KPSC Case No. 2014-00396 AG's Initial Set of Data Requests Dated January 29, 2015 Item No. 294 Attachment 8I Page 1 of 61

American Electric Power Retirement Plan — East

### **Actuarial Valuation Report**

Pension Cost for Fiscal Year Ending December 31, 2008

**Employer Contributions for Plan Year Beginning January 1, 2008** 

June 2008

This report is confidential and intended solely for the information and benefit of the immediate recipient thereof. It may not be distributed to a third party unless expressly allowed under the "Actuarial Certification, Reliances and Distribution" Section herein.



KPSC Case No. 2014-00396 AG's Initial Set of Data Requests Dated January 29, 2015 Item No. 294 Attachment 8I Page 2 of 61

KPSC Case No. 2014-00396 AG's Initial Set of Data Requests Dated January 29, 2015 Item No. 294 Attachment 8I Page 3 of 61

# Table of Contents

Management Summary of Valuation Results	MS
Supplemental Information	SI
Miscellaneous by Location	ML



KPSC Case No. 2014-00396 AG's Initial Set of Data Requests Dated January 29, 2015 Item No. 294 Attachment 8I Page 4 of 61

KPSC Case No. 2014-00396 AG's Initial Set of Data Requests Dated January 29, 2015 Item No. 294 Attachment 8I Page 5 of 61

# Management Summary of Valuation Results

Financial Results	MS-1
FAS 87 Pension Cost and Funded Position	MS-3
Employer Contributions and ERISA Funded Position	MS-6
Basis for Valuation	MS-10
Actuarial Certification, Reliances and Distribution	<i>MS-1</i> 2



KPSC Case No. 2014-00396 AG's Initial Set of Data Requests Dated January 29, 2015 Item No. 294 Attachment 8I Page 6 of 61

Page 7 of 61

#### **Financial Results**

This report summarizes financial results for American Electric Power's (AEP) Retirement Plan for East Employees (East Retirement Plan) based on actuarial valuations as of January 1, 2008, and January 1, 2007.

	January 1	i, 2008	Jan	uary 1, 2007
FAS 87 Pension Cost				
Amount	\$ 35,	634,598	\$	35,449,208
Percent of covered pay		2.9%		3.1%
FAS 87 Funded Position				
Accumulated benefit obligation [ABO]	\$ 2,947,	433,034	\$	2,855,230,126
Projected benefit obligation [PBO]	3,045,	086,276		2,997,063,353
Fair value of assets [FV]	3,241,	633,839		3,160,858,560
Overfunded (underfunded) PBO	196,	547,563		163,795,207
PBO funded percentage [FV ÷ PBO]		106.5%		105.5%
Employer Contributions				
Minimum required*	\$	0	\$	0
Percent of covered pay		0.0%		0.0%
Maximum deductible	\$ 1,431,	296,422	\$	1,355,547,872
Percent of covered pay		117.6%		118.9%
ERISA Funded Position				
Funding target	\$ 2,980,	645,668	\$	2,891,127,456**
Net actuarial value of assets [AV]	2,634,	749,975		N/A
Funding shortfall/(excess assets)	345,	895,693		N/A
Funding target attainment percentage		108.3%		103.6%**
Adjusted funding target attainment percentage***		108.3%		103.6%**
Actuarial value of assets	3,227,	136,887		2,994,330,956
Actuarial value of assets as a percentage of funding target		108.3%		103.6%**

<sup>\*</sup>Assumes credit balance is used to offset minimum required contribution.

<sup>\*\*\*</sup> Assets are not reduced by credit balance since above 92% transition percentage when credit balance is included.



<sup>\*\*</sup> Results prior to 2008 are based on the plan's current liability.

Attachment 81
Page 8 of 61

#### **Discussion of Financial Results**

The financial results of AEP's East Retirement Plan were affected by the following factors:

- ► The mortality table used for the calculation of the funding target was the 2008 IRS Applicable Mortality Table, reflecting final IRS regulations, which caused a small loss due to the mortality improvement.
- Investment returns during the prior year were higher than expected, which increased the funded percentage and decreased the pension cost.
- ► The bond yields on available high-quality bonds used in selecting the FAS 87 discount rate increased during the prior year, resulting in a higher FAS 87 discount rate, which decreased the pension cost.
- ► The plan experienced demographic losses primarily due to (i) fewer terminations and retirements than expected and (ii) more retirees from active status electing an annuity than expected. The effect of these losses increased the pension cost.
- For plan year 2008, AEP is required to make a minimum required contribution of \$96,047,779. However, this contribution will be satisfied by using the plan's credit balance.



Page 9 of 61

#### **FAS 87 Pension Cost and Funded Position**

The cost of the pension plan is determined in accordance with Financial Accounting Standard 87. The fiscal 2008 pension cost for the plan is \$35,634,598, or 2.9% of covered pay.

Under FAS 87, as amended by FAS 158, the projected benefit obligation (PBO) funded status of each pension plan at the plan's 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, measured using expected future pay increases for pay-related plans. The plan's overfunded (underfunded) PBO as of January 1, 2008, was \$196,547,563, based on a fair value of plan assets of \$3,241,633,839 and a PBO of \$3,045,086,276.

Fiscal year-end financial reporting and disclosures are prepared before detailed participant data and the full valuation results are available. Therefore, the December 31, 2007, postretirement benefit asset/(liability) was derived from the January 1, 2007, valuation results. The December 31, 2008, financial reporting information will be developed based on the results of the January 1, 2008, valuation, rolled forward to the end of the year and 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 Overfunded (Underfunded) PBO

The pension cost increased from \$35,449,208 in fiscal 2007 to \$35,634,598 in fiscal 2008 and the overfunded (underfunded) PBO increased from increased from \$163,795,207 to \$196,547,563, as set forth below:

	Pension Cost	F	unded Position
Prior year	\$ 35,449,208	\$	163,795,207
Change due to:			
<ul><li>Expected based on prior valuation</li></ul>	(17,339,858)		1,146,989
<ul><li>Loss (gain) from noninvestment experience</li></ul>	6,003,744		(34,185,815)
<ul><li>Loss (gain) from asset experience</li></ul>	(4,255,981)		28,986,290
<ul><li>Assumption changes</li></ul>	13,367,986		45,625,747
► Plan amendments	 2,409,499		(8,820,855)
Current year	\$ 35,634,598	\$	196,547,563



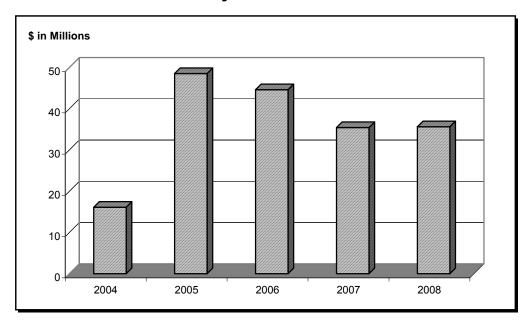
Attachment 81

Page 10 of 61

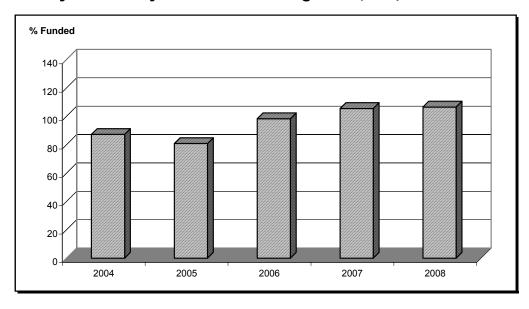
#### **History of Pension Cost and Funded Position**

