

American Electric Power
American Electric Power System Retirement Plan

Actuarial Valuation Report

Pension Cost for Fiscal Year Ending December 31, 2011
under U.S. GAAP

Employer Contributions for Plan Year
Beginning January 1, 2011

October 2011

TOWERS WATSON 

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Purpose and Actuarial Certification

Purposes of Valuation

American Electric Power 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, 2011.
- (2) The estimated maximum tax-deductible contribution for the tax year in which the 2011 plan year ends in accordance with ERISA as allowed by the IRC. The maximum tax-deductible contribution should be finalized in consultation with American Electric Power's tax advisor.
- (3) The value of benefit obligations as of January 1, 2011, and American Electric Power's pension cost for fiscal year ending December 31, 2011, in accordance with FASB ASC 715-30-35.

Limitations

This valuation has been conducted in accordance with generally accepted actuarial principles and practices. However:

- (1) This report is not intended to constitute a certification of the Adjusted Funding Target Attainment Percentage (AFTAP) under IRC §436 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 American Electric Power.
- (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.

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); and the Preservation of Access to Care for Medicare Beneficiaries and Pension Relief Act of 2010 (PRA). The IRS has yet to issue final guidance with respect to certain aspects of these laws. It is possible that guidance may conflict with our understanding of these laws based on currently available guidance and could therefore affect results shown in this report.

Reliances

In preparing the results presented in this report, we have relied upon information regarding plan provisions, participants, assets and sponsor elections provided by American Electric Power and other persons or organizations designated by American Electric Power. 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 American Electric Power, 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) employed in the development of the contribution amounts and communicated them to us in the letter dated March 28, 2011. 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." We believe that the non-prescribed assumptions used in our valuation are reasonable and appropriate for the purposes for which they have been used.

Assumptions and Methods Under ASC 715-30-35

The actuarial assumptions and methods employed in the development of the pension cost have been selected by the plan sponsor with the concurrence of Towers Watson, except for the expected rate of return on plan assets selected as of December 31, 2010. 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.

Nature of Actuarial Calculations

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 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.

The results shown in this report are estimates based on data that may be imperfect and on assumptions about future events which cannot be predicted with certainty. The effects of certain plan provisions may be approximated, or determined to be insignificant and therefore not valued. Assumptions may be made, in consultation with American Electric Power, about participant data or other factors. 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; we can do so upon request.

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

Limitations on Use

This report is provided subject to the terms set out herein and in our engagement letter dated January 7, 2011, and any accompanying or referenced terms and conditions.

The information contained in this report was prepared for the internal use of American Electric Power and its auditors in connection with our actuarial valuation of the pension plan as described in Purposes of Valuation above. It is not intended for and may not be used for other purposes, and we accept no responsibility or liability in this regard. American Electric Power may distribute this actuarial valuation report to the appropriate authorities who have the legal right to require American Electric Power to provide them this report, in which case American Electric Power 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, no responsibility whatsoever is accepted by us for any consequences arising from any third party relying on this report or any advice relating to its contents. There are no intended third-party 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.



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Towers Watson Pennsylvania Inc.

October 2011

Section 1: Summary of Results

Summary of Valuation Results

All monetary amounts shown in US Dollars

Plan Year Beginning	January 1, 2011	January 1, 2010
Funding		
Market value with discounted receivable contributions	4,014,062,294	3,843,641,797
Actuarial value of assets	3,882,730,379	3,731,427,671
Funding balances	329,649,337	530,413,763
Funding target	4,177,243,880	3,999,133,748
Target normal cost	75,082,044	132,459,672
Funding shortfall (surplus)	624,162,838	798,119,840
Funding target attainment percentage (FTAP)	85.1%	80.0%
Minimum required contribution		
Prior to application of funding balances	189,639,274	239,666,420
Net of available funding balances	0	0
Effective interest rate	6.06%	6.55%
U.S. GAAP Accounting (ASC 715) as of Measurement Date		
Projected benefit obligation (PBO)	4,703,772,057	4,499,732,489
Fair value of assets (without receivable contributions)	3,868,611,425	3,403,606,388
Funded status	835,160,632	1,096,126,101
Pension cost (excluding effects of settlements, curtailments and termination benefits) for fiscal year	110,033,327	132,598,976
Discount rate	5.05%	5.60%
Participants as of Census Date		
	January 1, 2011	January 1, 2010
Active employees	18,141	20,895
Participants with deferred benefits	6,283	5,912
Participants receiving benefits	<u>16,307</u>	<u>15,126</u>
Total	40,731	41,933

Minimum Required Contribution and Funding Policy

All monetary amounts shown in US Dollars

Plan Year Beginning	January 1, 2011	January 1, 2010
Minimum Required Contribution		
Prior to application of funding balances	189,639,274	239,666,420
Net of available funding balances	0	0
Sponsor's funding policy contribution	150,000,000	187,500,000

The current sponsor's funding policy has been generally to contribute the minimum required contribution or, at the Company's discretion, additional amounts to improve the Plan's funded status. We understand that the sponsor may deviate from this policy based on cash, tax or other considerations. Contributions of \$187,500,000 were made for the prior plan year under this policy.

The minimum required contribution for the 2011 plan year must be partially satisfied in quarterly installments during the plan year, with a final payment due by September 15 (following). 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 balances elections or amounts already contributed for the 2011 plan year prior to the issuance of this report, is shown below:

All monetary amounts shown in US Dollars

Due Date	Amount
April 15	42,668,837
July 15	42,668,837
October 15	42,668,837
January 15 (following)	42,668,837
September 15 (following)	28,135,313

If a plan has a funding shortfall for the current plan year, quarterly contributions will be required in the following plan year.

Because the plan has a funding shortfall, quarterly contributions for the 2012 plan year will be required. Quarterly contributions for the 2012 plan year will not exceed 47,409,819 per payment, based on this year's valuation results.

The preliminary minimum funding schedule for the 2012 plan year, before reflecting any funding balance elections, is shown below:

All monetary amounts shown in US Dollars

Plan Year	2012
Preliminary Schedule of Minimum Funding Requirements	
April 15	47,409,819
July 15	47,409,819
October 15	47,409,819
January 15 (following)	47,409,819
September 15 (following)	To be determined once 2012 valuation is completed

Change in Minimum Funding Requirement and Funding Shortfall

The minimum funding requirement declined from \$239,666,420 for the 2010 plan year to \$189,639,274 for the 2011 plan year, and the funding shortfall declined from \$798,119,840 on January 1, 2010, to \$624,162,838 on January 1, 2011, as set forth below:

All monetary amounts shown in US Dollars

	Minimum Funding Requirement	Funding Shortfall (Surplus)
Prior year	239,666,420	798,119,840
Change due to:		
▶ Expected based on prior valuation, contributions, and use of/creation of funding balances	27,081,223	(107,641,768)
▶ Sponsor election to reduce the funding balances	0	0
▶ Unexpected noninvestment experience	(77,541,465)	(69,329,717)
▶ Unexpected investment experience	(32,759,104)	(195,000,501)
▶ Assumption changes	33,192,200	198,014,984
▶ Method changes	0	0
▶ Plan amendments	0	0
Current year	189,639,274	624,162,838

Significant reasons for these changes include the following:

- 2010 was the final year of accruals under the final average pay formula. For many participants, it may be several years before accruals under the cash balance formula are sufficient for the value of the cash balance benefit to exceed the value of the final average pay benefit. As a result, the normal cost component of the minimum funding requirement is significantly lower than in prior years.
- Demographic losses resulting from East grandfathered severance program participants retiring earlier than expected and electing to receive their payments as subsidized annuities (instead of non-subsidized lump sums) at a slightly greater rate than assumed, increased the minimum funding requirement and funding shortfall. These demographic losses were slightly offset by gains as a result of lower than expected salary increases produced by below-target incentive payouts during 2010.
- 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 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 2009 to the segment rates as of October 2010. As a result the plan's effective interest rate declined 50 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.
- Assumed plan-related expenses of \$15,915,985 (compared to \$14,593,879 for plan year 2010) were added to the target normal cost, which increased 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, and 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 section below for a discussion of at-risk assumptions).

Following are the key funding ratios and their implications for the 2011 or 2012 plan years.

Purpose of Ratio	Percent	Threshold	Implications
January 1, 2010 Funding Ratios			
Use of the funding balances to satisfy 2011 Minimum Required Contribution (MRC)	93.30%	80%	If >= threshold, the funding balances can be used to satisfy 2011 MRC
Quarterly contribution exemption test for 2011	80.04%	100%	If < threshold, quarterly contributions are required for 2011
At-risk for 2011	80.04%	80%	If >= threshold, plan is not at risk in 2011
January 1, 2011 Funding Ratios			
Use of the funding balances to satisfy 2012 MRC	92.94%	80%	If >= threshold, the funding balances can be used to satisfy 2012 MRC
Quarterly contribution exemption test for 2012	85.05%	100%	If < threshold, quarterly contributions are required for 2012
At-risk Test for 2012	85.05%	80%	If >= threshold, plan is not at risk in 2012
PBGC 4010 filing in 2012	85.05%	80%	If >= threshold, this plan does not trigger a 4010 filing in 2012
PBGC variable premium for 2011	93.33%	100%	If < threshold, PBGC variable premiums are required in 2011
Eliminate SABs	85.05%	100%	If < threshold, Shortfall Amortization Bases are not eliminated

Benefit Limitations

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

Plans are prohibited from paying lump sums or other accelerated forms of distribution if the Adjusted Funding Target Attainment Percentage (AFTAP) is below 60%, and the amounts which can be paid are limited if the AFTAP is between 60% and 80%. In addition, lump sums to the 25 highest paid employees may be restricted if a plan's AFTAP is below 110%. This limitation does 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.

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 if the AFTAP is below 60%. 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.

The AFTAP for 2011 for the plan year beginning January 1, 2011 is 81.57%; This AFTAP may be changed by subsequent events.

Note that this report is not intended to constitute a certification of the AFTAP under IRC §436 for any plan year. The AFTAP for the plan year has been previously certified on March 31, 2011, to be 81.57%.

Current Implications of AFTAP for 2011 Plan Year

We believe that the certified AFTAP of 81.57% for the 2011 plan year has the following implications for benefit limitations described in IRC §436. American Electric Power should review and confirm 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 UCEBs must be evaluated at the time they would become effective to determine if they are permissible.

Implications of 2011 AFTAP for Presumptions in Next Plan Year

Because the AFTAP for the 2011 plan year is at least 80% but less than 90%, the presumed AFTAP for the 2012 plan year would decline 10% on April 1, 2012, if the 2012 plan year AFTAP has not yet been certified. Based on our understanding of the application of IRC §436 to the American Electric Power System Retirement Plan, as described above, we believe this decline in presumed AFTAP would cause accelerated distributions to be partially restricted. American Electric Power should confirm these effects with your counsel.

Note, however, that adoption of plan amendments and/or payment of UCEBs may change this result. We recommend that you consult with ERISA counsel concerning plan amendments.

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 plan underfunding.

The FTAP for 2011 is 85.05%. 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 2011 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

As defined in the PPA, the plan is not in at-risk status for the 2011 plan year, because the plan's FTAP for the 2010 plan year was at least 80%.

As defined in the PPA, the plan will not be in at-risk status for the 2012 plan year, because the plan's FTAP for the 2011 plan year is at least 80%.

When a plan is in at-risk status:

- The plan is subject to potentially higher minimum contribution requirements. The funding target and target normal cost for purposes of determining the minimum required contribution must be measured reflecting certain mandated assumptions ("at-risk assumptions"). Specifically, participants eligible to retire within the next 11 years must be assumed to retire immediately when first eligible (but not before the end of the current year), and all participants must be assumed to elect the most valuable form of payment available when they begin receiving benefits. In addition, plans that have been at-risk in past years may also be required to increase the funding target and target normal cost for prescribed assumed expenses. The net effect of these assumptions and expense adjustments in most cases is to increase required contributions and PBGC variable premiums.
- The plan sponsor must indicate in the annual funding notice for the plan that the plan is at-risk and disclose additional at-risk funding targets, and
- Immediate taxation of non-qualified pension or deferred compensation for certain employees may occur if the plan sponsor is a public company. This may result when non-qualified pension or deferred compensation for such employees is funded during a period when a plan sponsored by the plan sponsor or another member of the plan sponsor's controlled group is in at-risk status.

Pension Cost and Funded Position

The cost of the pension plan is determined in accordance with generally accepted accounting principles in the U.S. ("U.S. GAAP"). The Fiscal 2011 pension cost for the plan is \$110,033,327 or 7.5% of covered pay.

Under U.S. GAAP, 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, 2011, was \$(835,160,632), based on the fair value of plan assets of \$3,868,611,425 and the PBO of \$4,703,772,057.

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, 2010, was derived from a roll forward of the January 1, 2010, 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 financial reporting information will be developed based on the results of the valuation, projected to the end of 2011 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 declined from \$132,598,976 in fiscal 2010 to \$110,033,327 in fiscal 2011 and the funded position improved from \$(1,096,126,101) to \$(835,160,632), as set forth below:

All monetary amounts shown in US Dollars

	Pension Cost	Funded Position
Prior year	132,598,976	(1,096,126,101)
Change due to:		
▶ Expected based on prior valuation and contributions during prior year	(36,116,327)	454,638,731
▶ Unexpected noninvestment experience	(46,040,967)	(47,928,576)
▶ Unexpected investment experience	34,976,050	117,634,870
▶ Assumption changes	24,615,595	(263,379,556)
▶ Plan amendments	0	0
▶ Method change	0	0
▶ Interim events	0	0
Current year	110,033,327	(835,160,632)

Significant reasons for these changes include the following:

- 2010 was the final year of accruals under the final average pay formula. For many participants, it may be several years before accruals under the cash balance formula are sufficient for the value of the cash balance benefit to exceed the value of the final average pay benefit. As a result, the service cost component of the pension cost is significantly lower than in prior years.
- Demographic losses resulting from East grandfathered severance program participants retiring earlier than expected and electing to receive their payments as subsidized annuities (instead of non-subsidized lump sums) at a slightly greater rate than assumed, increased the pension cost and funding shortfall. These demographic losses were slightly offset by gains as a result of lower than expected salary increases produced by below target incentive payouts during 2010.
- 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 55 basis points compared to the prior year, which increased the pension cost and caused the funded position to deteriorate.
- The mortality and interest rates used to convert to different forms of payment was updated, which increased the pension cost and worsened 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 5.60% to 5.05%.

The mortality table used to value the benefit obligations was updated from the RP2000 with projections to 2017 for annuitants and to 2025 for nonannuitants to RP2000 with projections to 2018 for annuitants and to 2026 for nonannuitants.

The lump sum/annuity conversion rate was decreased from 6.50% to 6.25%

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

The interest rates used to calculate the funding target and funding target normal cost were updated to the segment rates published in October 2010.

Changes in Methods

None.

Changes in Benefits Valued

None.

Section 2: Actuarial Exhibits

2.1 Summary of Liabilities for Funding Purposes

All monetary amounts shown in US Dollars

Plan Year Beginning	January 1, 2011	January 1, 2010
A Funding Target		
1 Number of consecutive years at-risk	0	0
2 Funding target		
a Active employees – non-vested benefits	61,102,233	58,537,596
b Active employees – vested benefits	1,424,558,836	1,855,846,162
c Participants with deferred benefits	372,951,022	248,566,060
d Participants receiving benefits	2,318,631,789	1,836,183,930
e Total funding target	4,177,243,880	3,999,133,748
3 Target normal cost	75,082,044	132,459,672

2.2 Change in Plan Assets During Plan Year

All monetary amounts shown in US Dollars

Plan Year Beginning	January 1, 2010
A Reconciliation of Market Value of Assets	
1 Market value of assets at January 1, 2010 (including discounted contributions receivable)	3,843,641,797
2 Discounted contributions receivable at January 1, 2010	440,035,409
3 Market value of assets at January 1, 2010 (excluding contributions receivable)	3,403,606,388
4 Employer contributions	
a For plan year 2009	462,500,000
b For plan year 2010	37,500,000
c IRC §436 contributions for plan year 2010	0
d Total	500,000,000
5 Employee contributions	0
6 Benefit payments	(465,438,740)
7 Administrative expenses paid by plan	(15,915,985)
8 Transfers from/(to) other plans	0
9 Investment return	446,359,762
10 Market value of assets at January 1, 2011 (excluding contributions receivable)	3,868,611,425
11 Discounted contributions receivable at January 1, 2011	145,450,869
12 Market value of assets at January 1, 2011 (including discounted contributions receivable)	4,014,062,294
B Rate of Return on Invested Assets using Time-Weighted Transactions (i.e., for crediting unused funding balances)	
1 Rate of return	13.38%

C Discounted Receivable Contributions at January 1, 2011

Date	Prior Year Contributions	Discounted Value at January 1, 2011
5/27/2011	75,000,000	73,117,878
7/28/2011	75,000,000	72,332,991
Total		145,450,869

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, 2011
Development of AVA				
Month	Expenses	Benefit Payments	Contributions	Fair Value at Beginning of Month
July 2010	1,608,849	175,285,819	12,500,000	3,363,805,652
August 2010	1,886,447	39,879,421	12,500,000	3,336,348,425
September 2010	460,269	36,257,182	362,500,000	3,297,849,177
October 2010	1,773,078	29,932,807	12,500,000	3,774,208,398
November 2010	1,809,183	26,675,791	12,500,000	3,791,884,119
December 2010	(3,299,097)	25,456,778	12,500,000	3,757,417,760
AVA with receivables				
A	Preliminary Actuarial Value of Assets before Corridor as of January 1, 2011			
	1 Monthly asset values adjusted for expenses and benefit payments rolled forward to January 1, 2011 (including discounted rates of contributions receivable from C above)			
Month	Asset value			
a July 2010	3,719,048,734			
b August 2010	3,835,849,433			
c September 2010	3,806,328,055			
d October 2010	3,936,883,230			
e November 2010	3,933,096,525			
f December 2010	3,913,844,385			
g January 2011	4,014,062,294			
h Average of monthly asset values	3,882,730,379			
	2 Preliminary Actuarial Value of Assets and before application of corridor			
	3,882,730,379			
B	Lower Bound of Corridor (90% of A12 from prior page)			
	3,612,656,065			
C	Upper Bound of Corridor (110% of A12 from prior page)			
	4,415,468,523			
	Actuarial Value of Assets as of January 1, 2011			
D	(A2 but not smaller than B nor larger than C)			
	3,882,730,379			

2.4 Calculation of Minimum Required Contribution

All monetary amounts shown in US Dollars

Reconciliation of Funding Balances as of January 1, 2011				
	Funding Standard Carryover Balance	Prefunding Balance	Total	
A Determination of Funding Balances				
1	Funding balance as of January 1, 2010	530,413,763	0	530,413,763
2	Amount used to offset prior year minimum required contribution ¹	239,666,420	0	239,666,420
3	Adjustment for investment experience	38,901,994	0	38,901,994
4	Amount of additional prefunding balance created by election	0	0	0
5	Amount of funding balance reduction for current year by election or deemed election	0	0	0
6	Funding balance as of January 1, 2011	329,649,337	0	329,649,337

Plan Year Beginning		January 1, 2011
B Calculation of Minimum Required Contribution		
1	Target normal cost	75,082,044
2	Funding surplus	0
3	Net shortfall amortization installment	114,557,230
4	Waiver amortization installment	0
5	Minimum funding requirement	189,639,274
6	Funding balance available	329,649,337
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 6.06%.

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

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

2.5 Calculation of Estimated Maximum Deductible Contribution

All monetary amounts shown in US Dollars

Based on Plan Year	2011
A Basic Maximum	
1 Funding target	4,177,243,880
2 Target normal cost	75,082,044
3 Actuarial Value of Assets	3,882,730,379
4 50% of funding target	2,088,621,940
5 Additional funding target for future compensation or benefit increases	1,303,302
6 Basic maximum deductible contribution [1+2+4+5]	6,342,251,166
B Minimum Required Contribution	189,639,274
C Estimated Maximum Deductible Contribution (maximum of B and A.6 less A.3)	2,459,520,787

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 that the plan sponsor review with tax counsel the tax-deductibility of all contributions as Towers Watson does not provide legal or tax advice.

This limit has been determined without regard to the special rule of IRC §404(o)(2)(B) providing a potentially higher maximum deduction based on at-risk assumptions, which is available for plans that are not at risk.

2.6 ASC 960 (Plan Accounting) Information

All monetary amounts shown in US Dollars

Plan Year Beginning	January 1, 2011
A Present Value of Accumulated Benefits	
1 Vested accumulated benefits	
a Active employees	1,213,068,516
b Participants with deferred benefits	313,399,802
c Participants receiving benefits	2,034,589,118
d Total vested accumulated benefits	3,561,057,436
2 Non-vested accumulated benefits	41,062,116
3 Total accumulated benefits	3,602,119,552
4 Market value of assets ¹	4,018,611,425
B Reconciliation of Present Value of Accumulated Benefits	
1 Present value of accumulated benefits as of January 1, 2010	3,526,223,834
2 Changes during the year due to:	
a Benefits accumulated	109,257,840
b Actuarial (gains)/losses	78,846,708
c Decrease in the discount period	263,838,519
d Actual benefits paid	(465,438,740)
e Assumption changes	89,391,391
f Plan amendments	0
g Net increase/(decrease)	75,895,718
3 Present value of accumulated benefits as of January 1, 2011	3,602,119,552
C Key Assumptions	
1 Discount rate	7.75%
2 Cash balance crediting rate	5.25%
3 Rate of compensation increase	Rates vary by age from 3.5% to 11.5%

¹ Assets may include accrued contributions for the current plan year not yet deposited on the current valuation date.

2.7 Pension Obligations and Funded Position Under U.S. GAAP (ASC 715)

All monetary amounts shown in US Dollars

Measurement Date	January 1, 2011	January 1, 2010
A Obligations		
Accumulated Benefit Obligation (ABO)		
1 Active employees	1,706,399,603	2,148,943,751
2 Participants with deferred benefits	435,222,869	303,903,649
3 Participants receiving benefits	2,490,275,320	1,959,944,060
4 Total ABO	4,631,897,792	4,412,791,460
5 Future salary increases	71,874,265	86,941,029
6 Projected benefit obligation (PBO)	4,703,772,057	4,499,732,489
B Assets		
1 Fair value [FV]	3,868,611,425	3,403,606,388
2 Investment losses (gains) not yet in market-related value	277,540,665	600,109,262
3 Market-related value	4,146,152,090	4,003,715,650
C Funded Position		
1 Overfunded (underfunded) PBO	(835,160,632)	(1,096,126,101)
2 PBO funded percentage	82.2%	75.6%
D Amounts in Accumulated Other Comprehensive Income		
1 Prior service cost (credit)	9,560,672	10,245,330
2 Net actuarial loss (gain)	2,062,287,969	1,955,167,746
3 Total	2,071,848,641	1,965,413,076
E Key Assumptions		
1 Discount rate	5.05%	5.60%
2 Cash balance crediting rate	5.25%	5.25%
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%
F Census Date	January 1, 2011	January 1, 2010

The results above may differ from the amounts disclosed in American Electric Power's 2010 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, 2011	December 31, 2010
A Pension Cost		
1 Service cost	71,900,761	109,179,598
2 Interest cost	233,244,647	248,990,578
3 Expected return on assets	(314,959,939)	(312,808,907)
4 Net prior service cost/(credit) amortization	684,658	684,658
5 Net loss/(gain) amortization	119,163,200	86,553,049
6 Net periodic pension cost/(income)	110,033,327	132,598,976
B Key Assumptions¹		
1 Discount rate	5.05%	5.60%
2 Rate of return on assets	7.75%	8.00%
3 Cash balance crediting rate	5.25%	5.25%
4 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, 2011	January 1, 2010

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, 2011	
Market-Related Value of Assets as of January 1, 2011			
1	Fair value of assets as of January 1, 2011		3,868,611,425
2	Deferred investment gains/(losses) for prior periods		
	Fiscal Year	Fiscal Year	Percent Deferred
			Deferred Amount
a	2010	(162,738,544)	80.000%
b	2009	(244,425,390)	60.000%
c	2008	1,394,612,021	40.000%
d	2007	(17,290,371)	20.000%
e	Total		277,540,665
3	Market-Related Value of Assets		4,146,152,090

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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, 2011	January 1, 2010
A Active Employees		
1 Number	18,141	20,895
2 Expected plan compensation for year beginning on the valuation date (limited by IRC §401(a)(17))	1,473,989,127	1,672,038,281
3 Average plan compensation	81,252	80,021
4 Average age	45.6	46.6
5 Average credited service	16.0	17.3
6 Total accrued benefits (cash balance)	1,466,039,423	1,932,980,239
7 Average accrued benefits (cash balance)	80,814	92,509
B Participants with Deferred Benefits		
1 Number	6,283	5,912
2 Total annual pension (non-cash balance)	37,386,914	49,348,157
3 Average annual pension (non-cash balance)	8,330	8,467
4 Total cash balance	177,760,083	77,788,598
5 Average cash balance	99,031	73,385
6 Average age	53.9	53.5

Age	Number	Annual benefit	Average annual benefit
Under 40	27	623,116	23,078
40-44	114	625,240	5,485
45-49	646	4,143,996	6,415
50-54	1,356	10,047,295	7,410
55-59	1,367	12,130,874	8,874
60-64	915	9,348,805	10,217
65 and over	63	465,588	7,390
Total	4,488	37,386,914	8,330

Age	Number	Cash balance	Average cash balance
Under 40	206	3,257,820	15,815
40-44	149	4,585,914	30,778
45-49	258	11,742,562	45,514
50-54	369	27,294,753	73,970
55-59	421	57,674,711	136,995
60-64	344	65,181,664	189,482
65 and over	48	8,022,659	167,139
Total	1,795	177,760,083	99,031

C Participants Receiving Benefits

1 Number	16,307	15,126
2 Total annual pension	240,652,753	203,109,656
3 Average annual pension	14,758	13,428
4 Average age	73.3	74.0

<i>Age</i>	<i>Number</i>	<i>Annual benefit</i>	<i>Average annual benefit</i>
Under 55	96	490,390	5,108
55-59	893	17,996,755	20,153
60-64	2,644	55,601,117	21,029
65-69	2,824	37,664,763	13,337
70-74	2,597	33,737,296	12,989
75-79	2,511	36,583,320	14,569
Over 79	4,742	58,579,113	12,353
Total	16,307	240,652,753	14,758

3.2 Participant Reconciliation

Participant Reconciliation				
	Active	Deferred Inactive	Currently Receiving Benefits	Total
1. Included in January 1, 2010 valuation	20,895	5,912	15,126	41,933
2. Change due to:				
a. New hire and rehire	706	(35)	(1)	670
b. Non-vested termination	(230)	0	0	(230)
c. Vested termination	(777)	777	0	0
d. Retirement	(1,295)	(302)	1,597	0
e. Disability	(91)	91	0	0
f. Death without beneficiary	(18)	(14)	(547)	(579)
g. Death with beneficiary	(5)	(10)	45	30
h. Cashout	(1,065)	(186)	0	(1,251)
i. Miscellaneous	21	50	87	158
j. Net change	(2,754)	371	1,181	(1,202)
3. Included in January 1, 2011 valuation	18,141	6,283	16,307	40,731

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				440	49,172	3,528	12									
25 to 29	6			1,047	62,795	5,737	335	69,391	12,398	7						
30 to 34	10			880	65,982	6,886	589	73,620	16,772	181	77,578	28,366	4			
35 to 39	13			727	70,342	8,304	592	78,892	21,544	390	82,315	36,180	103	85,494	48,801	
40 to 44	19			557	69,935	10,015	438	82,078	26,483	364	86,921	45,393	374	91,791	65,293	
45 to 49	15			393	72,692	11,546	389	82,746	31,361	354	85,850	52,278	315	81,499	71,278	
50 to 54	21	15,150	1,335	289	75,541	13,800	294	80,930	34,289	266	87,795	60,983	251	87,221	91,279	
55 to 59	5			188	70,920	13,378	170	86,746	43,025	141	87,890	69,020	148	83,144	102,296	
60 to 64	9			73	73,026	16,289	99	88,160	48,561	60	85,659	76,123	49	75,771	109,761	
65 to 69	4			8			16			12			7			
>70							5			4			1			

Note: Chart formatted to comply with instructions for Schedule SB of the 2011 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	3														
40 to 44	336	90,604	79,440	26	80,943	85,106									
45 to 49	789	92,301	99,609	790	89,150	123,127	114	83,371	137,990						
50 to 54	592	84,438	111,952	1,062	95,534	153,907	1,389	89,742	174,395	49	82,386	186,172			
55 to 59	289	85,937	132,543	455	90,745	175,132	797	94,384	212,747	336	90,595	235,785	15		
60 to 64	92	77,636	138,340	97	94,673	210,992	96	90,903	237,529	65	99,782	296,672	51	96,258	341,046
65 to 69	7			3			4						8		
>70				1									1		

Note: Chart formatted to comply with instructions for Schedule SB of the 2011 Form 5500.

