annuity

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

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

Plus

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

Plus

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

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

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

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

Minimum of 4%.

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

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

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

Monthly Grandfathered Benefit	<p>Sum of (1), (2) and (3):</p> <ul style="list-style-type: none"> (1) 1.10% of Final Average Pay x Accredited Service up to 35 years (2) 0.50% of Final Average Pay Less Covered Compensation x Accredited Service up to 35 years (3) 1.33% of Final Average Pay x Accredited Service between 35 and 45 years <p>Accruals for the grandfathered benefit ceased on December 31, 2010.</p>
Long-term disability and paid leaves	Compensation equal to base rate of pay as of disability date. Vesting service continues.
Unpaid leave	No compensation for annual Company Credit. Vesting service continues.

Eligibility for Benefits

Normal retirement	All members at or after their Normal Retirement Date.
Early retirement	Any time after attainment of age 55 and completion of five years of vesting. Applicable only to grandfathered benefits.
Postponed retirement	Retirement after Normal Retirement Date.
Vested termination	All members who terminate employment after completion of three years of Vesting Service, or upon death.
Disability	All members who are unable to work at own occupation solely because of sickness or injury for the first 24 months of disability. After 24 months of disability, the participant is eligible if unable to work at any gainful occupation for which the participant may be able, or may reasonably become qualified by education, training or experience, to perform.
Surviving spouse	The surviving spouse of a Grandfathered Member who retired or is eligible to retire on Normal or Early Retirement and who was married to that spouse for the year preceding commencement and whose grandfathered benefit exceeds his or her Cash Balance Benefit.
Preretirement death	Beneficiary of deceased member.

Benefits Paid Upon the Following Events

Normal retirement	For Grandfathered Employees, the better of the monthly grandfathered benefit or the Cash Balance Benefit determined as of Normal Retirement Date. For all other employees, the Cash Balance Benefit determined as of Normal Retirement Date.
Early retirement	<p>For Grandfathered Employees, the better of:</p> <ul style="list-style-type: none"> (1) The monthly grandfathered retirement benefit reduced by 3% per year for each year commencement precedes age 62, and (2) The Cash Balance Benefit determined as of the Early Retirement Date. <p>For all other employees, the Cash Balance Benefit determined as of the Early Retirement Date.</p>

Deferred vested retirement	The accrued Normal Retirement Benefit (better of Cash Balance and Grandfathered Benefits, if eligible), payable at Normal Retirement Date or actuarially reduced and payable at any age.
Disability	<p>The greater of (1) or (2):</p> <p>(1) Accrued Grandfathered Retirement Benefit reduced as in the Early Retirement Benefit. If retirement occurs prior to age 55, the benefit is further reduced actuarially from age 55. The Disability Retirement Benefit will reflect Accredited Service that accrued (at most recent rate of base earnings) to a member while receiving benefits under the Company's LTD plan.</p> <p>(2) The Cash Balance Benefit with continued Company Credits while disabled.</p> <p>Benefit (1) applies for Grandfathered Employees only.</p>
Preretirement death	<p>Better of (1) or (2):</p> <p>(1) The grandfathered monthly benefit as if the employee commenced a 60% qualified joint and survivor benefit at his earliest retirement date</p> <p>(2) Annuity equivalent of Cash Balance account or the cash balance account.</p> <p>Benefit (1) applies for a Grandfathered Employee whose beneficiary is his or her spouse.</p>
Surviving spouse benefits	A benefit payable for life equal to 30% of the single life annuity payable to the grandfathered member. The spouse's benefit is actuarially reduced for each year by which the spouse is more than ten years younger than the member. Payable to Grandfathered Employees only.

Other Plan Provisions

Forms of payment

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

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

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

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

- Cash balance 7.50% interest and the applicable 417(e) Mortality Table.
 - Grandfathered benefit 7.50% interest and the 1974 George B. Buck Mortality Table.
- Pension Increases None.

Plan Participants' Contributions

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

Maximum on benefits and pay

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

Benefits not valued

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

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

Plan status

Ongoing.

Future Plan Changes

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 B2 : Summary of plan provisions covered by the former West Retirement Plan

Plan Provisions

Effective Date	January 1940. Restated effective January 1, 1997.
Recent Amendments	Executed as of April 3, 2012.
Covered Employees	All full-time employees of a Participating Company employed by CSW before January 1, 2001, and not covered by a union (that has not bargained for coverage) or another pension plan provided by AEP. Part-time employees of the Company had to work more than 1,000 hours in the first anniversary year or subsequent calendar years.
Participation Date	Date of becoming a covered employee

Definitions

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

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

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

Cash balance benefit Cash Balance Account converted to a monthly annuity

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

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

Minimum of 4%.

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

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

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

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

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

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

(2) Minimum benefit:

1-2/3% of final average annual earnings less 50% of participant's annual primary Social Security benefit times years of credited service up to 30 years.

Minimum benefits The benefit payable will never be less than the frozen accrued benefit as of July 1, 1997, under the prior plan.

Primary Social Security benefit	<p>The annual amount payable under the Social Security Act as amended in effect at the employee's date of retirement. The date as of which the amount is to be determined is:</p> <ol style="list-style-type: none"> (1) In the case of an employee (including deferred vested employees) retiring on or after normal retirement date, normal retirement date. (2) In the case of an employee retiring prior to normal retirement date, the later of employee's 62nd birthday or actual retirement date. <p>Early retirees and deferred vested employees are assumed to have no earnings after termination in determining the amount of this benefit.</p>
Long-term disability and paid leaves	<p>Compensation equal to the base rate of pay as of disability date. If a participant became disabled prior to January 1, 2003, compensation for the cash balance formula is equal to the greater of the compensation for the calendar year before the disability and the year in which the disability benefits began. For the grandfathered formula, the final average pay will be determined as of the date on which the participant became disabled. Vesting service continues.</p>
Unpaid leave	<p>No compensation for annual compensation credit. Vesting service continues.</p>

Eligibility for Benefits

Normal retirement	All members at or after their Normal Retirement Date
Early retirement	Any time after attainment of age 55 and completion of five years of vesting
Postponed retirement	Retirement after NRD.
Vested	<p>The participant's cash balance account is 100% vested when any one of the following applies:</p> <ol style="list-style-type: none"> (1) Three years of vesting service (2) Attainment of age 55 while an employee (3) Death prior to termination (4) Upon disability.
Disability	All participants who become permanently and totally disabled. Permanent and total disability is determined by reference to the LTD plan covering that participant.
Surviving spouse	The surviving spouse of a participant who retired or is eligible to retire on normal or early retirement.
Preretirement death	Beneficiary of participant who dies after becoming vested.

Benefits Paid Upon the Following Events

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

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

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

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

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

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

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

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

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

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

have attained age 55.

- (3) For a deferred vested participant who dies before benefits commence, a monthly benefit equal to 50% of the deferred vested benefit reduced for early commencement (as for deferred vesteds) is payable as a life annuity to a qualifying spouse. If death occurs before age 55, the benefit to the spouse is deferred to when the deceased participant would have attained age 55.

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

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

Other Plan Provisions

Form of payment

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

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

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

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

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

The American Electric Power System Retirement Plan

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

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

Future Plan Changes

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

Changes in Benefits Valued Since Prior Year

None.

Appendix C : Adjusted Funding Target Attainment Percentage (AFTAP)

This section is a reproduction of selections of the AFTAP that was originally provided on March 29, 2013, and is provided here for reference.

American Electric Power ("AEP") retained Towers Watson Pennsylvania Inc. ("Towers Watson") to perform a valuation of its pension plan for the purpose of measuring the plan's AFTAP for the plan year beginning January 1, 2013, in accordance with ERISA and the Internal Revenue Code. This valuation has been conducted in accordance with generally accepted actuarial principles and practices.

The enrolled actuary making this certification is a member of the Society of Actuaries and other professional actuarial organizations and meets their "Qualification Standards for Actuaries Issuing Statements of Actuarial Opinion in the United States."

We previously certified that the plan's AFTAP for the plan year beginning January 1, 2013, is 116.77%. This percentage is based on the assumptions, participant data and plan provisions we relied upon to prepare the results shown in the original certification, reflects the valuation limitations discussed therein and is also based on the following additional information:

Annuity Purchases

- AEP's representation is that there were no annuity purchases made on behalf of non-highly compensated employees participating in the plan during the plan years beginning January 1, 2011, and January 1, 2012.

Funding Balances

- Our understanding is that AEP has not elected to reduce the plan's funding balance as of the first day of the 2013 plan year.
- Our understanding is that the plan is not subject to a deemed election to reduce the funding balance in 2013.
- AEP has elected to increase the funding balance by \$103,699,368 as of the first day of the 2013 plan year, as confirmed in the letter dated March 22, 2013.

Contributions

- Our understanding is that AEP has not made any employer contributions after December 31, 2012, and before March 31, 2013, for the 2012 plan year.

Events

- There were no plan amendments that went into effect in the current plan year that were taken into account for the current plan year's AFTAP certification.
- There were no unpredictable contingent event benefits (UCEBs) that went into effect in the current plan year that were taken into account for the current plan year's AFTAP certification.
- There were no previously suspended accruals restored during the current plan year that were taken into account for the current plan year's AFTAP certification.

Elections

- The AFTAP certification incorporates our understanding of sponsor elections required under the Pension Protection Act of 2006 (PPA) with respect to interest rates, Actuarial Value of Assets and other methods and/or assumptions, as confirmed in AEP's letter dated March 26, 2013.

The development of AFTAP is show below:

All monetary amounts shown in US Dollars

Plan Year Beginning	January 1, 2013
Actuarial value of assets as of January 1, 2013 ¹	4,699,409,537
Funding standard carryover balance as of January 1, 2013 ²	189,814,041
Prefunding balance as of January 1, 2013 ²	478,656,586
Funding target as of January 1, 2013 (disregarding at-risk assumptions)	4,024,284,946
AVA/funding target (disregarding at-risk assumptions)	116.77%
Assets for AFTAP calculation ³	4,699,409,537
Annuity purchases for NHCEs during 2011 and 2012	0
Reflection of post valuation date events not previously reflected	
Increase in funding target (disregarding at-risk assumptions) for 2012 amendments/UCEBs/restored accruals ⁴	0
IRC §436 contributions made to enable plan amendments/UCEBs/restored accruals to take effect ⁵	0
Adjusted funding target, disregarding at-risk assumptions, (includes NHCE annuity purchases and amendments)	0
Adjusted assets (includes NHCE annuity purchases and IRC §436 contributions)	0
Specific AFTAP	
Adjusted Funding Target Attainment Percentage (AFTAP)	116.77%

Notes

1. Reflects discounted contributions made for the 2012 plan year only if paid on or before the certification date. Includes security posted by the beginning of the plan year in the form of a bond or cash held in escrow.
2. Reflects elections made to-date (other than elections to apply the funding balances to 2012 MRC).
3. AVA if AVA/Funding Target (disregarding at-risk assumptions) >=100%; otherwise (AVA-funding balance).
4. If went into effect before this specific certification, not reflected in funding valuation and require AFTAP recertification, or which the plan sponsor otherwise decides to reflect in the specific AFTAP certification.
5. Discounted to January 1, 2013, using 2013 effective interest rate.

Immediate Implications of AFTAP Certification

We believe that the certified AFTAP of 116.77% for the 2013 plan year has the following implications for benefit limitations described in IRC §436. AEP should review these conclusions with ERISA counsel:

- Benefit accruals called for under the plan without regard to IRC §436 must continue.
- Accelerated distributions called for under the plan without regard to IRC §436 must continue in full.
- Amendments that increase benefits must be evaluated at the time they would become effective to determine if they are permissible.
- Plant shutdown and other unpredictable UCEBs must be evaluated at the time they would become effective to determine if they are permissible.

Implications of 2013 AFTAP for Presumptions in 2014 Plan Year

Because the AFTAP for the 2013 plan year is at least 90%, the presumed AFTAP for 2014 will remain equal to the 2013 certified AFTAP and changes in benefit restrictions will not occur before the 2014 AFTAP is certified, provided that the 2014 AFTAPs are certified before the first day of the tenth month of the plan year.

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Appendix D : Results by business unit

Unless otherwise indicated, the data, assumptions, methods, data and plan provisions upon which the figures in this Appendix D rely are consistent with those indicated throughout the rest of the report.

Summary of key assumptions for Appendix D of 2013 AEP Retirement Plan valuation report:

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Discount rate	3.95%	4.55%	4.70%	4.80%	4.95%	5.05%	5.05%	5.05%	5.05%	5.05%	5.05%
PPA effective interest rate	6.24%	5.69%	5.16%	4.67%	4.50%	4.38%	4.27%	4.18%	4.09%	4.01%	3.98%
Expected return on assets	6.50%	6.50%	6.25%	6.25%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%
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	5.10%	5.10%	5.10%	5.10%	5.10%	5.10%	5.10%	5.10%	5.10%	5.10%	5.10%
Expected mortality	2013 IRS Applicable Mortality Table										
Valuation and data	January 1, 2013										

**AMERICAN ELECTRIC POWER
 QUALIFIED RETIREMENT PLAN
 SUMMARY OF PLAN PARTICIPANTS FOR THE 2013 VALUATION**

Location	Vested Actives	Non-Vested Actives	Total Actives	Retirees Receiving Benefits	Beneficiaries	Deferred Vesteds	Total Inactives	Total Participants
140 Appalachian Power Co - Distribution	985	20	1,005	1,142	407	241	1,790	2,795
215 Appalachian Power Co - Generation	910	30	940	775	227	132	1,134	2,074
150 Appalachian Power Co - Transmission	143	5	148	114	18	30	162	310
Appalachian Power Co. - FERC	2,038	55	2,093	2,031	652	403	3,086	5,179
225 Cedar Coal Co	0	0	0	97	33	19	149	149
Appalachian Power Co. - SEC	2,038	55	2,093	2,128	685	422	3,235	5,328
211 AEP Texas Central Company - Distribution	829	20	849	888	249	354	1,491	2,340
147 AEP Texas Central Company - Generation	0	0	0	21	51	27	99	99
169 AEP Texas Central Company - Transmission	102	5	107	71	32	37	140	247
AEP Texas Central Co.	931	25	956	980	332	418	1,730	2,686
170 Indiana Michigan Power Co - Distribution	582	17	599	687	256	103	1,046	1,645
132 Indiana Michigan Power Co - Generation	375	18	393	288	89	96	473	866
190 Indiana Michigan Power Co - Nuclear	1,018	85	1,103	356	60	299	715	1,818
120 Indiana Michigan Power Co - Transmission	125	5	130	102	15	13	130	260
280 Ind Mich River Transp Lakin	266	51	317	109	42	58	209	526
Indiana Michigan Power Co. - FERC	2,366	176	2,542	1,542	462	569	2,573	5,115
202 Price River Coal	0	0	0	0	0	0	0	0
Indiana Michigan Power Co. - SEC	2,366	176	2,542	1,542	462	569	2,573	5,115
110 Kentucky Power Co - Distribution	229	11	240	194	70	57	321	561
117 Kentucky Power Co - Generation	100	0	100	93	23	35	151	251
180 Kentucky Power Co - Transmission	38	2	40	10	0	5	15	55
Kentucky Power Co.	367	13	380	297	93	97	487	867
104 Cardinal Operating Company	283	28	311	188	51	22	261	572
270 Cook Coal Terminal	14	0	14	12	2	3	17	31
250 Ohio Power Co - Distribution	1,411	65	1,476	1,801	472	279	2,552	4,028
181 Ohio Power Co - Generation	983	27	1,010	1,354	376	315	2,045	3,055
160 Ohio Power Co - Transmission	226	6	232	205	64	27	296	528
Ohio Power Co. - FERC	2,917	126	3,043	3,560	965	646	5,171	8,214
290 Conesville Coal Preparation Company	0	0	0	11	0	2	13	13
Ohio Power Co. - SEC	2,917	126	3,043	3,571	965	648	5,184	8,227
167 Public Service Co of Oklahoma - Distribution	617	32	649	453	197	161	811	1,460
198 Public Service Co of Oklahoma - Generation	325	29	354	176	73	68	317	671
114 Public Service Co of Oklahoma - Transmission	72	5	77	52	18	21	91	168
Public Service Co. of Oklahoma	1,014	66	1,080	681	288	250	1,219	2,299
159 Southwestern Electric Power Co - Distribution	493	38	531	182	101	70	353	884
168 Southwestern Electric Power Co - Generation	477	85	562	196	82	56	334	896
161 Southwestern Electric Power Co - Texas - Distribution	214	12	226	96	42	44	182	408
111 Southwestern Electric Power Co - Texas - Transmission	0	0	0	0	3	0	3	3
194 Southwestern Electric Power Co - Transmission	70	11	81	35	11	15	61	142
Southwestern Electric Power Co.	1,254	146	1,400	509	239	185	933	2,333
119 AEP Texas North Company - Distribution	245	6	251	169	81	97	347	598
166 AEP Texas North Company - Generation	0	0	0	106	50	32	188	188
192 AEP Texas North Company - Transmission	54	5	59	25	10	4	39	98
AEP Texas North Co.	299	11	310	300	141	133	574	884
230 Kingsport Power Co - Distribution	39	1	40	47	18	7	72	112
260 Kingsport Power Co - Transmission	12	0	12	8	1	2	11	23
Kingsport Power Co.	51	1	52	55	19	9	83	135
210 Wheeling Power Co - Distribution	49	0	49	56	30	7	93	142
200 Wheeling Power Co - Transmission	0	0	0	3	8	0	11	11
Wheeling Power Co.	49	0	49	59	38	7	104	153
103 American Electric Power Service Corporation	4,434	205	4,639	2,431	459	1,322	4,212	8,851
American Electric Power Service Corp	4,434	205	4,639	2,431	459	1,322	4,212	8,851
143 AEP Pro Serv, Inc.	0	0	0	1	0	2	3	3
171 CSW Energy, Inc.	28	2	30	3	1	22	26	56
293 Elmwood	98	3	101	5	0	17	22	123
292 AEP River Operations LLC	698	239	937	8	0	117	125	1,062
189 Central Coal Company	0	0	0	0	0	0	0	0
400 AEP Energy, Inc.	10	9	19	0	0	0	0	19
Miscellaneous	834	253	1,087	17	1	158	176	1,263
Total	16,554	1,077	17,631	12,570	3,722	4,218	20,510	38,141