The following charts show the history of the plan's pension cost and PBO funded position:

#### **History of Pension Cost**



#### History of the Projected Benefit Obligation (PBO) Funded Status





Page 11 of 61

History of Pension Cost and PBO Funded Percentage

---- Pension cost ----

Fiscal year	Amount	Percent of covered pay	PBO funded percentage	Discount rate
2008	\$ 35,634,598	2.9%	106.5%	6.00%
2007	35,449,208	3.1	105.5	5.75
2006	44,579,070	4.1	98.3	5.50
2005	48,522,750	4.4	80.8	5.50
2004	16,123,936	1.5	87.2	6.25



Attachment 81 Page 12 of 61

#### **Employer Contributions and ERISA Funded Position**

Under the Pension Protection Act of 2006 (PPA), the funded position is measured by comparing the actuarial value of assets, reduced by the plan's credit balance, with the funding target. The amount by which the funding target exceeds the net actuarial value of assets is the plan's funding shortfall. If the net actuarial value of assets exceeds the funding target, the difference is the plan's excess assets. The actuarial value of assets is an average of the fair market rate over a six-month period, adjusted for contributions and disbursements. The funding target is the present value of benefits accrued or earned as of the valuation date. The target normal cost is the present value of benefits expected to be earned during the plan year. Plans that do not meet certain funded status criteria are considered to be at-risk and are required to use specific actuarial assumptions, and in some cases additional loads, that will generally increase the funding target and target normal cost.

The plan's funding shortfall, excluding the credit balance, is \$345,895,693 as of January 1, 2008. The plan's actuarial value of assets, including the credit balance, is 108.3% of the funding target as of January 1, 2008. This percentage is based on an actuarial value of assets of \$3,227,136,887 and a funding target of \$2,980,645,668.

AEP's funding policy is to contribute an amount equal to the minimum required contribution under PPA. The minimum funding requirement under PPA is generally equal to the target normal cost plus amortization of the plan's funding shortfall and any funding waivers. For overfunded plans, the minimum funding requirement is reduced by the amount of the plan's excess assets. The minimum funding requirement for American Electric Power is \$96,047,779, or 7.9% of covered pay.

Plan sponsors that have in the past contributed more than the minimum may have a credit balance. Sponsors can elect to apply the plan's credit balance to offset the minimum funding requirement if certain other requirements are met. If AEP elects to fully apply its available credit balance, the remaining cash requirement is \$0.

The maximum deductible contribution under PPA is generally equal to 150% of the funding target, plus the target normal cost, plus an allowance for future pay or benefit increases, less the actuarial value of assets. For plans that are not at-risk, the deductible limit will not be less than the unfunded funding target plus the target normal cost, both determined as if the plan were at-risk. For all plans, the deductible limit will not be less than the minimum funding requirement. Pending issuance of Treasury/IRS guidance, the estimated maximum deductible contribution for the plan is \$1,431,296,422 or 117.6% of covered pay.

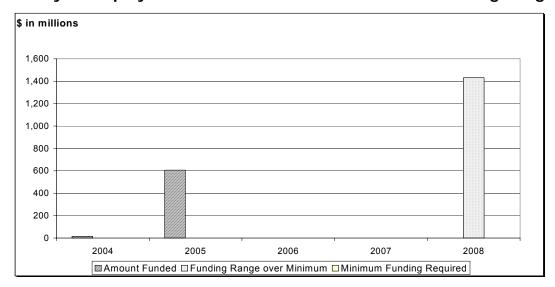


Attachment 81 Page 13 of 61

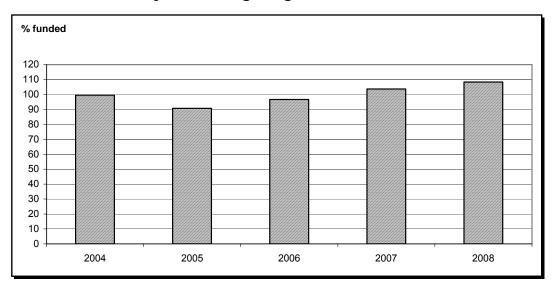
#### **History of Employer Contributions and Funded Position**

The following charts show the history of employer contributions and the funding range for 2008, as well as the ERISA funded position.

#### History of Employer Contributions and Current Year's Funding Range



**History of Funding Target\* Funded Position** 



\* Results prior to 2008 are based on the plan's current liability.



Page 14 of 61

# History of Employer Contributions and ERISA Funded Position and Current Year's Funding Range

---- Employer contributions ----

<i>Year</i> 2008:	Amount	Percent of covered pay	AVA as a % of funding target*	Effective interest rate*
► Minimum**	\$ 0	0.0%	108.3%	5.93%
Maximum	1,431,296,422	117.6		
2007	0	0.0	103.6	8.50
2006	0	0.0	96.7	8.50
2005	606,600,000	55.5	90.7	8.50
2004	16,123,936	1.5	99.6	8.50

<sup>\*</sup> Results prior to 2008 are based on the plan's current liability.

#### **Timing of Contributions**

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 2009 plan year will be required but will not exceed \$24,011,945 per payment, based on this year's valuation results.

The minimum funding requirement for the 2008 plan year must be satisfied in quarterly installments, with a final payment due on or before September 15, 2009. This requirement may be satisfied through contributions and/or an election to apply available credit balance.

The minimum funding schedule, before reflecting any credit balance elections, is shown below:

April 15, 2008	\$ 17,315,498
July 15, 2008	17,315,498
October 15, 2008	17,315,498
January 15, 2009	17,315,498
September 15, 2009	32,396,502

Quarterly contributions for 2008 are based on the required contribution for 2007 or 2008, whichever is more favorable.



<sup>\*\*</sup> Remaining cash requirement assuming sponsor elects full use of available credit balance.

Page 15 of 61

#### **Benefit Limitations**

Under PPA, a plan may become subject to various benefit limitations if its funded status falls below certain thresholds. Plan amendments that increase benefits are prohibited if the effect of the amendment would be to reduce the adjusted funding target attainment percentage (AFTAP) below 80%. Benefit accruals must cease and shutdown benefits are prohibited if the AFTAP falls below 60%. To avoid these benefit limitations, a plan sponsor may either contribute certain additional amounts for the current plan year or provide security outside the plan.

Plans are prohibited from paying lump sums or other accelerated forms of distribution if the AFTAP is below 60%, and only reduced amounts are allowed to be paid if the AFTAP is between 60% and 80%.

The AFTAP for AEP's East Retirement Plan is 108.3% as of January 1, 2008.

#### **PBGC Reporting Requirements**

For plan years beginning after 2006, PPA eliminated the PBGC participant notification requirements for plans that are required to pay a PBGC variable premium and have a funded percentage below a specified "gateway" percentage. For plan years beginning in 2008, all defined benefit plans subject to Title IV of ERISA are required to issue annual funding notices (due 120 days after the end of the plan year).

With respect to reporting years beginning before 2008, additional financial and actuarial information must be provided to the PBGC if, at the end of the year, all defined benefit plans within the controlled group have an unfunded vested liability of \$50 million or more using assumptions mandated by the PBGC.

As of January 1, 2008, unfunded vested liabilities for all defined benefit plans within the controlled group were less than \$50 million. Consequently, reporting of additional financial and actuarial information was not required.