Appendix A - Statement of Actuarial Assumptions and Methods

Actuarial Assumptions and Methods — Contributions

Economic Assumptions

Interest rate basis:

- ▶ Applicable month (published) October 2010
- ▶ Yield curve basis Segment rates

Funding interest rates:

- ▶ First segment rate 3.61%
- ▶ Second segment rate 6.20%
- ▶ Third segment rate 6.53%
- ▶ Effective interest rate 6.06%

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 5.25%
- ▶ Lump sum/annuity conversion rate October 2010 segment rates
- ▶ Future Social Security wage bases 4.00%
- ▶ Statutory limits on compensation N/A

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 2026 using Scale AA and (2) annuitants (based on RP-2000 "Healthy Annuitants" table without collar or amount adjustments, projected to 2018 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:

Representative Termination Rates

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

2011 base salary pay (Grandfathered) – estimated as 2010 base pay updated one year according to the salary increase assumption.

2011 expanded pay (Cash Balance) – sum of the following updated one year according to the salary increase assumption:

- (i) 2010 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.

At-risk assumptions

For at-risk calculations, 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.)
Actuarial value of assets	<p>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.</p> <p>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.</p>
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 downsizing or restructuring
Change in Assumptions and Methods Since Prior Valuation	<p>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 2009 to the segment rates as of October 2010.</p> <p>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.</p> <p>Assumed plan-related expenses of \$15,915,985 were added to the target normal cost.</p>
Data Sources	Towers Watson used participant and asset data as of January 1, 2011, supplied by AEP. Data were reviewed for reasonableness and consistency, but no audit was performed. Assumptions or estimates were made by Towers Watson actuaries when 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.

2. Assumptions and Methods for Pension Cost Purposes

Actuarial Assumptions and Methods — Pension Cost

Economic Assumptions

Discount rate		5.05%
Return on assets*		7.75%
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		5.25%
▶ Lump sum/annuity conversion rate		6.25%
▶ 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 2026 using Scale AA and (2) annuitants (based on RP-2000 "Healthy Annuitants" table without collar or amount adjustments, projected to 2018 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

Representative Termination Rates

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 2011 base salary pay (Grandfathered) – estimated as 2010 base pay updated one year according to the salary increase assumption.

2011 expanded pay (Cash Balance) – sum of the following updated one year according to the salary increase assumption:

- (i) 2010 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.

At-risk assumptions For at-risk calculations, 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 annuity 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

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 5.60% to 5.05%.</p> <p>The mortality table used to value the benefit obligations was updated from the RP2000 with projections to 2017 for annuitants and to 2025 for nonannuitants to RP2000 with projections to 2018 and 2025, respectively.</p> <p>The lump sum/annuity conversion rate was changed from 6.50% to 6.25%.</p> <p>The mortality table used for lump sum/annuity conversions was updated for an additional year of mortality improvements.</p>
Data Sources	<p>Towers Watson used participant and asset data as of January 1, 2011, supplied by AEP. Data were reviewed for reasonableness and consistency, but no audit was performed. Assumptions or estimates were made by Towers Watson actuaries when 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.</p>

Appendix B - Summary of Plan Provisions

Plan Provisions for Participants Covered by the Former East Retirement Plan

Plan provisions may not be the same for the Accounting and Funding valuations.

Effective Date	May 1, 1955. Restated effective January 1, 1997.
Recent Amendments	Executed as of December 23, 2009.
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 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	Sum of (1), (2) and (3): (1) 1.10% of Final Average Pay x Accredited Service up to 35 years (2) 0.50% of Final Average Pay Less Covered Compensation x Accredited Service up to 35 years (3) 1.33% of Final Average Pay x Accredited Service between 35 and 45 years Accruals for the grandfathered benefit ceased on December 31, 2010.
Long-term disability and paid leaves	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	For Grandfathered Employees, the better of: (1) The monthly grandfathered retirement benefit reduced by 3% per year for each year commencement precedes age 62, and (2) The Cash Balance Benefit determined as of the Early Retirement Date. For all other employees, the Cash Balance Benefit determined as of the Early Retirement Date.

Deferred vested retirement	The accrued Normal Retirement Benefit (better of Cash Balance and Grandfathered Benefits, if eligible), payable at Normal Retirement Date or actuarially reduced and payable at any age.
Disability	<p>The greater of (1) or (2):</p> <ol style="list-style-type: none">(1) Accrued Grandfathered Retirement Benefit reduced as in the Early Retirement Benefit. If retirement occurs prior to age 55, the benefit is further reduced actuarially from age 55. The Disability Retirement Benefit will reflect Accredited Service that accrued (at most recent rate of base earnings) to a member while receiving benefits under the Company's LTD plan.(2) The Cash Balance Benefit with continued Company Credits while disabled. <p>Benefit (1) applies for Grandfathered Employees only.</p>
Preretirement death	<p>Better of (1) or (2):</p> <ol style="list-style-type: none">(1) The grandfathered monthly benefit as if the employee commenced a 60% qualified joint and survivor benefit at his earliest retirement date(2) Annuity equivalent of Cash Balance account or the cash balance account. <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.

	<ul style="list-style-type: none"> — 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.
<ul style="list-style-type: none"> ■ Employees hired on or after January 1, 2001 	<p>The following are available for those hired on or after January 1, 2001:</p> <ul style="list-style-type: none"> ■ 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: <ul style="list-style-type: none"> — Single life annuity. — Joint annuities (spouse or other beneficiary). <ul style="list-style-type: none"> – Available in 50%, 75%, 100%.
Form of payment conversion for non-417(e) covered conversions	
<ul style="list-style-type: none"> ■ Cash balance ■ Grandfathered benefit 	<p>7.50% interest and the applicable 417(e) Mortality Table.</p> <p>7.50% interest and the 1974 George B. Buck Mortality Table.</p>
Pension Increases	None.
Plan Participants' Contributions	<p>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.</p>
Benefits not valued	<p>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.</p> <p>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.</p>
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.

Plan Provisions for Participants Covered by the Former West Retirement Plan

Plan provisions may not be the same for the Accounting and Funding valuations.

Effective Date	January 1940. Restated effective January 1, 1997.
Recent Amendments	Executed as of December 23, 2009
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	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.
Unpaid leave	No compensation for annual compensation credit. Vesting service continues.

Eligibility for Benefits

Normal retirement	All members at or after their Normal Retirement Date
Early retirement	Any time after attainment of age 55 and completion of five years of vesting
Postponed retirement	Retirement after NRD.
Vested	<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).

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

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

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

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

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Appendix C - Adjusted Funding Target Attainment Percentage (AFTAP)

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, 2011, 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 hereby certify that the plan's AFTAP for the plan year beginning January 1, 2011, is 81.57%. This percentage is based on the assumptions, participant data and plan provisions we relied upon to prepare the results shown in this report, reflects the valuation limitations discussed in this report 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, 2009, and January 1, 2010.

Funding Balances

- Our understanding is that AEP has not elected to reduce the plan's funding balance as of the first day of the 2011 plan year.
- Our understanding is that the plan is not subject to a deemed election to reduce the funding balance in 2011.
- Our understanding is that AEP has not elected to increase the funding balance as of the first day of the 2011 plan year.

Contributions

- Our understanding is that AEP has not made any employer contributions after December 31, 2010, and before March 31, 2011, for the 2010 plan year.
- The Actuarial Value of Assets shown in this report does not include contributions of \$75,000,000 made on May 27, 2011 and \$75,000,000 made on July 28, 2011, with a total discounted value of \$145,450,869 for the 2010 plan year since this is after the AFTAP certification date.

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 the Sponsor's letter dated March 28, 2011.

The development of AFTAP is show below:

All monetary amounts shown in US Dollars

Plan Year Beginning	January 1, 2011
Actuarial value of assets as of January 1, 2011 ¹	3,737,279,510
Funding standard carryover balance as of January 1, 2011 ²	329,758,066
Prefunding balance as of January 1, 2011 ²	0
Funding target as of January 1, 2011 (disregarding at-risk assumptions)	4,177,243,880
AVA/funding target (disregarding at-risk assumptions)	89.47%
Assets for AFTAP calculation ³	3,407,521,444
Annuity purchases for NHCEs during 2009 and 2010	0
Reflection of post valuation date events not previously reflected	
Increase in funding target (disregarding at-risk assumptions) for 2011 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)	4,177,243,880
Adjusted assets (includes NHCE annuity purchases and IRC §436 contributions)	3,407,521,444
Specific AFTAP	
Adjusted Funding Target Attainment Percentage (AFTAP)	81.57%

Notes

1. Reflects discounted contributions made for the 2010 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 2010 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, 2011, using 2011 effective interest rate.

Immediate Implications of AFTAP Certification

We believe that the certified AFTAP of 81.57% for the 2011 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 2011 AFTAP for Presumptions in 2012 Plan Year

Because the AFTAP for the 2011 plan year is at least 80% but less than 90%, the presumed AFTAP for the 2012 plan year would decline 10% on April 1, 2012, if the 2012 plan year AFTAP has not yet been certified. Based on our understanding of the application of IRC §436 to the American Electric Power System Retirement Plan, as described above, we believe this decline in presumed AFTAP would cause accelerated distributions to be partially restricted. AEP should confirm these effects with your ERISA counsel.

Note, however, that the adoption of plan amendments and/or payment of UCEBs may change this result.

Appendix D: Results by Business Unit

**American Electric Power
Qualified Retirement Plan**

Summary of Plan Participants for the 2011 Valuation

Location	Vested Actives	Non-Vested Actives	Total Actives	Retirees Receiving Benefits	Beneficiaries	Deferred Vesteds	Total Inactive	Total Participants
Appalachian Power Co - Distribution	954	84	1,038	1,179	406	377	1,962	3,000
Appalachian Power Co - Generation	851	118	969	752	218	190	1,160	2,129
Appalachian Power Co - Transmission	135	11	146	111	15	44	170	316
Appalachian Power Co. - FERC	1,940	213	2,153	2,042	639	611	3,292	5,445
Cedar Coal Co	0	0	0	70	31	11	112	112
Central Coal Company	0	0	0	0	0	0	0	0
Appalachian Power Co. - SEC	1,940	213	2,153	2,112	670	622	3,404	5,557
AEP Texas Central Company - Distribution	831	51	882	846	243	465	1,554	2,436
AEP Texas Central Company - Generation	1	0	1	88	62	206	356	357
AEP Texas Central Company - Transmission	91	17	108	80	33	66	179	287
AEP Texas Central Co.	923	68	991	1,014	338	737	2,089	3,080
Columbus Southern Power Co - Distribution	603	59	662	966	152	174	1,292	1,954
Columbus Southern Power Co - Generation	250	72	322	355	70	116	541	863
Columbus Southern Power Co - Transmission	37	8	45	78	24	15	117	162
Columbus Southern Power Co. - FERC	890	139	1,029	1,399	246	305	1,950	2,979
Conesville Coal Preparation Company	8	0	8	10	0	0	10	18
Columbus Southern Power Co. - SEC	898	139	1,037	1,409	246	305	1,960	2,997
Indiana Michigan Power Co - Distribution	578	58	636	713	257	178	1,148	1,784
Indiana Michigan Power Co - Generation	370	24	394	290	82	188	560	954
Indiana Michigan Power Co - Nuclear	937	210	1,147	318	58	361	737	1,884
Indiana Michigan Power Co - Transmission	120	11	131	100	12	25	137	268
Ind Mich River Transp Lakin	251	57	308	109	38	53	200	508
Indiana Michigan Power Co. - FERC	2,256	360	2,616	1,530	447	805	2,782	5,398
Price River Coal	0	0	0	11	2	6	19	19
Indiana Michigan Power Co. - SEC	2,256	360	2,616	1,541	449	811	2,801	5,417
Kentucky Power Co - Distribution	236	7	243	191	68	106	365	608
Kentucky Power Co - Generation	110	19	129	89	24	32	145	274
Kentucky Power Co - Transmission	41	0	41	10	0	5	15	56
Kentucky Power Co.	387	26	413	290	92	143	525	938
Cardinal Operating Company	235	54	289	176	54	43	273	562
Cook Coal Terminal	16	0	16	9	1	1	11	27
Ohio Power Co - Distribution	713	58	771	903	288	228	1,419	2,190
Ohio Power Co - Generation	670	76	746	734	190	214	1,138	1,884
Ohio Power Co - Transmission	174	13	187	127	36	33	196	383
Central Ohio Coal	0	0	0	60	16	30	106	106
Southern Ohio Coal - Martinka	0	0	0	64	14	51	129	129
Southern Ohio Coal - Meigs	0	0	0	63	33	16	112	112
Windsor	0	0	0	27	8	11	46	46
Ohio Power Co.	1,808	201	2,009	2,163	640	627	3,430	5,439

**American Electric Power
Qualified Retirement Plan**

Summary of Plan Participants for the 2011 Valuation

Location	Vested Actives	Non-Vested Actives	Total Actives	Retirees Receiving Benefits	Beneficiaries	Deferred Vesteds	Total Inactives	Total Participants
Public Service Co of Oklahoma - Distribution	628	51	679	481	196	238	915	1,594
Public Service Co of Oklahoma - Generation	338	24	362	180	79	94	353	715
Public Service Co of Oklahoma - Transmission	66	12	78	57	17	26	100	178
Public Service Co. of Oklahoma	1,032	87	1,119	718	292	358	1,368	2,487
Southwestern Electric Power Co - Distribution	506	31	537	198	99	97	394	931
Southwestern Electric Power Co - Generation	448	49	497	198	90	85	373	870
Southwestern Electric Power Co - Texas - Distribution	219	12	231	165	38	78	281	512
Southwestern Electric Power Co - Texas - Transmission	0	0	0	3	4	4	11	11
Southwestern Electric Power Co - Transmission	65	9	74	34	11	15	60	134
Southwestern Electric Power Co.	1,238	101	1,339	598	242	279	1,119	2,458
AEP Texas North Company - Distribution	250	7	257	184	83	124	391	648
AEP Texas North Company - Generation	0	0	0	117	50	56	223	223
AEP Texas North Company - Transmission	48	9	57	26	11	8	45	102
AEP Texas North Co.	298	16	314	327	144	188	659	973
Kingsport Power Co - Distribution	36	3	39	45	19	22	86	125
Kingsport Power Co - Transmission	10	2	12	8	1	0	9	21
Kingsport Power Co.	46	5	51	53	20	22	95	146
Wheeling Power Co - Distribution	47	5	52	60	28	9	97	149
Wheeling Power Co - Transmission	0	0	0	4	9	1	14	14
Wheeling Power Co.	47	5	52	64	37	10	111	163
AEP Energy Services, Inc.	0	0	0	4	0	38	42	42
AEP T & D Services, LLC	0	0	0	0	0	0	0	0
American Electric Power Service Corporation	4,547	529	5,076	2,393	432	1,973	4,798	9,874
C3 Communications, Inc.	0	0	0	0	0	14	14	14
AEP Texas Central Company - Nuclear	0	0	0	0	0	0	0	0
EnerShop Inc.	0	0	0	0	0	0	0	0
Houston Pipeline (HPL)	0	0	0	2	0	33	35	35
American Electric Power Service Corp	4,547	529	5,076	2,399	432	2,058	4,889	9,965
AEP Pro Serv, Inc.	0	0	0	1	0	2	3	3
CSW Energy, Inc.	19	0	19	5	0	21	26	45
Elmwood	103	18	121	4	0	11	15	136
AEP River Operations LLC	647	184	831	7	0	89	96	927
Miscellaneous	769	202	971	17	0	123	140	1,111
Total	16,189	1,952	18,141	12,705	3,602	6,283	22,590	40,731

**American Electric Power
Qualified Retirement Plan**

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Funded Status of Present Value of Accumulated Plan Benefits (ASC 960) as of January 1, 2011

<i>Location</i>	<i>Present Value of Vested Benefits</i>	<i>Present Value of Non-Vested Benefits</i>	<i>Present Value of Accumulated Plan Benefits</i>	<i>Market Value of Assets</i>	<i>Percent Funded</i>
Appalachian Power Co - Distribution	\$252,479,451	\$1,949,750	\$254,429,201	\$268,542,225	105.5%
Appalachian Power Co - Generation	205,175,762	2,358,393	207,534,155	223,862,155	107.9%
Appalachian Power Co - Transmission	37,098,240	269,630	37,367,870	38,364,058	102.7%
Appalachian Power Co. - FERC	\$494,753,453	\$4,577,773	\$499,331,226	\$530,768,438	106.3%
Cedar Coal Co	2,656,393	0	2,656,393	2,977,469	112.1%
Central Coal Company	0	0	0	0	0.0%
Appalachian Power Co. - SEC	\$497,409,846	\$4,577,773	\$501,987,619	\$533,745,907	106.3%
AEP Texas Central Company - Distribution	\$212,644,187	\$773,405	\$213,417,592	\$219,184,492	102.7%
AEP Texas Central Company - Generation	20,331,251	0	20,331,251	35,231,044	173.3%
AEP Texas Central Company - Transmission	23,294,838	102,461	23,397,299	23,869,581	102.0%
AEP Texas Central Co.	256,270,276	875,866	257,146,142	278,285,117	108.2%
Columbus Southern Power Co - Distribution	\$170,552,957	\$961,231	\$171,514,188	\$183,228,596	106.8%
Columbus Southern Power Co - Generation	81,178,806	1,001,320	82,180,126	87,941,308	107.0%
Columbus Southern Power Co - Transmission	16,910,140	139,167	17,049,307	17,554,173	103.0%
Columbus Southern Power Co. - FERC	\$268,641,903	\$2,101,718	\$270,743,621	\$288,724,077	106.6%
Conesville Coal Preparation Company	3,159,114	59,884	3,218,998	3,416,205	106.1%
Columbus Southern Power Co. - SEC	\$271,801,017	\$2,161,602	\$273,962,619	\$292,140,282	106.6%
Indiana Michigan Power Co - Distribution	\$135,230,748	\$1,394,999	\$136,625,747	\$140,793,499	103.1%
Indiana Michigan Power Co - Generation	82,862,372	1,249,129	84,111,501	91,223,625	108.5%
Indiana Michigan Power Co - Nuclear	144,534,649	2,701,943	147,236,592	178,225,481	121.0%
Indiana Michigan Power Co - Transmission	28,100,645	312,983	28,413,628	29,679,628	104.5%
Ind Mich River Transp Lakin	22,455,576	800,244	23,255,820	29,857,573	128.4%
Indiana Michigan Power Co. - FERC	\$413,183,990	\$6,459,298	\$419,643,288	\$469,779,806	111.9%
Price River Coal	326,555	0	326,555	464,309	142.2%
Indiana Michigan Power Co. - SEC	\$413,510,545	\$6,459,298	\$419,969,843	\$470,244,115	112.0%
Kentucky Power Co - Distribution	\$55,319,160	\$548,138	\$55,867,298	\$59,256,543	106.1%
Kentucky Power Co - Generation	25,970,556	297,163	26,267,719	27,940,703	106.4%
Kentucky Power Co - Transmission	5,616,717	56,315	5,673,032	6,592,285	116.2%
Kentucky Power Co.	\$86,906,433	\$901,616	\$87,808,049	\$93,789,531	106.8%
Cardinal Operating Company	\$56,473,352	\$767,682	\$57,241,034	\$53,709,977	93.8%
Cook Coal Terminal	2,356,807	5,685	2,362,492	2,944,174	124.6%
Ohio Power Co - Distribution	179,374,231	1,064,580	180,438,811	187,501,811	103.9%
Ohio Power Co - Generation	181,625,650	1,672,374	183,298,024	223,986,179	122.2%
Ohio Power Co - Transmission	40,447,655	248,307	40,695,962	42,634,983	104.8%
Central Ohio Coal	7,019,441	0	7,019,441	9,952,351	141.8%
Southern Ohio Coal - Martinka	5,438,726	0	5,438,726	7,438,734	136.8%
Southern Ohio Coal - Meigs	8,233,402	0	8,233,402	11,163,917	135.6%
Windsor	2,499,297	0	2,499,297	3,793,152	151.8%
Ohio Power Co.	\$483,468,561	\$3,758,628	\$487,227,189	\$543,125,278	111.5%

**American Electric Power
Qualified Retirement Plan**

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Funded Status of Present Value of Accumulated Plan Benefits (ASC 960) as of January 1, 2011