American Electric Power System Retirement Plan

AMERICAN ELECTRIC POWER - QUALIFIED RETIREMENT PLAN

FUNDED STATUS OF PRESENT VALUE OF ACCUMULATED PLAN BENEFITS (ASC 960) AS OF JANUARY 1, 2013

Location	Present Value of Vested Benefits	Present Value of Non-Vested Benefits	Present Value of Accumulated Plan Benefits	Market Value of Assets	Percent Funded
140 Appalachian Power Co - Distribution	\$272,429,514	\$3,654,331	\$276,083,845	\$310,698,653	112.5%
215 Appalachian Power Co - Generation	229,414,847	2,674,294	232,089,141	265,787,815	114.5%
150 Appalachian Power Co - Transmission	42,164,508	555,390	42,719,898	46,176,153	108.1%
Appalachian Power Co. - FERC	\$544,008,869	\$6,884,015	\$550,892,884	\$622,662,621	113.0%
225 Cedar Coal Co	3,250,073	0	3,250,073	4,570,104	140.6%
Appalachian Power Co. - SEC	\$547,258,942	\$6,884,015	\$554,142,957	\$627,232,725	113.2%
211 AEP Texas Central Company - Distribution	\$234,145,026	\$692,475	\$234,837,501	\$276,973,531	117.9%
147 AEP Texas Central Company - Generation	6,744,147	0	6,744,147	13,917,981	206.4%
169 AEP Texas Central Company - Transmission	22,901,101	86,985	22,988,086	27,582,425	120.0%
AEP Texas Central Co.	\$263,790,274	\$779,460	\$264,569,734	\$318,473,937	120.4%
170 Indiana Michigan Power Co - Distribution	\$144,216,854	\$1,556,523	\$145,773,377	162,931,906	111.8%
132 Indiana Michigan Power Co - Generation	92,116,369	1,719,844	93,836,213	106,051,325	113.0%
190 Indiana Michigan Power Co - Nuclear	167,846,367	3,252,742	171,099,109	215,801,124	126.1%
120 Indiana Michigan Power Co - Transmission	31,471,562	475,669	31,947,231	34,854,412	109.1%
280 Ind Mich River Transp Lakin	26,007,135	669,269	26,676,404	36,223,706	135.8%
Indiana Michigan Power Co. - FERC	\$461,658,287	\$7,674,047	\$469,332,334	\$555,862,473	118.4%
202 Price River Coal	0	0	0	0	0.0%
Indiana Michigan Power Co. - SEC	\$461,658,287	\$7,674,047	\$469,332,334	\$555,862,473	118.4%
110 Kentucky Power Co - Distribution	\$60,901,011	\$716,449	\$61,617,460	67,974,210	110.3%
117 Kentucky Power Co - Generation	29,371,498	489,672	29,861,170	32,836,734	110.0%
180 Kentucky Power Co - Transmission	6,512,423	86,009	6,598,432	7,884,499	119.5%
Kentucky Power Co.	\$96,784,932	\$1,292,130	\$98,077,062	\$108,695,443	110.8%
104 Cardinal Operating Company	\$64,415,964	\$825,823	\$65,241,787	86,485,617	132.6%
270 Cook Coal Terminal	2,812,282	25,128	2,837,410	3,874,071	136.5%
250 Ohio Power Co - Distribution	373,403,603	3,837,363	377,240,966	433,037,966	114.8%
181 Ohio Power Co - Generation	313,075,054	3,331,386	316,406,440	426,570,397	134.8%
160 Ohio Power Co - Transmission	63,240,632	668,196	63,908,828	71,342,396	111.6%
Ohio Power Co. - FERC	\$816,947,535	\$8,687,896	\$825,635,431	\$1,021,310,447	123.7%
290 Conesville Coal Preparation Company	3,082,866	0	3,082,866	4,278,875	138.8%
Ohio Power Co. - SEC	\$820,030,401	\$8,687,896	\$828,718,297	\$1,025,589,322	123.8%
167 Public Service Co of Oklahoma - Distribution	\$134,968,231	\$442,045	\$135,410,276	161,833,182	119.5%
198 Public Service Co of Oklahoma - Generation	65,663,171	401,577	66,064,748	82,831,265	125.4%
114 Public Service Co of Oklahoma - Transmission	16,578,827	56,791	16,635,618	20,759,428	124.8%
Public Service Co. of Oklahoma	\$217,210,229	\$900,413	\$218,110,642	\$265,423,875	121.7%
159 Southwestern Electric Power Co - Distribution	\$79,607,842	\$384,855	\$79,992,697	101,957,530	127.5%
168 Southwestern Electric Power Co - Generation	87,636,087	729,584	88,365,671	108,410,263	122.7%
161 Southwestern Electric Power Co - Texas - Distributic	43,151,077	165,077	43,316,154	51,482,595	118.9%
111 Southwestern Electric Power Co - Texas - Transmis:	141,310	0	141,310	92,441	65.4%
194 Southwestern Electric Power Co - Transmission	12,889,114	68,529	12,957,643	17,611,710	135.9%
Southwestern Electric Power Co.	\$223,425,430	\$1,348,045	\$224,773,475	\$279,554,539	124.4%
119 AEP Texas North Company - Distribution	\$55,957,140	\$200,650	\$56,157,790	68,300,356	121.6%
166 AEP Texas North Company - Generation	19,524,816	0	19,524,816	24,647,642	126.2%
192 AEP Texas North Company - Transmission	8,543,611	54,357	8,597,968	10,824,256	125.9%
AEP Texas North Co.	\$84,025,567	\$255,007	\$84,280,574	\$103,772,254	123.1%
230 Kingsport Power Co - Distribution	\$10,672,029	\$78,683	\$10,750,712	12,089,541	112.5%
260 Kingsport Power Co - Transmission	3,183,285	26,151	3,209,436	3,511,299	109.4%
Kingsport Power Co.	\$13,855,314	\$104,834	\$13,960,148	\$15,600,840	111.8%
210 Wheeling Power Co - Distribution	\$13,600,686	\$78,954	\$13,679,640	15,820,181	115.6%
200 Wheeling Power Co - Transmission	665,072	0	665,072	905,980	136.2%
Wheeling Power Co.	\$14,265,758	\$78,954	\$14,344,712	\$16,726,161	116.6%
103 American Electric Power Service Corporation	\$1,137,855,199	\$17,230,776	\$1,155,085,975	1,329,524,806	115.1%
American Electric Power Service Corp	\$1,137,855,199	\$17,230,776	\$1,155,085,975	\$1,329,524,806	115.1%
143 AEP Pro Serv, Inc.	\$903,845	\$0	\$903,845	1,008,812	111.6%
171 CSW Energy, Inc.	3,603,667	41,351	3,645,018	4,776,213	131.0%
293 Elmwood	2,349,743	31,162	2,380,905	5,163,820	216.9%
292 AEP River Operations LLC	20,283,784	776,772	21,060,556	46,288,465	219.8%
189 Central Coal Company	0	0	0	0	0.0%
400 AEP Energy, Inc.	225,728	28,074	253,802	426,266	168.0%
Miscellaneous	\$27,366,767	\$877,359	\$28,244,126	\$57,663,576	204.2%
Total	\$3,907,527,100	\$46,112,936	\$3,953,640,036	\$4,704,119,951	119.0%

AMERICAN ELECTRIC POWER - QUALIFIED RETIREMENT PLAN
SUMMARY OF ASC 715-30 VALUATION RESULTS AS OF JANUARY 1, 2013

Location	Valuation Earnings	Market-Related Value of Assets	Fair Value of Assets	Accumulated Benefit Obligation	Projected Benefit Obligation	January 1, 2013 Pre-Tax AOCI
140 Appalachian Power Co - Distribution	\$83,453,196	\$290,426,971	\$310,698,653	\$352,224,499	\$356,015,564	\$157,850,367
215 Appalachian Power Co - Generation	80,650,270	248,446,362	265,787,815	297,703,498	302,154,519	116,457,824
150 Appalachian Power Co - Transmission	12,829,096	43,163,368	46,176,153	55,255,666	55,899,993	20,867,312
Appalachian Power Co. - FERC	\$176,932,562	\$582,036,701	\$622,662,621	\$705,183,663	\$714,070,076	\$295,175,503
225 Cedar Coal Co	0	4,271,925	4,570,103	3,977,605	3,977,605	3,150,433
Appalachian Power Co. - SEC	\$176,932,562	\$586,308,626	\$627,232,724	\$709,161,268	\$718,047,681	\$298,325,936
211 AEP Texas Central Company - Distribution	\$69,268,299	\$258,902,261	\$276,973,531	\$292,074,607	\$301,201,723	\$161,305,248
147 AEP Texas Central Company - Generation	0	13,009,896	13,917,981	8,058,001	8,058,001	(5,859,980)
169 AEP Texas Central Company - Transmission	9,171,479	25,782,797	27,582,425	28,634,747	29,784,458	19,195,783
AEP Texas Central Co.	\$ 78,439,778	\$ 297,694,954	\$ 318,473,937	\$ 328,767,355	\$ 339,044,182	\$ 174,641,051
170 Indiana Michigan Power Co - Distribution	\$49,009,699	\$152,301,336	\$162,931,905	\$184,377,661	\$187,660,109	\$81,918,746
132 Indiana Michigan Power Co - Generation	34,911,015	99,131,956	106,051,325	121,402,199	122,521,768	43,672,545
190 Indiana Michigan Power Co - Nuclear	110,303,278	201,721,077	215,801,124	226,068,435	232,804,570	59,522,596
120 Indiana Michigan Power Co - Transmission	11,239,439	32,580,319	34,854,412	41,042,199	41,849,984	16,471,108
280 Ind Mich River Transp Lakin	21,853,362	33,860,273	36,223,706	34,893,400	37,117,633	9,192,809
Indiana Michigan Power Co. - FERC	\$227,316,793	\$519,594,961	\$555,862,472	\$607,783,924	\$621,954,064	\$210,777,804
202 Price River Coal	0	0	0	0	0	389,867
Indiana Michigan Power Co. - SEC	\$227,316,793	\$519,594,961	\$555,862,472	\$607,783,924	\$621,954,064	\$211,167,671
110 Kentucky Power Co - Distribution	\$20,126,560	\$63,539,200	\$67,974,209	\$79,309,161	\$80,098,595	\$30,073,749
117 Kentucky Power Co - Generation	8,848,893	30,694,286	32,836,735	38,931,754	39,238,018	14,393,321
180 Kentucky Power Co - Transmission	3,410,204	7,370,071	7,884,499	8,824,275	8,984,302	2,480,937
Kentucky Power Co.	\$32,385,657	\$101,603,557	\$108,695,443	\$127,065,190	\$128,320,915	\$46,948,007
104 Cardinal Operating Company	\$25,894,050	\$80,842,822	\$86,485,617	\$83,814,768	\$85,290,814	(\$1,194,803)
270 Cook Coal Terminal	1,382,467	3,621,305	3,874,071	3,574,755	3,714,387	690,512
250 Ohio Power Co - Distribution	115,843,655	404,784,198	433,037,967	474,849,852	484,325,650	245,577,968
181 Ohio Power Co - Generation	86,348,919	398,738,608	426,570,396	403,020,385	407,782,109	204,147,661
160 Ohio Power Co - Transmission	19,751,139	66,687,627	71,342,396	81,226,779	82,744,820	40,561,542
Ohio Power Co. - FERC	\$249,220,230	\$954,674,560	\$1,021,310,447	\$1,046,486,539	\$1,063,857,780	\$489,782,880
290 Conesville Coal Preparation Company	0	3,999,698	4,278,875	3,889,724	3,889,724	1,126,494
Ohio Power Co. - SEC	\$249,220,230	\$958,674,258	\$1,025,589,322	\$1,050,376,263	\$1,067,747,504	\$490,909,374
167 Public Service Co of Oklahoma - Distribution	\$53,379,152	\$151,274,299	\$161,833,182	\$167,523,293	\$174,659,697	\$84,115,079
198 Public Service Co of Oklahoma - Generation	31,421,674	77,426,900	82,831,266	81,316,133	84,793,069	33,102,484
114 Public Service Co of Oklahoma - Transmission	6,843,510	19,404,969	20,759,427	20,603,164	21,403,268	8,797,113
Public Service Co. of Oklahoma	\$91,644,336	\$248,106,168	\$265,423,875	\$269,442,590	\$280,856,034	\$126,014,676
159 Southwestern Electric Power Co - Distribution	\$43,489,066	\$95,305,262	\$101,957,529	\$99,012,502	\$105,366,897	\$50,524,695
168 Southwestern Electric Power Co - Generation	48,500,651	101,336,984	108,410,263	108,965,343	113,704,753	45,934,388
161 Southwestern Electric Power Co - Texas - Distribution	18,251,398	48,123,589	51,482,596	53,372,485	55,539,665	26,920,044
111 Southwestern Electric Power Co - Texas - Transmission	0	86,410	92,441	160,412	160,412	926,648
194 Southwestern Electric Power Co - Transmission	7,026,635	16,462,626	17,611,710	16,173,027	17,012,007	6,062,957
Southwestern Electric Power Co.	\$117,267,750	\$261,314,871	\$279,554,539	\$277,683,769	\$291,783,734	\$130,368,732
119 AEP Texas North Company - Distribution	\$20,728,284	\$63,844,067	\$68,300,356	\$68,878,696	\$71,222,835	\$35,588,674
166 AEP Texas North Company - Generation	0	23,039,495	24,647,642	23,915,680	23,915,680	19,630,313
192 AEP Texas North Company - Transmission	5,044,668	10,118,022	10,824,255	10,604,290	11,303,319	5,229,839
AEP Texas North Co.	\$25,772,952	\$97,001,584	\$103,772,253	\$103,398,666	\$106,441,834	\$60,448,826
230 Kingsport Power Co - Distribution	\$3,108,202	\$11,300,753	\$12,089,541	\$13,730,047	\$13,877,519	\$6,557,221
260 Kingsport Power Co - Transmission	987,763	3,282,203	3,511,299	4,060,752	4,136,355	1,623,726
Kingsport Power Co.	\$4,095,965	\$14,582,956	\$15,600,840	\$17,790,799	\$18,013,874	\$8,180,947
210 Wheeling Power Co - Distribution	\$3,873,319	\$14,787,986	\$15,820,181	\$17,329,189	\$17,544,397	\$8,919,033
200 Wheeling Power Co - Transmission	0	846,869	905,980	766,115	766,115	712,793
Wheeling Power Co.	\$3,873,319	\$15,634,855	\$16,726,161	\$18,095,304	\$18,310,512	\$9,631,826
103 American Electric Power Service Corporation	484,542,281	\$1,242,779,324	\$1,329,524,809	\$1,482,506,270	\$1,522,509,761	\$552,788,499
American Electric Power Service Corp	\$484,542,281	\$1,242,779,324	\$1,329,524,809	\$1,482,506,270	\$1,522,509,761	\$552,788,499
143 AEP Pro Serv, Inc.	\$0	\$942,992	\$1,008,812	\$1,201,854	\$1,201,854	\$171,877
171 CSW Energy, Inc.	4,463,421	4,464,587	4,776,213	5,106,971	5,880,340	4,757,353
293 Elmwood	4,967,138	4,826,904	5,163,820	3,127,499	3,467,643	(1,719,198)
292 AEP River Operations LLC	71,197,827	43,268,352	46,288,465	27,868,357	34,955,602	(3,364,866)
189 Central Coal Company	0	0	0	0	0	3,979
400 AEP Energy, Inc.	1,546,346	398,454	426,266	382,748	382,748	0
Miscellaneous	\$ 82,174,732	\$ 53,901,289	\$ 57,663,576	\$ 37,687,429	\$ 45,888,187	\$ (150,855)
Total	\$ 1,573,666,355	\$ 4,397,197,403	\$ 4,704,119,951	\$ 5,029,758,827	\$ 5,158,918,282	\$ 2,109,274,690