For reporting years beginning after 2007, PPA changed the \$50 million threshold. A filing will now be required if the funding target attainment percentage (FTAP) at the end of the preceding plan year is less than 80% for any plan in the contributing sponsor's controlled group. The FTAP for 2008 is 108.3% as of January 1, 2008.



Attachment 81 Page 16 of 61

#### **Basis for Valuation**

#### **Economic Assumptions**

The discount rate for pension cost purposes is the rate at which the pension obligations could be effectively settled. This rate is developed from yields on available high-quality bonds and reflects the plan's expected cash flows. It is based on high-grade bond yields, after allowing for call and default risk. The duration of the plan is 9.43 years.

The assumed rate of return on assets and salary increase rate assumptions both reflect long-term expectations. The assumed rate of return on assets for pension cost purposes is the weighted average of expected asset returns. The salary increase rate is based on current expectations of future pay increases. The assumptions selected by AEP for pension cost purposes are:

	December 31, 2007	December 31, 2006
Discount rate	6.00%	5.75%
Rate of return on assets	8.00%	8.50%
Salary increase rate	Rates vary by age from 5.00% to 11.50%	Rates vary by age from 5.00% to 11.50%

Assumptions used to determine statutory contribution limits must be reasonable taking into account the experience of the plan and reasonable expectations. However, certain assumptions (such as interest and mortality) are either prescribed by the IRS or are subject to IRS approval. The interest rates used to determine the funding target and target normal cost are based on a high-quality corporate bond yield curve. The assumptions for contribution purposes are:

	January 1, 2008	January 1, 2007
Effective interest rate	5.93%	5.78%*
Salary increase rate	Rates vary by age from 5.00%	Rates vary by age from 5.00%
	to 11.50%	to 11.50%

<sup>\*</sup>Results prior to 2008 are based on the plan's current liability.



Page 17 of 61

#### **Demographic Assumptions**

The cost of providing plan benefits depends on demographic factors such as retirement, mortality and turnover. With the exception of the IRS-required mortality basis used to calculate the funding target, demographic assumptions used in the valuation were selected to reflect the experience of the covered population and reasonable expectations. If actual experience is more favorable than assumed, future plan costs will be lower. Alternatively, if actual experience is less favorable than assumed, future plan costs will be higher.

The mortality basis used to calculate the funding target was changed to the RP2000 table with projections to 2015 for annuitants and 2023 for non-annuitants. For purposes other than the funding target, the mortality assumption was the same as that for determining the funding target. No other demographic assumptions have changed since the prior valuation.

#### **Changes in Benefits Valued**

- ► Effective January 1, 2008, the qualified pension plans were amended to change the methodology for converting cash balance accounts to single life annuities.
- ► Increases in statutory pay and benefit limitations.



Attachment 81 Page 18 of 61

#### **Actuarial Certification, Reliances and Distribution**

American Electric Power retained Towers Perrin to perform a valuation of its pension plan for the purpose of determining (1) its pension cost in accordance with FAS 87 and (2) the minimum required and maximum tax-deductible contributions in accordance with ERISA and allowed by the Internal Revenue Code. This valuation has been conducted in accordance with generally accepted actuarial principles and practices.

The consulting actuaries are members of the Society of Actuaries and other professional actuarial organizations and meet their "General Qualification Standard for Prescribed Statements of Actuarial Opinions" relating to pension plans.

In preparing the results presented in this report, we have relied upon information provided to us regarding plan provisions, plan participants and plan assets. While the scope of our engagement did not call for us to perform an audit or independent verification of this information, we have reviewed this information for reasonableness but have not audited it. The accuracy of the results presented in this report is dependent upon the accuracy and completeness of the underlying information.

The actuarial assumptions and the accounting policies and methods employed in the development of the pension cost have been selected by the plan sponsor, with the concurrence of Towers Perrin. FAS 87 requires that each significant assumption "individually represent the best estimate of a particular future event."

To the extent not prescribed by ERISA, the Internal Revenue Code, and regulatory guidance from the Treasury and the IRS, the funding methods (including asset valuation method, choice among prescribed interest rates and choice among prescribed mortality tables) employed in the development of the contribution limits have been selected by the plan sponsor, with the concurrence of Towers Perrin. To the extent not prescribed by ERISA, the Internal Revenue Code and regulatory guidance from the Treasury and the IRS, the actuarial assumptions employed in the development of the contribution limits have been selected by Towers Perrin, with the concurrence of the plan sponsor. Other than prescribed assumptions, ERISA and the Internal Revenue Code require the use of assumptions each of which is "reasonable (taking into account the experience of the plan and reasonable expectations), and ... which, in combination, offer the actuary's best estimate of anticipated experience under the plan."

The results shown in this report have been developed based on actuarial assumptions that are considered to be reasonable and within the "best-estimate range" as described by the Actuarial Standards of Practice. Other actuarial assumptions could also be considered to be reasonable and within the best-estimate range. Thus, reasonable results differing from those presented in this report could have been developed by selecting different points within the best-estimate ranges for various assumptions.

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. It is neither intended nor necessarily suitable for other purposes. American Electric Power may also distribute this actuarial valuation report to the appropriate authorities who have the legal right to require American



Item No. 1295-13 Attachment 81

Page 19 of 61

Electric Power to provide them this report, in which case American Electric Power will use best efforts to notify Towers Perrin in advance of this distribution. Further distribution to, or use by, other parties of all or part of this report is expressly prohibited without Towers Perrin's prior written consent.

**Towers Perrin** 

June 2008

# Supplemental Information

Asset Values	SI-1
Basic Results for Pension Cost and Funded Position	SI-2
Pension Cost	SI-4
Present Value of Accumulated Plan Benefits for FAS 35	SI-5
Basic Results for Minimum Required Employer Contribution	SI-6
Minimum Required Employer Contribution	SI-7
Basic Results for Maximum Deductible Employer Contribution	SI-8
Maximum Deductible Employer Contribution	SI-9
Funded Status for Benefit Limitations	SI-10
Actuarial Assumptions and Methods	SI-11
Participant Data	SI-15
Plan Provisions	SI-19



KPSC Case No. 2014-00396 AG's Initial Set of Data Requests Dated January 29, 2015 Item No. 294 Attachment 8I Page 21 of 61

#### Page 22 of 61

#### **Asset Values**

#### Asset Values for Calculating Pension Cost and Funded Position

Fair value (excludes contributions receivable):

► As of January 1, 2007	\$ 3,160,858,560
► Contributions	0
► Disbursements	(192,684,531)
► Investment return	 273,459,810
► As of January 1, 2008	\$ 3,241,633,839
► Rate of return	8.9%
Market-related value:	
► As of January 1, 2007	\$ 3,002,105,003
► As of January 1, 2008	3,159,403,610
► Rate of return	12.1%
Asset Values for Calculating Employer Contributions Market value, including	
contributions receivable:	

CO	nunbutions receivable.	
•	As of January 1, 2007	\$ 3,160,858,560
•	Contributions	0
•	Disbursements	(192,684,531)
•	Investment return	 273,459,810
•	As of January 1, 2008	\$ 3,241,633,839
•	Rate of return	8.9%
Ac	tuarial value:	
•	As of January 1, 2007	\$ 2,994,330,956
•	As of January 1, 2008	3,227,136,887
•	Rate of return	14.7%
•	Rate of return (assuming mid-year cash Flow) for Schedule B of Form 5500	14.7%