<i>Location</i>	<i>Present Value of Vested Benefits</i>	<i>Present Value of Non-Vested Benefits</i>	<i>Present Value of Accumulated Plan Benefits</i>	<i>Market Value of Assets</i>	<i>Percent Funded</i>
Public Service Co of Oklahoma - Distribution	\$128,592,853	\$478,821	\$129,071,674	\$135,778,385	105.2%
Public Service Co of Oklahoma - Generation	61,184,438	359,115	61,543,553	70,611,895	114.7%
Public Service Co of Oklahoma - Transmission	15,889,805	131,617	16,021,422	16,438,738	102.6%
Public Service Co. of Oklahoma	\$205,667,096	\$969,553	\$206,636,649	\$222,829,018	107.8%
Southwestern Electric Power Co - Distribution	\$72,682,403	\$390,362	\$73,072,765	\$83,969,250	114.9%
Southwestern Electric Power Co - Generation	79,318,121	694,983	80,013,104	89,240,920	111.5%
Southwestern Electric Power Co - Texas - Distribution	41,347,376	180,287	41,527,663	45,665,614	110.0%
Southwestern Electric Power Co - Texas - Transmission	454,478	0	454,478	490,437	107.9%
Southwestern Electric Power Co - Transmission	11,515,151	73,943	11,589,094	15,158,785	130.8%
Southwestern Electric Power Co.	\$205,317,529	\$1,339,575	\$206,657,104	\$234,525,006	113.5%
AEP Texas North Company - Distribution	\$52,832,801	\$235,078	\$53,067,879	\$56,995,460	107.4%
AEP Texas North Company - Generation	19,893,732	0	19,893,732	24,213,848	121.7%
AEP Texas North Company - Transmission	7,738,986	62,757	7,801,743	8,648,804	110.9%
AEP Texas North Co.	\$80,465,519	\$297,835	\$80,763,354	\$89,858,112	111.3%
Kingsport Power Co - Distribution	\$9,891,008	\$104,539	\$9,995,547	\$10,527,113	105.3%
Kingsport Power Co - Transmission	2,769,301	10,310	2,779,611	2,600,636	93.6%
Kingsport Power Co.	\$12,660,309	\$114,849	\$12,775,158	\$13,127,749	102.8%
Wheeling Power Co - Distribution	\$12,349,930	\$46,020	\$12,395,950	\$13,868,942	111.9%
Wheeling Power Co - Transmission	853,904	0	853,904	1,002,344	117.4%
Wheeling Power Co.	\$13,203,834	\$46,020	\$13,249,854	\$14,871,286	112.2%
AEP Energy Services, Inc.	\$1,520,864	\$0	\$1,520,864	\$517,823	34.0%
AEP T & D Services, LLC	0	0	0	0	0.0%
American Electric Power Service Corporation	1,011,332,435	18,765,558	1,030,097,993	1,203,454,351	116.8%
C3 Communications, Inc.	617,863	0	617,863	897,468	145.3%
AEP Texas Central Company - Nuclear	0	0	0	0	0.0%
EnerShop Inc.	0	0	0	0	0.0%
Houston Pipeline (HPL)	733,677	0	733,677	2,914,516	397.2%
American Electric Power Service Corp	\$1,014,204,839	\$18,765,558	\$1,032,970,397	\$1,207,784,158	116.9%
AEP Pro Serv, Inc.	\$826,957	\$0	\$826,957	\$877,974	106.2%
CSW Energy, Inc.	3,127,130	17,016	3,144,146	2,714,083	86.3%
Elmwood	1,771,703	76,574	1,848,277	2,175,163	117.7%
AEP River Operations LLC	14,445,842	700,353	15,146,195	18,518,646	122.3%
Miscellaneous	\$20,171,632	\$793,943	\$20,965,575	\$24,285,866	115.8%
Total	\$3,561,057,436	\$41,062,116	\$3,602,119,552	\$4,018,611,425	111.6%

**American Electric Power
Qualified Retirement Plan**

Summary of FASB ASC 715-30 Valuation Results as of January 1, 2011

Location	Valuation Earnings	Market-Related Value of Assets	Fair Value of Assets	Accumulated Benefit Obligation	Projected Benefit Obligation	January 1, 2011 Pre-Tax AOCI
Appalachian Power Co - Distribution	\$79,100,484	\$277,065,083	\$258,518,531	\$326,981,716	\$329,522,786	\$155,460,216
Appalachian Power Co - Generation	76,355,498	230,966,979	215,506,203	268,953,977	271,533,287	115,340,036
Appalachian Power Co - Transmission	11,750,350	39,581,637	36,932,069	49,164,627	49,484,615	19,052,526
Appalachian Power Co. - FERC	\$167,206,332	\$547,613,699	\$510,956,803	\$645,100,320	\$650,540,688	\$289,852,778
Cedar Coal Co	0	3,071,966	2,866,330	3,228,369	3,228,369	3,849,859
Central Coal Company	0	0	0	0	0	3,979
Appalachian Power Co. - SEC	\$167,206,332	\$550,685,665	\$513,823,133	\$648,328,689	\$653,769,057	\$293,706,616
AEP Texas Central Company - Distribution	\$65,374,404	\$226,140,859	\$211,003,140	\$268,509,803	\$272,437,010	\$163,510,219
AEP Texas Central Company - Generation	65,464	36,349,189	33,915,998	27,347,545	27,353,524	(6,562,474)
AEP Texas Central Company - Transmission	8,506,520	24,627,142	22,978,617	29,637,496	30,137,039	20,301,307
AEP Texas Central Co.	\$73,946,388	\$287,117,190	\$267,897,755	\$325,494,844	\$329,927,573	\$177,249,052
Columbus Southern Power Co - Distribution	\$45,653,832	\$189,043,813	\$176,389,346	\$214,744,246	\$217,819,726	\$127,765,214
Columbus Southern Power Co - Generation	25,151,320	90,732,345	84,658,782	104,532,967	105,308,541	52,825,489
Columbus Southern Power Co - Transmission	3,405,268	18,111,299	16,898,941	21,369,656	21,582,590	14,109,115
Columbus Southern Power Co. - FERC	\$74,210,420	\$297,887,457	\$277,947,069	\$340,646,869	\$344,710,857	\$194,699,818
Conesville Coal Preparation Company	711,882	3,524,627	3,288,690	4,160,059	4,212,693	1,478,131
Columbus Southern Power Co. - SEC	\$74,922,302	\$301,412,084	\$281,235,759	\$344,806,928	\$348,923,550	\$196,177,949
Indiana Michigan Power Co - Distribution	\$47,351,723	\$145,261,932	\$135,538,195	\$173,468,029	\$175,669,887	\$81,223,560
Indiana Michigan Power Co - Generation	32,467,192	94,118,834	87,818,581	110,179,191	110,812,630	41,415,851
Indiana Michigan Power Co - Nuclear	106,519,802	183,881,912	171,572,979	197,285,736	201,564,904	59,467,776
Indiana Michigan Power Co - Transmission	10,317,122	30,621,585	28,571,796	36,835,985	37,321,035	15,072,586
Ind Mich River Transp Lakin	19,755,811	30,805,178	28,743,100	30,811,572	32,232,922	9,699,493
Indiana Michigan Power Co. - FERC	\$216,411,650	\$484,689,441	\$452,244,651	\$548,580,513	\$557,601,378	\$206,879,266
Price River Coal	0	479,045	446,978	411,255	411,255	340,862
Indiana Michigan Power Co. - SEC	\$216,411,650	\$485,168,486	\$452,691,629	\$548,991,768	\$558,012,633	\$207,220,128
Kentucky Power Co - Distribution	\$18,663,264	\$61,137,197	\$57,044,713	\$73,013,576	\$73,515,512	\$28,356,741
Kentucky Power Co - Generation	10,310,547	28,827,471	26,897,779	34,844,112	35,117,879	13,490,971
Kentucky Power Co - Transmission	3,276,506	6,801,508	6,346,220	7,722,599	7,851,021	2,372,464
Kentucky Power Co.	\$32,250,317	\$96,766,176	\$90,288,712	\$115,580,287	\$116,484,412	\$44,220,176
Cardinal Operating Company	\$22,612,091	\$55,414,597	\$51,705,180	\$74,003,860	\$74,674,869	\$22,969,689
Cook Coal Terminal	1,387,263	3,037,615	2,834,279	3,042,209	3,169,754	942,938
Ohio Power Co - Distribution	54,692,789	193,452,649	180,503,057	228,906,777	231,527,626	119,868,779
Ohio Power Co - Generation	58,549,907	231,094,940	215,625,598	236,671,281	238,728,597	127,869,961
Ohio Power Co - Transmission	14,222,479	43,988,111	41,043,576	52,464,035	53,048,411	25,229,229
Central Ohio Coal	0	10,268,214	9,580,867	8,654,709	8,654,709	(926,158)
Southern Ohio Coal - Martinka	0	7,674,821	7,161,074	7,066,444	7,066,444	(94,630)
Southern Ohio Coal - Meigs	0	11,518,232	10,747,209	10,008,503	10,008,503	(738,706)
Windsor	0	3,913,537	3,651,567	3,167,196	3,167,196	(484,371)
Ohio Power Co.	\$151,464,529	\$560,362,716	\$522,852,407	\$623,985,014	\$630,046,109	\$294,636,731

**American Electric Power
Qualified Retirement Plan**

Summary of FASB ASC 715-30 Valuation Results as of January 1, 2011

<i>Location</i>	<i>Valuation Earnings</i>	<i>Market-Related Value of Assets</i>	<i>Fair Value of Assets</i>	<i>Accumulated Benefit Obligation</i>	<i>Projected Benefit Obligation</i>	<i>January 1, 2011 Pre-Tax AOCI</i>
Public Service Co of Oklahoma - Distribution	\$51,714,596	\$140,087,651	\$130,710,277	\$162,342,012	\$165,936,433	\$86,583,001
Public Service Co of Oklahoma - Generation	29,835,427	72,852,940	67,976,212	76,949,144	78,534,322	33,373,810
Public Service Co of Oklahoma - Transmission	6,507,768	16,960,462	15,825,140	20,081,987	20,482,653	10,232,657
Public Service Co. of Oklahoma	\$88,057,791	\$229,901,053	\$214,511,629	\$259,373,143	\$264,953,408	\$130,189,468
Southwestern Electric Power Co - Distribution	\$35,232,507	\$86,634,224	\$80,834,987	\$91,894,186	\$94,011,225	\$49,671,284
Southwestern Electric Power Co - Generation	40,156,426	92,073,203	85,909,884	100,617,715	102,423,141	45,953,819
Southwestern Electric Power Co - Texas - Distribution	17,122,348	47,114,926	43,961,084	52,226,566	53,285,326	26,321,267
Southwestern Electric Power Co - Texas - Transmission	0	506,002	472,131	600,467	600,467	929,115
Southwestern Electric Power Co - Transmission	6,071,744	15,639,887	14,592,963	14,591,908	14,914,891	5,875,469
Southwestern Electric Power Co.	\$98,583,025	\$241,968,242	\$225,771,049	\$259,930,842	\$265,235,050	\$128,750,954
AEP Texas North Company - Distribution	\$19,536,161	\$58,804,353	\$54,868,029	\$66,570,993	\$67,394,159	\$37,310,617
AEP Texas North Company - Generation	0	24,982,335	23,310,034	24,653,901	24,653,901	19,510,291
AEP Texas North Company - Transmission	4,573,287	8,923,295	8,325,976	9,847,774	10,194,437	5,394,264
AEP Texas North Co.	\$24,109,448	\$92,709,983	\$86,504,039	\$101,072,668	\$102,242,497	\$62,215,172
Kingsport Power Co - Distribution	\$2,778,143	\$10,861,217	\$10,134,174	\$12,787,233	\$12,868,484	\$6,381,938
Kingsport Power Co - Transmission	894,909	2,683,174	2,503,564	3,548,238	3,590,696	1,647,244
Kingsport Power Co.	\$3,673,052	\$13,544,391	\$12,637,738	\$16,335,471	\$16,459,180	\$8,029,182
Wheeling Power Co - Distribution	\$3,788,297	\$14,309,107	\$13,351,265	\$15,755,386	\$15,882,439	\$8,464,077
Wheeling Power Co - Transmission	0	1,034,156	964,931	1,015,155	1,015,155	829,700
Wheeling Power Co.	\$3,788,297	\$15,343,263	\$14,316,196	\$16,770,541	\$16,897,594	\$9,293,777
AEP Energy Services, Inc.	\$0	\$534,257	\$498,494	\$2,008,022	\$2,008,022	\$1,509,528
AEP T & D Services, LLC	0	0	0	0	0	(622)
American Electric Power Service Corporation	473,768,898	1,241,648,980	1,158,533,826	1,338,946,938	1,364,563,196	510,962,873
C3 Communications, Inc.	0	925,951	863,968	936,469	936,469	72,501
AEP Texas Central Company - Nuclear	0	0	0	0	0	0
EnerShop Inc.	0	0	0	0	0	0
Houston Pipeline (HPL)	0	3,007,015	2,805,727	956,566	956,566	(1,849,161)
American Electric Power Service Corp	\$473,768,898	\$1,246,116,203	\$1,162,702,015	\$1,342,847,995	\$1,368,464,253	\$510,695,119
AEP Pro Serv, Inc.	\$0	\$905,839	\$845,203	\$1,095,460	\$1,095,460	\$151,583
CSW Energy, Inc.	2,326,624	2,800,221	2,612,776	4,293,464	4,502,055	5,012,441
Elmwood	5,656,750	2,244,197	2,093,972	2,525,313	2,789,843	680,314
AEP River Operations LLC	57,823,724	19,106,381	17,827,413	20,465,365	23,969,383	3,619,979
Miscellaneous	\$65,807,098	\$25,056,638	\$23,379,364	\$28,379,602	\$32,356,741	\$9,464,317
Total	\$1,473,989,127	\$4,146,152,090	\$3,868,611,425	\$4,631,897,792	\$4,703,772,057	\$2,071,848,641

American Electric Power
Qualified Retirement Plan
 10-Year Pension Cost Forecast

ASC 715-30

Location	Cost	Estimated Net Periodic Pension Cost									
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Appalachian Power Co - Distribution	\$7,502,798	\$8,791,981	\$9,753,688	\$7,420,794	\$5,736,552	\$5,281,092	\$5,028,154	\$4,775,624	\$4,750,539	\$4,775,262	\$4,777,478
Appalachian Power Co - Generation	6,408,643	7,016,421	7,983,309	6,215,278	5,210,228	4,814,802	4,626,073	4,416,079	4,394,474	4,415,464	4,549,874
Appalachian Power Co - Transmission	1,200,529	1,310,137	1,410,771	1,020,904	775,179	701,665	631,488	581,146	568,981	582,415	588,438
Appalachian Power Co. - FERC	\$15,111,970	\$17,118,539	\$19,147,768	\$14,656,976	\$11,721,959	\$10,797,559	\$10,285,715	\$9,772,849	\$9,713,994	\$9,773,141	\$9,915,790
Cedar Coal Co	15,080	31,067	39,726	14,164	(5,064)	(8,544)	(11,820)	(14,798)	(17,569)	(19,982)	(23,357)
Central Coal Company	0	0	0	0	0	0	0	0	0	0	0
Appalachian Power Co. - SEC	\$15,127,050	\$17,149,606	\$19,187,494	\$14,671,140	\$11,716,895	\$10,789,015	\$10,273,895	\$9,758,051	\$9,696,425	\$9,753,159	\$9,892,433
AEP Texas Central Company - Distribution	6,533,354	7,916,098	10,214,286	8,185,058	6,461,670	6,362,253	6,157,668	6,240,897	6,379,782	6,582,851	6,913,558
AEP Texas Central Company - Generation	(731,740)	(713,118)	(661,064)	(971,229)	(1,101,496)	(1,228,758)	(1,392,612)	(1,515,043)	(1,698,298)	(1,897,779)	(2,091,704)
AEP Texas Central Company - Transmission	841,887	1,047,142	1,304,091	1,070,432	842,478	814,807	784,508	780,690	783,272	795,220	811,539
AEP Texas Central Co.	\$6,643,501	\$8,284,122	\$10,857,313	\$8,284,261	\$6,202,652	\$5,948,302	\$5,549,564	\$5,506,544	\$5,464,756	\$5,480,292	\$5,633,393
Columbus Southern Power Co - Distribution	4,427,878	5,533,037	6,233,358	4,689,990	3,544,343	3,414,492	3,314,488	3,220,519	3,174,834	3,210,516	3,281,535
Columbus Southern Power Co - Generation	2,201,811	2,533,429	2,813,478	2,116,334	1,770,281	1,687,962	1,658,479	1,603,530	1,612,105	1,654,095	1,688,043
Columbus Southern Power Co - Transmission	410,664	498,317	552,479	386,612	256,522	233,603	217,051	200,671	191,178	209,581	217,333
Columbus Southern Power Co. - FERC	\$7,040,353	\$8,564,783	\$9,599,315	\$7,192,936	\$5,571,146	\$5,336,057	\$5,190,018	\$5,024,720	\$4,978,117	\$5,074,192	\$5,186,911
Conesville Coal Preparation Company	72,554	71,340	88,486	61,373	45,138	38,858	32,997	27,188	23,029	21,249	19,946
Columbus Southern Power Co. - SEC	7,112,907	8,636,123	9,687,801	7,254,309	5,616,284	5,374,915	5,223,015	5,051,908	5,001,146	5,095,441	5,206,857
Indiana Michigan Power Co - Distribution	4,265,997	4,909,534	5,543,546	4,411,245	3,549,417	3,408,456	3,356,925	3,253,781	3,266,765	3,272,696	3,321,422
Indiana Michigan Power Co - Generation	2,650,376	2,945,183	3,289,980	2,498,000	2,028,439	1,803,158	1,657,725	1,559,215	1,511,801	1,501,296	1,516,722
Indiana Michigan Power Co - Nuclear	6,376,777	6,610,016	7,551,020	6,720,126	6,562,857	6,285,279	6,031,137	5,945,649	5,912,301	6,027,542	6,283,889
Indiana Michigan Power Co - Transmission	925,230	1,024,036	1,128,275	864,151	688,801	632,683	660,929	631,424	622,064	621,633	626,581
Ind Mich River Transp Lakin	957,340	978,654	1,161,434	1,031,701	1,002,031	964,838	942,880	922,977	924,947	938,839	977,680
Indiana Michigan Power Co. - FERC	15,175,720	16,467,423	18,674,255	15,525,223	13,831,545	13,094,414	12,649,596	12,313,046	12,237,878	12,362,006	12,726,294
Price River Coal	(4,761)	(3,867)	(2,549)	(5,455)	(6,174)	(7,299)	(8,464)	(9,599)	(10,706)	(11,868)	(13,200)
Indiana Michigan Power Co. - SEC	15,170,959	16,463,556	18,671,706	15,519,768	13,825,371	13,087,115	12,641,132	12,303,447	12,227,172	12,350,138	12,713,094
Kentucky Power Co - Distribution	1,712,259	1,956,883	2,153,225	1,609,542	1,251,761	1,119,885	1,063,061	992,449	958,243	945,444	947,312
Kentucky Power Co - Generation	947,372	1,051,669	1,133,036	868,234	697,306	629,682	582,428	542,863	529,544	529,319	558,839
Kentucky Power Co - Transmission	234,982	239,599	267,753	217,254	205,560	190,470	177,573	165,561	164,449	165,361	166,578
Kentucky Power Co.	2,894,613	3,248,151	3,554,014	2,695,030	2,154,627	1,940,037	1,823,062	1,700,873	1,652,236	1,640,124	1,672,729
Cardinal Operating Company	2,430,518	2,564,891	2,772,313	2,250,745	1,788,536	1,700,896	1,685,362	1,683,818	1,717,779	1,759,597	1,867,157
Cook Coal Terminal	85,922	88,998	106,008	94,266	94,250	91,832	91,670	93,004	95,154	98,720	118,166
Ohio Power Co - Distribution	5,454,997	6,348,981	7,123,765	5,616,096	4,509,294	4,302,609	4,195,768	4,058,983	4,022,581	4,102,893	4,130,465
Ohio Power Co - Generation	3,301,183	4,180,782	5,117,842	3,550,255	3,420,307	3,189,189	2,937,146	2,721,259	2,665,547	2,585,344	2,523,884
Ohio Power Co - Transmission	1,312,139	1,454,452	1,604,077	1,268,410	1,063,607	981,698	929,119	887,830	871,547	869,542	893,147
Central Ohio Coal	(124,663)	(89,102)	(49,551)	(103,342)	(113,780)	(134,652)	(137,896)	(159,909)	(183,393)	(208,377)	(235,065)
Southern Ohio Coal - Martinka	(50,919)	(34,191)	(17,185)	(71,843)	(89,127)	(112,967)	(136,835)	(159,685)	(181,510)	(202,701)	(224,460)
Southern Ohio Coal - Meigs	(115,620)	(78,160)	(40,353)	(104,213)	(118,590)	(122,454)	(104,079)	(127,929)	(124,770)	(147,982)	(174,152)
Windsor	(56,727)	(47,264)	(34,169)	(57,858)	(64,866)	(76,733)	(89,126)	(101,509)	(113,151)	(124,167)	(136,700)
Ohio Power Co.	12,236,830	14,389,387	16,582,747	12,442,516	10,489,631	9,819,418	9,371,129	8,895,862	8,769,784	8,732,869	8,762,442

**American Electric Power
Qualified Retirement Plan
10-Year Pension Cost Forecast**

	ASC 715-30										
	Cost 2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
		<i>Estimated Net Periodic Pension Cost</i>									
Public Service Co of Oklahoma - Distribution	\$4,529,864	\$5,490,618	\$6,893,739	\$5,706,834	\$4,869,389	\$4,832,286	\$4,742,151	\$4,823,220	\$4,981,383	\$5,182,797	\$5,462,347
Public Service Co of Oklahoma - Generation	2,147,283	2,552,365	3,259,723	2,841,335	2,785,535	2,859,410	2,855,366	2,940,802	3,078,688	3,238,405	3,448,790
Public Service Co of Oklahoma - Transmission	599,669	700,051	863,575	727,957	604,954	590,453	583,581	611,458	627,700	652,517	679,850
Public Service Co. of Oklahoma	\$7,276,816	\$8,743,034	\$11,017,037	\$9,276,126	\$8,259,878	\$8,282,149	\$8,181,098	\$8,375,480	\$8,687,771	\$9,073,719	\$9,590,987
Southwestern Electric Power Co - Distribution	\$2,559,675	\$3,009,660	\$3,888,119	\$3,357,747	\$3,314,035	\$3,347,261	\$3,334,412	\$3,420,333	\$3,586,650	\$3,757,984	\$3,953,080
Southwestern Electric Power Co - Generation	3,128,526	3,670,710	4,547,439	3,941,744	3,711,270	3,747,841	3,726,786	3,840,479	3,999,782	4,242,139	4,465,759
Southwestern Electric Power Co - Texas - Distribution	1,416,765	1,714,265	2,144,660	1,796,909	1,589,468	1,590,515	1,547,203	1,608,653	1,675,221	1,735,787	1,820,589
Southwestern Electric Power Co - Texas - Transmission	3,684	6,198	9,487	3,735	(455)	(2,084)	(3,830)	(5,388)	(6,744)	(8,157)	(9,768)
Southwestern Electric Power Co - Transmission	281,036	325,660	478,502	431,215	434,463	470,563	460,365	463,492	475,325	483,518	522,923
Southwestern Electric Power Co.	\$7,389,686	\$8,726,493	\$11,068,207	\$9,531,350	\$9,048,781	\$9,154,096	\$9,064,936	\$9,327,569	\$9,730,234	\$10,211,271	\$10,752,583
AEP Texas North Company - Distribution	\$1,770,582	\$2,149,003	\$2,675,091	\$2,229,732	\$1,966,923	\$1,952,717	\$1,937,384	\$1,989,733	\$2,060,485	\$2,204,511	\$2,361,738
AEP Texas North Company - Generation	(226,137)	(98,832)	139,339	(71,734)	(131,627)	(172,411)	(199,182)	(238,661)	(279,323)	(319,034)	(362,390)
AEP Texas North Company - Transmission	353,254	405,501	485,150	418,513	401,082	415,571	416,050	426,980	457,556	485,722	520,128
AEP Texas North Co.	\$1,897,699	\$2,455,672	\$3,299,580	\$2,576,511	\$2,236,378	\$2,195,877	\$2,154,252	\$2,178,052	\$2,238,718	\$2,371,199	\$2,519,476
Kingsport Power Co - Distribution	\$272,893	\$317,053	\$349,757	\$281,182	\$235,773	\$216,650	\$203,068	\$189,886	\$184,655	\$181,904	\$178,639
Kingsport Power Co - Transmission	95,923	102,045	113,423	89,280	68,438	66,712	65,314	63,654	64,120	65,851	67,175
Kingsport Power Co.	\$368,816	\$419,098	\$463,180	\$370,462	\$304,211	\$283,362	\$268,382	\$253,540	\$248,775	\$247,755	\$245,814
Wheeling Power Co - Distribution	\$320,966	\$394,193	\$458,364	\$346,396	\$270,677	\$254,902	\$242,115	\$229,665	\$227,314	\$229,203	\$229,433
Wheeling Power Co - Transmission	(1,390)	5,226	9,872	2,998	(2,037)	(2,444)	(3,077)	(3,930)	(5,042)	(5,997)	(6,986)
Wheeling Power Co.	\$319,576	\$399,419	\$468,236	\$349,394	\$268,640	\$252,458	\$239,038	\$225,735	\$222,272	\$223,206	\$222,447
AEP Energy Services, Inc.	\$109,393	\$101,103	\$92,417	\$68,391	\$33,639	\$23,694	\$18,810	\$27,149	\$18,179	\$13,089	\$30,706
AEP T & D Services, LLC	0	0	0	0	0	0	0	0	0	0	0
American Electric Power Service Corporation	29,080,548	30,360,696	37,728,980	30,161,229	29,617,965	28,234,428	26,799,193	25,856,770	25,696,360	25,992,348	26,568,910
C3 Communications, Inc.	(5,534)	(7,082)	(4,211)	(16,275)	(23,792)	(32,794)	(42,306)	(52,340)	(62,963)	(74,094)	(86,204)
AEP Texas Central Company - Nuclear	0	0	0	0	0	0	0	0	0	0	0
EnerShop Inc.	0	0	0	0	0	0	0	0	0	0	0
Houston Pipeline (HPL)	(152,900)	(157,425)	(164,034)	(177,743)	(193,491)	(215,571)	(239,398)	(264,931)	(284,317)	(304,191)	(330,844)
American Electric Power Service Corp	\$29,031,507	\$30,297,292	\$37,653,152	\$30,035,602	\$29,434,321	\$28,009,757	\$26,536,299	\$25,566,648	\$25,367,259	\$25,627,152	\$26,182,568
AEP Pro Serv, Inc.	\$12,560	\$14,299	\$18,532	\$11,090	\$6,545	\$4,740	\$3,005	\$313	(\$3,331)	(\$6,955)	(\$10,778)
CSW Energy, Inc.	235,565	264,000	288,098	249,282	207,033	194,799	187,686	195,599	190,179	186,406	186,786
Elmwood	407,888	380,934	403,937	425,031	439,131	451,552	464,192	477,846	496,063	520,358	548,173
AEP River Operations LLC	3,907,354	3,754,975	3,992,009	4,236,941	4,382,859	4,521,200	4,654,596	4,811,011	5,012,884	5,242,014	5,491,329
Miscellaneous	\$4,563,367	\$4,414,208	\$4,702,576	\$4,922,344	\$5,035,568	\$5,172,291	\$5,309,479	\$5,484,769	\$5,695,795	\$5,941,823	\$6,215,510
Total	\$110,033,327	\$123,592,161	\$147,213,043	\$117,928,813	\$104,593,237	\$100,308,792	\$96,635,281	\$94,628,478	\$95,002,343	\$96,748,148	\$99,610,333