**AMERICAN ELECTRIC POWER
QUALIFIED RETIREMENT PLAN
2013 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	\$356,015,564	\$290,426,971	\$2,855,988	\$13,703,437	(\$18,348,002)	\$95,769	\$12,403,475	\$10,710,667
215 Appalachian Power Co - Generation	302,154,519	248,446,362	2,952,465	11,650,448	(15,695,836)	88,548	10,526,972	9,522,597
150 Appalachian Power Co - Transmission	55,899,993	43,163,368	362,347	2,148,366	(2,726,887)	13,259	1,947,539	1,744,624
Appalachian Power Co. - FERC	\$714,070,076	\$582,036,701	\$6,170,800	\$27,502,251	(\$36,770,725)	\$197,576	\$24,877,986	\$21,977,888
225 Cedar Coal Co	3,977,605	4,271,925	0	151,884	(269,883)	256	138,579	20,836
Appalachian Power Co. - SEC	\$718,047,681	\$586,308,626	\$6,170,800	\$27,654,135	(\$37,040,608)	\$197,832	\$25,016,565	\$21,998,724
211 AEP Texas Central Company - Distribution	\$301,201,723	\$258,902,261	\$4,269,812	\$11,664,368	(\$16,356,398)	\$290,727	\$10,493,777	\$10,362,286
147 AEP Texas Central Company - Generation	8,058,001	13,009,896	0	307,693	(821,913)	0	280,738	(233,482)
169 AEP Texas Central Company - Transmission	29,784,458	25,782,797	569,652	1,159,066	(1,628,853)	32,237	1,037,682	1,169,784
AEP Texas Central Co.	\$339,044,182	\$297,694,954	\$4,839,464	\$13,131,127	(\$18,807,164)	\$322,964	\$11,812,197	\$11,298,588
170 Indiana Michigan Power Co - Distribution	\$187,660,109	\$152,301,336	\$1,746,363	\$7,232,448	(\$9,621,783)	\$49,784	\$6,538,022	\$5,944,834
132 Indiana Michigan Power Co - Generation	122,521,768	99,131,956	1,115,205	4,721,053	(6,262,756)	32,157	4,268,622	3,874,281
190 Indiana Michigan Power Co - Nuclear	232,804,570	201,721,077	4,544,568	9,063,129	(12,743,922)	85,904	8,110,841	9,060,520
120 Indiana Michigan Power Co - Transmission	41,849,984	32,580,319	364,055	1,611,934	(2,058,293)	10,708	1,458,041	1,386,445
280 Ind Mich River Transp Lakin	37,117,633	33,860,273	936,453	1,453,088	(2,139,155)	16,825	1,293,167	1,560,378
Indiana Michigan Power Co. - FERC	\$621,954,064	\$519,594,961	\$8,706,644	\$24,081,652	(\$32,825,909)	\$195,378	\$21,668,693	\$21,826,458
202 Price River Coal	0	0	0	0	0	32	0	32
Indiana Michigan Power Co. - SEC	\$621,954,064	\$519,594,961	\$8,706,644	\$24,081,652	(\$32,825,909)	\$195,410	\$21,668,693	\$21,826,490
110 Kentucky Power Co - Distribution	\$80,098,595	\$63,539,200	\$648,363	\$3,083,306	(\$4,014,150)	\$24,194	\$2,790,611	\$2,532,324
117 Kentucky Power Co - Generation	39,238,018	30,694,286	263,078	1,508,341	(1,939,141)	12,900	1,367,041	1,212,219
180 Kentucky Power Co - Transmission	8,984,302	7,370,071	114,672	347,442	(465,611)	3,861	313,010	313,374
Kentucky Power Co.	\$128,320,915	\$101,603,557	\$1,026,113	\$4,939,089	(\$6,418,902)	\$40,955	\$4,470,662	\$4,057,917
104 Cardinal Operating Company	\$85,290,814	\$80,842,822	\$1,020,149	\$3,295,767	(\$5,107,323)	\$18,876	\$2,971,506	\$2,198,975
270 Cook Coal Terminal	3,714,387	3,621,305	61,064	144,165	(228,779)	963	129,408	106,821
250 Ohio Power Co - Distribution	484,325,650	404,784,198	4,544,447	18,667,405	(25,572,629)	131,694	16,873,760	14,644,677
181 Ohio Power Co - Generation	407,782,109	398,738,608	3,158,513	15,691,684	(25,190,693)	104,403	14,207,006	7,970,913
160 Ohio Power Co - Transmission	82,744,820	66,687,627	698,876	3,186,281	(4,213,055)	25,286	2,882,805	2,580,193
Ohio Power Co. - FERC	\$1,063,857,780	\$954,674,560	\$9,483,049	\$40,985,302	(\$60,312,479)	\$281,222	\$37,064,485	\$27,501,579
290 Conesville Coal Preparation Company	3,889,724	3,999,698	0	148,828	(252,685)	705	135,517	32,065
Ohio Power Co. - SEC	\$1,067,747,504	\$958,674,258	\$9,483,049	\$41,133,830	(\$60,565,164)	\$281,927	\$37,200,002	\$27,533,644
167 Public Service Co of Oklahoma - Distribution	\$174,659,697	\$151,274,299	\$3,237,302	\$6,792,961	(\$9,556,898)	\$182,961	\$6,085,091	\$6,741,417
198 Public Service Co of Oklahoma - Generation	84,793,069	77,426,900	1,907,355	3,310,638	(4,891,518)	93,179	2,954,165	3,373,819
114 Public Service Co of Oklahoma - Transmission	21,403,268	19,404,969	404,338	832,719	(1,225,927)	22,686	745,683	779,499
Public Service Co. of Oklahoma	\$280,856,034	\$248,106,168	\$5,548,995	\$10,936,318	(\$15,674,343)	\$298,826	\$9,784,939	\$10,894,735
159 Southwestern Electric Power Co - Distribution	\$105,366,897	\$95,305,262	\$2,556,860	\$4,121,047	(\$6,021,001)	\$128,735	\$3,670,951	\$4,456,592
168 Southwestern Electric Power Co - Generation	113,704,753	101,336,984	2,897,744	4,452,443	(6,402,061)	133,858	3,961,439	5,043,423
161 Southwestern Electric Power Co - Texas - Distribution	55,539,665	48,123,589	1,138,715	2,164,252	(3,040,254)	66,462	1,934,985	2,264,160
111 Southwestern Electric Power Co - Texas - Transmission	160,412	86,410	0	6,125	(5,459)	104	5,589	6,359
194 Southwestern Electric Power Co - Transmission	17,012,007	16,462,626	412,193	665,340	(1,040,042)	21,709	592,693	651,893
Southwestern Electric Power Co.	\$291,783,734	\$261,314,871	\$7,005,512	\$11,409,207	(\$16,508,817)	\$350,868	\$10,165,657	\$12,422,427
119 AEP Texas North Company - Distribution	\$71,222,835	\$63,844,067	\$1,308,039	\$2,769,577	(\$4,033,410)	\$89,255	\$2,481,382	\$2,614,843
166 AEP Texas North Company - Generation	23,915,680	23,039,495	0	913,215	(1,455,542)	7,536	833,215	298,424
192 AEP Texas North Company - Transmission	11,303,319	10,118,022	294,180	442,848	(639,216)	12,469	393,804	504,085
AEP Texas North Co.	\$106,441,834	\$97,001,584	\$1,602,219	\$4,125,640	(\$6,128,168)	\$109,260	\$3,708,401	\$3,417,352
230 Kingsport Power Co - Distribution	\$13,877,519	\$11,300,753	\$120,480	\$534,511	(\$713,936)	\$3,610	\$483,489	\$428,154
260 Kingsport Power Co - Transmission	4,136,355	3,282,203	36,154	159,326	(207,356)	562	144,109	132,795
Kingsport Power Co.	\$18,013,874	\$14,582,956	\$156,634	\$693,837	(\$921,292)	\$4,172	\$627,598	\$560,949
210 Wheeling Power Co - Distribution	\$17,544,397	\$14,787,986	\$163,926	\$676,189	(\$934,245)	\$6,413	\$611,242	\$523,525
200 Wheeling Power Co - Transmission	766,115	846,869	0	29,254	(53,502)	53	26,691	2,496
Wheeling Power Co.	\$18,310,512	\$15,634,855	\$163,926	\$705,443	(\$987,747)	\$6,466	\$637,933	\$526,021
103 American Electric Power Service Corporation	\$1,522,509,761	\$1,242,779,324	\$19,170,773	\$58,868,754	(\$78,513,771)	\$0	\$53,043,781	\$53,220,412
American Electric Power Service Corp	\$1,522,509,761	\$1,242,779,324	\$19,170,773	\$58,868,754	(\$78,513,771)	\$0	\$53,043,781	\$53,220,412
143 AEP Pro Serv, Inc.	\$1,201,854	\$942,992	\$0	\$45,893	(\$59,574)	\$42	\$41,872	\$28,233
171 CSW Energy, Inc.	5,880,340	4,464,587	232,921	233,434	(282,055)	3,644	204,869	392,813
293 Elmwood	3,467,643	4,826,904	322,596	144,730	(304,944)	6,722	120,812	289,916
292 AEP River Operations LLC	34,955,602	43,268,352	4,259,079	1,497,405	(2,733,520)	37,599	1,217,843	4,278,406
189 Central Coal Company	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
400 AEP Energy, Inc.	382,748	398,454	0	14,615	0	0	13,335	27,950
Miscellaneous	\$45,888,187	\$53,901,289	\$4,814,596	\$1,936,077	(\$3,380,093)	\$48,007	\$1,598,731	\$5,017,318
Total	\$5,158,918,282	\$4,397,197,403	\$68,688,725	\$199,615,109	(\$277,771,978)	\$1,856,687	\$179,735,159	\$172,774,577

American Electric Power System Retirement Plan

AMERICAN ELECTRIC POWER
 QUALIFIED RETIREMENT PLAN
 ESTIMATED 2014 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	\$329,362,267	\$299,352,628	\$2,840,971	\$14,582,729	(\$18,927,712)	\$95,769	\$8,682,144	\$7,273,901
215 Appalachian Power Co - Generation	279,533,558	258,577,477	2,936,941	12,399,610	(16,349,548)	88,548	7,368,636	6,444,187
150 Appalachian Power Co - Transmission	51,715,010	44,958,928	360,442	2,285,957	(2,842,700)	13,259	1,363,232	1,180,190
Appalachian Power Co. - FERC	\$660,610,835	\$602,889,033	\$6,138,354	\$29,268,296	(\$38,119,960)	\$197,576	\$17,414,012	\$14,898,278
225 Cedar Coal Co	3,679,819	4,328,634	0	161,533	(273,694)	256	97,002	(14,903)
Appalachian Power Co. - SEC	\$664,290,654	\$607,217,667	\$6,138,354	\$29,429,829	(\$38,393,654)	\$197,832	\$17,511,014	\$14,883,375
211 AEP Texas Central Company - Distribution	\$278,652,094	\$268,610,282	\$4,247,361	\$12,418,440	(\$16,983,910)	\$290,197	\$7,345,400	\$7,317,488
147 AEP Texas Central Company - Generation	7,454,734	13,779,590	0	327,241	(871,267)	0	196,510	(347,516)
169 AEP Texas Central Company - Transmission	27,554,629	26,846,265	566,657	1,234,440	(1,697,458)	32,185	726,353	862,177
AEP Texas Central Co.	\$313,661,457	\$309,236,137	\$4,814,018	\$13,980,121	(\$19,552,635)	\$322,382	\$8,268,263	\$7,832,149
170 Indiana Michigan Power Co - Distribution	\$173,610,834	\$155,920,634	\$1,737,180	\$7,697,253	(\$9,858,677)	\$49,784	\$4,576,463	\$4,202,003
132 Indiana Michigan Power Co - Generation	113,349,110	103,614,620	1,109,341	5,024,384	(6,551,430)	32,157	2,987,936	2,602,388
190 Indiana Michigan Power Co - Nuclear	215,375,531	216,223,369	4,520,672	9,652,786	(13,671,547)	85,904	5,677,400	6,265,215
120 Indiana Michigan Power Co - Transmission	38,716,862	33,674,570	362,141	1,715,451	(2,129,203)	10,708	1,020,595	979,692
280 Ind Mich River Transp Lakin	34,338,801	36,238,291	931,529	1,548,262	(2,291,304)	16,825	905,187	1,110,499
Indiana Michigan Power Co. - FERC	\$575,391,138	\$545,671,484	\$8,660,863	\$25,638,136	(\$34,502,161)	\$195,378	\$15,167,581	\$15,159,797
202 Price River Coal	0	0	0	0	0	32	0	32
Indiana Michigan Power Co. - SEC	\$575,391,138	\$545,671,484	\$8,660,863	\$25,638,136	(\$34,502,161)	\$195,410	\$15,167,581	\$15,159,829
110 Kentucky Power Co - Distribution	\$74,101,971	\$65,822,609	\$644,954	\$3,281,166	(\$4,161,886)	\$24,194	\$1,953,363	\$1,741,791
117 Kentucky Power Co - Generation	36,300,443	32,181,904	261,695	1,604,969	(2,034,824)	12,900	956,897	801,637
180 Kentucky Power Co - Transmission	8,311,687	7,897,550	114,069	369,865	(499,353)	3,861	219,100	207,542
Kentucky Power Co.	\$118,714,101	\$105,902,063	\$1,020,718	\$5,256,000	(\$6,696,063)	\$40,955	\$3,129,360	\$2,750,970
104 Cardinal Operating Company	\$78,905,471	\$83,370,619	\$1,014,785	\$3,508,260	(\$5,271,425)	\$18,876	\$2,079,985	\$1,350,481
270 Cook Coal Terminal	3,436,307	3,770,302	60,743	153,510	(238,392)	963	90,583	67,407
250 Ohio Power Co - Distribution	448,066,350	415,363,732	4,520,552	19,867,211	(26,262,957)	131,694	11,811,239	10,067,739
181 Ohio Power Co - Generation	377,253,282	410,096,995	3,141,905	16,698,211	(25,929,947)	104,403	9,944,573	3,959,145
160 Ohio Power Co - Transmission	76,550,085	68,851,178	695,201	3,390,837	(4,353,378)	25,286	2,017,896	1,775,842
Ohio Power Co. - FERC	\$984,211,495	\$981,452,826	\$9,433,186	\$43,618,029	(\$62,056,099)	\$281,222	\$25,944,276	\$17,220,614
290 Conesville Coal Preparation Company	3,598,518	4,072,426	0	157,964	(257,495)	705	94,859	(3,967)
Ohio Power Co. - SEC	\$987,810,013	\$985,525,252	\$9,433,186	\$43,775,993	(\$62,313,594)	\$281,927	\$26,039,135	\$17,216,647
167 Public Service Co of Oklahoma - Distribution	\$161,583,705	\$157,788,246	\$3,220,280	\$7,234,402	(\$9,976,764)	\$182,659	\$4,259,422	\$4,919,999
198 Public Service Co of Oklahoma - Generation	78,444,990	81,956,390	1,897,326	3,526,787	(5,182,005)	93,055	2,067,847	2,403,010
114 Public Service Co of Oklahoma - Transmission	19,800,901	20,467,667	402,212	886,856	(1,294,146)	22,653	521,961	539,536
Public Service Co. of Oklahoma	\$259,829,596	\$260,212,303	\$5,519,818	\$11,648,045	(\$16,452,915)	\$298,367	\$6,849,230	\$7,862,545
159 Southwestern Electric Power Co - Distribution	\$97,478,548	\$101,226,920	\$2,543,416	\$4,390,665	(\$6,400,458)	\$128,573	\$2,569,580	\$3,231,776
168 Southwestern Electric Power Co - Generation	105,192,186	107,818,724	2,882,507	4,744,156	(6,817,250)	133,705	2,772,915	3,716,033
161 Southwestern Electric Power Co - Texas - Distribution	51,381,658	49,989,046	1,132,727	2,305,224	(3,160,748)	66,381	1,354,445	1,698,029
111 Southwestern Electric Power Co - Texas - Transmission	148,403	71,702	0	6,514	(4,534)	103	3,912	5,995
194 Southwestern Electric Power Co - Transmission	15,738,394	16,829,520	410,026	708,867	(1,064,111)	21,686	414,871	491,339
Southwestern Electric Power Co.	\$269,939,189	\$275,935,912	\$6,968,676	\$12,155,426	(\$17,447,101)	\$350,448	\$7,115,723	\$9,143,172
119 AEP Texas North Company - Distribution	\$65,890,699	\$66,784,525	\$1,301,161	\$2,949,522	(\$4,222,706)	\$89,140	\$1,736,910	\$1,854,027
166 AEP Texas North Company - Generation	22,125,220	23,323,603	0	971,231	(1,474,724)	7,475	583,231	87,213
192 AEP Texas North Company - Transmission	10,457,090	10,946,085	292,633	471,881	(692,108)	12,453	275,654	360,513
AEP Texas North Co.	\$98,473,009	\$101,054,213	\$1,593,794	\$4,392,634	(\$6,389,538)	\$109,068	\$2,595,795	\$2,301,753
230 Kingsport Power Co - Distribution	\$12,838,571	\$11,643,774	\$119,846	\$568,836	(\$736,222)	\$3,610	\$338,431	\$294,501
260 Kingsport Power Co - Transmission	3,826,685	3,383,118	35,964	169,559	(213,911)	562	100,873	93,047
Kingsport Power Co.	\$16,665,256	\$15,026,892	\$155,810	\$738,395	(\$950,133)	\$4,172	\$439,304	\$387,548
210 Wheeling Power Co - Distribution	\$16,230,926	\$15,345,346	\$163,064	\$719,647	(\$970,268)	\$6,413	\$427,855	\$346,711
200 Wheeling Power Co - Transmission	708,759	834,921	0	31,112	(52,791)	53	18,683	(2,943)
Wheeling Power Co.	\$16,939,685	\$16,180,267	\$163,064	\$750,759	(\$1,023,059)	\$6,466	\$446,538	\$343,768
103 American Electric Power Service Corporation	\$1,408,526,249	\$1,292,878,200	\$19,069,968	\$62,667,205	(\$81,747,157)	\$0	\$37,129,408	\$37,769,957
American Electric Power Service Corp	\$1,408,526,249	\$1,292,878,200	\$19,069,968	\$62,667,205	(\$81,747,157)	\$0	\$37,129,408	\$37,769,957
143 AEP Pro Serv, Inc.	\$1,111,877	\$957,546	\$0	\$48,808	(\$60,544)	\$42	\$29,310	\$17,616
171 CSW Energy, Inc.	5,440,105	4,906,817	231,696	248,975	(310,252)	3,639	143,404	317,462
293 Elmwood	3,208,036	5,075,149	320,900	154,910	(320,896)	6,722	84,565	246,201
292 AEP River Operations LLC	32,338,632	45,296,106	4,236,684	1,605,547	(2,864,019)	37,599	852,461	3,868,272
189 Central Coal Company	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
400 AEP Energy, Inc.	354,093	426,979	0	15,544	(26,997)	0	9,334	(2,119)
Miscellaneous	\$42,452,743	\$56,662,597	\$4,789,280	\$2,073,784	(\$3,582,708)	\$48,002	\$1,119,074	\$4,447,432
Total	\$4,772,693,090	\$4,571,502,987	\$68,327,549	\$212,506,327	(\$289,050,718)	\$1,855,029	\$125,810,425	\$120,099,145