Page 23 of 61

### **Basic Results for Pension Cost and Funded Position**

	Fiscal 2008	Fiscal 2007
Service Cost		
Amount	\$ 77,681,804	\$ 74,028,096
Obligations		
Accumulated benefit obligation [ABO]:		
<ul> <li>Participants currently receiving benefits</li> </ul>	\$ 1,348,287,573	\$ 1,329,976,436
<ul> <li>Deferred inactive participants</li> </ul>	141,627,625	141,798,281
<ul> <li>Active participants</li> </ul>	 1,457,517,836	 1,383,455,409
Total ABO	\$ 2,947,433,034	\$ 2,855,230,126
Obligation due to future salary increases	 97,653,242	 141,833,227
Projected benefit obligation [PBO]	\$ 3,045,086,276	\$ 2,997,063,353
Assets		
Fair value [FV]	\$ 3,241,633,839	\$ 3,160,858,560
Unamortized investment losses (gains)	 (82,230,229)	 (158,753,557)
Market-related value	\$ 3,159,403,610	\$ 3,002,105,003
Funded Position		
Overfunded (underfunded) PBO	\$ 196,547,563	\$ 163,795,207
PBO funded percentage	106.5%	105.5%
Amounts Not Yet Recognized in Net Periodic Cost		
Net actuarial loss (gain)	\$ 392,665,849	\$ 465,739,012
Prior service cost (credit)	27,488,501	22,616,902
Transition obligation (asset)	 0	 0
Total	\$ 420,154,350	\$ 488,355,914



Page 24 of 61

<b>Key Economic Assumptions</b>	Fiscal 2008	Fiscal 2007
Discount rate	6.00%	5.75%
Rate of return on assets	8.00%	8.50%
Salary increase rate	Rates vary by age From 5.0% to 11.5%	Rates vary by age From 5.0% to 11.5%

The results above may differ from the amounts disclosed in AEP's 2007 financial statements because disclosures are prepared before the corresponding valuation results are available.



Page 25 of 61

#### **Pension Cost**

	Fiscal 2008		Fiscal 2007
Pension Cost			
Service cost	\$ 77,681,804	\$	74,028,096
Interest cost	179,321,986		169,298,435
Expected return on assets	(242,077,670)		(244,473,520)
Amortization:			
<ul><li>Transition obligation (asset)</li></ul>	0		0
<ul><li>Prior service cost (credit)</li></ul>	4,830,372		3,949,256
► Net loss (gain)	 15,878,106		32,646,941
Pension cost	\$ 35,634,598	\$	35,449,208
Percent of covered pay	2.9%	6	3.1%
Per active participant	\$ 2,214	\$	2,329
Change in Pension Cost			
Pension cost for fiscal 2007	\$	35,449,208	
Change from fiscal 2007 to fiscal 2008:			
<ul><li>Expected based on prior valuation</li></ul>		(17,339,858)	
► Loss (gain) from noninvestment experience		6,003,774	
<ul><li>Loss (gain) from asset experience</li></ul>		(4,255,981)	
<ul><li>Assumption changes</li></ul>		13,367,986	
► Plan amendments		2,409,499	
Pension cost for fiscal 2008	\$	35,634,598	



### **Present Value of Accumulated Plan Benefits for FAS 35**

	Ja	anuary 1, 2	800	Jai	nuary 1, 2007
Actuarial Present Value of Accumulated Plan Benefits					
Vested benefits:					
<ul> <li>Participants currently receiving benefits</li> </ul>	\$	1,172,701	,006	\$	1,129,447,583
<ul><li>Other participants</li></ul>		1,319,181	<u>,845</u>		1,156,868,592
<ul> <li>Total vested benefits</li> </ul>	\$	2,491,882	,851	\$	2,286,316,175
Nonvested benefits		39,946	<u>,477</u>		58,499,175
Total accumulated benefits	\$	2,528,829	,328	\$	2,344,815,350
Market value of assets		3,241,633	,839		3,160,858,560
Key Assumptions					
Interest rate			8.00%		8.50%
Average retirement age			60		60
Mortality		2008 IRS /	AMT		RP2000
Change in Actuarial Present Value of					
Accumulated Plan Benefits					
Actuarial present value of accumulated plan benefits as of January 1, 2007		\$	2,344,81	5,350	
Change from 2007 to 2008:					
<ul> <li>Additional benefits accumulated (including the effect of noninvestment experience)</li> </ul>	ie		94,41	1,791	
► Interest due to decrease in the discount perio	bc		191,28	7,206	
► Benefits paid			(192,68	4,531)	
<ul> <li>Assumption changes</li> </ul>			83,32	4,164	
<ul><li>Plan amendments</li></ul>			7,67	5,348	
Actuarial present value of accumulated plan benefits as of January 1, 2008		\$	2,528,82	9,325	



# **Basic Results for Minimum Required Employer Contribution**

	January 1, 2008		January 1, 2007	
Normal Cost and Liabilities				
Normal cost	\$	96,047,779	\$	56,172,575
Funding target:				
<ul> <li>Participants currently receiving benefits</li> </ul>	\$	1,358,448,531	\$	1,365,575,301
<ul> <li>Deferred inactive participants</li> </ul>		139,739,680		146,235,280
<ul> <li>Active participants</li> </ul>		1,482,457,457		1,379,316,875
Total funding target	\$	2,980,645,668	\$	2,891,127,456*
Assets				
Market value	\$	3,241,633,839	\$	3,160,858,560
Unrecognized investment losses (gains)		(14,496,952)		(166,527,604)
Actuarial value	\$	3,227,136,887	\$	2,994,330,956
Credit Balance				
Funding standard carryover balance	\$	592,386,912	\$	609,814,657
Prefunding balance		0		N/A
Total credit balance	\$	592,386,912	\$	609,814,657
ERISA Funded Position				
Net actuarial value of assets	\$	2,634,749,975	\$	N/A
Funding shortfall/(excess assets)		345,895,693		N/A
Assets, including credit balance, as a percentage of funding target		108.3%		103.6%*
Key Economic Assumptions				
Effective interest rate		5.93%		5.78%*
Salary increase rate		Rates vary by age from 5.0% to 11.0%		Rates vary by age from 5.0% to 11.0%

<sup>\*</sup> Results for 2007 are based on the plan's current liability.



# **Minimum Required Employer Contribution**

	January 1, 2008		January 1, 20	
Minimum Required Employer Contribution				
Target normal cost	\$	96,047,779	\$	N/A
Net shortfall amortization charge		0		N/A
Waiver amortization charge		0		N/A
Excess assets		0		N/A
Minimum funding requirement	\$	96,047,779	\$	N/A
Available credit balance		592,386,912		N/A
Remaining cash requirement (assuming sponsor elects full use of available credit balance)		0		N/A
Percent of covered pay		0.00%		N/A
Per active participant	\$	0		N/A

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

#### **Schedule of Minimum Funding**

Requirements*	Fiscal 2008	Fiscal 2007
April 15, 2008	\$ 17,315,498	\$ 0
July 15, 2008	17,315,498	0
October 15, 2008	17,315,498	0
January 15, 2008	17,315,498	0
September 15, 2009	32,396,502	0

Quarterly contributions for the 2009 plan year will not exceed \$24,011,945 per payment, based on this year's valuation results.



<sup>\*</sup> Before reflecting any credit balance elections for 2008.