American Electric Power
Qualified Retirement Plan
2011 Net Periodic Pension Cost

Location	Projected Benefit Obligation	Market-Related Value of Assets	Service Cost	Interest Cost	Expected Return on Assets	Amortizations		Net Periodic Pension Cost
						Prior Service Cost/(Credit)	(Gain)/Loss	
Appalachian Power Co - Distribution	\$329,522,786	\$277,065,083	\$3,453,440	\$16,262,614	(\$21,047,082)	\$485,847	\$8,347,979	\$7,502,798
Appalachian Power Co - Generation	271,533,287	230,966,979	3,290,217	13,422,425	(17,545,267)	\$362,368	6,878,900	6,408,643
Appalachian Power Co - Transmission	49,484,615	39,581,637	455,197	2,439,069	(3,006,795)	\$59,438	1,253,620	1,200,529
Appalachian Power Co. - FERC	\$650,540,688	\$547,613,699	\$7,198,854	\$32,124,108	(\$41,599,144)	\$907,653	\$16,480,499	\$15,111,970
Cedar Coal Co	3,228,369	3,071,966	0	157,674	(233,360)	\$8,980	81,786	15,080
Central Coal Company	0	0	0	0	0	\$0	0	0
Appalachian Power Co. - SEC	\$653,769,057	\$550,685,665	\$7,198,854	\$32,281,782	(\$41,832,504)	\$916,633	\$16,562,285	\$15,127,050
AEP Texas Central Company - Distribution	\$272,437,010	\$226,140,859	\$4,435,474	\$13,522,498	(\$17,178,654)	(\$1,147,758)	\$6,901,794	\$6,533,354
AEP Texas Central Company - Generation	27,353,524	36,349,189	564	1,335,978	(2,761,244)	\$0	692,962	(731,740)
AEP Texas Central Company - Transmission	30,137,039	24,627,142	560,468	1,499,271	(1,870,786)	(\$110,544)	763,478	841,887
AEP Texas Central Co.	\$329,927,573	\$287,117,190	\$4,996,506	\$16,357,747	(\$21,810,684)	(\$1,258,302)	\$8,358,234	\$6,643,501
Columbus Southern Power Co - Distribution	\$217,819,726	\$189,043,813	\$2,163,070	\$10,743,996	(\$14,360,599)	\$363,266	\$5,518,145	\$4,427,878
Columbus Southern Power Co - Generation	105,308,541	90,732,345	1,071,275	5,195,608	(6,892,428)	\$159,518	2,667,838	2,201,811
Columbus Southern Power Co - Transmission	21,582,590	18,111,299	140,703	1,060,969	(1,375,814)	\$38,043	546,763	410,664
Columbus Southern Power Co. - FERC	\$344,710,857	\$297,887,457	\$3,375,048	\$17,000,573	(\$22,628,841)	\$560,827	\$8,732,746	\$7,040,353
Conesville Coal Preparation Company	4,212,693	3,524,627	22,880	206,866	(267,746)	\$3,832	106,722	72,554
Columbus Southern Power Co. - SEC	\$348,923,550	\$301,412,084	\$3,397,928	\$17,207,439	(\$22,896,587)	\$564,659	\$8,839,468	\$7,112,907
Indiana Michigan Power Co - Distribution	\$175,669,887	\$145,261,932	\$1,924,256	\$8,673,727	(\$11,034,735)	\$252,409	\$4,450,340	\$4,265,997
Indiana Michigan Power Co - Generation	110,812,630	94,118,834	1,374,578	5,479,242	(7,149,680)	\$138,960	2,807,276	2,650,376
Indiana Michigan Power Co - Nuclear	201,564,904	183,881,912	4,903,572	10,083,954	(13,968,478)	\$251,376	5,106,353	6,376,777
Indiana Michigan Power Co - Transmission	37,321,035	30,621,585	413,469	1,842,959	(2,326,150)	\$49,478	945,474	925,230
Ind Mich River Transp Lakin	32,232,922	30,805,178	816,136	1,614,121	(2,340,097)	\$50,606	816,574	957,340
Indiana Michigan Power Co. - FERC	\$557,601,378	\$484,689,441	\$9,432,011	\$27,694,003	(\$36,819,140)	\$742,829	\$14,126,017	\$15,175,720
Price River Coal	411,255	479,045	0	20,086	(36,390)	\$1,124	10,419	(4,761)
Indiana Michigan Power Co. - SEC	\$558,012,633	\$485,168,486	\$9,432,011	\$27,714,089	(\$36,855,530)	\$743,953	\$14,136,436	\$15,170,959
Kentucky Power Co - Distribution	\$73,515,512	\$61,137,197	\$773,688	\$3,628,297	(\$4,644,250)	\$92,116	\$1,862,408	\$1,712,259
Kentucky Power Co - Generation	35,117,879	28,827,471	463,406	1,737,796	(2,189,861)	\$46,371	889,660	947,372
Kentucky Power Co - Transmission	7,851,021	6,801,508	151,510	390,845	(516,672)	\$10,405	198,894	234,982
Kentucky Power Co.	\$116,484,412	\$96,766,176	\$1,388,604	\$5,756,938	(\$7,350,783)	\$148,892	\$2,950,962	\$2,894,613
Cardinal Operating Company	\$74,674,869	\$55,414,597	\$964,149	\$3,694,222	(\$4,209,536)	\$89,904	\$1,891,779	\$2,430,518
Central Ohio Coal	8,654,709	10,268,214	0	422,697	(780,019)	\$13,405	219,254	(124,663)
Cook Coal Terminal	3,169,754	3,037,615	73,889	158,420	(230,751)	\$4,063	80,301	85,922
Ohio Power Co - Distribution	231,527,626	193,452,649	2,490,941	11,429,505	(14,695,514)	\$364,651	5,865,414	5,454,997
Ohio Power Co - Generation	238,728,597	231,094,940	2,692,716	11,791,057	(17,554,988)	\$324,557	6,047,841	3,301,183
Ohio Power Co - Transmission	53,048,411	43,988,111	610,018	2,620,687	(3,341,530)	\$79,060	1,343,904	1,312,139
Southern Ohio Coal - Martinka	7,066,444	7,674,821	0	345,126	(583,013)	\$7,950	179,018	(50,919)
Southern Ohio Coal - Meigs	10,008,503	11,518,232	0	488,817	(874,976)	\$16,988	253,551	(115,620)
Windsor	3,167,196	3,913,537	0	154,686	(297,289)	\$5,640	80,236	(56,727)
Ohio Power Co.	\$630,046,109	\$560,362,716	\$6,831,713	\$31,105,217	(\$42,567,616)	\$906,218	\$15,961,298	\$12,236,830

**American Electric Power
Qualified Retirement Plan**
2011 Net Periodic Pension Cost

Location	Projected Benefit Obligation	Market-Related Value of Assets	Service Cost	Interest Cost	Expected Return on Assets	Amortizations		Net Periodic Pension Cost
						Prior Service Cost/(Credit)	(Gain)/Loss	
Public Service Co of Oklahoma - Distribution	\$165,936,433	\$140,087,651	\$3,336,782	\$8,267,332	(\$10,641,674)	(\$636,333)	\$4,203,757	\$4,529,864
Public Service Co of Oklahoma - Generation	78,534,322	72,852,940	2,002,031	3,933,409	(5,534,230)	(\$243,479)	1,989,552	2,147,283
Public Service Co of Oklahoma - Transmission	20,482,653	16,960,462	414,069	1,020,599	(1,288,391)	(\$65,506)	518,898	599,669
Public Service Co. of Oklahoma	\$264,953,408	\$229,901,053	\$5,752,882	\$13,221,340	(\$17,464,295)	(\$945,318)	\$6,712,207	\$7,276,816
Southwestern Electric Power Co - Distribution	\$94,011,225	\$86,634,224	\$2,363,911	\$4,706,978	(\$6,581,116)	(\$311,735)	\$2,381,637	\$2,559,675
Southwestern Electric Power Co - Generation	102,423,141	92,073,203	2,676,502	5,133,084	(6,994,285)	(\$281,516)	2,594,741	3,128,526
Southwestern Electric Power Co - Texas - Distribution	53,285,326	47,114,926	1,140,900	2,658,186	(3,579,057)	(\$153,170)	1,349,906	1,416,765
Southwestern Electric Power Co - Texas - Transmission	600,467	506,002	0	29,327	(38,438)	(\$2,417)	15,212	3,684
Southwestern Electric Power Co - Transmission	14,914,891	15,639,887	386,627	747,329	(1,188,075)	(\$42,692)	377,847	281,036
Southwestern Electric Power Co.	\$265,235,050	\$241,968,242	\$6,567,940	\$13,274,904	(\$18,380,971)	(\$791,530)	\$6,719,343	\$7,389,686
AEP Texas North Company - Distribution	\$67,394,159	\$58,804,353	\$1,395,833	\$3,359,715	(\$4,467,037)	(\$225,262)	\$1,707,333	\$1,770,582
AEP Texas North Company - Generation	24,653,901	24,982,335	0	1,204,101	(1,897,768)	(\$157,041)	624,571	(226,137)
AEP Texas North Company - Transmission	10,194,437	8,923,295	293,056	512,211	(677,853)	(\$32,421)	258,261	353,254
AEP Texas North Co.	\$102,242,497	\$92,709,983	\$1,688,889	\$5,076,027	(\$7,042,658)	(\$414,724)	\$2,590,165	\$1,897,699
Kingsport Power Co - Distribution	\$12,868,484	\$10,861,217	\$118,731	\$634,298	(\$825,066)	\$18,926	\$326,004	\$272,893
Kingsport Power Co - Transmission	3,590,696	2,683,174	28,542	176,764	(203,826)	\$3,478	90,965	95,923
Kingsport Power Co.	\$16,459,180	\$13,544,391	\$147,273	\$811,062	(\$1,028,892)	\$22,404	\$416,969	\$368,816
Wheeling Power Co - Distribution	\$15,882,439	\$14,309,107	\$194,122	\$785,182	(\$1,086,983)	\$26,287	\$402,358	\$320,966
Wheeling Power Co - Transmission	1,015,155	1,034,156	0	49,580	(78,559)	\$1,872	25,717	(1,390)
Wheeling Power Co.	\$16,897,594	\$15,343,263	\$194,122	\$834,762	(\$1,165,542)	\$28,159	\$428,075	\$319,576
AEP Energy Services, Inc.	\$2,008,022	\$534,257	\$0	\$98,072	(\$40,585)	\$1,036	\$50,870	\$109,393
AEP T & D Services, LLC	0	0	0	0	0	\$0	0	0
AEP Texas Central Company - Nuclear	0	0	0	0	0	\$0	0	0
American Electric Power Service Corporation	1,364,563,196	1,241,648,980	20,460,999	67,644,809	(94,321,114)	\$726,634	34,569,220	29,080,548
C3 Communications, Inc.	936,469	925,951	0	45,737	(70,339)	(\$4,656)	23,724	(5,534)
EnerShop Inc.	0	0	0	0	0	\$0	0	0
Houston Pipeline (HPL)	956,566	3,007,015	0	46,719	(228,426)	\$4,574	24,233	(152,900)
American Electric Power Service Corp	\$1,368,464,253	\$1,246,116,203	\$20,460,999	\$67,835,337	(\$94,660,464)	\$727,588	\$34,668,047	\$29,031,507
AEP Pro Serv, Inc.	\$1,095,460	\$905,839	\$0	\$53,502	(\$68,812)	\$118	\$27,752	\$12,560
AEP River Operations LLC	23,969,383	19,106,381	3,375,625	1,335,535	(1,451,405)	\$40,370	607,229	3,907,354
CSW Energy, Inc.	4,502,055	2,800,221	120,478	225,765	(212,717)	(\$12,014)	114,053	235,565
Elmwood	2,789,843	2,244,197	346,937	153,201	(170,479)	\$7,552	70,677	407,888
Miscellaneous	\$32,356,741	\$25,056,638	\$3,843,040	\$1,768,003	(\$1,903,413)	\$36,026	\$819,711	\$4,563,367
Total	\$4,703,772,057	\$4,146,152,090	\$71,900,761	\$233,244,647	(\$314,959,939)	\$684,658	\$119,163,200	\$110,033,327

American Electric Power
Qualified Retirement Plan
Estimated 2012 Net Periodic Pension Cost

Location	Projected Benefit Obligation	Market-Related Value of Assets	Service Cost	Interest Cost	Expected Return on Assets	Amortizations		Net Periodic Pension Cost
						Prior Service Cost/(Credit)	(Gain)/Loss	
Appalachian Power Co - Distribution	\$328,583,679	\$264,780,877	\$3,798,784	\$16,229,413	(\$20,454,025)	\$246,339	\$8,971,470	\$8,791,981
Appalachian Power Co - Generation	270,759,444	227,666,257	3,619,239	13,397,232	(17,586,962)	194,243	7,392,669	7,016,421
Appalachian Power Co - Transmission	49,343,589	38,870,345	500,717	2,433,774	(3,002,690)	31,085	1,347,251	1,310,137
Appalachian Power Co. - FERC	\$648,686,712	\$531,317,479	\$7,918,740	\$32,060,419	(\$41,043,677)	\$471,667	\$17,711,390	\$17,118,539
Cedar Coal Co	3,219,168	2,817,314	0	157,184	(217,634)	3,623	87,894	31,067
Central Coal Company	0	0	0	0	0	0	0	0
Appalachian Power Co. - SEC	\$651,905,880	\$534,134,793	\$7,918,740	\$32,217,603	(\$41,261,311)	\$475,290	\$17,799,284	\$17,149,606
AEP Texas Central Company - Distribution	\$271,660,591	\$216,632,450	\$4,879,021	\$13,502,745	(\$16,734,613)	(\$1,148,328)	\$7,417,273	\$7,916,098
AEP Texas Central Company - Generation	27,275,569	36,120,710	620	1,331,829	(2,790,284)	0	744,717	(713,118)
AEP Texas Central Company - Transmission	30,051,151	22,998,264	616,515	1,497,426	(1,776,590)	(110,709)	820,500	1,047,142
AEP Texas Central Co.	\$328,987,311	\$275,751,424	\$5,496,156	\$16,332,000	(\$21,301,487)	(\$1,259,037)	\$8,982,490	\$8,250,122
Columbus Southern Power Co - Distribution	\$217,198,961	\$177,034,082	\$2,379,377	\$10,721,467	(\$13,675,684)	\$177,595	\$5,930,282	\$5,533,037
Columbus Southern Power Co - Generation	105,008,422	87,735,179	1,178,403	5,184,840	(6,777,444)	80,537	2,867,093	2,533,429
Columbus Southern Power Co - Transmission	21,521,082	17,108,273	154,773	1,058,378	(1,321,595)	19,161	587,600	498,317
Columbus Southern Power Co. - FERC	\$343,728,465	\$281,877,534	\$3,712,553	\$16,964,685	(\$21,774,723)	\$277,293	\$9,384,975	\$8,564,783
Conesville Coal Preparation Company	4,200,687	3,582,848	25,168	206,338	(276,771)	1,912	114,693	71,340
Columbus Southern Power Co. - SEC	\$347,929,152	\$285,460,382	\$3,737,721	\$17,171,023	(\$22,051,494)	\$279,205	\$9,499,668	\$8,636,123
Indiana Michigan Power Co - Distribution	\$175,169,245	\$139,475,236	\$2,116,682	\$8,656,433	(\$10,774,305)	\$127,998	\$4,782,726	\$4,909,534
Indiana Michigan Power Co - Generation	110,496,825	92,251,146	1,512,036	5,469,116	(7,126,297)	73,383	3,016,945	2,945,183
Indiana Michigan Power Co - Nuclear	200,990,464	187,687,681	5,393,929	10,077,239	(14,498,662)	149,776	5,487,734	6,610,016
Indiana Michigan Power Co - Transmission	37,214,674	29,927,296	454,816	1,839,308	(2,311,850)	25,673	1,016,089	1,024,036
Ind Mich River Transp Lakin	32,141,061	31,582,670	897,750	1,613,203	(2,439,726)	29,865	877,562	978,654
Indiana Michigan Power Co. - FERC	\$556,012,269	\$480,924,029	\$10,375,213	\$27,655,299	(\$37,150,840)	\$406,695	\$15,181,056	\$16,467,423
Price River Coal	410,083	460,080	0	20,023	(35,541)	454	11,197	(3,867)
Indiana Michigan Power Co. - SEC	\$556,422,352	\$481,384,109	\$10,375,213	\$27,675,322	(\$37,186,381)	\$407,149	\$15,192,253	\$16,463,556
Kentucky Power Co - Distribution	\$73,306,000	\$59,120,589	\$851,057	\$3,620,906	(\$4,566,999)	\$50,412	\$2,001,507	\$1,956,883
Kentucky Power Co - Generation	35,017,797	28,152,215	509,747	1,734,722	(2,174,727)	25,820	956,107	1,051,669
Kentucky Power Co - Transmission	7,828,646	6,959,188	166,661	390,391	(537,589)	6,387	213,749	239,599
Kentucky Power Co.	\$116,152,443	\$94,231,992	\$1,527,465	\$5,746,019	(\$7,279,315)	\$82,619	\$3,171,363	\$3,248,151
Cardinal Operating Company	\$74,462,053	\$55,180,352	\$1,060,564	\$3,687,583	(\$4,262,620)	\$46,293	\$2,033,071	\$2,564,891
Central Ohio Coal	8,630,044	9,728,618	0	421,384	(751,525)	5,409	235,630	(89,102)
Cook Coal Terminal	3,160,721	3,094,372	81,278	158,299	(239,037)	2,159	86,299	88,998
Ohio Power Co - Distribution	230,867,795	184,925,379	2,740,035	11,406,492	(14,285,277)	184,242	6,303,489	6,348,981
Ohio Power Co - Generation	238,048,244	222,894,264	2,961,988	11,767,933	(17,218,331)	169,652	6,499,540	4,180,782
Ohio Power Co - Transmission	52,897,228	42,952,290	671,020	2,615,605	(3,318,016)	41,566	1,444,277	1,454,452
Southern Ohio Coal - Martinka	7,046,305	7,428,459	0	344,054	(573,840)	3,207	192,388	(34,191)
Southern Ohio Coal - Meigs	9,979,980	10,936,087	0	487,298	(844,800)	6,854	272,488	(78,160)
Windsor	3,158,170	3,753,770	0	154,206	(289,975)	2,276	86,229	(47,264)
Ohio Power Co.	\$628,250,540	\$540,893,591	\$7,514,885	\$31,042,854	(\$41,783,421)	\$461,658	\$17,153,411	\$14,389,387

**American Electric Power
Qualified Retirement Plan**
Estimated 2012 Net Periodic Pension Cost

Location	Projected Benefit Obligation	Market-Related Value of Assets	Service Cost	Interest Cost	Expected Return on Assets	Amortizations		Net Periodic Pension Cost
						Prior Service Cost/(Credit)	(Gain)/Loss	
Public Service Co of Oklahoma - Distribution	\$165,463,531	\$133,582,727	\$3,670,460	\$8,258,394	(\$10,319,115)	(\$636,847)	\$4,517,726	\$5,490,618
Public Service Co of Oklahoma - Generation	78,310,507	70,883,093	2,202,234	3,931,238	(5,475,639)	(243,616)	2,138,148	2,552,365
Public Service Co of Oklahoma - Transmission	20,424,279	16,398,958	455,476	1,019,507	(1,266,801)	(65,784)	557,653	700,051
Public Service Co. of Oklahoma	\$264,198,317	\$220,864,778	\$6,328,170	\$13,209,139	(\$17,061,555)	(\$946,247)	\$7,213,527	\$8,743,034
Southwestern Electric Power Co - Distribution	\$93,743,302	\$84,694,420	\$2,600,302	\$4,704,220	(\$6,542,549)	(\$311,829)	\$2,559,516	\$3,009,660
Southwestern Electric Power Co - Generation	102,131,245	89,461,397	2,944,152	5,130,572	(6,910,792)	(281,758)	2,788,536	3,670,710
Southwestern Electric Power Co - Texas - Distribution	53,133,468	45,223,826	1,254,990	2,655,654	(3,493,490)	(153,616)	1,450,727	1,714,265
Southwestern Electric Power Co - Texas - Transmission	598,756	478,581	0	29,236	(36,970)	(2,416)	16,348	6,198
Southwestern Electric Power Co - Transmission	14,872,385	15,661,461	425,290	746,948	(1,209,830)	(42,816)	406,068	325,660
Southwestern Electric Power Co.	\$264,479,156	\$235,519,685	\$7,224,734	\$13,266,630	(\$18,193,631)	(\$792,435)	\$7,221,195	\$8,726,493
AEP Texas North Company - Distribution	\$67,202,092	\$56,339,772	\$1,535,416	\$3,356,282	(\$4,352,184)	(\$225,360)	\$1,834,849	\$2,149,003
AEP Texas North Company - Generation	24,583,640	23,474,739	0	1,200,358	(1,813,397)	(157,011)	671,218	(98,832)
AEP Texas North Company - Transmission	10,165,384	8,726,090	322,362	512,091	(674,081)	(32,421)	277,550	405,501
AEP Texas North Co.	\$101,951,116	\$88,540,601	\$1,857,778	\$5,068,731	(\$6,839,662)	(\$414,792)	\$2,783,617	\$2,455,672
Kingsport Power Co - Distribution	\$12,831,810	\$10,438,322	\$130,604	\$632,923	(\$806,349)	\$9,522	\$350,353	\$317,053
Kingsport Power Co - Transmission	3,580,463	2,655,773	31,396	176,358	(205,155)	1,687	97,759	102,045
Kingsport Power Co.	\$16,412,273	\$13,094,095	\$162,000	\$809,281	(\$1,011,504)	\$11,209	\$448,112	\$419,098
Wheeling Power Co - Distribution	\$15,837,176	\$13,582,975	\$213,534	\$783,716	(\$1,049,270)	\$13,803	\$432,410	\$394,193
Wheeling Power Co - Transmission	1,012,262	939,735	0	49,426	(72,593)	755	27,638	5,226
Wheeling Power Co.	\$16,849,438	\$14,522,710	\$213,534	\$833,142	(\$1,121,863)	\$14,558	\$460,048	\$399,419
AEP Energy Services, Inc.	\$2,002,299	\$652,468	\$0	\$97,767	(\$50,402)	(\$932)	\$54,670	\$101,103
AEP T & D Services, LLC	0	0	0	0	0	0	0	0
AEP Texas Central Company - Nuclear	0	0	0	0	0	0	0	0
American Electric Power Service Corporation	1,360,674,326	1,255,079,942	22,507,096	67,537,327	(96,953,513)	118,671	37,151,115	30,360,696
C3 Communications, Inc.	933,800	951,703	0	45,595	(73,518)	(4,655)	25,496	(7,082)
EnerShop Inc.	0	0	0	0	0	0	0	0
Houston Pipeline (HPL)	953,840	3,001,827	0	46,574	(231,888)	1,846	26,043	(157,425)
American Electric Power Service Corp	\$1,364,564,265	\$1,259,685,940	\$22,507,096	\$67,727,263	(\$97,309,321)	\$114,930	\$37,257,324	\$30,297,292
AEP Pro Serv, Inc.	\$1,092,338	\$892,352	\$0	\$53,336	(\$68,933)	\$71	\$29,825	\$14,299
AEP River Operations LLC	23,901,073	25,861,871	3,713,188	1,348,336	(1,997,800)	38,669	652,582	3,754,975
CSW Energy, Inc.	4,489,225	2,650,036	132,526	125,669	(204,712)	(12,054)	122,571	264,000
Elmwood	2,781,892	3,083,030	381,631	154,467	(238,161)	7,042	75,955	380,934
Miscellaneous	\$32,264,528	\$32,487,289	\$4,227,345	\$1,781,808	(\$2,509,606)	\$33,728	\$880,933	\$4,414,208
Total	\$4,690,366,771	\$4,076,571,389	\$79,090,837	\$232,880,815	(\$314,910,551)	(\$1,532,165)	\$128,063,225	\$123,592,161

American Electric Power
Qualified Retirement Plan
Estimated 2013 Net Periodic Pension Cost