**AMERICAN ELECTRIC POWER
QUALIFIED RETIREMENT PLAN
ESTIMATED 2015 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	\$319,939,323	\$308,952,686	\$2,993,503	\$14,615,629	(\$1,782,192)	\$86,250	\$6,926,861	\$5,840,051
215 Appalachian Power Co - Generation	271,536,197	268,926,034	3,094,625	12,429,527	(16,348,848)	81,866	5,878,907	5,136,077
150 Appalachian Power Co - Transmission	50,235,461	46,706,556	379,794	2,290,798	(2,839,436)	12,132	1,087,625	930,913
Appalachian Power Co. - FERC	\$641,710,981	\$624,585,276	\$6,467,922	\$29,335,954	(\$37,970,476)	\$180,248	\$13,893,393	\$11,907,041
225 Cedar Coal Co	3,574,541	4,359,386	0	161,780	(265,021)	43	77,391	(25,807)
Appalachian Power Co. - SEC	\$645,285,522	\$628,944,662	\$6,467,922	\$29,497,734	(\$38,235,497)	\$180,291	\$13,970,784	\$11,881,234
211 AEP Texas Central Company - Distribution	\$270,679,951	\$268,839,934	\$4,475,401	\$12,453,267	(\$16,343,614)	\$237,577	\$5,860,369	\$6,683,000
147 AEP Texas Central Company - Generation	7,241,457	14,453,203	0	327,741	(878,655)	0	156,781	(394,133)
169 AEP Texas Central Company - Transmission	26,766,300	26,691,997	597,080	1,238,440	(1,622,689)	26,951	579,505	819,287
AEP Texas Central Co.	\$304,687,708	\$309,985,134	\$5,072,481	\$14,019,448	(\$18,844,958)	\$264,528	\$6,596,655	\$7,108,154
170 Indiana Michigan Power Co - Distribution	\$168,643,886	\$160,311,621	\$1,830,450	\$7,715,505	(\$9,745,841)	\$44,840	\$3,651,232	\$3,496,186
132 Indiana Michigan Power Co - Generation	110,106,230	108,867,292	1,168,902	5,036,205	(6,618,380)	29,551	2,383,860	2,000,138
190 Indiana Michigan Power Co - Nuclear	209,213,709	221,853,676	4,763,387	9,684,398	(13,487,173)	81,866	4,529,591	5,572,069
120 Indiana Michigan Power Co - Transmission	37,609,186	34,873,877	381,584	1,719,426	(2,120,091)	9,762	814,259	804,940
280 Ind Mich River Transp Lakin	33,356,379	37,224,425	981,543	1,554,101	(2,262,988)	16,001	722,184	1,010,841
Indiana Michigan Power Co. - FERC	\$558,929,390	\$563,130,891	\$9,125,866	\$25,709,635	(\$34,234,473)	\$182,020	\$12,101,126	\$12,884,174
202 Price River Coal	0	0	0	0	0	5	0	5
Indiana Michigan Power Co. - SEC	\$558,929,390	\$563,130,891	\$9,125,866	\$25,709,635	(\$34,234,473)	\$182,025	\$12,101,126	\$12,884,179
110 Kentucky Power Co - Distribution	\$71,981,939	\$68,677,621	\$679,581	\$3,288,591	(\$4,175,126)	\$22,536	\$1,558,448	\$1,374,030
117 Kentucky Power Co - Generation	35,261,900	33,651,919	275,745	1,608,400	(2,045,805)	12,083	763,439	613,862
180 Kentucky Power Co - Transmission	8,073,892	8,514,055	120,193	370,856	(517,596)	3,701	174,804	151,958
Kentucky Power Co.	\$115,317,731	\$110,843,595	\$1,075,519	\$5,267,847	(\$6,738,527)	\$38,320	\$2,496,691	\$2,139,850
104 Cardinal Operating Company	\$76,648,012	\$84,900,282	\$1,069,269	\$3,517,409	(\$5,161,352)	\$17,142	\$1,659,471	\$1,101,939
270 Cook Coal Terminal	3,337,995	3,875,170	64,004	153,971	(235,584)	887	72,269	55,547
250 Ohio Power Co - Distribution	435,247,322	426,915,343	4,763,260	19,914,456	(25,953,508)	117,145	9,423,342	8,264,695
181 Ohio Power Co - Generation	366,460,192	416,871,935	3,310,594	16,735,470	(25,342,938)	94,065	7,934,063	2,731,254
160 Ohio Power Co - Transmission	74,360,013	70,673,069	732,527	3,398,616	(4,296,435)	23,045	1,609,935	1,467,688
Ohio Power Co. - FERC	\$956,053,534	\$1,003,235,799	\$9,939,654	\$43,719,922	(\$60,989,817)	\$252,284	\$20,699,080	\$13,621,123
290 Conesville Coal Preparation Company	3,495,566	4,097,203	0	158,206	(249,082)	629	75,681	(14,566)
Ohio Power Co. - SEC	\$959,549,100	\$1,007,333,002	\$9,939,654	\$43,878,128	(\$61,238,899)	\$252,913	\$20,774,761	\$13,606,557
167 Public Service Co of Oklahoma - Distribution	\$156,960,849	\$157,455,486	\$3,393,177	\$7,257,469	(\$9,572,208)	\$152,670	\$3,398,288	\$4,629,396
198 Public Service Co of Oklahoma - Generation	76,200,705	82,009,634	1,999,193	3,539,252	(4,985,620)	80,740	1,649,787	2,283,352
114 Public Service Co of Oklahoma - Transmission	19,234,404	20,615,701	423,807	889,712	(1,253,292)	19,403	416,435	496,065
Public Service Co. of Oklahoma	\$252,395,958	\$260,080,821	\$5,816,177	\$11,686,433	(\$15,811,120)	\$252,813	\$5,464,510	\$7,408,813
159 Southwestern Electric Power Co - Distribution	\$94,689,719	\$101,857,647	\$2,679,972	\$4,406,859	(\$6,192,242)	\$112,469	\$2,050,084	\$3,057,142
168 Southwestern Electric Power Co - Generation	102,182,673	107,426,539	3,037,269	4,762,153	(6,530,793)	118,503	2,212,311	3,599,443
161 Southwestern Electric Power Co - Texas - Distribution	49,911,646	49,785,337	1,193,544	2,312,972	(3,026,605)	58,311	1,080,614	1,618,836
111 Southwestern Electric Power Co - Texas - Transmission	144,157	268,501	0	6,524	(16,323)	11	3,121	(6,667)
194 Southwestern Electric Power Co - Transmission	15,288,124	16,927,962	432,040	711,480	(1,029,103)	19,320	330,996	464,733
Southwestern Electric Power Co.	\$262,216,319	\$276,265,986	\$7,342,825	\$12,199,988	(\$16,795,066)	\$308,614	\$5,677,126	\$8,733,487
119 AEP Texas North Company - Distribution	\$64,005,588	\$65,963,317	\$1,371,020	\$2,958,882	(\$4,010,115)	\$77,637	\$1,385,756	\$1,783,180
166 AEP Texas North Company - Generation	21,492,225	23,317,974	0	972,717	(1,417,572)	1,465	465,318	21,928
192 AEP Texas North Company - Transmission	10,157,916	11,145,360	308,345	473,693	(677,561)	10,813	219,924	335,214
AEP Texas North Co.	\$95,655,729	\$100,426,651	\$1,679,365	\$4,405,292	(\$6,105,248)	\$89,915	\$2,070,998	\$2,140,322
230 Kingsport Power Co - Distribution	\$12,471,264	\$11,982,936	\$126,281	\$570,153	(\$728,480)	\$3,237	\$270,010	\$241,201
260 Kingsport Power Co - Transmission	3,717,205	3,450,822	37,895	169,952	(209,786)	491	80,480	79,032
Kingsport Power Co.	\$16,188,469	\$15,433,758	\$164,176	\$740,105	(\$938,266)	\$3,728	\$350,490	\$320,233
210 Wheeling Power Co - Distribution	\$15,766,565	\$15,944,296	\$171,819	\$721,356	(\$969,303)	\$5,900	\$341,355	\$271,127
200 Wheeling Power Co - Transmission	688,482	813,549	0	31,160	(49,458)	9	14,906	(3,383)
Wheeling Power Co.	\$16,455,047	\$16,757,845	\$171,819	\$752,516	(\$1,018,761)	\$5,909	\$356,261	\$267,744
103 American Electric Power Service Corporation	\$1,368,228,786	\$1,358,008,453	\$20,093,838	\$62,834,149	(\$82,557,546)	\$0	\$29,622,899	\$30,585,866
American Electric Power Service Corp	\$1,368,228,786	\$1,358,008,453	\$20,093,838	\$62,834,149	(\$82,557,546)	\$0	\$29,622,899	\$30,585,866
143 AEP Pro Serv, Inc.	\$1,080,067	\$960,175	\$0	\$48,883	(\$58,372)	\$40	\$23,384	\$13,935
171 CSW Energy, Inc.	5,284,465	5,527,905	244,136	250,219	(336,058)	3,062	114,412	275,771
293 Elmwood	3,116,255	5,264,310	338,129	156,342	(320,034)	6,701	67,469	248,607
292 AEP River Operations LLC	31,413,435	47,013,301	4,464,152	1,623,785	(2,858,084)	37,531	680,118	3,947,502
189 Central Coal Company	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
400 AEP Energy, Inc.	343,963	451,756	0	15,567	(27,464)	0	7,447	(4,450)
Miscellaneous	\$41,238,185	\$59,217,447	\$5,046,417	\$2,094,796	(\$3,600,012)	\$47,334	\$892,830	\$4,481,365
Total	\$4,636,147,944	\$4,706,428,245	\$71,996,059	\$213,086,071	(\$286,118,373)	\$1,626,390	\$100,375,131	\$101,557,804

American Electric Power System Retirement Plan

AMERICAN ELECTRIC POWER
 QUALIFIED RETIREMENT PLAN
 ESTIMATED 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	\$312,001,946	\$350,847,043	\$3,092,094	\$14,541,590	(\$21,327,244)	\$84,048	\$5,611,459	\$2,001,947
215 Appalachian Power Co - Generation	264,799,653	268,244,409	3,196,546	12,368,025	(16,306,006)	80,120	4,762,510	4,101,195
150 Appalachian Power Co - Transmission	48,989,169	52,241,328	392,302	2,278,955	(3,175,639)	11,874	881,086	388,578
Appalachian Power Co. - FERC	\$625,790,768	\$671,332,780	\$6,680,942	\$29,188,570	(\$40,808,889)	\$176,042	\$11,255,055	\$6,491,720
225 Cedar Coal Co	3,485,860	4,353,420	0	160,872	(264,635)	0	62,694	(41,069)
Appalachian Power Co. - SEC	\$629,276,628	\$675,686,200	\$6,680,942	\$29,349,442	(\$41,073,524)	\$176,042	\$11,317,749	\$6,450,651
211 AEP Texas Central Company - Distribution	\$263,964,650	\$265,329,467	\$4,622,799	\$12,395,311	(\$16,128,812)	\$230,717	\$4,747,492	\$5,867,507
147 AEP Texas Central Company - Generation	7,061,803	15,046,279	0	325,902	(914,631)	0	127,009	(461,720)
169 AEP Texas Central Company - Transmission	26,102,255	26,223,771	616,745	1,233,082	(1,594,087)	26,282	469,458	751,480
AEP Texas Central Co.	\$297,128,708	\$306,599,517	\$5,239,544	\$13,954,295	(\$18,637,530)	\$256,999	\$5,343,959	\$6,157,267
170 Indiana Michigan Power Co - Distribution	\$164,459,999	\$181,761,289	\$1,890,736	\$7,677,086	(\$11,048,881)	\$43,409	\$2,957,868	\$1,520,218
132 Indiana Michigan Power Co - Generation	107,374,604	109,014,005	1,207,399	5,011,059	(6,626,729)	28,877	1,931,168	1,551,774
190 Indiana Michigan Power Co - Nuclear	204,023,325	224,844,394	4,920,269	9,642,747	(13,667,811)	80,170	3,669,427	4,644,802
120 Indiana Michigan Power Co - Transmission	36,676,139	39,582,412	394,152	1,710,794	(2,406,130)	9,513	659,633	367,962
280 Ind Mich River Transp Lakin	32,528,841	37,798,112	1,013,870	1,547,996	(2,297,667)	15,502	585,042	864,743
Indiana Michigan Power Co. - FERC	\$545,062,908	\$593,000,212	\$9,426,426	\$25,589,682	(\$36,047,218)	\$177,471	\$9,803,138	\$8,949,499
202 Price River Coal	0	0	0	0	0	0	0	0
Indiana Michigan Power Co. - SEC	\$545,062,908	\$593,000,212	\$9,426,426	\$25,589,682	(\$36,047,218)	\$177,471	\$9,803,138	\$8,949,499
110 Kentucky Power Co - Distribution	\$70,196,138	\$79,411,934	\$701,963	\$3,271,947	(\$4,827,282)	\$22,145	\$1,262,501	\$431,274
117 Kentucky Power Co - Generation	34,387,087	38,488,860	284,827	1,600,109	(2,339,656)	11,852	618,463	175,595
180 Kentucky Power Co - Transmission	7,873,587	8,653,508	124,152	369,096	(526,028)	3,639	141,609	112,468
Kentucky Power Co.	\$112,456,812	\$126,554,302	\$1,110,942	\$5,241,152	(\$7,692,966)	\$37,636	\$2,022,573	\$719,337
104 Cardinal Operating Company	\$74,746,451	\$85,448,112	\$1,104,485	\$3,500,521	(\$5,194,209)	\$16,734	\$1,344,340	\$771,871
270 Cook Coal Terminal	3,255,183	3,940,778	66,112	153,278	(239,551)	871	58,546	39,256
250 Ohio Power Co - Distribution	424,449,268	421,614,737	4,920,138	19,815,398	(25,629,061)	113,103	7,633,861	6,853,439
181 Ohio Power Co - Generation	357,368,679	419,165,027	3,419,629	16,650,380	(25,480,148)	91,344	6,427,394	1,108,599
160 Ohio Power Co - Transmission	72,515,215	79,132,709	756,652	3,381,497	(4,810,309)	22,377	1,304,210	654,427
Ohio Power Co. - FERC	\$932,334,796	\$1,009,301,363	\$10,267,016	\$43,501,074	(\$61,353,278)	\$244,429	\$16,768,351	\$9,427,592
290 Conesville Coal Preparation Company	3,408,844	4,081,327	0	157,318	(248,095)	614	61,309	(28,854)
Ohio Power Co. - SEC	\$935,743,640	\$1,013,382,690	\$10,267,016	\$43,658,392	(\$61,601,373)	\$245,043	\$16,829,660	\$9,398,738
167 Public Service Co of Oklahoma - Distribution	\$153,066,807	\$154,846,206	\$3,504,931	\$7,225,786	(\$9,412,771)	\$148,180	\$2,752,957	\$4,219,083
198 Public Service Co of Oklahoma - Generation	74,310,241	81,120,971	2,065,037	3,524,719	(4,931,171)	79,178	1,336,494	2,074,257
114 Public Service Co of Oklahoma - Transmission	18,757,217	20,379,154	437,765	885,848	(1,238,805)	18,956	337,355	441,119
Public Service Co. of Oklahoma	\$246,134,265	\$256,346,331	\$6,007,733	\$11,636,353	(\$15,582,747)	\$246,314	\$4,426,806	\$6,734,459
159 Southwestern Electric Power Co - Distribution	\$92,340,561	\$100,853,283	\$2,768,237	\$4,389,271	(\$6,130,656)	\$110,193	\$1,660,776	\$2,797,821
168 Southwestern Electric Power Co - Generation	99,647,622	106,067,684	3,137,302	4,743,524	(6,447,628)	116,270	1,792,196	3,341,664
161 Southwestern Electric Power Co - Texas - Distribution	48,673,388	48,438,909	1,232,853	2,303,173	(2,944,498)	57,264	875,407	1,524,199
111 Southwestern Electric Power Co - Texas - Transmission	140,581	268,161	0	6,488	(16,301)	0	2,528	(7,285)
194 Southwestern Electric Power Co - Transmission	14,908,841	16,720,020	446,269	708,638	(1,016,374)	18,985	268,140	425,658
Southwestern Electric Power Co.	\$255,710,993	\$272,348,057	\$7,584,661	\$12,151,094	(\$16,555,457)	\$302,712	\$4,599,047	\$8,082,057
119 AEP Texas North Company - Distribution	\$62,417,673	\$65,040,248	\$1,416,175	\$2,945,932	(\$3,953,658)	\$76,192	\$1,122,603	\$1,607,244
166 AEP Texas North Company - Generation	20,959,024	23,073,770	0	967,259	(1,402,605)	760	376,955	(57,631)
192 AEP Texas North Company - Transmission	9,905,908	11,157,784	318,500	471,856	(678,258)	10,619	178,161	300,878
AEP Texas North Co.	\$93,282,605	\$99,271,802	\$1,734,675	\$4,385,047	(\$6,034,521)	\$87,571	\$1,677,719	\$1,850,491
230 Kingsport Power Co - Distribution	\$12,161,864	\$13,311,057	\$130,440	\$567,290	(\$809,151)	\$3,146	\$218,735	\$110,460
260 Kingsport Power Co - Transmission	3,624,985	3,795,966	39,143	169,100	(230,749)	471	65,197	43,162
Kingsport Power Co.	\$15,786,849	\$17,107,023	\$169,583	\$736,390	(\$1,039,900)	\$3,617	\$283,932	\$153,622
210 Wheeling Power Co - Distribution	\$15,375,412	\$15,857,655	\$177,478	\$717,766	(\$963,953)	\$5,760	\$276,532	\$213,583
200 Wheeling Power Co - Transmission	671,401	785,510	0	30,985	(47,749)	0	12,075	(4,689)
Wheeling Power Co.	\$16,046,813	\$16,643,165	\$177,478	\$748,751	(\$1,011,702)	\$5,760	\$288,607	\$208,894
103 American Electric Power Service Corporation	\$1,334,284,386	\$1,355,062,067	\$20,755,628	\$62,535,095	(\$82,371,331)	\$0	\$23,997,547	\$25,489,387
American Electric Power Service Corp	\$1,334,284,386	\$1,355,062,067	\$20,755,628	\$62,535,095	(\$82,371,331)	\$0	\$23,997,547	\$25,489,387
143 AEP Pro Serv, Inc.	\$1,053,271	\$995,901	\$0	\$48,608	(\$60,539)	\$39	\$18,943	\$7,051
171 CSW Energy, Inc.	5,153,363	5,704,635	252,177	249,466	(346,773)	2,948	92,685	250,503
293 Elmwood	3,038,944	5,393,924	349,265	156,366	(327,885)	6,512	54,656	238,914
292 AEP River Operations LLC	30,634,098	47,955,944	4,611,179	1,626,570	(2,915,140)	36,462	550,964	3,910,035
189 Central Coal Company	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
400 AEP Energy, Inc.	335,429	473,721	0	15,480	(28,796)	0	6,033	(7,283)
Miscellaneous	\$40,215,105	\$60,524,125	\$5,212,621	\$2,096,490	(\$3,679,133)	\$45,961	\$723,281	\$4,399,220
Total	\$4,521,129,712	\$4,792,525,491	\$74,367,249	\$212,082,183	(\$291,327,402)	\$1,585,126	\$81,314,018	\$78,593,622