### **Basic Results for Maximum Deductible Employer Contribution**

	Ja	nuary 1, 2008	January 1, 2007	
Normal Costs				
Normal cost	\$	96,047,779	\$	56,172,575*
Target normal cost as if at-risk (for plans not at-risk)		N/A		N/A
Liabilities				
Funding target	\$	2,980,645,668	\$	2,891,127,456*
Funding target reflecting future pay/benefit increases		3,072,062,696		N/A
Funding target as if at-risk (for plans not at-risk)		N/A		N/A
Assets				
Market value	\$	3,241,633,839	\$	3,160,858,560
Unrecognized investment losses (gains)		(14,496,952)		(166,527,604)
Actuarial value	\$	3,227,136,887	\$	2,994,330,956
<b>Key Economic Assumptions</b>				
Effective interest rate		5.93%		5.78%*
Salary increase rate		Rates vary by age from 5.0% to 11.0%		Rates vary by age from 5.0% to 11.0%

<sup>\*</sup> Results for fiscal 2007 are based on the plan's current liability.



#### **Maximum Deductible Employer Contribution**

	January 1, 2008		January 1, 200	
Basic Funding Limit				
Funding target	\$	2,980,645,668	\$	N/A
Target normal cost		96,047,779		N/A
Statutory cushion amount		1,581,739,862		N/A
Basic funding limit	\$	4,658,433,309	\$	N/A
At-Risk Funding Limit				
Funding target as if at-risk	\$	N/A	\$	N/A
Target normal cost as if at-risk		N/A		N/A
At-risk funding limit (for plans not at-risk)	\$	N/A	\$	N/A
Maximum Deductible Employer Contribution*				
Maximum funding limit	\$	4,658,433,309	\$	N/A
Actuarial value of assets		3,227,136,887		N/A
Preliminary maximum contribution	\$	1,431,296,422	\$	N/A
Minimum funding requirement		96,047,779		N/A
Maximum deductible contribution		1,431,296,422		1,355,547,872
Percent of covered pay		117.6%		118.8%
Per active participant	\$	88,939	\$	89,075

The maximum deductible contribution under PPA is generally equal to 150% of the funding target, plus the target normal cost, plus an allowance for future pay or benefit increases, less the actuarial value of assets. For plans that are not at-risk, the deductible limit will not be less than the unfunded funding target plus the target normal cost, both determined as if the plan were at risk. For all plans, the deductible limit will not be less than the minimum funding requirement. The preceding is pending issuance of Treasury/IRS guidance.

\*Estimated



Attachment 81 Page 31 of 61

#### **Funded Status for Benefit Limitations**

	Fiscal 2008	Fiscal 2007*
Basic Results		
Funding target disregarding at-risk provisions	\$ 2,980,645,668	\$ 2,891,127,456
Actuarial value of assets	3,227,136,837	2,994,330,956
Credit balance	592,386,912	609,814,657
Annuity purchases for non-highly compensated employees during preceding two plan years	0	0
Funded Status		
Funding target attainment percentage	108.3%	103.6%
Adjusted funding target attainment percentage	88.4%	103.6%
<b>Key Economic Assumptions</b>		
Effective interest rate	5.93%	5.78%

<sup>\*</sup> Results for fiscal 2007 are based on plan's current liability, actuarial value of assets limited to be within 10% of market value, and credit balance reduced by present value of any amount waived as of January 1, 2007.



Page 32 of 61

# **Actuarial Assumptions and Methods**

		Pensio	on Cost	Contributions
Eco	onomic Assumptions			
Disc	count rate		6.00%	N/A
Retu	urn on assets		8.00%	N/A
Fund	ding interest rate basis:			
<b>&gt;</b> /	Applicable month		N/A	October 2007
<b>&gt;</b>	Yield curve basis		N/A	Segment rates
• 7	Transition from current liability rates		N/A	No
Fund	ding interest rates:			
► F	First segment rate (10-year rate)		N/A	5.29%
▶ 5	Second segment rate (20-year rate)		N/A	5.86%
•	Third segment rate (30-year rate)		N/A	6.40%
<b>▶</b> E	Effective interest rate		N/A	5.93%
Annı	ual rates of increase			
• 7	Total compensation	Age	Rate	Rate
		< 25 25 – 34	11.50% 9.50%	11.50% 9.50%
		25 – 34 35 – 44	6.50%	6.50%
		> 45	5.00%	5.00%
<b>)</b>	Cash balance crediting rate		5.25%	5.50%
<b>▶</b> [	Lump sum conversion rate		6.50%	6.50%
► F	Future Social Security wage bases		4.00%	4.00%
	Statutory limits on compensation and penefits		3.00%	N/A



Attachment 81 Page 33 of 61

#### **Demographic Assumptions**

		Pension Cost	Contributions			
Preretirement Healthy Mortality		RP2000, projected to 2023	RP2000, projected to 2023			
Postretirement Healthy Mortality		RP2000, projected to 2015	RP2000, projected to 2015			
Disabled Mortality		RP2000 disabled retiree, no projection	Post-1994 current liability disabled			
Termination	Rates vary	ring by age and service:				
			ate			
		Less than five	Five or more			
	Age	years of service	years of service			
	<25	12.50%	10.00%			
	25-30	12.50%	6.00%			
	30-35 35-40	12.50% 12.50%	5.00% 3.50%			
	>40	12.50%	3.00%			
	× <del>+</del> 0	12.30 /0	3.00 /0			
Retirement	etirement Rates varying by age; average retirement age 60:					
	Age Rate					
	55-57	7.5				
	58-60	15.	0%			
	61-63	35.	0%			
	64-65	25.	0%			
	66-69	20.				
	70+	100	0%			
Form of payment	75% lump	sum; 25% annuity.				
Percent married	80% of ma	lle participants; 70% of female part	icipants.			
Spouse ages	Wives are	assumed to be three years younge	er than husbands.			
Valuation pay		e Salary Pay (Grandfathered) – esti ne year according to the salary incr				
	•	inded Pay (Cash Balance) – sum one year according to the salary incr n:	<u> </u>			
	(i) 2007 base salary (ii) A 12% increase for overtime eligible employees and a					

target bonus percent increase for incentive-eligible employees.



#### **Actuarial Methods**

#### Pension cost:

 Service cost and projected benefit obligation Projected unit credit.

Market-related value of assets

The market value on the valuation date less the following percentages of prior years' investment gains and losses:

- 80% of the prior year
- 60% of the second prior year
- 40% of the third prior year
- 20% of the fourth prior year.

The investment gain or loss is calculated each year by:

- 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.

#### Contributions:

 Funding target and target normal cost Present value of accrued benefits.

Actuarial value of assets

Average of the fair market value of assets on the valuation date and the six immediately preceding months, adjusted for contributions, benefit payments and administrative expenses. The average asset value must be within 10% of fair value, including contributing receivable.

#### **Benefits Not Valued**

All benefits were valued except:

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



Attachment 81 Page 35 of 61

#### **Change in Assumptions and Methods Since Prior Valuation**

Pension cost The discount rate for benefit obligations was changed from

5.75% to 6.00%.

The mortality table used to value the benefit obligations was updated from RP2000 (no collar adjustment, no projection) to the RP2000 with projections to 2015 for annuitants and to 2023

for nonannuitants.

Contributions The funded interest rate was changed from 5.78% to the

segment rates as of October 2007 (as provided under PPA).

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.

The actuarial cost method used to calculate the funding target and target normal cost was changed from unit credit to the present value of accrued benefits, as required by PPA.