Location	Projected Benefit Obligation	Market-Related Value of Assets	Service Cost	Interest Cost	Expected Return on Assets	Amortizations		Net Periodic Pension Cost
						Prior Service Cost/(Credit)	(Gain)/Loss	
Appalachian Power Co - Distribution	\$327,982,123	\$261,553,563	\$4,178,662	\$16,203,983	(\$20,186,273)	\$95,769	\$9,461,547	\$9,753,688
Appalachian Power Co - Generation	270,263,751	223,657,845	3,981,163	13,378,641	(17,261,544)	88,548	7,796,501	7,983,309
Appalachian Power Co - Transmission	49,253,253	38,919,459	550,788	2,429,618	(3,003,740)	13,259	1,420,846	1,410,771
Appalachian Power Co. - FERC	\$647,499,127	\$524,130,867	\$8,710,613	\$32,012,242	(\$40,451,557)	\$197,576	\$18,678,894	\$19,147,768
Cedar Coal Co	3,213,275	2,720,721	0	156,755	(209,981)	256	92,696	39,726
Central Coal Company	0	0	0	0	0	0	0	0
Appalachian Power Co. - SEC	\$650,712,402	\$526,851,588	\$8,710,613	\$32,168,997	(\$40,661,538)	\$197,832	\$18,771,590	\$19,187,494
AEP Texas Central Company - Distribution	\$271,163,248	\$217,106,728	\$5,366,924	\$13,490,124	(\$16,755,939)	\$290,727	\$7,822,450	\$10,214,286
AEP Texas Central Company - Generation	27,225,634	35,960,083	682	1,328,196	(2,775,340)	0	785,398	(661,064)
AEP Texas Central Company - Transmission	29,996,135	22,908,423	678,166	1,496,401	(1,768,034)	32,237	865,321	1,304,091
AEP Texas Central Co.	\$328,385,017	\$275,975,234	\$6,045,772	\$16,314,721	(\$21,299,313)	\$322,964	\$9,473,169	\$10,857,313
Columbus Southern Power Co - Distribution	\$216,801,324	\$173,663,697	\$2,617,315	\$10,704,021	(\$13,403,078)	\$60,869	\$6,254,231	\$6,233,358
Columbus Southern Power Co - Generation	104,816,178	86,992,029	1,296,243	5,176,541	(6,713,901)	30,884	3,023,711	2,813,478
Columbus Southern Power Co - Transmission	21,481,682	16,857,311	170,251	1,056,258	(1,301,019)	7,291	619,698	552,479
Columbus Southern Power Co. - FERC	\$343,099,184	\$277,513,037	\$4,083,809	\$16,936,820	(\$21,417,998)	\$99,044	\$9,897,640	\$9,599,315
Conesville Coal Preparation Company	4,192,997	3,456,446	27,685	205,900	(266,763)	705	120,959	88,486
Columbus Southern Power Co. - SEC	\$347,292,181	\$280,969,483	\$4,111,494	\$17,142,720	(\$21,684,761)	\$99,749	\$10,018,599	\$9,687,801
Indiana Michigan Power Co - Distribution	\$174,848,554	\$136,332,213	\$2,328,350	\$8,643,319	(\$10,521,895)	\$49,784	\$5,043,988	\$5,543,546
Indiana Michigan Power Co - Generation	110,294,533	91,332,134	1,663,239	5,461,698	(7,048,863)	32,157	3,181,749	3,289,980
Indiana Michigan Power Co - Nuclear	200,622,500	185,702,861	5,933,322	10,076,527	(14,332,241)	85,904	5,787,508	7,551,020
Indiana Michigan Power Co - Transmission	37,146,543	29,682,815	500,297	1,836,547	(2,290,871)	10,708	1,071,594	1,128,275
Ind Mich River Transp Lakin	32,082,219	30,859,383	987,525	1,613,260	(2,381,676)	16,825	925,500	1,161,434
Indiana Michigan Power Co. - FERC	\$554,994,349	\$473,909,406	\$11,412,733	\$27,631,351	(\$36,575,546)	\$195,378	\$16,010,339	\$18,674,255
Price River Coal	409,332	445,179	0	19,969	(34,358)	32	11,808	(2,549)
Indiana Michigan Power Co. - SEC	\$555,403,681	\$474,354,585	\$11,412,733	\$27,651,320	(\$36,609,904)	\$195,410	\$16,022,147	\$18,671,706
Kentucky Power Co - Distribution	\$73,171,795	\$58,736,962	\$936,162	\$3,615,249	(\$4,533,222)	\$24,194	\$2,110,842	\$2,153,225
Kentucky Power Co - Generation	34,953,688	28,264,907	560,721	1,732,519	(2,181,439)	12,900	1,008,335	1,133,036
Kentucky Power Co - Transmission	7,814,314	6,932,163	183,327	390,153	(535,013)	3,861	225,425	267,753
Kentucky Power Co.	\$115,939,797	\$93,934,032	\$1,680,210	\$5,737,921	(\$7,249,674)	\$40,955	\$3,344,602	\$3,554,014
Cardinal Operating Company	\$74,325,731	\$54,938,950	\$1,166,620	\$3,682,785	(\$4,240,098)	\$18,876	\$2,144,130	\$2,772,313
Central Ohio Coal	8,614,244	9,311,777	0	420,233	(718,668)	382	248,502	(49,551)
Cook Coal Terminal	3,154,934	3,027,325	89,406	158,270	(233,644)	963	91,013	106,008
Ohio Power Co - Distribution	230,445,133	181,370,691	3,014,039	11,388,968	(13,997,891)	70,825	6,647,824	7,123,765
Ohio Power Co - Generation	237,612,437	217,907,230	3,258,186	11,750,525	(16,817,721)	72,268	6,854,584	5,117,842
Ohio Power Co - Transmission	52,800,387	42,589,811	738,122	2,611,799	(3,287,011)	17,995	1,523,172	1,604,077
Southern Ohio Coal - Martinka	7,033,405	7,300,269	0	343,114	(563,423)	226	202,898	(17,185)
Southern Ohio Coal - Meigs	9,961,709	10,549,295	0	485,968	(814,177)	483	287,373	(40,353)
Windsor	3,152,388	3,615,707	0	153,785	(279,054)	161	90,939	(34,169)
Ohio Power Co.	\$627,100,368	\$530,611,055	\$8,266,373	\$30,995,447	(\$40,951,687)	\$182,179	\$18,090,435	\$16,582,747

**American Electric Power
Qualified Retirement Plan**
Estimated 2013 Net Periodic Pension Cost

Location	Projected Benefit Obligation	Market-Related Value of Assets	Service Cost	Interest Cost	Expected Return on Assets	Amortizations		Net Periodic Pension Cost
						Prior Service Cost/(Credit)	(Gain)/Loss	
Public Service Co of Oklahoma - Distribution	\$165,160,608	\$134,044,386	\$4,037,506	\$8,254,085	(\$10,345,325)	\$182,961	\$4,764,512	\$6,893,739
Public Service Co of Oklahoma - Generation	78,167,140	70,515,984	2,422,458	3,931,447	(5,442,307)	93,179	2,254,946	3,259,723
Public Service Co of Oklahoma - Transmission	20,386,888	16,419,587	501,023	1,018,987	(1,267,237)	22,686	588,116	863,575
Public Service Co. of Oklahoma	\$263,714,636	\$220,979,957	\$6,960,987	\$13,204,519	(\$17,054,869)	\$298,826	\$7,607,574	\$11,017,037
Southwestern Electric Power Co - Distribution	\$93,571,682	\$84,279,817	\$2,860,332	\$4,704,296	(\$6,504,577)	\$128,735	\$2,699,333	\$3,888,119
Southwestern Electric Power Co - Generation	101,944,268	89,364,966	3,238,567	5,131,192	(6,897,041)	133,858	2,940,863	4,547,439
Southwestern Electric Power Co - Texas - Distribution	53,036,194	45,179,828	1,380,489	2,654,639	(3,486,905)	66,462	1,529,975	2,144,660
Southwestern Electric Power Co - Texas - Transmission	597,660	479,584	0	29,156	(37,014)	104	17,241	9,487
Southwestern Electric Power Co - Transmission	14,845,157	15,370,838	467,819	747,021	(1,186,296)	21,709	428,249	478,502
Southwestern Electric Power Co.	\$263,994,961	\$234,675,033	\$7,947,207	\$13,266,304	(\$18,111,833)	\$350,868	\$7,615,661	\$11,068,207
AEP Texas North Company - Distribution	\$67,079,062	\$56,919,461	\$1,688,958	\$3,354,748	(\$4,392,950)	\$89,255	\$1,935,080	\$2,675,091
AEP Texas North Company - Generation	24,538,633	22,974,879	0	1,197,082	(1,773,163)	7,536	707,884	139,339
AEP Texas North Company - Transmission	10,146,774	8,900,456	354,598	512,294	(686,923)	12,469	292,712	485,150
AEP Texas North Co.	\$101,764,469	\$88,794,796	\$2,043,556	\$5,064,124	(\$6,853,036)	\$109,260	\$2,935,676	\$3,299,580
Kingsport Power Co - Distribution	\$12,808,318	\$10,350,740	\$143,665	\$631,844	(\$798,853)	\$3,610	\$369,491	\$349,757
Kingsport Power Co - Transmission	3,573,908	2,601,854	34,536	176,033	(200,807)	562	103,099	113,423
Kingsport Power Co.	\$16,382,226	\$12,952,594	\$178,201	\$807,877	(\$999,660)	\$4,172	\$472,590	\$463,180
Wheeling Power Co - Distribution	\$15,808,182	\$13,236,937	\$234,888	\$782,638	(\$1,021,605)	\$6,413	\$456,030	\$458,364
Wheeling Power Co - Transmission	1,010,409	889,104	0	49,291	(68,620)	53	29,148	9,872
Wheeling Power Co.	\$16,818,591	\$14,126,041	\$234,888	\$831,929	(\$1,090,225)	\$6,466	\$485,178	\$468,236
AEP Energy Services, Inc.	\$1,998,634	\$819,493	\$0	\$97,500	(\$63,247)	\$508	\$57,656	\$92,417
AEP T & D Services, LLC	0	0	0	0	0	0	0	0
AEP Texas Central Company - Nuclear	0	0	0	0	0	0	0	0
American Electric Power Service Corporation	1,358,183,266	1,222,158,535	24,757,809	67,464,779	(94,324,176)	650,035	39,180,533	37,728,980
C3 Communications, Inc.	932,091	994,727	0	45,471	(76,771)	200	26,889	(4,211)
EnerShop Inc.	0	0	0	0	0	0	0	0
Houston Pipeline (HPL)	952,094	3,084,759	0	46,447	(238,077)	130	27,466	(164,034)
American Electric Power Service Corp	\$1,362,066,085	\$1,227,057,514	\$24,757,809	\$67,654,197	(\$94,702,271)	\$650,873	\$39,292,544	\$37,653,152
AEP Pro Serv, Inc.	\$1,090,338	\$857,171	\$0	\$53,191	(\$66,155)	\$42	\$31,454	\$18,532
AEP River Operations LLC	23,857,316	28,264,747	4,084,506	1,363,101	(2,181,427)	37,599	688,230	3,992,009
CSW Energy, Inc.	4,481,006	2,802,623	145,778	225,711	(216,302)	3,644	129,267	288,098
Elmwood	2,776,799	3,350,992	419,794	155,941	(258,624)	6,722	80,104	403,937
Miscellaneous	\$32,205,459	\$35,275,533	\$4,650,078	\$1,797,944	(\$2,722,508)	\$48,007	\$929,055	\$4,702,576
Total	\$4,681,779,873	\$4,016,557,445	\$86,999,921	\$232,638,020	(\$309,991,279)	\$2,507,561	\$135,058,820	\$147,213,043

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	Amortizations		Net Periodic Pension Cost
						Prior Service Cost/(Credit)	(Gain)/Loss	
Appalachian Power Co - Distribution	\$327,330,465	\$278,287,135	\$4,596,529	\$16,155,836	(\$21,466,319)	\$95,769	\$8,038,979	\$7,420,794
Appalachian Power Co - Generation	269,726,771	236,180,838	4,379,279	13,341,526	(18,218,353)	88,548	6,624,278	6,215,278
Appalachian Power Co - Transmission	49,155,393	41,840,501	605,867	2,422,023	(3,227,463)	13,259	1,207,218	1,020,904
Appalachian Power Co. - FERC	\$646,212,629	\$556,308,474	\$9,581,675	\$31,919,385	(\$42,912,135)	\$197,576	\$15,870,475	\$14,656,976
Cedar Coal Co	3,206,891	2,864,244	0	156,089	(220,940)	256	78,759	14,164
Central Coal Company	0	0	0	0	0	0	0	0
Appalachian Power Co. - SEC	\$649,419,520	\$559,172,718	\$9,581,675	\$32,075,474	(\$43,133,075)	\$197,832	\$15,949,234	\$14,671,140
AEP Texas Central Company - Distribution	\$270,624,482	\$234,834,430	\$5,903,616	\$13,459,414	(\$18,114,494)	\$290,197	\$6,646,325	\$8,185,058
AEP Texas Central Company - Generation	27,171,541	38,397,049	751	1,322,553	(2,961,845)	0	667,312	(971,229)
AEP Texas Central Company - Transmission	29,936,537	25,102,775	745,983	1,493,406	(1,936,360)	32,185	735,218	1,070,432
AEP Texas Central Co.	\$327,732,560	\$298,334,254	\$6,650,350	\$16,275,373	(\$23,012,699)	\$322,382	\$8,048,855	\$8,284,261
Columbus Southern Power Co - Distribution	\$216,370,568	\$184,545,242	\$2,879,046	\$10,671,506	(\$14,235,322)	\$60,869	\$5,313,891	\$4,689,990
Columbus Southern Power Co - Generation	104,607,921	91,660,884	1,425,867	5,160,968	(7,070,473)	30,884	2,569,088	2,116,334
Columbus Southern Power Co - Transmission	21,439,001	17,982,126	187,276	1,052,613	(1,387,093)	7,291	526,525	386,612
Columbus Southern Power Co. - FERC	\$342,417,490	\$294,188,252	\$4,492,189	\$16,885,087	(\$22,692,888)	\$99,044	\$8,409,504	\$7,192,936
Conesville Coal Preparation Company	4,184,666	3,600,316	30,453	205,162	(277,719)	705	102,772	61,373
Columbus Southern Power Co. - SEC	\$346,602,156	\$297,788,568	\$4,522,642	\$17,090,249	(\$22,970,607)	\$99,749	\$8,512,276	\$7,254,309
Indiana Michigan Power Co - Distribution	\$174,501,152	\$143,944,187	\$2,561,185	\$8,618,131	(\$11,103,466)	\$49,784	\$4,285,611	\$4,411,245
Indiana Michigan Power Co - Generation	110,075,392	97,408,366	1,829,563	5,446,734	(7,513,819)	32,157	2,703,365	2,498,000
Indiana Michigan Power Co - Nuclear	200,223,889	192,810,916	6,526,654	10,063,140	(14,872,914)	85,904	4,917,342	6,720,126
Indiana Michigan Power Co - Transmission	37,072,738	31,613,531	550,327	1,831,222	(2,438,583)	10,708	910,477	864,151
Ind Mich River Transp Lakin	32,018,476	32,008,545	1,086,277	1,611,303	(2,469,053)	16,825	786,349	1,031,701
Indiana Michigan Power Co. - FERC	\$553,891,647	\$497,785,545	\$12,554,006	\$27,570,530	(\$38,397,835)	\$195,378	\$13,603,144	\$15,525,223
Price River Coal	408,519	458,980	0	19,884	(35,404)	32	10,033	(5,455)
Indiana Michigan Power Co. - SEC	\$554,300,166	\$498,244,525	\$12,554,006	\$27,590,414	(\$38,433,239)	\$195,410	\$13,613,177	\$15,519,768
Kentucky Power Co - Distribution	\$73,026,412	\$62,776,747	\$1,029,779	\$3,604,527	(\$4,842,429)	\$24,194	\$1,793,471	\$1,609,542
Kentucky Power Co - Generation	34,884,239	30,414,928	616,793	1,727,937	(2,346,126)	12,900	856,730	868,234
Kentucky Power Co - Transmission	7,798,788	7,379,107	201,660	389,405	(569,204)	3,861	191,532	217,254
Kentucky Power Co.	\$115,709,439	\$100,570,782	\$1,848,232	\$5,721,869	(\$7,757,759)	\$40,955	\$2,841,733	\$2,695,030
Cardinal Operating Company	\$74,178,056	\$58,934,996	\$1,283,282	\$3,672,919	(\$4,546,087)	\$18,876	\$1,821,755	\$2,250,745
Central Ohio Coal	8,597,129	9,506,556	0	418,447	(733,310)	382	211,139	(103,342)
Cook Coal Terminal	3,148,666	3,118,690	98,346	158,041	(240,413)	963	77,329	94,266
Ohio Power Co - Distribution	229,987,269	191,528,455	3,315,442	11,355,510	(14,773,988)	70,825	5,648,307	5,616,096
Ohio Power Co - Generation	237,140,332	228,770,511	3,584,005	11,716,742	(17,646,740)	72,268	5,823,980	3,550,255
Ohio Power Co - Transmission	52,695,479	44,855,568	811,934	2,604,359	(3,460,038)	17,995	1,294,160	1,268,410
Southern Ohio Coal - Martinka	7,019,431	7,598,354	0	341,656	(586,117)	226	172,392	(71,843)
Southern Ohio Coal - Meigs	9,941,916	10,795,856	0	483,901	(832,763)	483	244,166	(104,213)
Windsor	3,146,125	3,738,995	0	153,131	(288,416)	161	77,266	(57,858)
Ohio Power Co.	\$625,854,403	\$558,845,981	\$9,093,009	\$30,904,706	(\$43,107,872)	\$182,179	\$15,370,494	\$12,442,516

**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	Amortizations		Net Periodic Pension Cost
						Prior Service Cost/(Credit)	(Gain)/Loss	
Public Service Co of Oklahoma - Distribution	\$164,832,455	\$145,251,049	\$4,441,257	\$8,239,036	(\$11,204,274)	\$182,659	\$4,048,156	\$5,706,834
Public Service Co of Oklahoma - Generation	78,011,832	74,660,246	2,664,703	3,926,758	(5,759,090)	93,055	1,915,909	2,841,335
Public Service Co of Oklahoma - Transmission	20,346,382	17,665,319	551,126	1,017,142	(1,362,655)	22,653	499,691	727,957
Public Service Co. of Oklahoma	\$263,190,669	\$237,576,614	\$7,657,086	\$13,182,936	(\$18,326,019)	\$298,367	\$6,463,756	\$9,276,126
Southwestern Electric Power Co - Distribution	\$93,385,767	\$89,569,736	\$3,146,366	\$4,698,495	(\$6,909,168)	\$128,573	\$2,293,481	\$3,357,747
Southwestern Electric Power Co - Generation	101,741,718	95,654,582	3,562,424	5,125,454	(7,378,536)	133,705	2,498,697	3,941,744
Southwestern Electric Power Co - Texas - Distribution	52,930,818	48,461,056	1,518,538	2,650,206	(3,738,155)	66,381	1,299,939	1,796,909
Southwestern Electric Power Co - Texas - Transmission	596,472	519,192	0	29,032	(40,049)	103	14,649	3,735
Southwestern Electric Power Co - Transmission	14,815,662	15,752,443	514,601	746,168	(1,215,101)	21,686	363,861	431,215
Southwestern Electric Power Co.	\$263,470,437	\$249,957,009	\$8,741,929	\$13,249,355	(\$19,281,009)	\$350,448	\$6,470,627	\$9,531,350
AEP Texas North Company - Distribution	\$66,945,784	\$61,063,422	\$1,857,854	\$3,348,870	(\$4,710,268)	\$89,140	\$1,644,136	\$2,229,732
AEP Texas North Company - Generation	24,489,878	24,276,881	0	1,191,992	(1,872,653)	7,475	601,452	(71,734)
AEP Texas North Company - Transmission	10,126,613	9,652,600	390,058	511,876	(744,576)	12,453	248,702	418,513
AEP Texas North Co.	\$101,562,275	\$94,992,903	\$2,247,912	\$5,052,738	(\$7,327,497)	\$109,068	\$2,494,290	\$2,576,511
Kingsport Power Co - Distribution	\$12,782,870	\$10,685,706	\$158,031	\$629,871	(\$824,267)	\$3,610	\$313,937	\$281,182
Kingsport Power Co - Transmission	3,566,807	2,752,557	37,989	175,456	(212,325)	562	87,598	89,280
Kingsport Power Co.	\$16,349,677	\$13,438,263	\$196,020	\$805,327	(\$1,036,592)	\$4,172	\$401,535	\$370,462
Wheeling Power Co - Distribution	\$15,776,773	\$14,083,128	\$258,376	\$780,477	(\$1,086,335)	\$6,413	\$387,465	\$346,396
Wheeling Power Co - Transmission	1,008,401	919,173	0	49,082	(70,903)	53	24,766	2,998
Wheeling Power Co.	\$16,785,174	\$15,002,301	\$258,376	\$829,559	(\$1,157,238)	\$6,466	\$412,231	\$349,394
AEP Energy Services, Inc.	\$1,994,663	\$1,013,632	\$0	\$97,086	(\$78,189)	\$507	\$48,987	\$68,391
AEP T & D Services, LLC	0	0	0	0	0	0	0	0
AEP Texas Central Company - Nuclear	0	0	0	0	0	0	0	0
American Electric Power Service Corporation	1,355,484,729	1,274,513,775	27,233,590	67,300,855	(98,312,553)	649,696	33,289,641	30,161,229
C3 Communications, Inc.	930,239	1,096,697	0	45,277	(84,596)	198	22,846	(16,275)
EnerShop Inc.	0	0	0	0	0	0	0	0
Houston Pipeline (HPL)	950,202	3,208,017	0	46,249	(247,458)	130	23,336	(177,743)
American Electric Power Service Corp	\$1,359,359,833	\$1,279,832,121	\$27,233,590	\$67,489,467	(\$98,722,796)	\$650,531	\$33,384,810	\$30,035,602
AEP Pro Serv, Inc.	\$1,088,172	\$889,860	\$0	\$52,964	(\$68,641)	\$42	\$26,725	\$11,090
AEP River Operations LLC	23,809,914	29,245,908	4,492,957	1,377,582	(2,255,950)	37,599	584,753	4,236,941
CSW Energy, Inc.	4,472,103	3,241,217	160,356	225,475	(250,019)	3,639	109,831	249,282
Elmwood	2,771,282	3,485,824	461,773	157,362	(268,887)	6,722	68,061	425,031
Miscellaneous	\$32,141,471	\$36,862,809	\$5,115,086	\$1,813,383	(\$2,843,497)	\$48,002	\$789,370	\$4,922,344
Total	\$4,672,477,780	\$4,240,618,848	\$95,699,913	\$232,080,850	(\$327,109,899)	\$2,505,561	\$114,752,388	\$117,928,813