**AMERICAN ELECTRIC POWER
QUALIFIED 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	\$302,303,437	\$356,419,783	\$3,191,421	\$14,512,649	(\$22,531,942)	\$78,793	\$4,147,745	(\$601,334)
215 Appalachian Power Co - Generation	256,568,417	271,662,930	3,299,229	12,345,111	(17,173,832)	74,093	3,520,239	2,064,840
150 Appalachian Power Co - Transmission	47,466,352	53,198,529	404,904	2,274,142	(3,363,074)	11,419	651,261	(21,348)
Appalachian Power Co. - FERC	\$606,338,206	\$681,281,242	\$6,895,554	\$29,131,902	(\$43,068,848)	\$164,305	\$8,319,245	\$1,442,158
225 Cedar Coal Co	3,377,503	4,354,614	0	160,450	(275,287)	0	46,341	(68,496)
Appalachian Power Co. - SEC	\$609,715,709	\$685,635,856	\$6,895,554	\$29,292,352	(\$43,344,135)	\$164,305	\$8,365,586	\$1,373,662
211 AEP Texas Central Company - Distribution	\$255,759,370	\$268,031,625	\$4,771,297	\$12,376,608	(\$16,944,270)	\$32,327	\$3,509,139	\$3,745,101
147 AEP Texas Central Company - Generation	6,842,289	15,213,008	0	325,046	(961,727)	0	93,879	(542,802)
169 AEP Texas Central Company - Transmission	25,290,872	26,505,805	636,557	1,231,692	(1,675,629)	3,887	347,003	543,510
AEP Texas Central Co.	\$287,892,531	\$309,750,438	\$5,407,854	\$13,933,346	(\$19,581,626)	\$36,214	\$3,950,021	\$3,745,809
170 Indiana Michigan Power Co - Distribution	\$159,347,798	\$184,221,294	\$1,951,472	\$7,662,583	(\$11,645,996)	\$37,120	\$2,186,327	\$191,506
132 Indiana Michigan Power Co - Generation	104,036,889	111,147,907	1,246,185	5,001,512	(7,026,485)	26,761	1,427,435	675,408
190 Indiana Michigan Power Co - Nuclear	197,681,307	234,636,557	5,078,323	9,632,173	(14,833,120)	67,613	2,712,280	2,657,269
120 Indiana Michigan Power Co - Transmission	35,536,070	40,240,708	406,813	1,707,480	(2,543,914)	8,588	487,572	66,539
280 Ind Mich River Transp Lakin	31,517,689	39,351,810	1,046,439	1,546,971	(2,487,720)	10,849	432,438	548,977
Indiana Michigan Power Co. - FERC	\$528,119,753	\$609,598,276	\$9,729,232	\$25,550,719	(\$38,537,235)	\$150,931	\$7,246,052	\$4,139,699
202 Price River Coal	0	0	0	0	0	0	0	0
Indiana Michigan Power Co. - SEC	\$528,119,753	\$609,598,276	\$9,729,232	\$25,550,719	(\$38,537,235)	\$150,931	\$7,246,052	\$4,139,699
110 Kentucky Power Co - Distribution	\$68,014,107	\$81,211,442	\$724,513	\$3,265,454	(\$5,133,979)	\$21,315	\$933,186	(\$189,511)
117 Kentucky Power Co - Generation	33,318,172	39,395,520	293,976	1,596,758	(2,490,483)	10,918	457,141	(131,690)
180 Kentucky Power Co - Transmission	7,628,839	9,006,243	128,140	368,498	(569,352)	3,227	104,671	35,184
Kentucky Power Co.	\$108,961,118	\$129,613,205	\$1,146,629	\$5,230,710	(\$8,193,814)	\$35,460	\$1,494,998	(\$286,017)
104 Cardinal Operating Company	\$72,422,975	\$87,329,866	\$1,139,965	\$3,494,635	(\$5,520,770)	\$15,877	\$993,677	\$123,384
270 Cook Coal Terminal	3,153,996	4,116,835	68,236	153,073	(260,256)	855	43,274	5,182
250 Ohio Power Co - Distribution	411,255,360	422,609,575	5,078,188	19,778,084	(26,716,291)	96,985	5,642,617	3,879,583
181 Ohio Power Co - Generation	346,259,955	425,804,100	3,529,477	16,616,880	(26,918,240)	82,309	4,750,849	(1,938,725)
160 Ohio Power Co - Transmission	70,261,096	80,159,452	780,958	3,374,880	(5,067,474)	19,325	964,015	71,704
Ohio Power Co. - FERC	\$903,353,382	\$1,020,019,828	\$10,596,824	\$43,417,552	(\$64,483,031)	\$215,351	\$12,394,432	\$2,141,128
290 Conesville Coal Preparation Company	3,302,881	4,089,352	0	156,905	(258,518)	614	45,317	(55,682)
Ohio Power Co. - SEC	\$906,656,263	\$1,024,109,180	\$10,596,824	\$43,574,457	(\$64,741,549)	\$215,965	\$12,439,749	\$2,085,446
167 Public Service Co of Oklahoma - Distribution	\$148,308,760	\$156,335,989	\$3,617,520	\$7,217,316	(\$9,883,159)	\$23,036	\$2,034,866	\$3,009,579
198 Public Service Co of Oklahoma - Generation	72,000,325	83,271,581	2,131,372	3,521,654	(5,264,215)	11,866	987,878	1,388,555
114 Public Service Co of Oklahoma - Transmission	18,174,154	20,514,460	451,827	884,834	(1,296,871)	2,611	249,358	291,759
Public Service Co. of Oklahoma	\$238,483,239	\$260,122,030	\$6,200,719	\$11,623,804	(\$16,444,245)	\$37,513	\$3,272,102	\$4,689,893
159 Southwestern Electric Power Co - Distribution	\$89,470,176	\$103,654,299	\$2,857,161	\$4,386,045	(\$6,552,758)	\$16,285	\$1,227,573	\$1,934,306
168 Southwestern Electric Power Co - Generation	96,550,099	108,601,078	3,238,081	4,740,475	(6,865,481)	15,968	1,324,713	2,453,756
161 Southwestern Electric Power Co - Texas - Distribution	47,160,387	49,253,348	1,272,456	2,300,821	(3,113,670)	8,496	647,063	1,115,166
111 Southwestern Electric Power Co - Texas - Transmission	136,211	269,372	0	6,471	(17,029)	0	1,869	(8,689)
194 Southwestern Electric Power Co - Transmission	14,445,403	17,071,237	460,605	708,116	(1,079,200)	2,932	198,198	290,651
Southwestern Electric Power Co.	\$247,762,276	\$278,849,334	\$7,828,303	\$12,141,928	(\$17,628,138)	\$43,681	\$3,399,416	\$5,785,190
119 AEP Texas North Company - Distribution	\$60,477,434	\$66,029,286	\$1,461,667	\$2,942,441	(\$4,174,202)	\$10,480	\$829,779	\$1,070,165
166 AEP Texas North Company - Generation	20,307,518	22,646,865	0	964,716	(1,431,677)	92	278,629	(188,240)
192 AEP Texas North Company - Transmission	9,597,985	11,589,852	328,731	471,572	(732,681)	1,612	131,689	200,923
AEP Texas North Co.	\$90,382,937	\$100,266,003	\$1,790,398	\$4,378,729	(\$6,338,560)	\$12,184	\$1,240,097	\$1,082,848
230 Kingsport Power Co - Distribution	\$11,783,815	\$13,495,546	\$134,630	\$566,190	(\$853,154)	\$2,930	\$161,679	\$12,275
260 Kingsport Power Co - Transmission	3,512,303	3,812,983	40,400	168,773	(241,047)	389	48,190	16,705
Kingsport Power Co.	\$15,296,118	\$17,308,529	\$175,030	\$734,963	(\$1,094,201)	\$3,319	\$209,869	\$28,980
210 Wheeling Power Co - Distribution	\$14,897,471	\$15,883,741	\$183,179	\$716,412	(\$1,004,129)	\$4,849	\$204,400	\$104,711
200 Wheeling Power Co - Transmission	650,531	759,473	0	30,904	(48,012)	0	8,926	(8,182)
Wheeling Power Co.	\$15,548,002	\$16,643,214	\$183,179	\$747,316	(\$1,052,141)	\$4,849	\$213,326	\$96,529
103 American Electric Power Service Corporation	\$1,292,808,468	\$1,377,846,320	\$21,422,364	\$62,433,037	(\$87,103,902)	\$0	\$17,737,943	\$14,766,858
American Electric Power Service Corp	\$1,292,808,468	\$1,377,846,320	\$21,422,364	\$62,433,037	(\$87,103,902)	\$0	\$17,737,943	\$14,766,858
143 AEP Pro Serv, Inc.	\$1,020,530	\$993,971	\$0	\$48,481	(\$62,836)	\$39	\$14,002	(\$314)
171 CSW Energy, Inc.	4,993,172	6,129,759	260,277	249,567	(387,508)	1,319	68,509	192,164
293 Elmwood	2,944,479	5,947,694	360,485	157,004	(375,998)	3,927	40,400	185,818
292 AEP River Operations LLC	29,681,845	54,053,645	4,759,304	1,636,140	(3,417,132)	21,752	407,249	3,407,313
189 Central Coal Company	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
400 AEP Energy, Inc.	325,002	497,261	0	15,439	(31,436)	0	4,459	(11,538)
Miscellaneous	\$38,965,028	\$67,622,330	\$5,380,066	\$2,106,631	(\$4,274,910)	\$27,037	\$534,619	\$3,773,443
Total	\$4,380,591,442	\$4,877,364,715	\$76,756,152	\$211,747,992	(\$308,334,456)	\$731,458	\$60,103,778	\$41,282,340