#### **Data Sources**

Towers Perrin used participant and asset data as of January 1, 2008, supplied by AEP. Data were reviewed for reasonableness and consistency, but no audit was performed. Assumptions or estimates were made by Towers Perrin 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.



# **Participant Data**

	January 1, 2008		Ja	January 1, 2007	
Active					
Number		16,093		15,218	
Average age		46.5		47.0	
Average past service		17.4		18.1	
Average future service		10.0		9.9	
Covered pay:					
► Total	\$	1,217,927,495	\$	1,141,216,687	
► Average		75,681		74,991	
Deferred Inactive					
Number		3,542		3,757	
Average age		51.6		50.7	
Annual benefits:					
► Total	\$	27,784,130	\$	26,635,235	
► Average		7,844		7,089	
<b>Currently Receiving Benefits</b>					
Number		11,194		11,137	
Average age		72.9		72.6	
Annual benefits:					
► Total	\$	144,237,539	\$	143,039,877	
► Average		12,885		12,844	
Total Participants Included in Valuation					
Number		30,829		30,112	



Attachment 81 Page 37 of 61

## **Analysis of Inactive Participant Data**

### **Deferred Inactive**

Age last birthday	Number	Annual benefit	Average annual benefit
< 40	124	\$ 1,212,705	\$ 9,780
40 – 44	359	2,273,967	6,334
45 – 49	776	5,207,015	6,710
50 – 54	1,071	8,844,438	8,258
55 – 59	814	7,164,317	8,801
60 – 64	361	2,794,366	7,741
> 64	37	287,323	7,765
Total	3,542	\$ 27,784,130	\$ 7,844

# **Currently Receiving Benefits**

Age last birthday	Number	Annual benefit	Average annual benefit
< 55	94	\$ 347,991	\$ 3,702
55 – 59	582	7,880,386	13,540
60 – 64	1,727	29,747,629	17,225
65 – 69	2,002	25,231,161	12,603
70 – 74	1,935	25,188,981	13,018
75 – 79	1,851	24,947,151	13,748
> 79	3,003	30,894,241	10,288
Total	11,194	\$ 144,237,539	\$ 12,885



2008 Projected Pay

Page 38 of 61

Age	Completed Years of Service										
Nearest Birthday		0	1-4	5-9	10-14	15-19	20-24	25-29	30-34	Over 35	Total
0-24	Number		370	9							379
	Avg Pay		46,425	51,256							46,540
25-29	Number Avg Pay		826 54,236	228 58,621	2 52,269						1,056 55,179
30-34	Number Avg Pay		673 58,493	420 69,316	66 76,120						1,159 63,419
35-39	Number Avg Pay		549 63,189	439 75,862	238 78,007	127 82,265	3 68,418				1,356 71,691
40-44	Number Avg Pay		433 66,158	410 76,993	259 78,020	491 82,086	314 82,675	6 71,424			1,913 76,902
45-49	Number Avg Pay		359 67,057	315 83,582	204 72,897	422 78,207	790 84,747	806 81,098	53 74,841		2,949 79,538
50-54	Number Avg Pay		213 69,737	266 81,962	133 74,432	300 74,966	536 80,755	1,116 84,176	776 83,183	32 75,801	3,372 81,034
55-59	Number Avg Pay		112 73,162	178 77,875	107 72,335	167 71,444	319 79,543	481 80,521	731 85,783	490 85,863	2,585 81,475
60-64	Number Avg Pay		58 88,306	93 74,296	50 74,336	63 65,864	131 77,411	169 82,248	173 78,094	463 84,009	1,200 80,287
65-69	Number Avg Pay		12 64,077	32 74,762	8 64,996	9 80,705	9 87,407	11 78,779	11 89,900	17 75,556	109 76,461
Over 69	Number Avg Pay		5 84,759	5 79,250	2 47,300	1 45,724	1 71,299	1 65,006			15 73,112
Total	Number Avg Pay		3,610 60,420	2,395 74,948	1,069 75,531	1,580 77,910	2,103 82,155	2,590 82,354	1,744 83,557	1,002 84,510	16,093 75,681

Average Age = 46.5

Average Service = 17.4



Page 39 of 61

## **Reconciliation of Participant Data**

	Active	Deferred inactive	Currently receiving benefits	Total
Included in January 1, 2007 valuation	15,218	3,757	11,137	30,112
Change due to:				
New hire and rehire	1,610	(21)	0	1,589
<ul><li>Nonvested termination</li></ul>	(195)	0	0	(195)
<ul><li>Vested termination</li></ul>	(93)	93	0	0
► Retirement	(212)	(109)	321	0
► Disability	0	0	0	0
<ul><li>Death without beneficiary</li></ul>	(4)	(25)	(318)	(347)
Death with beneficiary	(3)	(3)	6	0
► Cashout	(239)	(195)	0	(434)
► Miscellaneous	11	45	48	104
► Net change	875	(215)	57	717
Included in January 1, 2008 valuation	16,093	3,542	11,194	30,829



Attachment 81 Page 40 of 61

## **Plan Provisions**

Effective Date May 1, 1955. Restated effective January 1, 2001.

**Recent Amendments** Effective as of January 1, 2008.

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:

■ Participate in AEP System Retirement Plan, or

■ In one-year waiting period for AEP System Retirement

Plan participation.

Vesting Service A period of time from employment date to termination date

and, in general, includes periods of severance that are not in

excess of 12 months.

Accredited Service Elapsed time from date of hire (from benefit service start

date).

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.

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 base 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.

Normal Retirement

Date (NRD)

The first day of the calendar month whose first day is nearest the later of the member's 65<sup>th</sup> birthday or the completion of

five years of Vesting Service.



Attachment 81 Page 41 of 61

#### Cash Balance Account

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

Cash Balance Account as of the End of the Prior Plan Year

Interest Credits

Company Credits

Cash Balance Benefit

Cash Balance Account converted to a monthly annuity.

**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%.



Attachment 81 Page 42 of 61

## **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).

Age Plus	Annual
Years of Service	Company Credit
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)+(3):

- (1) 1.1% of Final Average Pay x Accredited Service up to 35 years
- (2) 0.5% 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.

Service continues to accrue and Final Average Pay grows through 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 compensation credit. Vesting service continues.

### **Eligibility for Benefits**

Normal Retirement

All members at or after their Normal Retirement Date.



Attachment 81 Page 43 of 61

Vested All members who terminate employment after completion of

three years of Vesting Service, or upon death.

Early Retirement Any time after attainment of age 55 and completion of five

years of vesting.

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.

## **Monthly 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.



Page 44 of 61

#### Deferred Vested Retirement

The accrued Normal Retirement Benefit (better of Cash Balance and Grandfathered Benefits, if eligible), payable at Normal Retirement Date or actuarially reduced and payable at any age.

#### Disability

The greater of (1) or (2):

- (1) Accrued Grandfathered Retirement Benefit reduced as in the Early Retirement Benefit. If retirement occurs prior to age 55, the benefit is further reduced actuarially from age 55. The Disability Retirement Benefit will reflect Accredited Service that accrued (at most recent rate of base earnings) to a member while receiving benefits under the Company's LTD plan.
- (2) The Cash Balance Benefit with continued Company Credits while disabled.

Benefit (1) applies for Grandfathered Employees only.