**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	Amortizations		Net Periodic Pension Cost
						Prior Service Cost/(Credit)	(Gain)/Loss	
Appalachian Power Co - Distribution	\$325,766,276	\$299,195,265	\$4,780,390	\$16,081,913	(\$22,316,396)	\$86,250	\$7,104,395	\$5,736,552
Appalachian Power Co - Generation	268,437,849	248,860,204	4,554,450	13,281,751	(18,562,001)	81,866	5,854,162	5,210,228
Appalachian Power Co - Transmission	48,920,498	44,842,094	630,102	2,410,759	(3,344,685)	12,132	1,066,871	775,179
Appalachian Power Co. - FERC	\$643,124,623	\$592,897,563	\$9,964,942	\$31,774,423	(\$44,223,082)	\$180,248	\$14,025,428	\$11,721,959
Cedar Coal Co	3,191,566	3,083,427	0	155,278	(229,987)	43	69,602	(5,064)
Central Coal Company	0	0	0	0	0	0	0	0
Appalachian Power Co. - SEC	\$646,316,189	\$595,980,990	\$9,964,942	\$31,929,701	(\$44,453,069)	\$180,291	\$14,095,030	\$11,716,895
AEP Texas Central Company - Distribution	\$269,331,269	\$257,302,040	\$6,139,761	\$13,402,347	(\$19,191,661)	\$237,577	\$5,873,646	\$6,461,670
AEP Texas Central Company - Generation	27,041,698	40,324,048	781	1,315,684	(3,007,693)	0	589,732	(1,101,496)
AEP Texas Central Company - Transmission	29,793,481	28,118,585	775,822	1,487,272	(2,097,311)	26,951	649,744	842,478
AEP Texas Central Co.	\$326,166,448	\$325,744,673	\$6,916,364	\$16,205,303	(\$24,296,665)	\$264,528	\$7,113,122	\$6,202,652
Columbus Southern Power Co - Distribution	\$215,336,614	\$198,715,537	\$2,994,208	\$10,622,335	(\$14,821,807)	\$53,490	\$4,696,117	\$3,544,343
Columbus Southern Power Co - Generation	104,108,040	95,833,588	1,482,902	5,137,261	(7,148,042)	27,745	2,270,415	1,770,281
Columbus Southern Power Co - Transmission	21,336,552	19,542,671	194,767	1,047,552	(1,457,650)	6,540	465,313	256,522
Columbus Southern Power Co. - FERC	\$340,781,206	\$314,091,796	\$4,671,877	\$16,807,148	(\$23,427,499)	\$87,775	\$7,431,845	\$5,571,146
Conesville Coal Preparation Company	4,164,669	3,782,747	31,671	204,162	(282,148)	629	90,824	45,138
Columbus Southern Power Co. - SEC	\$344,945,875	\$317,874,543	\$4,703,548	\$17,011,310	(\$23,709,647)	\$88,404	\$7,522,669	\$5,616,284
Indiana Michigan Power Co - Distribution	\$173,667,277	\$154,520,316	\$2,663,632	\$8,578,935	(\$11,525,371)	\$44,840	\$3,787,381	\$3,549,417
Indiana Michigan Power Co - Generation	109,549,383	103,439,623	1,902,746	5,422,422	(7,715,361)	29,551	2,389,081	2,028,439
Indiana Michigan Power Co - Nuclear	199,267,095	196,780,494	6,787,721	10,025,077	(14,677,476)	81,866	4,345,669	6,562,857
Indiana Michigan Power Co - Transmission	36,895,581	33,796,771	572,340	1,822,907	(2,520,836)	9,762	804,628	688,801
Ind Mich River Transp Lakin	31,865,472	32,765,650	1,129,728	1,605,298	(2,443,926)	16,001	694,930	1,002,031
Indiana Michigan Power Co. - FERC	\$551,244,808	\$521,302,854	\$13,056,167	\$27,454,639	(\$38,882,970)	\$182,020	\$12,021,689	\$13,831,545
Price River Coal	406,567	466,916	0	19,780	(34,826)	5	8,867	(6,174)
Indiana Michigan Power Co. - SEC	\$551,651,375	\$521,769,770	\$13,056,167	\$27,474,419	(\$38,917,796)	\$182,025	\$12,030,556	\$13,825,371
Kentucky Power Co - Distribution	\$72,677,446	\$67,232,699	\$1,070,970	\$3,588,043	(\$5,014,757)	\$22,536	\$1,584,969	\$1,251,761
Kentucky Power Co - Generation	34,717,540	32,628,202	641,465	1,720,303	(2,433,674)	12,083	757,129	697,306
Kentucky Power Co - Transmission	7,761,521	7,574,313	209,726	387,821	(564,953)	3,701	169,265	205,560
Kentucky Power Co.	\$115,156,507	\$107,435,214	\$1,922,161	\$5,696,167	(\$8,013,384)	\$38,320	\$2,511,363	\$2,154,627
Cardinal Operating Company	\$73,823,587	\$64,753,208	\$1,334,614	\$3,656,632	(\$4,829,816)	\$17,142	\$1,609,964	\$1,788,536
Central Ohio Coal	8,556,047	9,608,892	0	416,273	(716,709)	64	186,592	(113,780)
Cook Coal Terminal	3,133,619	3,146,483	102,280	157,434	(234,690)	887	68,339	94,250
Ohio Power Co - Distribution	228,888,246	205,097,305	3,448,060	11,303,736	(15,297,811)	63,655	4,991,654	4,509,294
Ohio Power Co - Generation	236,007,127	230,382,046	3,727,365	11,663,676	(17,183,751)	66,112	5,146,905	3,420,307
Ohio Power Co - Transmission	52,443,667	47,375,019	844,411	2,592,597	(3,533,611)	16,505	1,143,705	1,063,607
Southern Ohio Coal - Martinka	6,985,888	7,794,763	0	339,881	(581,396)	38	152,350	(89,127)
Southern Ohio Coal - Meigs	9,894,408	10,937,915	0	481,387	(815,838)	81	215,780	(118,590)
Windsor	3,131,090	3,827,850	0	152,335	(285,512)	27	68,284	(64,866)
Ohio Power Co.	\$622,863,679	\$582,923,481	\$9,456,730	\$30,763,951	(\$43,479,134)	\$164,511	\$13,583,573	\$10,489,631

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	Amortizations		Net Periodic Pension Cost
						Prior Service Cost/(Credit)	(Gain)/Loss	
Public Service Co of Oklahoma - Distribution	\$164,044,783	\$156,668,831	\$4,618,907	\$8,205,906	(\$11,685,625)	\$152,670	\$3,577,531	\$4,869,389
Public Service Co of Oklahoma - Generation	77,639,043	76,042,061	2,771,291	3,912,162	(5,671,830)	80,740	1,693,172	2,785,535
Public Service Co of Oklahoma - Transmission	20,249,154	19,336,572	573,171	1,013,058	(1,442,277)	19,403	441,599	604,954
Public Service Co. of Oklahoma	\$261,932,980	\$252,047,464	\$7,963,369	\$13,131,126	(\$18,799,732)	\$252,813	\$5,712,302	\$8,259,878
Southwestern Electric Power Co - Distribution	\$92,939,511	\$90,878,376	\$3,272,220	\$4,680,939	(\$6,778,442)	\$112,469	\$2,026,849	\$3,314,035
Southwestern Electric Power Co - Generation	101,255,533	99,572,865	3,704,921	5,106,586	(7,426,947)	118,503	2,208,207	3,711,270
Southwestern Electric Power Co - Texas - Distribution	52,677,881	51,438,255	1,579,279	2,639,745	(3,836,680)	58,311	1,148,813	1,589,468
Southwestern Electric Power Co - Texas - Transmission	593,622	567,020	0	28,881	(42,293)	11	12,946	(455)
Southwestern Electric Power Co - Transmission	14,744,863	15,887,454	535,185	743,412	(1,185,014)	19,320	321,560	434,463
Southwestern Electric Power Co.	\$262,211,410	\$258,343,970	\$9,091,605	\$13,199,563	(\$19,269,376)	\$308,614	\$5,718,375	\$9,048,781
AEP Texas North Company - Distribution	\$66,625,876	\$64,774,370	\$1,932,168	\$3,335,519	(\$4,831,395)	\$77,637	\$1,452,994	\$1,966,923
AEP Texas North Company - Generation	24,372,850	24,808,529	0	1,185,799	(1,850,420)	1,465	531,529	(131,627)
AEP Texas North Company - Transmission	10,078,222	9,991,486	405,660	510,067	(745,246)	10,813	219,788	401,082
AEP Texas North Co.	\$101,076,948	\$99,574,385	\$2,337,828	\$5,031,385	(\$7,427,061)	\$89,915	\$2,204,311	\$2,236,378
Kingsport Power Co - Distribution	\$12,721,785	\$11,210,884	\$164,352	\$626,942	(\$836,198)	\$3,237	\$277,440	\$235,773
Kingsport Power Co - Transmission	3,549,763	2,997,835	39,509	174,627	(223,603)	491	77,414	68,438
Kingsport Power Co.	\$16,271,548	\$14,208,719	\$203,861	\$801,569	(\$1,059,801)	\$3,728	\$354,854	\$304,211
Wheeling Power Co - Distribution	\$15,701,382	\$15,060,570	\$268,711	\$776,985	(\$1,123,339)	\$5,900	\$342,420	\$270,677
Wheeling Power Co - Transmission	1,003,582	975,481	0	48,827	(72,759)	9	21,886	(2,037)
Wheeling Power Co.	\$16,704,964	\$16,036,051	\$268,711	\$825,812	(\$1,196,098)	\$5,909	\$364,306	\$268,640
AEP Energy Services, Inc.	\$1,985,131	\$1,428,722	\$0	\$96,582	(\$106,566)	\$331	\$43,292	\$33,639
AEP T & D Services, LLC	0	0	0	0	0	0	0	0
AEP Texas Central Company - Nuclear	0	0	0	0	0	0	0	0
American Electric Power Service Corporation	1,349,007,379	1,283,411,138	28,322,934	67,010,529	(95,727,155)	592,150	29,419,507	29,617,965
C3 Communications, Inc.	925,793	1,193,827	0	45,042	(89,045)	21	20,190	(23,792)
EnerShop Inc.	0	0	0	0	0	0	0	0
Houston Pipeline (HPL)	945,661	3,487,753	0	46,009	(260,145)	22	20,623	(193,491)
American Electric Power Service Corp	\$1,352,863,964	\$1,289,521,440	\$28,322,934	\$67,198,162	(\$96,182,911)	\$592,524	\$29,503,612	\$29,434,321
AEP Pro Serv, Inc.	\$1,082,972	\$935,837	\$0	\$52,689	(\$69,802)	\$40	\$23,618	\$6,545
AEP River Operations LLC	23,696,136	29,821,547	4,672,675	1,380,213	(2,224,331)	37,531	516,771	4,382,859
CSW Energy, Inc.	4,450,732	3,814,485	166,770	224,653	(284,515)	3,062	97,063	207,033
Elmwood	2,758,039	3,559,712	480,244	157,550	(265,512)	6,701	60,148	439,131
Miscellaneous	\$31,987,879	\$38,131,581	\$5,319,689	\$1,815,105	(\$2,844,160)	\$47,334	\$697,600	\$5,035,568
Total	\$4,650,149,766	\$4,419,592,281	\$99,527,909	\$231,083,573	(\$329,648,834)	\$2,218,916	\$101,411,673	\$104,593,237

**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	Amortizations		Net Periodic Pension Cost
						Prior Service Cost/(Credit)	(Gain)/Loss	
Appalachian Power Co - Distribution	\$324,222,959	\$299,074,374	\$4,971,605	\$16,004,664	(\$22,256,340)	\$84,048	\$6,477,115	\$5,281,092
Appalachian Power Co - Generation	267,166,124	249,383,690	4,736,628	13,219,271	(18,558,488)	80,120	5,337,271	4,814,802
Appalachian Power Co - Transmission	48,688,737	44,844,050	655,306	2,398,991	(3,337,178)	11,874	972,672	701,665
Appalachian Power Co. - FERC	\$640,077,820	\$593,302,114	\$10,363,539	\$31,622,926	(\$44,152,006)	\$176,042	\$12,787,058	\$10,797,559
Cedar Coal Co	3,176,446	3,042,731	0	154,431	(226,432)	0	63,457	(8,544)
Central Coal Company	0	0	0	0	0	0	0	0
Appalachian Power Co. - SEC	\$643,254,266	\$596,344,845	\$10,363,539	\$31,777,357	(\$44,378,438)	\$176,042	\$12,850,515	\$10,789,015
AEP Texas Central Company - Distribution	\$268,055,313	\$254,665,000	\$6,385,351	\$13,342,659	(\$18,951,509)	\$230,717	\$5,355,035	\$6,362,253
AEP Texas Central Company - Generation	26,913,588	41,331,010	812	1,308,515	(3,075,747)	0	537,662	(1,228,758)
AEP Texas Central Company - Transmission	29,652,335	28,105,776	806,855	1,480,854	(2,091,559)	26,282	592,375	814,807
AEP Texas Central Co.	\$324,621,236	\$324,101,786	\$7,193,018	\$16,132,028	(\$24,118,815)	\$256,999	\$6,485,072	\$5,948,302
Columbus Southern Power Co - Distribution	\$214,316,457	\$196,235,657	\$3,113,976	\$10,570,956	(\$14,603,349)	\$51,434	\$4,281,475	\$3,414,492
Columbus Southern Power Co - Generation	103,614,828	94,918,922	1,542,218	5,112,488	(7,063,620)	26,926	2,069,950	1,687,962
Columbus Southern Power Co - Transmission	21,235,470	19,374,198	202,557	1,042,266	(1,441,778)	6,330	424,228	233,603
Columbus Southern Power Co. - FERC	\$339,166,755	\$310,528,777	\$4,858,751	\$16,725,710	(\$23,108,747)	\$84,690	\$6,775,653	\$5,336,057
Conesville Coal Preparation Company	4,144,939	3,770,863	32,938	203,119	(280,618)	614	82,805	38,858
Columbus Southern Power Co. - SEC	\$343,311,694	\$314,299,640	\$4,891,689	\$16,928,829	(\$23,389,365)	\$85,304	\$6,858,458	\$5,374,915
Indiana Michigan Power Co - Distribution	\$172,844,528	\$153,137,269	\$2,770,177	\$8,537,973	(\$11,396,079)	\$43,409	\$3,452,976	\$3,408,456
Indiana Michigan Power Co - Generation	109,030,393	104,541,686	1,978,856	5,397,008	(7,779,721)	28,877	2,178,138	1,803,158
Indiana Michigan Power Co - Nuclear	198,323,067	198,895,552	7,059,229	9,985,203	(14,801,292)	80,170	3,961,969	6,285,279
Indiana Michigan Power Co - Transmission	36,720,788	33,861,235	595,234	1,814,217	(2,519,865)	9,513	733,584	632,683
Ind Mich River Transp Lakin	31,714,509	33,032,047	1,174,917	1,599,006	(2,458,159)	15,502	633,572	964,838
Indiana Michigan Power Co. - FERC	\$548,633,285	\$523,467,789	\$13,578,413	\$27,333,407	(\$38,955,116)	\$177,471	\$10,960,239	\$13,094,414
Price River Coal	404,641	471,067	0	19,673	(35,056)	0	8,084	(7,299)
Indiana Michigan Power Co. - SEC	\$549,037,926	\$523,938,856	\$13,578,413	\$27,353,080	(\$38,990,172)	\$177,471	\$10,968,323	\$13,087,115
Kentucky Power Co - Distribution	\$72,333,137	\$67,617,390	\$1,113,809	\$3,570,818	(\$5,031,911)	\$22,145	\$1,445,024	\$1,119,885
Kentucky Power Co - Generation	34,553,066	32,947,887	667,124	1,712,323	(2,451,896)	11,852	690,279	629,682
Kentucky Power Co - Transmission	7,724,750	7,683,247	218,115	386,163	(571,767)	3,639	154,320	190,470
Kentucky Power Co.	\$114,610,953	\$108,248,524	\$1,999,048	\$5,669,304	(\$8,055,574)	\$37,636	\$2,289,623	\$1,940,037
Cardinal Operating Company	\$73,473,848	\$64,652,293	\$1,387,998	\$3,639,607	(\$4,811,256)	\$16,734	\$1,467,813	\$1,700,896
Central Ohio Coal	8,515,512	9,658,674	0	414,004	(718,773)	0	170,117	(134,652)
Cook Coal Terminal	3,118,774	3,151,338	106,371	156,799	(234,514)	871	62,305	91,832
Ohio Power Co - Distribution	227,803,888	203,522,159	3,585,983	11,249,631	(15,145,592)	61,669	4,550,918	4,302,609
Ohio Power Co - Generation	234,889,043	229,144,856	3,876,460	11,608,216	(17,052,366)	64,419	4,692,460	3,189,189
Ohio Power Co - Transmission	52,195,215	47,509,888	878,188	2,580,304	(3,535,563)	16,047	1,042,722	981,698
Southern Ohio Coal - Martinka	6,952,792	7,926,808	0	338,028	(589,893)	0	138,898	(112,967)
Southern Ohio Coal - Meigs	9,847,533	10,722,567	0	478,764	(797,946)	0	196,728	(122,454)
Windsor	3,116,257	3,903,563	0	151,505	(290,493)	0	62,255	(76,733)
Ohio Power Co.	\$619,912,862	\$580,192,146	\$9,835,000	\$30,616,858	(\$43,176,396)	\$159,740	\$12,384,216	\$9,819,418

**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	Amortizations		Net Periodic Pension Cost
						Prior Service Cost/(Credit)	(Gain)/Loss	
Public Service Co of Oklahoma - Distribution	\$163,267,621	\$155,238,426	\$4,803,663	\$8,171,230	(\$11,552,441)	\$148,180	\$3,261,654	\$4,832,286
Public Service Co of Oklahoma - Generation	77,271,228	74,477,912	2,882,143	3,896,868	(5,542,453)	79,178	1,543,674	2,859,410
Public Service Co of Oklahoma - Transmission	20,153,224	19,296,454	596,098	1,008,783	(1,435,992)	18,956	402,608	590,453
Public Service Co. of Oklahoma	\$260,692,073	\$249,012,792	\$8,281,904	\$13,076,881	(\$18,530,886)	\$246,314	\$5,207,936	\$8,282,149
Southwestern Electric Power Co - Distribution	\$92,499,210	\$89,716,571	\$3,403,109	\$4,662,545	(\$6,676,475)	\$110,193	\$1,847,889	\$3,347,261
Southwestern Electric Power Co - Generation	100,775,835	98,385,503	3,853,118	5,086,813	(7,321,594)	116,270	2,013,234	3,747,841
Southwestern Electric Power Co - Texas - Distribution	52,428,320	50,866,771	1,642,451	2,628,794	(3,785,373)	57,264	1,047,379	1,590,515
Southwestern Electric Power Co - Texas - Transmission	590,809	572,596	0	28,724	(42,611)	0	11,803	(2,084)
Southwestern Electric Power Co - Transmission	14,675,010	15,301,615	556,592	740,525	(1,138,707)	18,985	293,168	470,563
Southwestern Electric Power Co.	\$260,969,184	\$254,843,056	\$9,455,270	\$13,147,401	(\$18,964,760)	\$302,712	\$5,213,473	\$9,154,096
AEP Texas North Company - Distribution	\$66,310,236	\$64,221,190	\$2,009,455	\$3,321,542	(\$4,779,175)	\$76,192	\$1,324,703	\$1,952,717
AEP Texas North Company - Generation	24,257,384	24,686,509	0	1,179,337	(1,837,106)	760	484,598	(172,411)
AEP Texas North Company - Transmission	10,030,476	9,748,859	421,886	508,169	(725,485)	10,619	200,382	415,571
AEP Texas North Co.	\$100,598,096	\$98,656,558	\$2,431,341	\$5,009,048	(\$7,341,766)	\$87,571	\$2,009,683	\$2,195,877
Kingsport Power Co - Distribution	\$12,661,516	\$11,210,396	\$170,926	\$623,883	(\$834,249)	\$3,146	\$252,944	\$216,650
Kingsport Power Co - Transmission	3,532,946	2,945,386	41,089	173,761	(219,188)	471	70,579	66,712
Kingsport Power Co.	\$16,194,462	\$14,155,782	\$212,015	\$797,644	(\$1,053,437)	\$3,617	\$323,523	\$283,362
Wheeling Power Co - Distribution	\$15,626,996	\$14,994,312	\$279,460	\$773,334	(\$1,115,838)	\$5,760	\$312,186	\$254,902
Wheeling Power Co - Transmission	998,828	953,530	0	48,561	(70,959)	0	19,954	(2,444)
Wheeling Power Co.	\$16,625,824	\$15,947,842	\$279,460	\$821,895	(\$1,186,797)	\$5,760	\$332,140	\$252,458
AEP Energy Services, Inc.	\$1,975,726	\$1,506,841	\$0	\$96,055	(\$112,135)	\$304	\$39,470	\$23,694
AEP T & D Services, LLC	0	0	0	0	0	0	0	0
AEP Texas Central Company - Nuclear	0	0	0	0	0	0	0	0
American Electric Power Service Corporation	1,342,616,460	1,280,915,463	29,455,852	66,706,926	(95,322,408)	572,140	26,821,918	28,234,428
C3 Communications, Inc.	921,407	1,289,992	0	44,797	(95,998)	0	18,407	(32,794)
EnerShop Inc.	0	0	0	0	0	0	0	0
Houston Pipeline (HPL)	941,181	3,764,319	0	45,758	(280,131)	0	18,802	(215,571)
American Electric Power Service Corp	\$1,346,454,774	\$1,287,476,615	\$29,455,852	\$66,893,536	(\$95,810,672)	\$572,444	\$26,898,597	\$28,009,757
AEP Pro Serv, Inc.	\$1,077,841	\$930,332	\$0	\$52,402	(\$69,233)	\$39	\$21,532	\$4,740
AEP River Operations LLC	23,583,875	29,950,529	4,859,582	1,382,854	(2,228,841)	36,462	471,143	4,521,200
CSW Energy, Inc.	4,429,647	3,948,993	173,441	223,791	(293,874)	2,948	88,493	194,799
Elmwood	2,744,973	3,587,701	499,454	157,736	(266,987)	6,512	54,837	451,552
Miscellaneous	\$31,836,336	\$38,417,555	\$5,532,477	\$1,816,783	(\$2,858,935)	\$45,961	\$636,005	\$5,172,291
Total	\$4,628,119,686	\$4,405,635,997	\$103,509,026	\$230,040,644	(\$327,856,013)	\$2,157,571	\$92,457,564	\$100,308,792

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	Amortizations		Net Periodic Pension Cost
						Prior Service Cost/(Credit)	(Gain)/Loss	
Appalachian Power Co - Distribution	\$322,515,391	\$296,591,826	\$5,170,470	\$15,913,846	(\$22,043,192)	\$78,793	\$5,908,237	\$5,028,154
Appalachian Power Co - Generation	265,759,055	247,414,615	4,926,093	13,145,644	(18,388,261)	74,093	4,868,504	4,626,073
Appalachian Power Co - Transmission	48,432,311	44,857,355	681,518	2,385,180	(3,333,872)	11,419	887,243	631,488
Appalachian Power Co. - FERC	\$636,706,757	\$588,863,796	\$10,778,081	\$31,444,670	(\$43,765,325)	\$164,305	\$11,663,984	\$10,285,715
Cedar Coal Co	3,159,717	3,002,545	0	153,450	(223,154)	0	57,884	(11,820)
Central Coal Company	0	0	0	0	0	0	0	0
Appalachian Power Co. - SEC	\$639,866,474	\$591,866,341	\$10,778,081	\$31,598,120	(\$43,988,479)	\$164,305	\$11,721,868	\$10,273,895
AEP Texas Central Company - Distribution	\$266,643,560	\$251,232,355	\$6,640,765	\$13,271,871	(\$18,672,002)	\$32,327	\$4,884,707	\$6,157,668
AEP Texas Central Company - Generation	26,771,844	42,842,087	844	1,300,198	(3,184,094)	0	490,440	(1,392,612)
AEP Texas Central Company - Transmission	29,496,166	27,879,735	839,129	1,473,213	(2,072,068)	3,887	540,347	784,508
AEP Texas Central Co.	\$322,911,570	\$321,954,177	\$7,480,738	\$16,045,282	(\$23,928,164)	\$36,214	\$5,915,494	\$5,549,564
Columbus Southern Power Co - Distribution	\$213,187,728	\$193,526,583	\$3,238,535	\$10,510,597	(\$14,383,214)	\$43,133	\$3,905,437	\$3,314,488
Columbus Southern Power Co - Generation	103,069,125	93,394,608	1,603,906	5,083,376	(6,941,241)	24,290	1,888,148	1,658,479
Columbus Southern Power Co - Transmission	21,123,630	19,135,164	210,660	1,036,086	(1,422,157)	5,493	386,969	217,051
Columbus Southern Power Co. - FERC	\$337,380,483	\$306,056,355	\$5,053,101	\$16,630,059	(\$22,746,612)	\$72,916	\$6,180,554	\$5,190,018
Conesville Coal Preparation Company	4,123,109	3,758,054	34,256	201,900	(279,305)	614	75,532	32,997
Columbus Southern Power Co. - SEC	\$341,503,592	\$309,814,409	\$5,087,357	\$16,831,959	(\$23,025,917)	\$73,530	\$6,256,086	\$5,223,015
Indiana Michigan Power Co - Distribution	\$171,934,217	\$150,705,326	\$2,880,985	\$8,489,784	(\$11,200,668)	\$37,120	\$3,149,704	\$3,356,925
Indiana Michigan Power Co - Generation	108,456,168	104,692,623	2,058,010	5,367,047	(7,780,928)	26,761	1,986,835	1,657,725
Indiana Michigan Power Co - Nuclear	197,278,569	200,874,319	7,341,598	9,937,242	(14,929,310)	67,613	3,613,994	6,031,137
Indiana Michigan Power Co - Transmission	36,527,393	32,828,231	619,043	1,803,992	(2,439,848)	8,588	669,154	660,929
Ind Mich River Transp Lakin	31,547,480	33,089,062	1,221,914	1,591,424	(2,459,233)	10,849	577,926	942,880
Indiana Michigan Power Co. - FERC	\$545,743,827	\$522,189,561	\$14,121,550	\$27,189,489	(\$38,809,987)	\$150,931	\$9,997,613	\$12,649,596
Price River Coal	402,510	476,123	0	19,548	(35,386)	0	7,374	(8,464)
Indiana Michigan Power Co. - SEC	\$546,146,337	\$522,665,684	\$14,121,550	\$27,209,037	(\$38,845,373)	\$150,931	\$10,004,987	\$12,641,132
Kentucky Power Co - Distribution	\$71,952,184	\$67,077,220	\$1,158,361	\$3,550,565	(\$4,985,289)	\$21,315	\$1,318,109	\$1,063,061
Kentucky Power Co - Generation	34,371,087	33,030,130	693,809	1,702,903	(2,454,854)	10,918	629,652	582,428
Kentucky Power Co - Transmission	7,684,067	7,769,585	226,840	384,188	(577,448)	3,227	140,766	177,573
Kentucky Power Co.	\$114,007,338	\$107,876,935	\$2,079,010	\$5,637,656	(\$8,017,591)	\$35,460	\$2,088,527	\$1,823,062
Cardinal Operating Company	\$73,086,887	\$63,675,250	\$1,443,518	\$3,619,520	(\$4,732,449)	\$15,877	\$1,338,896	\$1,685,362
Central Ohio Coal	8,470,664	9,478,317	0	411,372	(704,444)	0	155,176	(137,896)
Cook Coal Terminal	3,102,348	3,130,712	110,626	156,036	(232,680)	855	56,833	91,670
Ohio Power Co - Distribution	226,604,125	200,812,527	3,729,422	11,185,995	(14,924,717)	53,853	4,151,215	4,195,768
Ohio Power Co - Generation	233,651,966	228,408,006	4,031,518	11,542,940	(16,975,658)	58,019	4,280,327	2,937,146
Ohio Power Co - Transmission	51,920,322	47,294,419	913,315	2,565,830	(3,514,999)	13,832	951,141	929,119
Southern Ohio Coal - Martinka	6,916,174	8,065,121	0	335,879	(599,413)	0	126,699	(136,835)
Southern Ohio Coal - Meigs	9,795,669	10,215,711	0	475,720	(759,248)	0	179,449	(104,079)
Windsor	3,099,845	3,988,814	0	150,542	(296,455)	0	56,787	(89,126)
Ohio Power Co.	\$616,648,000	\$575,068,877	\$10,228,399	\$30,443,834	(\$42,740,063)	\$142,436	\$11,296,523	\$9,371,129