American Electric Power System Retirement Plan

**AMERICAN ELECTRIC POWER
 QUALIFIED 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	\$294,039,771	\$359,473,764	\$3,277,749	\$14,386,147	(\$22,720,962)	\$865	\$3,395,613	(\$1,660,588)
215 Appalachian Power Co - Generation	249,554,948	272,569,109	3,388,473	12,239,041	(17,228,051)	815	2,881,896	1,282,174
150 Appalachian Power Co - Transmission	46,168,828	53,721,086	415,857	2,254,069	(3,395,504)	126	533,164	(192,288)
Appalachian Power Co. - FERC	\$589,763,547	\$685,763,959	\$7,082,079	\$28,879,257	(\$43,344,517)	\$1,806	\$6,810,673	(\$570,702)
Cedar Coal Co	3,285,176	4,323,339	0	158,958	(273,262)	0	37,938	(76,366)
Appalachian Power Co. - SEC	\$593,048,723	\$690,087,298	\$7,082,079	\$29,038,215	(\$43,617,779)	\$1,806	\$6,848,611	(\$647,068)
211 AEP Texas Central Company - Distribution	\$248,768,017	\$267,816,341	\$4,900,361	\$12,274,119	(\$16,927,647)	\$66	\$2,872,809	\$3,119,708
147 AEP Texas Central Company - Generation	6,655,250	14,854,712	0	322,024	(938,910)	0	76,856	(540,030)
169 AEP Texas Central Company - Transmission	24,599,529	26,569,933	653,776	1,221,918	(1,679,384)	10	284,079	480,399
AEP Texas Central Co.	\$280,022,796	\$309,240,986	\$5,554,137	\$13,818,061	(\$19,545,941)	\$76	\$3,233,744	\$3,060,077
170 Indiana Michigan Power Co - Distribution	\$154,991,919	\$185,211,208	\$2,004,259	\$7,596,492	(\$11,706,492)	\$408	\$1,789,869	(\$315,464)
132 Indiana Michigan Power Co - Generation	101,192,971	112,232,148	1,279,894	4,958,301	(7,093,765)	294	1,168,591	313,315
190 Indiana Michigan Power Co - Nuclear	192,277,556	241,846,160	5,215,692	9,556,003	(15,286,171)	744	2,220,449	1,706,717
120 Indiana Michigan Power Co - Transmission	34,564,667	40,526,726	417,817	1,692,679	(2,561,539)	94	399,158	(51,791)
280 Ind Mich River Transp Lakin	30,656,132	40,665,070	1,074,745	1,535,345	(2,570,284)	119	354,021	393,946
Indiana Michigan Power Co. - FERC	\$513,683,245	\$620,481,312	\$9,992,407	\$25,338,820	(\$39,218,251)	\$1,659	\$5,932,088	\$2,046,723
202 Price River Coal	0	0	0	0	0	0	0	0
Indiana Michigan Power Co. - SEC	\$513,683,245	\$620,481,312	\$9,992,407	\$25,338,820	(\$39,218,251)	\$1,659	\$5,932,088	\$2,046,723
110 Kentucky Power Co - Distribution	\$66,154,896	\$82,311,400	\$744,111	\$3,237,007	(\$5,202,589)	\$235	\$763,966	(\$457,270)
117 Kentucky Power Co - Generation	32,407,398	39,880,445	301,928	1,582,689	(2,520,690)	120	374,245	(261,708)
180 Kentucky Power Co - Transmission	7,420,299	9,269,955	131,606	3,365,410	(585,918)	36	85,691	(3,175)
Kentucky Power Co.	\$105,982,593	\$131,461,800	\$1,177,645	\$5,185,106	(\$8,309,197)	\$391	\$1,223,902	(\$722,153)
104 Cardinal Operating Company	\$70,443,244	\$88,284,638	\$1,170,801	\$3,465,151	(\$5,580,134)	\$175	\$813,489	(\$130,518)
270 Cook Coal Terminal	3,067,780	4,261,258	70,082	151,830	(269,338)	9	35,427	(11,990)
250 Ohio Power Co - Distribution	400,013,420	420,577,653	5,215,553	19,607,602	(26,583,105)	1,066	4,619,412	2,860,528
181 Ohio Power Co - Generation	336,794,708	429,362,414	3,624,950	16,471,708	(27,138,356)	906	3,889,354	(3,151,438)
160 Ohio Power Co - Transmission	68,340,462	80,413,709	802,083	3,345,564	(5,082,643)	213	789,205	(145,578)
Ohio Power Co. - FERC	\$878,659,614	\$1,022,899,672	\$10,883,469	\$43,041,855	(\$64,653,576)	\$2,369	\$10,146,887	(\$578,996)
290 Conesville Coal Preparation Company	3,212,595	4,090,157	0	155,446	(258,523)	7	37,100	(65,970)
Ohio Power Co. - SEC	\$881,872,209	\$1,026,989,829	\$10,883,469	\$43,197,301	(\$64,912,099)	\$2,376	\$10,183,987	(\$644,966)
167 Public Service Co of Oklahoma - Distribution	\$144,254,641	\$157,079,191	\$3,715,374	\$7,159,748	(\$9,928,375)	\$77	\$1,665,873	\$2,612,697
198 Public Service Co of Oklahoma - Generation	70,032,148	84,190,997	2,189,026	3,494,528	(5,321,391)	31	808,741	1,170,935
114 Public Service Co of Oklahoma - Transmission	17,677,351	20,799,253	464,049	877,798	(1,314,641)	5	204,141	231,352
Public Service Co. of Oklahoma	\$231,964,140	\$262,069,441	\$6,368,449	\$11,532,074	(\$16,564,407)	\$113	\$2,678,755	\$4,014,984
159 Southwestern Electric Power Co - Distribution	\$87,024,449	\$105,950,853	\$2,934,447	\$4,352,794	(\$6,696,748)	\$45	\$1,004,971	\$1,595,509
168 Southwestern Electric Power Co - Generation	93,910,837	110,296,764	3,325,671	4,704,932	(6,971,437)	32	1,084,496	2,143,694
161 Southwestern Electric Power Co - Texas - Distribution	45,871,226	49,269,012	1,306,876	2,282,782	(3,114,106)	22	529,727	1,005,301
111 Southwestern Electric Power Co - Texas - Transmission	132,488	270,053	0	6,411	(17,069)	0	1,530	(9,128)
194 Southwestern Electric Power Co - Transmission	14,050,528	17,407,647	473,064	702,745	(1,100,271)	9	162,258	237,805
Southwestern Electric Power Co.	\$240,989,528	\$283,194,329	\$8,040,058	\$12,049,664	(\$17,899,631)	\$108	\$2,782,982	\$4,973,181
119 AEP Texas North Company - Distribution	\$58,824,243	\$66,606,380	\$1,501,205	\$2,918,936	(\$4,209,935)	\$17	\$679,311	\$889,534
166 AEP Texas North Company - Generation	19,752,398	22,203,517	0	955,749	(1,403,399)	0	228,104	(219,546)
192 AEP Texas North Company - Transmission	9,335,618	11,318,497	337,623	468,054	(715,399)	4	107,809	198,091
AEP Texas North Co.	\$87,912,259	\$100,128,394	\$1,838,828	\$4,342,739	(\$6,328,733)	\$21	\$1,015,224	\$868,079
230 Kingsport Power Co - Distribution	\$11,461,697	\$13,546,936	\$138,272	\$561,282	(\$856,250)	\$32	\$132,361	(\$24,303)
260 Kingsport Power Co - Transmission	3,416,292	3,801,858	41,493	167,310	(240,301)	4	39,452	7,958
Kingsport Power Co.	\$14,877,989	\$17,348,794	\$179,765	\$728,592	(\$1,096,551)	\$36	\$171,813	(\$16,345)
210 Wheeling Power Co - Distribution	\$14,490,238	\$15,942,466	\$188,134	\$710,235	(\$1,007,662)	\$53	\$167,335	\$58,095
200 Wheeling Power Co - Transmission	632,748	729,989	0	30,616	(46,140)	0	7,307	(8,217)
Wheeling Power Co.	\$15,122,986	\$16,672,455	\$188,134	\$740,851	(\$1,053,802)	\$53	\$174,642	\$49,878
103 American Electric Power Service Corporation	\$1,257,468,686	\$1,389,459,367	\$22,001,838	\$61,909,073	(\$87,822,415)	\$0	\$14,521,428	\$10,612,681
American Electric Power Service Corp	\$1,257,468,686	\$1,389,459,367	\$22,001,838	\$61,909,073	(\$87,822,415)	\$0	\$14,521,428	\$10,612,681
143 AEP Pro Serv, Inc.	\$992,634	\$1,007,432	\$0	\$48,030	(\$63,676)	\$0	\$11,463	(\$4,183)
171 CSW Energy, Inc.	4,856,680	6,212,049	267,318	247,932	(392,640)	13	56,086	178,709
293 Elmwood	2,863,990	6,471,176	370,236	156,493	(409,018)	43	33,074	150,828
292 AEP River Operations LLC	28,870,472	59,696,485	4,888,043	1,633,456	(3,773,186)	239	333,400	3,081,952
189 Central Coal Company	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
400 AEP Energy, Inc.	316,118	518,002	0	15,296	(32,741)	0	3,651	(13,794)
Miscellaneous	\$37,899,894	\$73,905,144	\$5,525,597	\$2,101,207	(\$4,671,261)	\$295	\$437,674	\$3,393,512
Total	\$4,260,845,048	\$4,921,039,149	\$78,832,406	\$209,981,703	(\$311,040,067)	\$6,934	\$49,204,850	\$26,988,583

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140 Appalachian Power Co - Distribution	\$288,534,468	\$361,567,449	\$3,379,325	\$14,117,192	(\$22,863,867)	\$0	\$3,025,484	(\$2,341,866)
215 Appalachian Power Co - Generation	244,882,533	273,312,558	3,493,481	12,011,669	(17,283,032)	0	2,567,763	789,881
150 Appalachian Power Co - Transmission	45,304,409	54,155,992	428,744	2,211,693	(3,424,577)	0	475,048	(309,092)
Appalachian Power Co. - FERC	\$578,721,410	\$689,035,999	\$7,301,550	\$28,340,554	(\$43,571,476)	\$0	\$6,068,295	(\$1,861,077)
225 Cedar Coal Co	3,223,668	4,295,920	0	155,899	(271,654)	0	33,802	(81,953)
Appalachian Power Co. - SEC	\$581,945,078	\$693,331,919	\$7,301,550	\$28,496,453	(\$43,843,130)	\$0	\$6,102,097	(\$1,943,030)
211 AEP Texas Central Company - Distribution	\$244,110,336	\$267,520,879	\$5,052,221	\$12,049,707	(\$16,916,793)	\$0	\$2,559,666	\$2,744,801
147 AEP Texas Central Company - Generation	6,530,644	14,863,758	0	315,827	(939,916)	0	68,478	(555,611)
169 AEP Texas Central Company - Transmission	24,138,953	26,863,597	674,036	1,199,977	(1,698,731)	0	253,114	428,396
AEP Texas Central Co.	\$274,779,933	\$309,248,234	\$5,726,257	\$13,565,511	(\$19,555,440)	\$0	\$2,881,258	\$2,617,586
170 Indiana Michigan Power Co - Distribution	\$152,090,007	\$185,873,023	\$2,066,370	\$7,455,130	(\$11,753,757)	\$0	\$1,594,769	(\$637,488)
132 Indiana Michigan Power Co - Generation	99,298,336	113,214,892	1,319,557	4,865,964	(7,159,190)	0	1,041,212	67,543
190 Indiana Michigan Power Co - Nuclear	188,677,546	250,008,351	5,377,324	9,384,654	(15,809,381)	0	1,978,415	931,012
120 Indiana Michigan Power Co - Transmission	33,917,514	40,797,478	430,765	1,661,111	(2,579,845)	0	355,649	(132,320)
280 Ind Mich River Transp Lakin	30,082,158	41,757,361	1,108,051	1,508,384	(2,640,544)	0	315,432	291,323
Indiana Michigan Power Co. - FERC	\$504,065,561	\$631,651,105	\$10,302,067	\$24,875,243	(\$39,942,717)	\$0	\$5,285,477	\$520,070
202 Price River Coal	0	0	0	0	0	0	0	0
Indiana Michigan Power Co. - SEC	\$504,065,561	\$631,651,105	\$10,302,067	\$24,875,243	(\$39,942,717)	\$0	\$5,285,477	\$520,070
110 Kentucky Power Co - Distribution	\$64,916,279	\$83,270,122	\$767,170	\$3,176,506	(\$5,265,621)	\$0	\$680,692	(\$641,253)
117 Kentucky Power Co - Generation	31,800,634	40,315,991	311,285	1,552,959	(2,549,398)	0	333,452	(351,702)
180 Kentucky Power Co - Transmission	7,281,369	9,495,521	135,685	358,695	(600,453)	0	76,350	(29,723)
Kentucky Power Co.	\$103,998,282	\$133,081,634	\$1,214,140	\$5,088,160	(\$8,415,472)	\$0	\$1,090,494	(\$1,022,678)
104 Cardinal Operating Company	\$69,124,336	\$89,397,374	\$1,207,083	\$3,401,286	(\$5,653,080)	\$0	\$724,816	(\$319,895)
270 Cook Coal Terminal	3,010,342	3,968,950	72,253	149,077	(250,978)	0	31,566	1,918
250 Ohio Power Co - Distribution	392,523,973	418,964,838	5,377,181	19,242,829	(26,493,414)	0	4,115,885	2,242,481
181 Ohio Power Co - Generation	330,488,905	432,448,253	3,737,285	16,163,455	(27,346,044)	0	3,465,405	(3,979,899)
160 Ohio Power Co - Transmission	67,060,924	80,784,182	826,939	3,283,113	(5,108,421)	0	703,180	(295,189)
Ohio Power Co. - FERC	\$862,208,480	\$1,025,563,597	\$11,220,741	\$42,239,760	(\$64,851,937)	\$0	\$9,040,852	(\$2,350,584)
290 Conesville Coal Preparation Company	3,152,445	4,094,719	0	152,455	(258,931)	0	33,056	(73,420)
Ohio Power Co. - SEC	\$865,360,925	\$1,029,658,316	\$11,220,741	\$42,392,215	(\$65,110,868)	\$0	\$9,073,908	(\$2,424,004)
167 Public Service Co of Oklahoma - Distribution	\$141,553,763	\$157,368,972	\$3,830,512	\$7,030,904	(\$9,951,292)	\$0	\$1,484,289	\$2,394,413
198 Public Service Co of Oklahoma - Generation	68,720,936	84,747,197	2,256,863	3,432,545	(5,359,024)	0	720,587	1,050,971
114 Public Service Co of Oklahoma - Transmission	17,346,378	21,072,055	478,430	862,022	(1,332,500)	0	181,889	189,841
Public Service Co. of Oklahoma	\$227,621,077	\$263,188,224	\$6,565,805	\$11,325,471	(\$16,642,816)	\$0	\$2,386,765	\$3,635,225
159 Southwestern Electric Power Co - Distribution	\$85,395,092	\$107,577,579	\$3,025,384	\$4,276,087	(\$6,802,713)	\$0	\$895,427	\$1,394,185
168 Southwestern Electric Power Co - Generation	92,152,546	111,744,897	3,428,733	4,622,390	(7,066,235)	0	966,283	1,951,171
161 Southwestern Electric Power Co - Texas - Distribution	45,012,379	49,741,779	1,347,375	2,241,996	(3,145,442)	0	471,986	915,915
111 Southwestern Electric Power Co - Texas - Transmission	130,007	272,429	0	6,287	(17,227)	0	1,363	(9,577)
194 Southwestern Electric Power Co - Transmission	13,787,460	17,728,636	487,724	690,360	(1,121,078)	0	144,571	201,577
Southwestern Electric Power Co.	\$236,477,484	\$287,065,320	\$8,289,216	\$11,837,120	(\$18,152,695)	\$0	\$2,479,630	\$4,453,271
119 AEP Texas North Company - Distribution	\$57,722,877	\$67,266,274	\$1,547,727	\$2,866,375	(\$4,253,611)	\$0	\$605,264	\$765,755
166 AEP Texas North Company - Generation	19,382,574	21,780,050	0	937,357	(1,377,270)	0	203,240	(236,673)
192 AEP Texas North Company - Transmission	9,160,827	11,548,064	348,086	459,859	(730,247)	0	96,058	173,756
AEP Texas North Co.	\$86,266,278	\$100,594,388	\$1,895,813	\$4,263,591	(\$6,361,128)	\$0	\$904,562	\$702,838
230 Kingsport Power Co - Distribution	\$11,247,100	\$13,575,840	\$142,557	\$550,813	(\$858,474)	\$0	\$117,934	(\$47,170)
260 Kingsport Power Co - Transmission	3,352,329	3,789,082	42,779	164,190	(239,604)	0	35,151	2,516
Kingsport Power Co.	\$14,599,429	\$17,364,922	\$185,336	\$715,003	(\$1,098,078)	\$0	\$153,085	(\$44,654)
210 Wheeling Power Co - Distribution	\$14,218,938	\$15,957,469	\$193,964	\$697,020	(\$1,009,077)	\$0	\$149,095	\$31,002
200 Wheeling Power Co - Transmission	620,901	703,938	0	30,027	(44,514)	0	6,511	(7,976)
Wheeling Power Co.	\$14,839,839	\$16,661,407	\$193,964	\$727,047	(\$1,053,591)	\$0	\$155,606	\$23,026
103 American Electric Power Service Corporation	\$1,233,925,109	\$1,400,276,407	\$22,683,665	\$60,770,640	(\$88,547,054)	\$0	\$12,938,559	\$7,845,810
American Electric Power Service Corp	\$1,233,925,109	\$1,400,276,407	\$22,683,665	\$60,770,640	(\$88,547,054)	\$0	\$12,938,559	\$7,845,810
143 AEP Pro Serv, Inc.	\$974,049	\$1,022,966	\$0	\$47,106	(\$64,688)	\$0	\$10,214	(\$7,368)
171 CSW Energy, Inc.	4,765,749	6,646,315	275,602	243,804	(420,282)	0	49,972	149,096
293 Elmwood	2,810,367	7,045,810	381,709	154,371	(445,545)	0	29,469	120,004
292 AEP River Operations LLC	28,329,930	65,866,488	5,039,521	1,613,774	(4,165,095)	0	297,059	2,785,259
189 Central Coal Company	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
400 AEP Energy, Inc.	310,200	538,759	0	15,002	(34,069)	0	3,253	(15,814)
Miscellaneous	\$37,190,295	\$81,120,338	\$5,696,832	\$2,074,057	(\$5,129,679)	\$0	\$389,967	\$3,031,177
Total	\$4,181,069,290	\$4,963,242,214	\$81,275,386	\$206,130,511	(\$313,852,668)	\$0	\$43,841,408	\$17,394,637