#### Preretirement Death

Better of (1) or (2):

- (1) The grandfathered monthly benefit as if the employee commenced a 60% qualified joint and survivor benefit at his earliest retirement date
- (2) Annuity equivalent of Cash Balance account, or the cash balance account.

Benefit (1) applies for a Grandfathered Employee whose beneficiary is his or her spouse.

#### Surviving Spouse Benefits

A benefit payable for life equal to 30% of the single life annuity payable to the grandfathered member. The spouse's benefit is actuarially reduced for each year by which the spouse is more than ten years younger than the member. Payable to Grandfathered Employees only.



Attachment 81 Page 45 of 61

## Form of Payment

### Grandfathered Employees

The following are available for Grandfathered Employees for both the Grandfathered Benefit and the Cash Balance Benefit:

- Full lump sum payment.
- Combination of partial lump sum (25%, 50% or 75% of full lump sum) with remainder paid as a monthly benefit (see below).
- Monthly payment:
  - Single life annuity.
  - Optional joint annuities (spouse or other beneficiary).
    - Available in 40%, 50%, 60%, 75%, 100%.
    - Can elect pop-up and/or level income options.
  - Automatic company-paid 30% surviving spouse annuity included in Grandfathered Benefit annuity if terminate on or after age 55 and married at least one year. Cash Balance Benefit is actuarially reduced for this feature.
- Employees Hired on or After January 1, 2001

The following are available for those hired on or after January 1, 2001:

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



Page 46 of 61

#### **Member Contributions**

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

#### **Benefits Not Valued**

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

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

### **Future Plan Changes**

No future plan changes were recognized in determining pension cost. Towers Perrin is not aware of any future plan changes that are required to be reflected.

### **Changes in Benefits Valued Since Prior Year**

- Changes in the IRS pay cap and Section 415 limits.
- Methodology change for conversion of cash balance amounts into single life annuities.



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# AMERICAN ELECTRIC POWER EAST RETIREMENT PLAN SUMMARY OF PLAN PARTICIPANTS FOR THE 2008 VALUATION

Location	Vested Actives	Non-Vested Actives	Total Actives	Retirees Receiving Benefits	Beneficiaries	Deferred Vesteds	Total Inactives	Total Participants
Location	Actives	Actives	Actives	Benefits	Beneficiaries	vesteas	mactives	Participants
AEP Energy Services, Inc.	4	0	4	3	0	35	38	42
AEP Pro Serv, Inc.	1	0	1	0	0	2	2	3
AEP T & D Services, LLC	0	0	0	0	0	0	0	0
American Electric Power Service Corporation	4,263	822	5,085	1,551	369	1,313	3,233	8,318
Appalachian Power Co - Distribution	1,153	61	1,214	1,174	426	311	1,911	3,125
Appalachian Power Co - Generation	992	158	1,150	627	206	96	929	2,079
Appalachian Power Co - Transmission	176	21	197	83	9	27	119	316
C3 Communications, Inc. Cardinal Operating Company	0 225	0 43	0 268	0 143	0 51	0 23	0 217	0 485
AEP Texas Central Company - Distribution	132	110	242	2	1	4	7	249
AEP Texas Central Company - Generation	0	0	0	0	0	0	0	0
AEP Texas Central Company - Nuclear	0	0	0	0	0	0	0	0
AEP Texas Central Company - Transmission	12	28	40	1	0	0	1	41
Columbus Southern Power Co - Distribution	658	126	784	960	127	168	1,255	2,039
Columbus Southern Power Co - Generation	301	33	334	357	47	89	493	827
Columbus Southern Power Co - Transmission	54	4	58	74	16	12	102	160
Conesville Coal Preparation Company	10	0	10	7	0	0	7	17
Cook Coal Terminal	14	2	16	10	0	0	10	26
CSW Energy, Inc.	14	2	16	0	0	1	1	17
Elmwood	94	40	134	3	0	3	6	140
EnerShop Inc.	0	0	0	0	0	0	0	0
Indiana Michigan Power Co - Distribution Indiana Michigan Power Co - Generation	655 397	73 37	728 434	704 252	263 83	166 183	1,133 518	1,861 952
•	942	42	984	252 248	50	332	630	1,614
Indiana Michigan Power Co - Nuclear Indiana Michigan Power Co - Transmission	143	15	158	83	9	19	111	269
Kentucky Power Co - Distribution	286	21	307	161	68	88	317	624
Kentucky Power Co - Generation	137	15	152	64	23	17	104	256
Kentucky Power Co - Transmission	54	1	55	4	0	6	10	65
Kingsport Power Co - Distribution	45	4	49	45	15	21	81	130
Kingsport Power Co - Transmission	9	2	11	7	1	0	8	19
LIG Liquids Company, L.L.C.	0	0	0	0	0	0	0	0
Louisiana Intrastate Gas Company, L.L.C	0	0	0	0	0	0	0	0
Memco	315	258	573	1	0	5	6	579
Ohio Power Co - Distribution	846	58	904	895	304	188	1,387	2,291
Ohio Power Co - Generation	744	111	855	609	193	156	958	1,813
Ohio Power Co - Transmission	197	36	233	106	34	19	159	392
Public Service Co of Oklahoma - Distribution	125	111	236	0	1	5	6	242
Public Service Co of Oklahoma - Generation	40	27	67	0	0	3	3	70
Public Service Co of Oklahoma - Transmission	8	11	19	1	0	0	1	20
Southwestern Electric Power Co - Distribution	84	63	147	0	0	1	1	148
Southwestern Electric Power Co - Generation	50	41	91	0	0	1	1	92
Southwestern Electric Power Co - Texas - Distribution	28	35	63	27	0	22	49	112
Southwestern Electric Power Co - Texas - Transmission	0	0	0	0	0	0	0	0
Southwestern Electric Power Co - Transmission	11 251	23 62	34	0 112	0 37	1 25	1 174	35
Water Transportation (Blackhawk)	251 31	21	313	0	0	25 0	0	487
AEP Texas North Company - Distribution AEP Texas North Company - Generation	0	0	52 0	0	0	0	0	52 0
AEP Texas North Company - Transmission	6	6	12	0	0	0	0	12
Wheeling Power Co - Distribution	63	0	63	62	29	10	101	164
Wheeling Power Co - Distribution  Wheeling Power Co - Transmission	0	0	0	6	8	1	15	15
Cedar Coal Co	0	0	0	83	38	14	135	135
Central Coal Company	0	0	0	0	0	0	0	0
Central Ohio Coal	0	0	0	69	14	38	121	121
Southern Ohio Coal - Martinka	Ö	0	0	68	14	57	139	139
Southern Ohio Coal - Meigs	0	0	0	69	32	18	119	119
Windsor	0	0	0	28	10	15	53	53
Price River Coal	0	0	0	14	2	5	21	21
Houston Pipeline (HPL)	0	0	0	1	0	42	43	43
Total	13,570	2,523	16,093	8,714	2,480	3,542	14,736	30,829