**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	Amortizations		Net Periodic Pension Cost
						Prior Service Cost/(Credit)	(Gain)/Loss	
Public Service Co of Oklahoma - Distribution	\$162,407,748	\$153,141,445	\$4,995,810	\$8,129,842	(\$11,381,724)	\$23,036	\$2,975,187	\$4,742,151
Public Service Co of Oklahoma - Generation	76,864,267	73,201,480	2,997,429	3,878,430	(5,440,454)	11,866	1,408,095	2,855,366
Public Service Co of Oklahoma - Transmission	20,047,084	18,970,228	619,942	1,003,680	(1,409,899)	2,611	367,247	583,581
Public Service Co. of Oklahoma	\$259,319,099	\$245,313,153	\$8,613,181	\$13,011,952	(\$18,232,077)	\$37,513	\$4,750,529	\$8,181,098
Southwestern Electric Power Co - Distribution	\$92,012,050	\$88,091,181	\$3,539,233	\$4,640,384	(\$6,547,081)	\$16,285	\$1,685,591	\$3,334,412
Southwestern Electric Power Co - Generation	100,245,084	96,819,492	4,007,243	5,062,945	(7,195,784)	15,968	1,836,414	3,726,786
Southwestern Electric Power Co - Texas - Distribution	52,152,198	50,328,856	1,708,149	2,615,692	(3,740,523)	8,496	955,389	1,547,203
Southwestern Electric Power Co - Texas - Transmission	587,698	580,405	0	28,541	(43,137)	0	10,766	(3,830)
Southwestern Electric Power Co - Transmission	14,597,722	15,148,776	578,856	737,040	(1,125,882)	2,932	267,419	460,365
Southwestern Electric Power Co.	\$259,594,752	\$250,968,710	\$9,833,481	\$13,084,602	(\$18,652,407)	\$43,681	\$4,755,579	\$9,064,936
AEP Texas North Company - Distribution	\$65,961,003	\$62,917,451	\$2,089,833	\$3,304,844	(\$4,676,128)	\$10,480	\$1,208,355	\$1,937,384
AEP Texas North Company - Generation	24,129,629	24,395,973	0	1,171,839	(1,813,149)	92	442,036	(199,182)
AEP Texas North Company - Transmission	9,977,649	9,593,077	438,762	505,866	(712,973)	1,612	182,783	416,050
AEP Texas North Co.	\$100,068,281	\$96,906,501	\$2,528,595	\$4,982,549	(\$7,202,250)	\$12,184	\$1,833,174	\$2,154,252
Kingsport Power Co - Distribution	\$12,594,832	\$11,149,451	\$177,763	\$620,293	(\$828,646)	\$2,930	\$230,728	\$203,068
Kingsport Power Co - Transmission	3,514,339	2,891,954	42,733	172,747	(214,935)	389	64,380	65,314
Kingsport Power Co.	\$16,109,171	\$14,041,405	\$220,496	\$793,040	(\$1,043,581)	\$3,319	\$295,108	\$268,382
Wheeling Power Co - Distribution	\$15,544,694	\$14,897,017	\$290,638	\$769,032	(\$1,107,171)	\$4,849	\$284,767	\$242,115
Wheeling Power Co - Transmission	993,567	935,522	0	48,252	(69,530)	0	18,201	(3,077)
Wheeling Power Co.	\$16,538,261	\$15,832,539	\$290,638	\$817,284	(\$1,176,701)	\$4,849	\$302,968	\$239,038
AEP Energy Services, Inc.	\$1,965,321	\$1,519,632	\$0	\$95,445	(\$112,942)	\$304	\$36,003	\$18,810
AEP T & D Services, LLC	0	0	0	0	0	0	0	0
AEP Texas Central Company - Nuclear	0	0	0	0	0	0	0	0
American Electric Power Service Corporation	1,335,545,371	1,277,229,286	30,634,085	66,347,597	(94,925,779)	277,112	24,466,178	26,799,193
C3 Communications, Inc.	916,555	1,394,063	0	44,512	(103,609)	0	16,791	(42,306)
EnerShop Inc.	0	0	0	0	0	0	0	0
Houston Pipeline (HPL)	936,224	4,063,638	0	45,467	(302,016)	0	17,151	(239,398)
American Electric Power Service Corp	\$1,339,363,471	\$1,284,206,619	\$30,634,085	\$66,533,021	(\$95,444,346)	\$277,416	\$24,536,123	\$26,536,299
AEP Pro Serv, Inc.	\$1,072,165	\$924,947	\$0	\$52,069	(\$68,744)	\$39	\$19,641	\$3,005
AEP River Operations LLC	23,459,667	30,080,471	5,053,965	1,384,746	(2,235,630)	21,752	429,763	4,654,596
CSW Energy, Inc.	4,406,318	4,002,627	180,379	222,750	(297,482)	1,319	80,720	187,686
Elmwood	2,730,516	3,592,765	519,432	157,832	(267,020)	3,927	50,021	464,192
Miscellaneous	\$31,668,666	\$38,600,810	\$5,753,776	\$1,817,397	(\$2,868,876)	\$27,037	\$580,145	\$5,309,479
Total	\$4,603,745,012	\$4,375,116,160	\$107,649,387	\$228,805,733	(\$325,165,825)	\$1,008,875	\$84,337,111	\$96,635,281

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	Amortizations		Net Periodic Pension Cost
						Prior Service Cost/(Credit)	(Gain)/Loss	
Appalachian Power Co - Distribution	\$320,411,494	\$293,716,466	\$5,377,288	\$15,807,747	(\$21,804,872)	\$865	\$5,394,596	\$4,775,624
Appalachian Power Co - Generation	264,025,402	245,327,865	5,123,137	13,059,480	(18,212,607)	815	4,445,254	4,416,079
Appalachian Power Co - Transmission	48,116,367	44,545,155	708,779	2,369,067	(3,306,935)	126	810,109	581,146
Appalachian Power Co. - FERC	\$632,553,263	\$583,589,486	\$11,209,204	\$31,236,294	(\$43,324,414)	\$1,806	\$10,649,959	\$9,772,849
Cedar Coal Co	3,139,105	2,962,945	0	152,314	(219,963)	0	52,851	(14,798)
Central Coal Company	0	0	0	0	0	0	0	0
Appalachian Power Co. - SEC	\$635,692,368	\$586,552,431	\$11,209,204	\$31,388,608	(\$43,544,377)	\$1,806	\$10,702,810	\$9,758,051
AEP Texas Central Company - Distribution	\$264,904,137	\$246,697,098	\$6,906,396	\$13,188,643	(\$18,314,256)	\$66	\$4,460,048	\$6,240,897
AEP Texas Central Company - Generation	26,597,200	43,836,177	878	1,290,578	(3,254,302)	0	447,803	(1,515,043)
AEP Texas Central Company - Transmission	29,303,751	27,608,439	872,694	1,464,205	(2,049,590)	10	493,371	780,690
AEP Texas Central Co.	\$320,805,088	\$318,141,714	\$7,779,968	\$15,943,426	(\$23,618,148)	\$76	\$5,401,222	\$5,506,544
Columbus Southern Power Co - Distribution	\$211,797,019	\$190,658,433	\$3,368,077	\$10,440,124	(\$14,154,068)	\$474	\$3,565,912	\$3,220,519
Columbus Southern Power Co - Generation	102,396,764	92,111,743	1,668,063	5,049,377	(6,838,176)	267	1,723,999	1,603,530
Columbus Southern Power Co - Transmission	20,985,832	18,867,682	219,086	1,028,894	(1,400,696)	60	353,327	200,671
Columbus Southern Power Co. - FERC	\$335,179,615	\$301,637,858	\$5,255,226	\$16,518,395	(\$22,392,940)	\$801	\$5,643,238	\$5,024,720
Conesville Coal Preparation Company	4,096,212	3,743,300	35,626	200,483	(277,894)	7	68,966	27,188
Columbus Southern Power Co. - SEC	\$339,275,827	\$305,381,158	\$5,290,852	\$16,718,878	(\$22,670,834)	\$808	\$5,712,204	\$5,051,908
Indiana Michigan Power Co - Distribution	\$170,812,621	\$148,875,447	\$2,996,224	\$8,433,459	(\$11,052,190)	\$408	\$2,875,880	\$3,253,781
Indiana Michigan Power Co - Generation	107,748,665	104,090,997	2,140,330	5,331,974	(7,727,489)	294	1,814,106	1,559,215
Indiana Michigan Power Co - Nuclear	195,991,642	200,308,092	7,635,262	9,880,274	(14,870,437)	744	3,299,806	5,945,649
Indiana Michigan Power Co - Transmission	36,289,110	32,537,247	643,805	1,792,039	(2,415,494)	94	610,980	631,424
Ind Mich River Transp Lakin	31,341,683	33,110,077	1,270,790	1,582,405	(2,458,020)	119	527,683	922,977
Indiana Michigan Power Co. - FERC	\$542,183,721	\$518,921,860	\$14,686,411	\$27,020,151	(\$38,523,630)	\$1,659	\$9,128,455	\$12,313,046
Price River Coal	399,884	481,360	0	19,403	(35,735)	0	6,733	(9,599)
Indiana Michigan Power Co. - SEC	\$542,583,605	\$519,403,220	\$14,686,411	\$27,039,554	(\$38,559,365)	\$1,659	\$9,135,188	\$12,303,447
Kentucky Power Co - Distribution	\$71,482,811	\$66,582,002	\$1,204,695	\$3,526,904	(\$4,942,903)	\$235	\$1,203,518	\$992,449
Kentucky Power Co - Generation	34,146,871	32,942,728	721,561	1,691,867	(2,445,597)	120	574,912	542,863
Kentucky Power Co - Transmission	7,633,941	7,823,150	235,913	381,857	(580,774)	36	128,529	165,561
Kentucky Power Co.	\$113,263,623	\$107,347,880	\$2,162,169	\$5,600,628	(\$7,969,274)	\$391	\$1,906,959	\$1,700,873
Cardinal Operating Company	\$72,610,112	\$62,449,358	\$1,501,259	\$3,595,992	(\$4,636,105)	\$175	\$1,222,497	\$1,683,818
Central Ohio Coal	8,415,407	9,562,822	0	408,328	(709,923)	0	141,686	(159,909)
Cook Coal Terminal	3,082,110	3,085,741	115,051	155,131	(229,079)	9	51,892	93,004
Ohio Power Co - Distribution	225,125,896	198,310,813	3,878,599	11,111,632	(14,722,164)	592	3,790,324	4,058,983
Ohio Power Co - Generation	232,127,760	226,932,633	4,192,779	11,466,617	(16,846,985)	638	3,908,210	2,721,259
Ohio Power Co - Transmission	51,581,624	46,869,991	949,848	2,548,904	(3,479,526)	152	868,452	887,830
Southern Ohio Coal - Martinka	6,871,057	8,200,168	0	333,394	(608,763)	0	115,684	(159,685)
Southern Ohio Coal - Meigs	9,731,768	10,290,952	0	472,200	(763,978)	0	163,849	(127,929)
Windsor	3,079,623	4,078,611	0	149,428	(302,787)	0	51,850	(101,509)
Ohio Power Co.	\$612,625,357	\$569,781,089	\$10,637,536	\$30,241,626	(\$42,299,310)	\$1,566	\$10,314,444	\$8,895,862

**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	Amortizations		Net Periodic Pension Cost
						Prior Service Cost/(Credit)	(Gain)/Loss	
Public Service Co of Oklahoma - Distribution	\$161,348,297	\$150,462,218	\$5,195,642	\$8,080,955	(\$11,169,988)	\$77	\$2,716,534	\$4,823,220
Public Service Co of Oklahoma - Generation	76,362,851	71,644,457	3,117,326	3,856,494	(5,318,729)	31	1,285,680	2,940,802
Public Service Co of Oklahoma - Transmission	19,916,308	18,403,792	644,739	997,652	(1,366,258)	5	335,320	611,458
Public Service Co. of Oklahoma	\$257,627,456	\$240,510,467	\$8,957,707	\$12,935,101	(\$17,854,975)	\$113	\$4,337,534	\$8,375,480
Southwestern Electric Power Co - Distribution	\$91,411,818	\$86,392,613	\$3,680,803	\$4,614,033	(\$6,413,600)	\$45	\$1,539,052	\$3,420,333
Southwestern Electric Power Co - Generation	99,591,145	94,808,410	4,167,532	5,034,522	(7,038,370)	32	1,676,763	3,840,479
Southwestern Electric Power Co - Texas - Distribution	51,811,989	49,036,527	1,776,475	2,600,190	(3,640,365)	22	872,331	1,608,653
Southwestern Electric Power Co - Texas - Transmission	583,864	586,598	0	28,330	(43,548)	0	9,830	(5,388)
Southwestern Electric Power Co - Transmission	14,502,495	15,027,260	602,010	732,893	(1,115,591)	9	244,171	463,492
Southwestern Electric Power Co.	\$257,901,311	\$245,851,408	\$10,226,820	\$13,009,968	(\$18,251,474)	\$108	\$4,342,147	\$9,327,569
AEP Texas North Company - Distribution	\$65,530,713	\$61,587,454	\$2,173,426	\$3,285,104	(\$4,572,119)	\$17	\$1,103,305	\$1,989,733
AEP Texas North Company - Generation	23,972,222	24,319,610	0	1,163,167	(1,805,435)	0	403,607	(238,661)
AEP Texas North Company - Transmission	9,912,561	9,420,276	456,312	503,113	(699,341)	4	166,892	426,980
AEP Texas North Co.	\$99,415,496	\$95,327,340	\$2,629,738	\$4,951,384	(\$7,076,895)	\$21	\$1,673,804	\$2,178,052
Kingsport Power Co - Distribution	\$12,512,671	\$11,069,726	\$184,874	\$616,103	(\$821,792)	\$32	\$210,669	\$189,886
Kingsport Power Co - Transmission	3,491,413	2,844,109	44,442	171,565	(211,140)	4	58,783	63,654
Kingsport Power Co.	\$16,004,084	\$13,913,835	\$229,316	\$787,668	(\$1,032,932)	\$36	\$269,452	\$253,540
Wheeling Power Co - Distribution	\$15,443,290	\$14,772,245	\$302,264	\$763,997	(\$1,096,659)	\$53	\$260,010	\$229,665
Wheeling Power Co - Transmission	987,086	921,951	0	47,895	(68,444)	0	16,619	(3,930)
Wheeling Power Co.	\$16,430,376	\$15,694,196	\$302,264	\$811,892	(\$1,165,103)	\$53	\$276,629	\$225,735
AEP Energy Services, Inc.	\$1,952,500	\$1,353,287	\$0	\$94,738	(\$100,465)	\$3	\$32,873	\$27,149
AEP T & D Services, LLC	0	0	0	0	0	0	0	0
AEP Texas Central Company - Nuclear	0	0	0	0	0	0	0	0
American Electric Power Service Corporation	1,326,833,077	1,269,842,646	31,859,450	65,925,740	(94,270,358)	2,760	22,339,178	25,856,770
C3 Communications, Inc.	910,576	1,506,680	0	44,182	(111,853)	0	15,331	(52,340)
EnerShop Inc.	0	0	0	0	0	0	0	0
Houston Pipeline (HPL)	930,117	4,387,554	0	45,131	(325,722)	0	15,660	(264,931)
American Electric Power Service Corp	\$1,330,626,270	\$1,277,090,167	\$31,859,450	\$66,109,791	(\$94,808,398)	\$2,763	\$22,403,042	\$25,566,648
AEP Pro Serv, Inc.	\$1,065,171	\$933,556	\$0	\$51,684	(\$69,305)	\$0	\$17,934	\$313
AEP River Operations LLC	23,306,630	29,953,175	5,256,124	1,385,906	(2,223,659)	239	392,401	4,811,011
CSW Energy, Inc.	4,377,573	3,868,922	187,594	221,509	(287,220)	13	73,703	195,599
Elmwood	2,712,704	3,581,925	540,209	157,836	(265,914)	43	45,672	477,846
Miscellaneous	\$31,462,078	\$38,337,578	\$5,983,927	\$1,816,935	(\$2,846,098)	\$295	\$529,710	\$5,484,769
Total	\$4,573,712,939	\$4,333,332,483	\$111,955,362	\$227,355,459	(\$321,697,183)	\$9,695	\$77,005,145	\$94,628,478

**American Electric Power
Qualified Retirement Plan**
Estimated 2019 Net Periodic Pension Cost

Location	Projected Benefit Obligation	Market-Related Value of Assets	Service Cost	Interest Cost	Expected Return on Assets	Amortizations		Net Periodic Pension Cost
						Prior Service Cost/(Credit)	(Gain)/Loss	
Appalachian Power Co - Distribution	\$318,082,250	\$289,408,974	\$5,592,380	\$15,698,907	(\$21,470,362)	\$0	\$4,929,614	\$4,750,539
Appalachian Power Co - Generation	262,106,060	242,182,979	5,328,062	12,971,123	(17,966,811)	0	4,062,100	4,394,474
Appalachian Power Co - Transmission	47,766,584	43,956,065	737,130	2,352,533	(3,260,965)	0	740,283	568,981
Appalachian Power Co. - FERC	\$627,954,894	\$575,548,018	\$11,657,572	\$31,022,563	(\$42,698,138)	\$0	\$9,731,997	\$9,713,994
Cedar Coal Co	3,116,285	2,925,186	0	151,146	(217,011)	0	48,296	(17,569)
Central Coal Company	0	0	0	0	0	0	0	0
Appalachian Power Co. - SEC	\$631,071,179	\$578,473,204	\$11,657,572	\$31,173,709	(\$42,915,149)	\$0	\$9,780,293	\$9,696,425
AEP Texas Central Company - Distribution	\$262,978,407	\$242,386,007	\$7,182,651	\$13,103,385	(\$17,981,873)	\$0	\$4,075,619	\$6,379,782
AEP Texas Central Company - Generation	26,403,851	45,683,287	913	1,280,687	(3,389,103)	0	409,205	(1,698,298)
AEP Texas Central Company - Transmission	29,090,726	27,365,453	907,602	1,454,983	(2,030,159)	0	450,846	783,272
AEP Texas Central Co.	\$318,472,984	\$315,434,747	\$8,091,166	\$15,839,055	(\$23,401,135)	\$0	\$4,935,670	\$5,464,756
Columbus Southern Power Co - Distribution	\$210,257,353	\$188,097,014	\$3,502,800	\$10,367,821	(\$13,954,339)	\$0	\$3,258,552	\$3,174,834
Columbus Southern Power Co - Generation	101,652,387	90,481,951	1,734,785	5,014,497	(6,712,578)	0	1,575,401	1,612,105
Columbus Southern Power Co - Transmission	20,833,275	18,615,859	227,850	1,021,509	(1,381,053)	0	322,872	191,178
Columbus Southern Power Co. - FERC	\$332,743,015	\$297,194,824	\$5,465,435	\$16,403,827	(\$22,047,970)	\$0	\$5,156,825	\$4,978,117
Conesville Coal Preparation Company	4,066,435	3,721,288	37,051	199,028	(276,071)	0	63,021	23,029
Columbus Southern Power Co. - SEC	\$336,809,450	\$300,916,112	\$5,502,486	\$16,602,855	(\$22,324,041)	\$0	\$5,219,846	\$5,001,146
Indiana Michigan Power Co - Distribution	\$169,570,893	\$146,292,493	\$3,116,073	\$8,375,685	(\$10,852,990)	\$0	\$2,627,997	\$3,266,765
Indiana Michigan Power Co - Generation	106,965,382	103,359,118	2,225,944	5,296,011	(7,667,895)	0	1,657,741	1,511,801
Indiana Michigan Power Co - Nuclear	194,566,874	200,383,014	7,940,673	9,822,046	(14,865,800)	0	3,015,382	5,912,301
Indiana Michigan Power Co - Transmission	36,025,305	32,156,465	669,557	1,779,779	(2,385,589)	0	558,317	622,064
Ind Mich River Transp Lakin	31,113,843	33,052,514	1,321,622	1,573,189	(2,452,064)	0	482,200	924,947
Indiana Michigan Power Co. - FERC	\$538,242,297	\$515,243,604	\$15,273,869	\$26,846,710	(\$38,224,338)	\$0	\$8,341,637	\$12,237,878
Price River Coal	396,977	486,770	0	19,254	(36,112)	0	6,152	(10,706)
Indiana Michigan Power Co. - SEC	\$538,639,274	\$515,730,374	\$15,273,869	\$26,865,964	(\$38,260,450)	\$0	\$8,347,789	\$12,227,172
Kentucky Power Co - Distribution	\$70,963,164	\$66,009,669	\$1,252,883	\$3,502,632	(\$4,897,054)	\$0	\$1,099,782	\$958,243
Kentucky Power Co - Generation	33,898,639	32,711,841	750,423	1,680,553	(2,426,791)	0	525,359	529,544
Kentucky Power Co - Transmission	7,578,445	7,788,734	245,350	379,471	(577,822)	0	117,450	164,449
Kentucky Power Co.	\$112,440,248	\$106,510,244	\$2,248,656	\$5,562,656	(\$7,901,667)	\$0	\$1,742,591	\$1,652,236
Cardinal Operating Company	\$72,082,270	\$61,096,002	\$1,561,309	\$3,571,870	(\$4,532,525)	\$0	\$1,117,125	\$1,717,779
Central Ohio Coal	8,354,231	9,679,113	0	405,198	(718,064)	0	129,473	(183,393)
Cook Coal Terminal	3,059,705	3,048,037	119,653	154,206	(226,124)	0	47,419	95,154
Ohio Power Co - Distribution	223,489,335	195,588,840	4,033,743	11,035,352	(14,510,135)	0	3,463,621	4,022,581
Ohio Power Co - Generation	230,440,299	224,495,427	4,360,490	11,388,337	(16,654,626)	0	3,571,346	2,665,547
Ohio Power Co - Transmission	51,206,650	46,388,717	987,842	2,531,544	(3,441,436)	0	793,597	871,547
Southern Ohio Coal - Martinka	6,821,108	8,331,130	0	330,838	(618,061)	0	105,713	(181,510)
Southern Ohio Coal - Meigs	9,661,023	10,016,267	0	468,580	(743,076)	0	149,726	(124,770)
Windsor	3,057,236	4,162,645	0	148,282	(308,814)	0	47,381	(113,151)
Ohio Power Co.	\$608,171,857	\$562,806,178	\$11,063,037	\$30,034,207	(\$41,752,861)	\$0	\$9,425,401	\$8,769,784