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140 Appalachian Power Co - Distribution	\$283,082,053	\$364,992,820	\$3,434,731	\$13,847,464	(\$23,090,157)	\$0	\$2,689,202	(\$3,118,760)
215 Appalachian Power Co - Generation	240,255,007	274,157,077	3,550,758	11,783,224	(17,343,711)	0	2,282,357	272,628
150 Appalachian Power Co - Transmission	44,448,295	54,205,053	435,774	2,169,264	(3,429,117)	0	422,247	(401,832)
Appalachian Power Co. - FERC	\$567,785,355	\$693,354,950	\$7,421,263	\$27,799,952	(\$43,862,985)	\$0	\$5,393,806	(\$3,247,964)
225 Cedar Coal Co	3,162,751	4,274,771	0	152,857	(270,430)	0	30,045	(87,528)
Appalachian Power Co. - SEC	\$570,948,106	\$697,629,721	\$7,421,263	\$27,952,809	(\$44,133,415)	\$0	\$5,423,851	(\$3,335,492)
211 AEP Texas Central Company - Distribution	\$239,497,401	\$267,863,773	\$5,135,055	\$11,823,178	(\$16,945,584)	\$0	\$2,275,160	\$2,287,809
147 AEP Texas Central Company - Generation	6,407,235	15,235,233	0	309,664	(963,811)	0	60,867	(593,280)
169 AEP Texas Central Company - Transmission	23,682,800	27,162,916	685,087	1,177,709	(1,718,379)	0	224,980	369,397
AEP Texas Central Co.	\$269,587,436	\$310,261,922	\$5,820,142	\$13,310,551	(\$19,627,774)	\$0	\$2,561,007	\$2,063,926
170 Indiana Michigan Power Co - Distribution	\$149,215,974	\$187,253,368	\$2,100,250	\$7,313,170	(\$11,846,013)	\$0	\$1,417,511	(\$1,015,082)
132 Indiana Michigan Power Co - Generation	97,421,903	114,025,134	1,341,192	4,773,257	(7,213,452)	0	925,481	(173,522)
190 Indiana Michigan Power Co - Nuclear	185,112,120	257,207,888	5,465,488	9,210,687	(16,271,472)	0	1,758,514	163,217
120 Indiana Michigan Power Co - Transmission	33,276,577	41,109,444	437,828	1,629,430	(2,600,664)	0	316,118	(217,288)
280 Ind Mich River Transp Lakin	29,513,698	42,936,886	1,126,218	1,480,839	(2,716,271)	0	280,372	171,158
Indiana Michigan Power Co. - FERC	\$494,540,272	\$642,532,720	\$10,470,976	\$24,407,383	(\$40,647,872)	\$0	\$4,697,996	(\$1,071,517)
202 Price River Coal	0	0	0	0	0	0	0	0
Indiana Michigan Power Co. - SEC	\$494,540,272	\$642,532,720	\$10,470,976	\$24,407,383	(\$40,647,872)	\$0	\$4,697,996	(\$1,071,517)
110 Kentucky Power Co - Distribution	\$63,689,560	\$84,244,612	\$779,749	\$3,115,826	(\$5,329,478)	\$0	\$605,033	(\$828,870)
117 Kentucky Power Co - Generation	31,199,700	40,762,824	316,389	1,523,184	(2,578,736)	0	296,389	(442,774)
180 Kentucky Power Co - Transmission	7,143,774	9,731,319	137,909	351,926	(615,622)	0	67,864	(57,923)
Kentucky Power Co.	\$102,033,034	\$134,738,755	\$1,234,047	\$4,990,936	(\$8,523,836)	\$0	\$969,286	(\$1,329,567)
104 Cardinal Operating Company	\$67,818,099	\$90,623,439	\$1,226,874	\$3,336,969	(\$5,733,015)	\$0	\$644,253	(\$524,919)
270 Cook Coal Terminal	2,953,456	4,074,234	73,438	146,291	(257,744)	0	28,057	(9,958)
250 Ohio Power Co - Distribution	385,106,477	417,197,478	5,465,343	18,876,482	(26,392,725)	0	3,658,406	1,607,506
181 Ohio Power Co - Generation	324,243,680	436,932,636	3,798,560	15,854,404	(27,641,210)	0	3,080,226	(4,908,020)
160 Ohio Power Co - Transmission	65,793,678	80,630,951	840,498	3,220,455	(5,100,871)	0	625,022	(414,896)
Ohio Power Co. - FERC	\$845,915,390	\$1,029,458,738	\$11,404,713	\$41,434,601	(\$65,125,565)	\$0	\$8,035,964	(\$4,250,287)
290 Conesville Coal Preparation Company	3,092,873	4,103,293	0	149,480	(259,582)	0	29,381	(80,721)
Ohio Power Co. - SEC	\$849,008,263	\$1,033,562,031	\$11,404,713	\$41,584,081	(\$65,385,147)	\$0	\$8,065,345	(\$4,331,008)
167 Public Service Co of Oklahoma - Distribution	\$138,878,832	\$158,055,896	\$3,893,315	\$6,900,231	(\$9,998,924)	\$0	\$1,319,311	\$2,113,933
198 Public Service Co of Oklahoma - Generation	67,422,322	85,753,825	2,293,865	3,369,409	(5,424,954)	0	640,494	878,814
114 Public Service Co of Oklahoma - Transmission	17,018,585	21,014,197	486,274	846,016	(1,329,399)	0	161,672	164,563
Public Service Co. of Oklahoma	\$223,319,739	\$264,823,918	\$6,673,454	\$11,115,656	(\$16,753,277)	\$0	\$2,121,477	\$3,157,310
159 Southwestern Electric Power Co - Distribution	\$83,781,386	\$109,927,818	\$3,074,987	\$4,197,801	(\$6,954,248)	\$0	\$795,900	\$1,114,440
168 Southwestern Electric Power Co - Generation	90,411,145	113,638,516	3,484,949	4,538,033	(7,188,994)	0	858,881	1,692,869
161 Southwestern Electric Power Co - Texas - Distribution	44,161,784	50,055,019	1,369,467	2,200,542	(3,166,578)	0	419,525	822,956
111 Southwestern Electric Power Co - Texas - Transmission	127,550	276,537	0	6,165	(17,494)	0	1,212	(10,117)
194 Southwestern Electric Power Co - Transmission	13,526,919	18,174,158	495,721	677,719	(1,149,733)	0	128,502	152,209
Southwestern Electric Power Co.	\$232,008,784	\$292,072,048	\$8,425,124	\$11,620,260	(\$18,477,047)	\$0	\$2,204,020	\$3,772,357
119 AEP Texas North Company - Distribution	\$56,632,093	\$67,002,954	\$1,573,103	\$2,813,079	(\$4,238,737)	\$0	\$537,989	\$685,434
166 AEP Texas North Company - Generation	19,016,303	21,378,044	0	919,065	(1,352,417)	0	180,650	(252,702)
192 AEP Texas North Company - Transmission	8,987,716	11,780,509	353,793	451,479	(745,258)	0	85,381	145,395
AEP Texas North Co.	\$84,636,112	\$100,161,507	\$1,926,896	\$4,183,623	(\$6,336,412)	\$0	\$804,020	\$578,127
230 Kingsport Power Co - Distribution	\$11,034,564	\$13,623,765	\$144,894	\$540,307	(\$861,866)	\$0	\$104,825	(\$71,840)
260 Kingsport Power Co - Transmission	3,288,979	3,776,438	43,480	161,059	(238,905)	0	31,244	(3,122)
Kingsport Power Co.	\$14,323,543	\$17,400,203	\$188,374	\$701,366	(\$1,100,771)	\$0	\$136,069	(\$74,962)
210 Wheeling Power Co - Distribution	\$13,950,244	\$15,957,162	\$197,144	\$683,749	(\$1,009,481)	\$0	\$132,523	\$3,935
200 Wheeling Power Co - Transmission	609,168	681,718	0	29,441	(43,127)	0	5,787	(7,899)
Wheeling Power Co.	\$14,559,412	\$16,638,880	\$197,144	\$713,190	(\$1,052,608)	\$0	\$138,310	(\$3,964)
103 American Electric Power Service Corporation	\$1,210,607,719	\$1,412,052,080	\$23,055,579	\$59,623,406	(\$89,329,167)	\$0	\$11,500,444	\$4,850,266
American Electric Power Service Corp	\$1,210,607,719	\$1,412,052,080	\$23,055,579	\$59,623,406	(\$89,329,167)	\$0	\$11,500,444	\$4,850,266
143 AEP Pro Serv, Inc.	\$955,642	\$1,039,810	\$0	\$46,187	(\$65,780)	\$0	\$9,078	(\$10,515)
171 CSW Energy, Inc.	4,675,691	7,096,764	280,121	239,516	(448,955)	0	44,418	115,100
293 Elmwood	2,757,260	7,592,174	387,968	152,010	(480,296)	0	26,193	85,875
292 AEP River Operations LLC	27,794,581	72,271,097	5,122,147	1,590,878	(4,572,010)	0	264,041	2,405,056
189 Central Coal Company	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
400 AEP Energy, Inc.	304,338	560,321	0	14,709	(35,447)	0	2,891	(17,847)
Miscellaneous	\$36,487,512	\$88,560,166	\$5,790,236	\$2,043,300	(\$5,602,488)	\$0	\$346,621	\$2,577,669
Total	\$4,102,059,932	\$5,010,433,951	\$82,607,948	\$202,246,561	(\$316,969,814)	\$0	\$38,968,446	\$6,853,145

**AMERICAN ELECTRIC POWER
QUALIFIED 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	Prior Service Cost	Amortization of Gain/Loss	Net Periodic Pension Cost
140 Appalachian Power Co - Distribution	\$277,560,984	\$368,805,480	\$3,485,930	\$13,566,661	(\$23,331,445)	\$0	\$2,383,576	(\$3,895,278)
215 Appalachian Power Co - Generation	235,569,212	275,136,312	3,603,687	11,545,324	(17,405,728)	0	2,022,969	(233,748)
150 Appalachian Power Co - Transmission	43,581,401	54,427,701	442,269	2,125,105	(3,443,216)	0	374,259	(501,583)
Appalachian Power Co. - FERC	\$556,711,597	\$698,369,493	\$7,531,886	\$27,237,090	(\$44,180,389)	\$0	\$4,780,804	(\$4,630,609)
225 Cedar Coal Co	3,101,067	4,260,847	0	149,694	(269,551)	0	26,631	(93,226)
Appalachian Power Co. - SEC	\$559,812,664	\$702,630,340	\$7,531,886	\$27,386,784	(\$44,449,940)	\$0	\$4,807,435	(\$4,723,835)
211 AEP Texas Central Company - Distribution	\$234,826,382	\$267,556,999	\$5,211,599	\$11,587,083	(\$16,926,244)	\$0	\$2,016,590	\$1,889,028
147 AEP Texas Central Company - Generation	6,282,272	15,363,213	0	303,257	(971,911)	0	53,949	(614,705)
169 AEP Texas Central Company - Transmission	23,220,905	27,524,216	695,299	1,154,480	(1,741,242)	0	199,411	307,948
AEP Texas Central Co.	\$264,329,559	\$310,444,428	\$5,906,898	\$13,044,820	(\$19,639,397)	\$0	\$2,269,950	\$1,582,271
170 Indiana Michigan Power Co - Distribution	\$146,305,751	\$188,680,451	\$2,131,556	\$7,165,347	(\$11,936,340)	\$0	\$1,256,412	(\$1,383,025)
132 Indiana Michigan Power Co - Generation	95,521,842	114,907,472	1,361,184	4,676,725	(7,269,299)	0	820,301	(411,089)
190 Indiana Michigan Power Co - Nuclear	181,501,800	264,277,266	5,546,958	9,029,194	(16,718,761)	0	1,558,661	(583,948)
120 Indiana Michigan Power Co - Transmission	32,627,570	41,443,670	444,354	1,596,444	(2,621,818)	0	280,192	(300,828)
280 Ind Mich River Transp Lakin	28,938,080	43,984,184	1,143,005	1,452,070	(2,782,536)	0	248,508	61,047
Indiana Michigan Power Co. - FERC	\$484,895,043	\$653,293,043	\$10,627,057	\$23,919,780	(\$41,328,754)	\$0	\$4,164,074	(\$2,617,843)
202 Price River Coal	0	0	0	0	0	0	0	0
Indiana Michigan Power Co. - SEC	\$484,895,043	\$653,293,043	\$10,627,057	\$23,919,780	(\$41,328,754)	\$0	\$4,164,074	(\$2,617,843)
110 Kentucky Power Co - Distribution	\$62,447,396	\$85,271,653	\$791,372	\$3,052,654	(\$5,394,472)	\$0	\$536,272	(\$1,014,174)
117 Kentucky Power Co - Generation	30,591,199	41,225,825	321,105	1,492,195	(2,608,036)	0	262,704	(532,032)
180 Kentucky Power Co - Transmission	7,004,446	9,993,984	139,965	344,874	(632,241)	0	60,151	(8,251)
Kentucky Power Co.	\$100,043,041	\$136,491,462	\$1,252,442	\$4,889,723	(\$8,634,749)	\$0	\$859,127	(\$1,633,457)
104 Cardinal Operating Company	\$66,495,414	\$91,870,968	\$1,245,162	\$3,269,964	(\$5,811,959)	\$0	\$571,034	(\$725,799)
270 Cook Coal Terminal	2,895,853	4,008,316	74,533	143,386	(253,575)	0	24,868	(10,788)
250 Ohio Power Co - Distribution	377,595,582	414,734,442	5,546,810	18,495,000	(26,237,012)	0	3,242,631	1,047,429
181 Ohio Power Co - Generation	317,919,819	441,925,175	3,855,182	15,532,682	(27,957,158)	0	2,730,161	(5,839,133)
160 Ohio Power Co - Transmission	64,510,477	81,058,971	853,026	3,155,219	(5,127,969)	0	553,989	(565,735)
Ohio Power Co. - FERC	\$829,417,145	\$1,033,597,872	\$11,574,713	\$40,596,251	(\$65,387,673)	\$0	\$7,122,683	(\$6,094,026)
290 Conesville Coal Preparation Company	3,032,552	4,124,338	0	146,387	(260,915)	0	26,042	(88,486)
Ohio Power Co. - SEC	\$832,449,697	\$1,037,722,210	\$11,574,713	\$40,742,638	(\$65,648,588)	\$0	\$7,148,725	(\$6,182,512)
167 Public Service Co of Oklahoma - Distribution	\$136,170,219	\$159,501,973	\$3,951,350	\$6,763,930	(\$10,090,445)	\$0	\$1,169,372	\$1,794,207
198 Public Service Co of Oklahoma - Generation	66,107,356	86,784,923	2,328,058	3,303,506	(5,490,205)	0	567,702	709,061
114 Public Service Co of Oklahoma - Transmission	16,686,664	21,292,082	493,522	829,320	(1,346,984)	0	143,298	119,156
Public Service Co. of Oklahoma	\$218,964,239	\$267,578,978	\$6,772,930	\$10,896,756	(\$16,927,634)	\$0	\$1,880,372	\$2,622,424
159 Southwestern Electric Power Co - Distribution	\$82,147,363	\$112,437,660	\$3,120,823	\$4,116,055	(\$7,113,053)	\$0	\$705,447	\$829,272
168 Southwestern Electric Power Co - Generation	88,647,819	115,966,362	3,536,896	4,449,929	(7,336,287)	0	761,270	1,411,808
161 Southwestern Electric Power Co - Texas - Distribution	43,300,478	50,606,031	1,389,880	2,157,287	(3,201,449)	0	371,846	717,564
111 Southwestern Electric Power Co - Texas - Transmission	125,062	282,424	0	6,037	(17,867)	0	1,074	(10,756)
194 Southwestern Electric Power Co - Transmission	13,263,098	18,703,297	503,110	664,521	(1,183,212)	0	113,988	98,317
Southwestern Electric Power Co.	\$227,483,820	\$297,995,774	\$8,550,709	\$11,393,829	(\$18,851,868)	\$0	\$1,953,535	\$3,046,205
119 AEP Texas North Company - Distribution	\$55,527,573	\$67,748,374	\$1,596,552	\$2,757,488	(\$4,285,911)	\$0	\$476,847	\$544,976
166 AEP Texas North Company - Generation	18,645,420	21,006,457	0	900,049	(1,328,915)	0	160,119	(268,747)
192 AEP Texas North Company - Transmission	8,812,425	11,992,497	359,067	442,725	(758,672)	0	75,677	118,797
AEP Texas North Co.	\$82,985,418	\$100,747,328	\$1,955,619	\$4,100,262	(\$6,373,498)	\$0	\$712,643	\$395,026
230 Kingsport Power Co - Distribution	\$10,819,352	\$13,687,790	\$147,054	\$529,369	(\$865,920)	\$0	\$92,912	(\$96,585)
260 Kingsport Power Co - Transmission	3,224,833	3,774,111	44,128	157,799	(238,759)	0	27,694	(9,138)
Kingsport Power Co.	\$14,044,185	\$17,461,901	\$191,182	\$687,168	(\$1,104,679)	\$0	\$120,606	(\$105,723)
210 Wheeling Power Co - Distribution	\$13,678,166	\$16,002,660	\$200,083	\$669,929	(\$1,012,363)	\$0	\$117,462	(\$24,889)
200 Wheeling Power Co - Transmission	597,287	663,730	0	28,832	(41,989)	0	5,129	(8,028)
Wheeling Power Co.	\$14,275,453	\$16,666,390	\$200,083	\$698,761	(\$1,054,352)	\$0	\$122,591	(\$32,917)
103 American Electric Power Service Corporation	\$1,186,996,726	\$1,424,935,513	\$23,399,248	\$58,428,079	(\$90,144,552)	\$0	\$10,193,423	\$1,876,199
American Electric Power Service Corp	\$1,186,996,726	\$1,424,935,513	\$23,399,248	\$58,428,079	(\$90,144,552)	\$0	\$10,193,423	\$1,876,199
143 AEP Pro Serv, Inc.	\$937,003	\$1,058,089	\$0	\$45,231	(\$66,937)	\$0	\$8,047	(\$13,659)
171 CSW Energy, Inc.	4,584,499	7,523,487	284,296	235,026	(475,952)	0	39,370	82,740
293 Elmwood	2,703,484	8,176,489	393,751	149,509	(517,263)	0	23,216	49,213
292 AEP River Operations LLC	27,252,492	78,994,284	5,198,499	1,566,470	(4,997,352)	0	234,033	2,001,650
189 Central Coal Company	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
400 AEP Energy, Inc.	298,402	580,695	0	14,404	(36,736)	0	2,563	(19,769)
Miscellaneous	\$35,775,880	\$96,333,044	\$5,876,546	\$2,010,640	(\$6,094,240)	\$0	\$307,229	\$2,100,175
Total	\$4,022,055,725	\$5,062,300,411	\$83,839,313	\$198,199,240	(\$320,252,251)	\$0	\$34,539,710	(\$3,673,987)