**American Electric Power
Qualified Retirement Plan**
Estimated 2019 Net Periodic Pension Cost

Location	Projected Benefit Obligation	Market-Related Value of Assets	Service Cost	Interest Cost	Expected Return on Assets	Amortizations		Net Periodic Pension Cost
						Prior Service Cost/(Credit)	(Gain)/Loss	
Public Service Co of Oklahoma - Distribution	\$160,175,370	\$147,403,269	\$5,403,468	\$8,030,925	(\$10,935,396)	\$0	\$2,482,386	\$4,981,383
Public Service Co of Oklahoma - Generation	75,807,728	69,719,476	3,242,019	3,834,081	(5,172,274)	0	1,174,862	3,078,688
Public Service Co of Oklahoma - Transmission	19,771,526	18,072,318	670,529	991,483	(1,340,730)	0	306,418	627,700
Public Service Co. of Oklahoma	\$255,754,624	\$235,195,063	\$9,316,016	\$12,856,489	(\$17,448,400)	\$0	\$3,963,666	\$8,687,771
Southwestern Electric Power Co - Distribution	\$90,747,297	\$84,042,891	\$3,828,035	\$4,587,104	(\$6,234,884)	\$0	\$1,406,395	\$3,586,650
Southwestern Electric Power Co - Generation	98,867,164	92,633,239	4,334,234	5,005,487	(6,872,175)	0	1,532,236	3,999,782
Southwestern Electric Power Co - Texas - Distribution	51,435,340	47,903,137	1,847,534	2,584,333	(3,553,787)	0	797,141	1,675,221
Southwestern Electric Power Co - Texas - Transmission	579,620	590,938	0	28,113	(43,840)	0	8,983	(6,744)
Southwestern Electric Power Co - Transmission	14,397,068	14,861,713	626,090	728,655	(1,102,545)	0	223,125	475,325
Southwestern Electric Power Co.	\$256,026,489	\$240,031,918	\$10,635,893	\$12,933,692	(\$17,807,231)	\$0	\$3,967,880	\$9,730,234
AEP Texas North Company - Distribution	\$65,054,335	\$60,293,519	\$2,260,363	\$3,264,906	(\$4,472,991)	\$0	\$1,008,207	\$2,060,485
AEP Texas North Company - Generation	23,797,955	24,295,289	0	1,154,251	(1,802,393)	0	368,819	(279,323)
AEP Texas North Company - Transmission	9,840,501	9,028,797	474,565	500,303	(669,819)	0	152,507	457,556
AEP Texas North Co.	\$98,692,791	\$93,617,605	\$2,734,928	\$4,919,460	(\$6,945,203)	\$0	\$1,529,533	\$2,238,718
Kingsport Power Co - Distribution	\$12,421,710	\$10,944,386	\$192,269	\$611,805	(\$811,930)	\$0	\$192,511	\$184,655
Kingsport Power Co - Transmission	3,466,032	2,779,035	46,220	170,352	(206,168)	0	53,716	64,120
Kingsport Power Co.	\$15,887,742	\$13,723,421	\$238,489	\$782,157	(\$1,018,098)	\$0	\$246,227	\$248,775
Wheeling Power Co - Distribution	\$15,331,025	\$14,604,639	\$314,354	\$758,834	(\$1,083,473)	\$0	\$237,599	\$227,314
Wheeling Power Co - Transmission	979,910	913,325	0	47,528	(67,757)	0	15,187	(5,042)
Wheeling Power Co.	\$16,310,935	\$15,517,964	\$314,354	\$806,362	(\$1,151,230)	\$0	\$252,786	\$222,272
AEP Energy Services, Inc.	\$1,938,306	\$1,427,109	\$0	\$94,012	(\$105,873)	\$0	\$30,040	\$18,179
AEP T & D Services, LLC	0	0	0	0	0	0	0	0
AEP Texas Central Company - Nuclear	0	0	0	0	0	0	0	0
American Electric Power Service Corporation	1,317,187,611	1,258,235,056	33,133,826	65,493,455	(93,344,592)	0	20,413,671	25,696,360
C3 Communications, Inc.	903,956	1,628,537	0	43,844	(120,816)	0	14,009	(62,963)
EnerShop Inc.	0	0	0	0	0	0	0	0
Houston Pipeline (HPL)	923,355	4,629,007	0	44,785	(343,412)	0	14,310	(284,317)
American Electric Power Service Corp	\$1,320,953,228	\$1,265,919,709	\$33,133,826	\$65,676,096	(\$93,914,693)	\$0	\$20,472,030	\$25,367,259
AEP Pro Serv, Inc.	\$1,057,427	\$957,117	\$0	\$51,287	(\$71,006)	\$0	\$16,388	(\$3,331)
AEP River Operations LLC	23,137,202	29,646,712	5,466,369	1,387,334	(2,199,398)	0	358,579	5,012,884
CSW Energy, Inc.	4,345,750	3,942,876	195,098	220,241	(292,510)	0	67,350	190,179
Elmwood	2,692,984	3,576,857	561,818	157,865	(265,356)	0	41,736	496,063
Miscellaneous	\$31,233,363	\$38,123,562	\$6,223,285	\$1,816,727	(\$2,828,270)	\$0	\$484,053	\$5,695,795
Total	\$4,540,464,164	\$4,282,000,101	\$116,433,577	\$225,869,429	(\$317,668,428)	\$0	\$70,367,765	\$95,002,343

**American Electric Power
Qualified Retirement Plan**
Estimated 2020 Net Periodic Pension Cost

Location	Projected Benefit Obligation	Market-Related Value of Assets	Service Cost	Interest Cost	Expected Return on Assets	Amortizations		Net Periodic Pension Cost
						Prior Service Cost/(Credit)	(Gain)/Loss	
Appalachian Power Co - Distribution	\$315,869,394	\$285,288,008	\$5,816,075	\$15,584,762	(\$21,131,319)	\$0	\$4,505,744	\$4,775,262
Appalachian Power Co - Generation	260,282,622	239,191,742	5,541,185	12,878,420	(17,716,963)	0	3,712,822	4,415,464
Appalachian Power Co - Transmission	47,434,278	43,148,670	766,615	2,335,198	(3,196,028)	0	676,630	582,415
Appalachian Power Co. - FERC	\$623,586,294	\$567,628,420	\$12,123,875	\$30,798,380	(\$42,044,310)	\$0	\$8,895,196	\$9,773,141
Cedar Coal Co	3,094,605	2,889,828	0	149,925	(214,050)	0	44,143	(19,982)
Central Coal Company	0	0	0	0	0	0	0	0
Appalachian Power Co. - SEC	\$626,680,899	\$570,518,248	\$12,123,875	\$30,948,305	(\$42,258,360)	\$0	\$8,939,339	\$9,753,159
AEP Texas Central Company - Distribution	\$261,148,901	\$237,965,272	\$7,469,957	\$13,013,833	(\$17,626,118)	\$0	\$3,725,179	\$6,582,851
AEP Texas Central Company - Generation	26,220,163	47,834,249	950	1,270,340	(3,543,089)	0	374,020	(1,897,779)
AEP Texas Central Company - Transmission	28,888,346	27,083,181	943,906	1,445,289	(2,006,055)	0	412,080	795,220
AEP Texas Central Co.	\$316,257,410	\$312,882,702	\$8,414,813	\$15,729,462	(\$23,175,262)	\$0	\$4,511,279	\$5,480,292
Columbus Southern Power Co - Distribution	\$208,794,620	\$184,997,225	\$3,642,912	\$10,292,004	(\$13,702,768)	\$0	\$2,978,368	\$3,210,516
Columbus Southern Power Co - Generation	100,945,205	88,671,952	1,804,177	4,977,920	(6,567,943)	0	1,439,941	1,654,095
Columbus Southern Power Co - Transmission	20,688,341	18,040,522	236,963	1,013,772	(1,336,264)	0	295,110	209,581
Columbus Southern Power Co. - FERC	\$330,428,166	\$291,709,699	\$5,684,052	\$16,283,696	(\$21,606,975)	\$0	\$4,713,419	\$5,074,192
Conesville Coal Preparation Company	4,038,145	3,677,465	38,533	197,504	(272,390)	0	57,602	21,249
Columbus Southern Power Co. - SEC	\$334,466,311	\$295,387,164	\$5,722,585	\$16,481,200	(\$21,879,365)	\$0	\$4,771,021	\$5,095,441
Indiana Michigan Power Co - Distribution	\$168,391,210	\$144,257,037	\$3,240,716	\$8,315,087	(\$10,685,137)	\$0	\$2,402,030	\$3,272,696
Indiana Michigan Power Co - Generation	106,221,238	102,432,147	2,314,981	5,258,276	(7,587,162)	0	1,515,201	1,501,296
Indiana Michigan Power Co - Nuclear	193,213,297	199,103,209	8,258,300	9,760,736	(14,747,600)	0	2,756,106	6,207,542
Indiana Michigan Power Co - Transmission	35,774,681	31,752,842	696,340	1,766,919	(2,351,937)	0	510,311	621,633
Ind Mich River Transp Lakin	30,897,389	32,939,968	1,374,487	1,563,482	(2,439,868)	0	440,738	938,839
Indiana Michigan Power Co. - FERC	\$534,497,815	\$510,485,203	\$15,884,824	\$26,664,500	(\$37,811,704)	\$0	\$7,624,386	\$12,362,006
Price River Coal	394,215	493,986	0	19,099	(36,590)	0	5,623	(11,868)
Indiana Michigan Power Co. - SEC	\$534,892,030	\$510,979,189	\$15,884,824	\$26,683,599	(\$37,848,294)	\$0	\$7,630,009	\$12,350,138
Kentucky Power Co - Distribution	\$70,469,483	\$65,342,789	\$1,302,999	\$3,477,176	(\$4,839,949)	\$0	\$1,005,218	\$945,444
Kentucky Power Co - Generation	33,662,811	32,401,537	780,440	1,668,679	(2,399,986)	0	480,186	529,319
Kentucky Power Co - Transmission	7,525,723	7,750,977	255,164	376,962	(574,116)	0	107,351	165,361
Kentucky Power Co.	\$111,658,017	\$105,495,303	\$2,338,603	\$5,522,817	(\$7,814,051)	\$0	\$1,592,755	\$1,640,124
Cardinal Operating Company	\$71,580,803	\$59,832,363	\$1,623,762	\$3,546,556	(\$4,431,791)	\$0	\$1,021,070	\$1,759,597
Central Ohio Coal	8,296,111	9,837,172	0	401,923	(728,641)	0	118,341	(208,377)
Cook Coal Terminal	3,038,419	3,001,112	124,439	153,232	(222,293)	0	43,342	98,720
Ohio Power Co - Distribution	221,934,549	191,890,459	4,195,092	10,955,349	(14,213,351)	0	3,165,803	4,102,893
Ohio Power Co - Generation	228,837,156	223,032,637	4,534,910	11,306,224	(16,520,056)	0	3,264,266	2,585,344
Ohio Power Co - Transmission	50,850,412	45,855,269	1,027,355	2,513,333	(3,396,506)	0	725,360	869,542
Southern Ohio Coal - Martinka	6,773,654	8,471,557	0	328,165	(627,489)	0	96,623	(202,701)
Southern Ohio Coal - Meigs	9,593,812	10,120,505	0	464,793	(749,627)	0	136,852	(147,982)
Windsor	3,035,967	4,246,758	0	147,084	(314,558)	0	43,307	(124,167)
Ohio Power Co.	\$603,940,883	\$556,287,832	\$11,505,558	\$29,816,659	(\$41,204,312)	\$0	\$8,614,964	\$8,732,869

**American Electric Power
Qualified Retirement Plan**
Estimated 2020 Net Periodic Pension Cost

Location	Projected Benefit Obligation	Market-Related Value of Assets	Service Cost	Interest Cost	Expected Return on Assets	Amortizations		Net Periodic Pension Cost
						Prior Service Cost/(Credit)	(Gain)/Loss	
Public Service Co of Oklahoma - Distribution	\$159,061,051	\$144,242,568	\$5,619,607	\$7,978,317	(\$10,684,066)	\$0	\$2,268,939	\$5,182,797
Public Service Co of Oklahoma - Generation	75,280,344	67,741,324	3,371,700	3,810,472	(5,017,609)	0	1,073,842	3,238,405
Public Service Co of Oklahoma - Transmission	19,633,978	17,684,578	697,350	984,996	(1,309,899)	0	280,070	652,517
Public Service Co. of Oklahoma	\$253,975,373	\$229,668,470	\$9,688,657	\$12,773,785	(\$17,011,574)	\$0	\$3,622,851	\$9,073,719
Southwestern Electric Power Co - Distribution	\$90,115,980	\$81,914,016	\$3,981,156	\$4,558,743	(\$6,067,382)	\$0	\$1,285,467	\$3,757,984
Southwestern Electric Power Co - Generation	98,179,358	89,656,212	4,507,603	4,974,896	(6,640,847)	0	1,400,487	4,242,139
Southwestern Electric Power Co - Texas - Distribution	51,077,511	47,008,123	1,921,435	2,567,651	(3,481,898)	0	728,599	1,735,787
Southwestern Electric Power Co - Texas - Transmission	575,587	597,462	0	27,886	(44,254)	0	8,211	(8,157)
Southwestern Electric Power Co - Transmission	14,296,910	14,793,363	651,134	724,191	(1,095,746)	0	203,939	483,518
Southwestern Electric Power Co.	\$254,245,346	\$233,969,176	\$11,061,328	\$12,853,367	(\$17,330,127)	\$0	\$3,626,703	\$10,211,271
AEP Texas North Company - Distribution	\$64,601,761	\$58,207,630	\$2,350,778	\$3,243,663	(\$4,311,447)	\$0	\$921,517	\$2,204,511
AEP Texas North Company - Generation	23,632,395	24,315,650	0	1,144,923	(1,801,063)	0	337,106	(319,034)
AEP Texas North Company - Transmission	9,772,042	8,702,000	493,547	497,339	(644,558)	0	139,394	485,722
AEP Texas North Co.	\$98,006,198	\$91,225,280	\$2,844,325	\$4,885,925	(\$6,757,068)	\$0	\$1,398,017	\$2,371,199
Kingsport Power Co - Distribution	\$12,335,293	\$10,818,284	\$199,960	\$607,298	(\$801,312)	\$0	\$175,958	\$181,904
Kingsport Power Co - Transmission	3,441,920	2,705,487	48,069	169,080	(200,396)	0	49,098	65,851
Kingsport Power Co.	\$15,777,213	\$13,523,771	\$248,029	\$776,378	(\$1,001,708)	\$0	\$225,056	\$247,755
Wheeling Power Co - Distribution	\$15,224,369	\$14,422,980	\$326,929	\$753,417	(\$1,068,312)	\$0	\$217,169	\$229,203
Wheeling Power Co - Transmission	973,093	904,840	0	47,144	(67,022)	0	13,881	(5,997)
Wheeling Power Co.	\$16,197,462	\$15,327,820	\$326,929	\$800,561	(\$1,135,334)	\$0	\$231,050	\$223,206
AEP Energy Services, Inc.	\$1,924,822	\$1,452,953	\$0	\$93,252	(\$107,620)	\$0	\$27,457	\$13,089
AEP T & D Services, LLC	0	0	0	0	0	0	0	0
AEP Texas Central Company - Nuclear	0	0	0	0	0	0	0	0
American Electric Power Service Corporation	1,308,024,111	1,244,291,222	34,459,178	65,039,562	(92,164,807)	0	18,658,415	25,992,348
C3 Communications, Inc.	897,668	1,760,344	0	43,490	(130,389)	0	12,805	(74,094)
EnerShop Inc.	0	0	0	0	0	0	0	0
Houston Pipeline (HPL)	916,932	4,883,124	0	44,423	(361,694)	0	13,080	(304,191)
American Electric Power Service Corp	\$1,311,763,533	\$1,252,387,643	\$34,459,178	\$65,220,727	(\$92,764,510)	\$0	\$18,711,757	\$25,627,152
AEP Pro Serv, Inc.	\$1,050,071	\$982,950	\$0	\$50,873	(\$72,807)	\$0	\$14,979	(\$6,955)
AEP River Operations LLC	22,976,240	29,152,290	5,685,024	1,388,558	(2,159,314)	0	327,746	5,242,014
CSW Energy, Inc.	4,315,518	4,009,167	202,902	218,905	(296,960)	0	61,559	186,406
Elmwood	2,674,249	3,509,458	584,290	157,867	(259,946)	0	38,147	520,358
Miscellaneous	\$31,016,078	\$37,653,865	\$6,472,216	\$1,816,203	(\$2,789,027)	\$0	\$442,431	\$5,941,823
Total	\$4,508,876,753	\$4,225,306,463	\$121,090,920	\$224,308,988	(\$312,968,992)	\$0	\$64,317,232	\$96,748,148

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	Amortizations		Net Periodic Pension Cost
						Prior Service Cost/(Credit)	(Gain)/Loss	
Appalachian Power Co - Distribution	\$313,309,109	\$281,596,672	\$6,048,718	\$15,482,295	(\$20,877,052)	\$0	\$4,123,517	\$4,777,478
Appalachian Power Co - Generation	258,172,897	234,781,740	5,762,832	12,795,462	(17,406,280)	0	3,397,860	4,549,874
Appalachian Power Co - Transmission	47,049,798	42,456,885	797,280	2,319,601	(3,147,674)	0	619,231	588,438
Appalachian Power Co. - FERC	\$618,531,804	\$558,835,297	\$12,608,830	\$30,597,358	(\$41,431,006)	\$0	\$8,140,608	\$9,915,790
Cedar Coal Co	3,069,522	2,867,142	0	148,809	(212,565)	0	40,399	(23,357)
Central Coal Company	0	0	0	0	0	0	0	0
Appalachian Power Co. - SEC	\$621,601,326	\$561,702,439	\$12,608,830	\$30,746,167	(\$41,643,571)	\$0	\$8,181,007	\$9,892,433
AEP Texas Central Company - Distribution	\$259,032,154	\$231,982,248	\$7,768,756	\$12,934,364	(\$17,198,731)	\$0	\$3,409,169	\$6,913,558
AEP Texas Central Company - Generation	26,007,635	49,851,097	988	1,260,884	(3,695,867)	0	342,291	(2,091,704)
AEP Texas Central Company - Transmission	28,654,191	26,760,542	981,663	1,436,730	(1,983,977)	0	377,123	811,539
AEP Texas Central Co.	\$313,693,980	\$308,593,887	\$8,751,407	\$15,631,978	(\$22,878,575)	\$0	\$4,128,583	\$5,633,393
Columbus Southern Power Co - Distribution	\$207,102,232	\$181,508,179	\$3,788,628	\$10,223,875	(\$13,456,678)	\$0	\$2,725,710	\$3,281,535
Columbus Southern Power Co - Generation	100,126,992	87,015,366	1,876,344	4,945,067	(6,451,157)	0	1,317,789	1,688,043
Columbus Southern Power Co - Transmission	20,520,651	17,615,252	246,442	1,006,777	(1,305,962)	0	270,076	217,333
Columbus Southern Power Co. - FERC	\$327,749,875	\$286,138,797	\$5,911,414	\$16,175,719	(\$21,213,797)	\$0	\$4,313,575	\$5,186,911
Conesville Coal Preparation Company	4,005,414	3,627,916	40,074	196,123	(268,967)	0	52,716	19,946
Columbus Southern Power Co. - SEC	\$331,755,289	\$289,766,713	\$5,951,488	\$16,371,842	(\$21,482,764)	\$0	\$4,366,291	\$5,206,857
Indiana Michigan Power Co - Distribution	\$167,026,313	\$141,734,379	\$3,370,344	\$8,260,738	(\$10,507,923)	\$0	\$2,198,263	\$3,321,422
Indiana Michigan Power Co - Generation	105,360,260	101,190,175	2,407,581	5,224,527	(7,502,051)	0	1,386,665	1,516,722
Indiana Michigan Power Co - Nuclear	191,647,204	196,044,469	8,588,632	9,707,325	(14,534,371)	0	2,522,303	6,283,889
Indiana Michigan Power Co - Transmission	35,484,709	31,293,225	724,193	1,755,388	(2,320,021)	0	467,021	626,581
Ind Mich River Transp Lakin	30,646,949	32,509,353	1,429,466	1,555,047	(2,410,183)	0	403,350	977,680
Indiana Michigan Power Co. - FERC	\$530,165,435	\$502,771,601	\$16,520,216	\$26,503,025	(\$37,274,549)	\$0	\$6,977,602	\$12,726,294
Price River Coal	391,020	503,143	0	18,956	(37,302)	0	5,146	(13,200)
Indiana Michigan Power Co. - SEC	\$530,556,455	\$503,274,744	\$16,520,216	\$26,521,981	(\$37,311,851)	\$0	\$6,982,748	\$12,713,094
Kentucky Power Co - Distribution	\$69,898,291	\$64,502,273	\$1,355,119	\$3,454,327	(\$4,782,078)	\$0	\$919,944	\$947,312
Kentucky Power Co - Generation	33,389,956	31,702,249	811,658	1,658,076	(2,350,346)	0	439,451	558,839
Kentucky Power Co - Transmission	7,464,723	7,712,477	265,371	374,751	(571,789)	0	98,245	166,578
Kentucky Power Co.	\$110,752,970	\$103,916,999	\$2,432,148	\$5,487,154	(\$7,704,213)	\$0	\$1,457,640	\$1,672,729
Cardinal Operating Company	\$71,000,604	\$57,729,345	\$1,688,712	\$3,523,939	(\$4,279,946)	\$0	\$934,452	\$1,867,157
Central Ohio Coal	8,228,867	10,012,360	0	398,931	(742,298)	0	108,302	(235,065)
Cook Coal Terminal	3,013,791	2,742,138	129,417	152,381	(203,297)	0	39,665	118,166
Ohio Power Co - Distribution	220,135,655	189,015,348	4,362,896	10,883,569	(14,013,245)	0	2,897,245	4,130,465
Ohio Power Co - Generation	226,982,313	221,375,968	4,716,306	11,232,624	(16,412,401)	0	2,987,355	2,523,884
Ohio Power Co - Transmission	50,438,243	44,999,062	1,068,450	2,497,017	(3,336,147)	0	663,827	893,147
Southern Ohio Coal - Martinka	6,718,750	6,618,756	0	325,721	(638,608)	0	88,427	(224,460)
Southern Ohio Coal - Meigs	9,516,050	10,260,943	0	461,333	(760,727)	0	125,242	(174,152)
Windsor	3,011,359	4,347,582	0	145,989	(322,322)	0	39,633	(136,700)
Ohio Power Co.	\$599,045,632	\$549,096,502	\$11,965,781	\$29,621,504	(\$40,708,991)	\$0	\$7,884,148	\$8,762,442

**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	Amortizations		Net Periodic Pension Cost
						Prior Service Cost/(Credit)	(Gain)/Loss	
Public Service Co of Oklahoma - Distribution	\$157,771,779	\$140,150,969	\$5,844,391	\$7,932,024	(\$10,390,531)	\$0	\$2,076,463	\$5,462,347
Public Service Co of Oklahoma - Generation	74,670,158	65,155,271	3,506,568	3,789,965	(4,830,490)	0	982,747	3,448,790
Public Service Co of Oklahoma - Transmission	19,474,835	17,278,486	725,244	979,289	(1,280,995)	0	256,312	679,850
Public Service Co. of Oklahoma	\$251,916,772	\$222,584,726	\$10,076,203	\$12,701,278	(\$16,502,016)	\$0	\$3,315,522	\$9,590,987
Southwestern Electric Power Co - Distribution	\$89,385,543	\$79,551,886	\$4,140,402	\$4,534,087	(\$5,897,828)	\$0	\$1,176,419	\$3,953,080
Southwestern Electric Power Co - Generation	97,383,563	87,029,453	4,687,907	4,948,370	(6,452,201)	0	1,281,683	4,465,759
Southwestern Electric Power Co - Texas - Distribution	50,663,501	45,826,735	1,998,292	2,553,015	(3,397,509)	0	666,791	1,820,589
Southwestern Electric Power Co - Texas - Transmission	570,922	606,439	0	27,678	(44,960)	0	7,514	(9,768)
Southwestern Electric Power Co - Transmission	14,181,026	14,313,991	677,179	720,318	(1,061,213)	0	186,639	522,923
Southwestern Electric Power Co.	\$252,184,555	\$227,328,504	\$11,503,780	\$12,783,468	(\$16,853,711)	\$0	\$3,319,046	\$10,752,583
AEP Texas North Company - Distribution	\$64,078,130	\$55,995,626	\$2,444,809	\$3,224,996	(\$4,151,411)	\$0	\$843,344	\$2,361,738
AEP Texas North Company - Generation	23,440,843	24,377,445	0	1,136,399	(1,807,298)	0	308,509	(362,390)
AEP Texas North Company - Transmission	9,692,835	8,302,303	513,289	494,787	(615,517)	0	127,569	520,128
AEP Texas North Co.	\$97,211,808	\$88,675,374	\$2,958,098	\$4,856,182	(\$6,574,226)	\$0	\$1,279,422	\$2,519,476
Kingsport Power Co - Distribution	\$12,235,309	\$10,704,243	\$207,958	\$603,243	(\$793,593)	\$0	\$161,031	\$178,639
Kingsport Power Co - Transmission	3,414,021	2,639,425	49,991	167,933	(195,682)	0	44,933	67,175
Kingsport Power Co.	\$15,649,330	\$13,343,668	\$257,949	\$771,176	(\$989,275)	\$0	\$205,964	\$245,814
Wheeling Power Co - Distribution	\$15,100,967	\$14,269,179	\$340,006	\$748,570	(\$1,057,890)	\$0	\$198,747	\$229,433
Wheeling Power Co - Transmission	965,206	896,735	0	46,793	(66,482)	0	12,703	(6,986)
Wheeling Power Co.	\$16,066,173	\$15,165,914	\$340,006	\$795,363	(\$1,124,372)	\$0	\$211,450	\$222,447
AEP Energy Services, Inc.	\$1,909,220	\$1,173,221	\$0	\$92,558	(\$86,980)	\$0	\$25,128	\$30,706
AEP T & D Services, LLC	0	0	0	0	0	0	0	0
AEP Texas Central Company - Nuclear	0	0	0	0	0	0	0	0
American Electric Power Service Corporation	1,297,421,901	1,227,167,828	35,837,546	64,635,700	(90,979,935)	0	17,075,599	26,568,910
C3 Communications, Inc.	890,391	1,903,054	0	43,166	(141,089)	0	11,719	(86,204)
EnerShop Inc.	0	0	0	0	0	0	0	0
Houston Pipeline (HPL)	909,500	5,218,723	0	44,092	(386,906)	0	11,970	(330,844)
American Electric Power Service Corp	\$1,301,131,012	\$1,235,462,826	\$35,837,546	\$64,815,516	(\$91,594,910)	\$0	\$17,124,416	\$26,182,568
AEP Pro Serv, Inc.	\$1,041,560	\$1,011,350	\$0	\$50,494	(\$74,980)	\$0	\$13,708	(\$10,778)
AEP River Operations LLC	22,790,005	28,494,336	5,912,425	1,391,478	(2,112,517)	0	299,943	5,491,329
CSW Energy, Inc.	4,280,538	4,023,796	211,018	217,748	(298,317)	0	56,337	186,786
Elmwood	2,652,573	3,405,183	607,662	158,054	(252,454)	0	34,911	548,173
Miscellaneous	\$30,764,676	\$36,934,665	\$6,731,105	\$1,817,774	(\$2,738,268)	\$0	\$404,899	\$6,215,510
Total	\$4,472,329,978	\$4,155,846,961	\$125,934,557	\$222,921,383	(\$308,106,743)	\$0	\$58,861,136	\$99,610,333

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