American Electric Power System Retirement Plan

AMERICAN ELECTRIC POWER
 QUALIFIED 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	\$271,653,406	\$372,477,176	\$3,569,895	\$13,282,125	(\$23,583,080)	\$0	\$2,108,443	(\$4,622,617)
215 Appalachian Power Co - Generation	230,555,381	276,075,742	3,690,488	11,304,576	(17,479,504)	0	1,789,460	(694,980)
150 Appalachian Power Co - Transmission	42,653,819	54,253,384	452,922	2,080,308	(3,435,008)	0	331,058	(570,720)
Appalachian Power Co. - FERC	\$544,862,606	\$702,806,302	\$7,713,305	\$26,667,009	(\$44,497,592)	\$0	\$4,228,961	(\$5,888,317)
225 Cedar Coal Co	3,035,064	4,254,852	0	146,471	(269,392)	0	23,557	(99,364)
Appalachian Power Co. - SEC	\$547,897,670	\$707,061,154	\$7,713,305	\$26,813,480	(\$44,766,984)	\$0	\$4,252,518	(\$5,987,681)
211 AEP Texas Central Company - Distribution	\$229,828,362	\$267,006,141	\$5,337,130	\$11,348,957	(\$16,905,270)	\$0	\$1,783,817	\$1,564,634
147 AEP Texas Central Company - Generation	6,148,561	15,491,520	0	296,726	(980,833)	0	47,722	(636,385)
169 AEP Texas Central Company - Transmission	22,726,673	27,918,254	712,047	1,131,140	(1,767,621)	0	176,394	251,960
AEP Texas Central Co.	\$258,703,596	\$310,415,915	\$6,049,177	\$12,776,823	(\$19,653,724)	\$0	\$2,007,933	\$1,180,209
170 Indiana Michigan Power Co - Distribution	\$143,191,795	\$190,366,141	\$2,182,899	\$7,015,702	(\$12,052,873)	\$0	\$1,111,386	(\$1,742,886)
132 Indiana Michigan Power Co - Generation	93,488,765	115,559,217	1,393,971	4,578,988	(7,316,535)	0	725,615	(617,961)
190 Indiana Michigan Power Co - Nuclear	177,638,735	271,271,896	5,680,567	8,846,888	(17,175,353)	0	1,378,747	(1,269,151)
120 Indiana Michigan Power Co - Transmission	31,933,128	41,780,463	455,057	1,563,036	(2,645,295)	0	247,850	(379,352)
280 Ind Mich River Transp Lakin	28,322,165	45,317,025	1,170,537	1,423,302	(2,869,209)	0	219,823	(55,547)
Indiana Michigan Power Co. - FERC	\$474,574,588	\$664,294,742	\$10,883,031	\$23,427,916	(\$42,059,265)	\$0	\$3,683,421	(\$4,064,897)
202 Price River Coal	0	0	0	0	0	0	0	0
Indiana Michigan Power Co. - SEC	\$474,574,588	\$664,294,742	\$10,883,031	\$23,427,916	(\$42,059,265)	\$0	\$3,683,421	(\$4,064,897)
110 Kentucky Power Co - Distribution	\$61,118,272	\$86,261,630	\$810,433	\$2,988,645	(\$5,461,583)	\$0	\$474,371	(\$1,188,134)
117 Kentucky Power Co - Generation	29,940,099	41,572,523	328,839	1,460,762	(2,632,129)	0	232,381	(610,147)
180 Kentucky Power Co - Transmission	6,855,364	10,238,004	143,336	337,753	(648,211)	0	53,208	(113,914)
Kentucky Power Co.	\$97,913,735	\$138,072,157	\$1,282,608	\$4,787,160	(\$8,741,923)	\$0	\$759,960	(\$1,912,195)
104 Cardinal Operating Company	\$65,080,133	\$93,041,098	\$1,275,154	\$3,202,270	(\$5,890,819)	\$0	\$505,121	(\$908,274)
270 Cook Coal Terminal	2,834,218	4,148,952	76,328	140,461	(262,687)	0	21,998	(23,900)
250 Ohio Power Co - Distribution	369,558,878	414,141,657	5,680,415	18,108,841	(26,221,032)	0	2,868,339	436,563
181 Ohio Power Co - Generation	311,153,247	446,262,624	3,948,042	15,206,614	(28,254,744)	0	2,415,022	(6,685,066)
160 Ohio Power Co - Transmission	63,137,442	81,590,740	873,573	3,089,136	(5,165,849)	0	490,043	(713,097)
Ohio Power Co. - FERC	\$811,763,918	\$1,039,185,071	\$11,853,512	\$39,747,322	(\$65,795,131)	\$0	\$6,300,523	(\$7,893,774)
290 Conesville Coal Preparation Company	2,968,007	4,171,018	0	143,234	(264,085)	0	23,036	(97,815)
Ohio Power Co. - SEC	\$814,731,925	\$1,043,356,089	\$11,853,512	\$39,890,556	(\$66,059,216)	\$0	\$6,323,559	(\$7,991,589)
167 Public Service Co of Oklahoma - Distribution	\$133,271,987	\$160,356,633	\$4,046,525	\$6,626,916	(\$10,152,846)	\$0	\$1,034,393	\$1,554,988
198 Public Service Co of Oklahoma - Generation	64,700,334	88,357,327	2,384,134	3,237,459	(5,594,270)	0	502,173	529,496
114 Public Service Co of Oklahoma - Transmission	16,331,507	21,614,111	505,410	812,540	(1,368,479)	0	126,757	76,228
Public Service Co. of Oklahoma	\$214,303,828	\$270,328,071	\$6,936,069	\$10,676,915	(\$17,115,595)	\$0	\$1,663,323	\$2,160,712
159 Southwestern Electric Power Co - Distribution	\$80,398,947	\$114,946,464	\$3,195,994	\$4,034,246	(\$7,277,739)	\$0	\$624,018	\$576,519
168 Southwestern Electric Power Co - Generation	86,761,048	118,042,115	3,622,089	4,361,840	(7,473,738)	0	673,398	1,183,589
161 Southwestern Electric Power Co - Texas - Distribution	42,378,875	51,488,258	1,423,358	2,113,872	(3,259,936)	0	328,924	606,218
111 Southwestern Electric Power Co - Texas - Transmission	122,400	290,131	0	5,907	(18,369)	0	950	(11,512)
194 Southwestern Electric Power Co - Transmission	12,980,808	19,278,119	515,228	651,311	(1,220,578)	0	100,751	46,712
Southwestern Electric Power Co.	\$222,642,078	\$304,045,087	\$8,756,669	\$11,167,176	(\$19,250,360)	\$0	\$1,728,041	\$2,401,526
119 AEP Texas North Company - Distribution	\$54,345,730	\$68,641,702	\$1,635,007	\$2,701,599	(\$4,345,992)	\$0	\$421,805	\$412,419
166 AEP Texas North Company - Generation	18,248,573	20,614,598	0	880,666	(1,305,196)	0	141,637	(282,893)
192 AEP Texas North Company - Transmission	8,624,862	12,229,646	367,716	433,977	(774,310)	0	66,942	94,325
AEP Texas North Co.	\$81,219,165	\$101,485,946	\$2,002,723	\$4,016,242	(\$6,425,498)	\$0	\$630,384	\$223,851
230 Kingsport Power Co - Distribution	\$10,589,074	\$13,763,649	\$150,596	\$518,291	(\$871,434)	\$0	\$82,187	(\$120,360)
260 Kingsport Power Co - Transmission	3,156,196	3,793,063	45,191	154,497	(240,155)	0	24,497	(15,970)
Kingsport Power Co.	\$13,745,270	\$17,556,712	\$195,787	\$672,788	(\$1,111,589)	\$0	\$106,684	(\$136,330)
210 Wheeling Power Co - Distribution	\$13,387,042	\$16,059,692	\$204,902	\$655,940	(\$1,016,806)	\$0	\$103,904	(\$52,060)
200 Wheeling Power Co - Transmission	584,575	650,341	0	28,211	(41,176)	0	4,537	(8,428)
Wheeling Power Co.	\$13,971,617	\$16,710,033	\$204,902	\$684,151	(\$1,057,982)	\$0	\$108,441	(\$60,488)
103 American Electric Power Service Corporation	\$1,161,732,808	\$1,437,308,194	\$23,962,860	\$57,221,018	(\$91,001,965)	\$0	\$9,016,812	(\$801,274)
American Electric Power Service Corp	\$1,161,732,808	\$1,437,308,194	\$23,962,860	\$57,221,018	(\$91,001,965)	\$0	\$9,016,812	(\$801,274)
143 AEP Pro Serv, Inc.	\$917,060	\$1,077,959	\$0	\$44,257	(\$68,250)	\$0	\$7,118	(\$16,875)
171 CSW Energy, Inc.	4,486,923	8,007,605	291,144	230,587	(506,995)	0	34,825	49,561
293 Elmwood	2,645,943	8,834,699	403,235	147,152	(559,362)	0	20,537	11,562
292 AEP River Operations LLC	26,672,453	85,506,488	5,323,714	1,544,117	(5,413,772)	0	207,019	1,661,078
189 Central Coal Company	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
400 AEP Energy, Inc.	292,051	601,735	0	14,094	(38,098)	0	2,267	(21,737)
Miscellaneous	\$35,014,430	\$104,028,486	\$6,018,093	\$1,980,207	(\$6,586,477)	\$0	\$271,766	\$1,683,589
Total	\$3,936,450,710	\$5,114,662,586	\$85,858,736	\$194,114,432	(\$323,830,578)	\$0	\$30,552,842	(\$13,304,567)

**AMERICAN ELECTRIC POWER
QUALIFIED 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	\$265,981,195	\$376,968,293	\$3,652,282	\$13,015,142	(\$23,895,557)	\$0	\$1,854,730	(\$5,373,403)
215 Appalachian Power Co - Generation	225,741,310	277,181,217	3,775,658	11,078,728	(17,570,177)	0	1,574,131	(1,141,660)
150 Appalachian Power Co - Transmission	41,763,194	54,453,416	463,375	2,038,266	(3,451,735)	0	291,221	(658,873)
Appalachian Power Co. - FERC	\$533,485,699	\$708,602,926	\$7,891,315	\$26,132,136	(\$44,917,469)	\$0	\$3,720,082	(\$7,173,936)
225 Cedar Coal Co	2,971,691	4,257,767	0	143,443	(269,895)	0	20,722	(105,730)
Appalachian Power Co. - SEC	\$536,457,390	\$712,860,693	\$7,891,315	\$26,275,579	(\$45,187,364)	\$0	\$3,740,804	(\$7,279,666)
211 AEP Texas Central Company - Distribution	\$225,029,471	\$267,584,198	\$5,460,302	\$11,125,685	(\$16,961,833)	\$0	\$1,569,167	\$1,193,321
147 AEP Texas Central Company - Generation	6,020,177	15,940,502	0	290,592	(1,010,449)	0	41,980	(677,877)
169 AEP Texas Central Company - Transmission	22,252,133	28,402,294	728,480	1,109,269	(1,800,387)	0	155,168	192,530
AEP Texas Central Co.	\$253,301,781	\$311,926,994	\$6,188,782	\$12,525,546	(\$19,772,669)	\$0	\$1,766,315	\$707,974
170 Indiana Michigan Power Co - Distribution	\$140,201,904	\$192,745,950	\$2,233,276	\$6,875,311	(\$12,217,929)	\$0	\$977,650	(\$2,131,692)
132 Indiana Michigan Power Co - Generation	91,536,690	116,440,425	1,426,141	4,487,293	(7,381,015)	0	638,300	(829,281)
190 Indiana Michigan Power Co - Nuclear	173,929,580	277,376,225	5,811,664	8,676,066	(17,582,538)	0	1,212,839	(1,881,969)
120 Indiana Michigan Power Co - Transmission	31,266,354	42,169,874	465,559	1,531,692	(2,673,096)	0	218,025	(457,820)
280 Ind Mich River Transp Lakin	27,730,789	46,684,667	1,197,551	1,396,364	(2,959,284)	0	193,371	(171,998)
Indiana Michigan Power Co. - FERC	\$464,665,317	\$675,417,141	\$11,134,191	\$22,966,726	(\$42,813,862)	\$0	\$3,240,185	(\$5,472,760)
202 Price River Coal	0	0	0	0	0	0	0	0
Indiana Michigan Power Co. - SEC	\$464,665,317	\$675,417,141	\$11,134,191	\$22,966,726	(\$42,813,862)	\$0	\$3,240,185	(\$5,472,760)
110 Kentucky Power Co - Distribution	\$59,842,103	\$86,841,732	\$829,137	\$2,928,586	(\$5,504,791)	\$0	\$417,289	(\$1,329,779)
117 Kentucky Power Co - Generation	29,314,940	42,022,400	336,428	1,431,264	(2,663,748)	0	204,418	(691,638)
180 Kentucky Power Co - Transmission	6,712,222	10,488,333	146,644	331,076	(664,843)	0	46,805	(140,318)
Kentucky Power Co.	\$95,869,265	\$139,352,465	\$1,312,209	\$4,690,926	(\$8,833,382)	\$0	\$668,512	(\$2,161,735)
104 Cardinal Operating Company	\$63,721,238	\$94,168,103	\$1,304,582	\$3,138,780	(\$5,969,200)	\$0	\$444,338	(\$1,081,500)
270 Cook Coal Terminal	2,775,039	4,301,259	78,090	137,720	(272,652)	0	19,351	(37,491)
250 Ohio Power Co - Distribution	361,842,369	413,540,197	5,811,509	17,746,563	(26,213,805)	0	2,523,185	(132,548)
181 Ohio Power Co - Generation	304,656,267	451,997,156	4,039,155	14,900,653	(28,651,544)	0	2,124,417	(7,587,319)
160 Ohio Power Co - Transmission	61,819,112	82,190,606	893,733	3,027,134	(5,209,962)	0	431,075	(858,020)
Ohio Power Co. - FERC	\$794,814,025	\$1,046,197,321	\$12,127,069	\$38,950,850	(\$66,317,163)	\$0	\$5,542,366	(\$9,696,878)
290 Conesville Coal Preparation Company	2,906,034	4,236,643	0	140,274	(268,556)	0	20,264	(108,018)
Ohio Power Co. - SEC	\$797,720,059	\$1,050,433,964	\$12,127,069	\$39,091,124	(\$66,585,719)	\$0	\$5,562,630	(\$9,804,896)
167 Public Service Co of Oklahoma - Distribution	\$130,489,225	\$162,493,315	\$4,139,912	\$6,498,516	(\$10,300,252)	\$0	\$909,922	\$1,248,098
198 Public Service Co of Oklahoma - Generation	63,349,370	89,991,778	2,439,155	3,175,596	(5,704,468)	0	441,745	352,028
114 Public Service Co of Oklahoma - Transmission	15,990,500	21,882,738	517,074	796,817	(1,387,120)	0	111,504	38,275
Public Service Co. of Oklahoma	\$209,829,095	\$274,367,831	\$7,096,141	\$10,470,929	(\$17,391,840)	\$0	\$1,463,171	\$1,638,401
159 Southwestern Electric Power Co - Distribution	\$78,720,191	\$117,539,417	\$3,269,752	\$3,957,635	(\$7,450,679)	\$0	\$548,929	\$325,637
168 Southwestern Electric Power Co - Generation	84,949,449	120,478,735	3,705,680	4,279,361	(7,636,999)	0	592,366	940,408
161 Southwestern Electric Power Co - Texas - Distribution	41,493,991	52,340,586	1,456,206	2,073,196	(3,317,805)	0	289,344	500,941
111 Southwestern Electric Power Co - Texas - Transmission	119,845	299,666	0	5,785	(18,995)	0	836	(12,374)
194 Southwestern Electric Power Co - Transmission	12,709,764	19,881,953	527,119	638,941	(1,260,293)	0	88,627	(5,606)
Southwestern Electric Power Co.	\$217,993,240	\$310,540,357	\$8,958,757	\$10,954,918	(\$19,684,771)	\$0	\$1,520,102	\$1,749,006
119 AEP Texas North Company - Distribution	\$53,210,974	\$69,669,086	\$1,672,741	\$2,649,224	(\$4,416,238)	\$0	\$371,049	\$276,776
166 AEP Texas North Company - Generation	17,867,537	20,248,559	0	862,462	(1,283,531)	0	124,593	(296,476)
192 AEP Texas North Company - Transmission	8,444,772	12,517,003	376,202	425,786	(793,437)	0	58,887	67,438
AEP Texas North Co.	\$79,523,283	\$102,434,648	\$2,048,943	\$3,937,472	(\$6,493,206)	\$0	\$554,529	\$47,738
230 Kingsport Power Co - Distribution	\$10,367,971	\$13,856,630	\$154,072	\$507,896	(\$878,355)	\$0	\$72,298	(\$144,089)
260 Kingsport Power Co - Transmission	3,090,294	3,796,804	46,234	151,399	(240,675)	0	21,549	(21,493)
Kingsport Power Co.	\$13,458,265	\$17,653,434	\$200,306	\$659,295	(\$1,119,030)	\$0	\$93,847	(\$165,582)
210 Wheeling Power Co - Distribution	\$13,107,516	\$16,103,136	\$209,631	\$642,815	(\$1,020,758)	\$0	\$91,401	(\$76,911)
200 Wheeling Power Co - Transmission	572,369	641,817	0	27,628	(40,684)	0	3,991	(9,065)
Wheeling Power Co.	\$13,679,885	\$16,744,953	\$209,631	\$670,443	(\$1,061,442)	\$0	\$95,392	(\$85,976)
103 American Electric Power Service Corporation	\$1,137,475,453	\$1,452,037,512	\$24,515,882	\$56,089,040	(\$92,042,874)	\$0	\$7,931,796	(\$3,506,154)
American Electric Power Service Corp	\$1,137,475,453	\$1,452,037,512	\$24,515,882	\$56,089,040	(\$92,042,874)	\$0	\$7,931,796	(\$3,506,154)
143 AEP Pro Serv, Inc.	\$897,912	\$1,089,253	\$0	\$43,342	(\$69,046)	\$0	\$6,261	(\$19,443)
171 CSW Energy, Inc.	4,393,235	8,513,590	297,863	226,438	(539,666)	0	30,635	15,270
293 Elmwood	2,590,695	9,498,286	412,541	144,965	(602,085)	0	18,065	(26,514)
292 AEP River Operations LLC	26,115,523	92,589,558	5,446,576	1,523,495	(5,869,138)	0	182,108	1,283,041
189 Central Coal Company	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
400 AEP Energy, Inc.	285,953	622,114	0	13,803	(39,435)	0	1,994	(23,638)
Miscellaneous	\$34,283,318	\$112,312,801	\$6,156,980	\$1,952,043	(\$7,119,370)	\$0	\$239,063	\$1,228,716
Total	\$3,854,256,351	\$5,176,082,793	\$87,840,206	\$190,284,041	(\$328,105,529)	\$0	\$26,876,346	(\$23,104,934)

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