Location	Present Value of Vested Benefits	Present Value of Non-Vested Benefits	Present Value of Accumulated Plan Benefits	Market Value of Assets	Percent Funded
AEP Energy Services, Inc.	\$1,150,284	\$1,461	\$1,151,745	\$920,785	79.9%
AEP Pro Serv, Inc.	481,242	0	481,242	663,007	137.8%
AEP T & D Services, LLC	740 242 494	15 202 577	755 505 750	0 43 870 000	0.0% 124.9%
American Electric Power Service Corporation Appalachian Power Co - Distribution	740,312,181 250,328,821	15,283,577 2,498,801	755,595,758 252,827,622	943,879,009 332,997,744	124.9%
Appalachian Power Co - Distribution Appalachian Power Co - Generation	192,810,151	2,490,001	195,441,900	245,578,795	125.7%
Appalachian Power Co - Transmission	33,751,548	485,406	34,236,954	43,874,033	128.1%
C3 Communications, Inc.	0	0	0	0	0.0%
Cardinal Operating Company	50,462,586	760,643	51,223,229	64,879,809	126.7%
AEP Texas Central Company - Distribution AEP Texas Central Company - Generation	1,927,397 0	179,778 0	2,107,175 0	2,060,295 0	97.8% 0.0%
AEP Texas Central Company - Generation AEP Texas Central Company - Nuclear	0	0	0	0	0.0%
AEP Texas Central Company - Transmission	385,822	61,790	447,612	302,987	67.7%
Columbus Southern Power Co - Distribution	181,250,607	1,158,279	182,408,886	246,708,925	135.3%
Columbus Southern Power Co - Generation	84,126,520	807,202	84,933,722	110,721,478	130.4%
Columbus Southern Power Co - Transmission	18,783,643	116,646	18,900,289	26,398,427	139.7%
Conesville Coal Preparation Company Cook Coal Terminal	2,564,170 2,421,814	16,256 49,818	2,580,426 2,471,632	3,164,363 3,141,571	122.6% 127.1%
CSW Energy, Inc.	298,477	11,392	309,869	560,030	180.7%
Elmwood	1,079,241	102,289	1,181,530	929,395	78.7%
EnerShop Inc.	0	0	0	0	0.0%
Indiana Michigan Power Co - Distribution Indiana Michigan Power Co - Generation	138,091,735 74,707,789	1,489,326 1,195,121	139,581,061 75,902,910	182,435,595	130.7% 130.7%
Indiana Michigan Power Co - Generation Indiana Michigan Power Co - Nuclear	124,374,655	2,340,126	126,714,781	99,230,424 157,775,576	124.5%
Indiana Michigan Power Co - Transmission	27,039,963	330,081	27,370,044	35,280,480	128.9%
Kentucky Power Co - Distribution	50,803,975	704,448	51,508,423	67,631,315	131.3%
Kentucky Power Co - Generation	23,562,958	362,425	23,925,383	31,059,716	129.8%
Kentucky Power Co - Transmission	5,299,714	129,103	5,428,817	6,863,076	126.4%
Kingsport Power Co - Distribution Kingsport Power Co - Transmission	10,414,862 2,428,281	94,886 29.179	10,509,748 2,457,460	13,331,152 2,913,925	126.8% 118.6%
Memco	6,672,165	658,895	7,331,060	5,692,813	77.7%
Ohio Power Co - Distribution	183,784,485	1,475,949	185,260,434	242,738,581	131.0%
Ohio Power Co - Generation	170,048,773	1,954,819	172,003,592	219,452,577	127.6%
Ohio Power Co - Transmission	40,770,731	477,133	41,247,864	53,155,070	128.9%
Public Service Co of Oklahoma - Distribution Public Service Co of Oklahoma - Generation	1,799,808 804,326	273,014 109,624	2,072,822 913,950	1,710,501 922,295	82.5% 100.9%
Public Service Co of Oklahoma - Transmission	466,289	52,541	518,830	619,465	119.4%
Southwestern Electric Power Co - Distribution	1,169,740	159,403	1,329,143	1,194,755	89.9%
Southwestern Electric Power Co - Generation	1,102,364	204,025	1,306,389	1,132,541	86.7%
Southwestern Electric Power Co - Texas - Distribution	1,590,471	84,083	1,674,554	887,542	53.0%
Southwestern Electric Power Co - Texas - Transmission Southwestern Electric Power Co - Transmission	0 206,069	0 72,004	0 278,073	0 212,029	0.0% 76.2%
Water Transportation (Blackhawk)	20,867,794	455,410	21,323,204	26,286,967	123.3%
AEP Texas North Company - Distribution	286,943	35,605	322,548	308,684	95.7%
AEP Texas North Company - Generation	0	0	0	0	0.0%
AEP Texas North Company - Transmission	59,901	6,954	66,855	41,484	62.1%
Wheeling Power Co - Distribution Wheeling Power Co - Transmission	13,005,306 953,272	87,236 0	13,092,542 953,272	17,518,620 1,374,458	133.8% 144.2%
Cedar Coal Co	3,165,076	0	3,165,076	4,355,889	137.6%
Central Coal Company	0,100,070	0	0,100,070	0	0.0%
Central Ohio Coal	8,102,763	0	8,102,763	11,670,271	144.0%
Southern Ohio Coal - Martinka	5,495,819	0	5,495,819	8,281,080	150.7%
Southern Ohio Coal - Meigs Windsor	8,835,214 2,782,613	0	8,835,214 2,782,613	13,167,240	149.0% 155.0%
Price River Coal	2,782,613	0	2,782,613	4,312,251 531.293	155.0%
Houston Pipeline (HPL)	712,847	0	712,847	2,765,516	388.0%
Total	\$2,491,882,851	\$36,946,477	\$2,528,829,328	\$3,241,633,834	128.2%

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## AMERICAN ELECTRIC POWER RETIREMENT PLAN-EAST SUMMARY OF FAS 87 VALUATION RESULTS AS OF JANUARY 1, 2008

Location	Actives	Number of Deferred Vested	of Participants Beneficiaries & Retirees	Total	Service Cost	Accumulated Benefit Obligation	Projected Benefit Obligation	December 31, 2007 (Accrued)/Prepaid Pension Cost
AEP Energy Services, Inc.	4	35	3	42	\$16,528	\$1,357,269	\$1,402,238	(\$622,253)
AEP Pro Serv, Inc.	1	2	0	3	13,056	616,570	636,998	(45,359)
AEP T & D Services, LLC	0	0	0	Ō	0	0	0	(622)
American Electric Power Service Corporation	5,085	1,313	1,920	8,318	27,740,644	899,304,575	929,099,996	93,674,762
Appalachian Power Co - Distribution	1,214	311	1,600	3,125	5,701,802	290,034,580	299,643,897	87,600,808
Appalachian Power Co - Generation	1,150	96	833	2,079	5,638,785	224,683,734	232,127,871	48,159,975
Appalachian Power Co - Transmission	197	27	92 0	316	1,026,080	39,751,674	41,068,711	7,521,648
C3 Communications, Inc.	0	0		0	0	0	0	(43,819)
Cardinal Operating Company AEP Texas Central Company - Distribution	268 242	23 4	194 3	485 249	1,362,446 532,603	58,902,092 3,400,249	60,853,614 3,512,905	12,307,613 (969,045)
AEP Texas Central Company - Distribution AEP Texas Central Company - Generation	0	0	0	249	552,603	3,400,249	3,512,905	(969,045)
AEP Texas Central Company - Nuclear	0	0	0	0	0	0	0	(3,240)
AEP Texas Central Company - Transmission	40	0	1	41	105,791	661,412	683,326	(186,155)
Columbus Southern Power Co - Distribution	784	168	1,087	2,039	3,223,477	207,813,171	214,698,359	87,050,417
Columbus Southern Power Co - Generation	334	89	404	827	1,782,304	96,435,219	99.630.274	32,619,224
Columbus Southern Power Co - Transmission	58	12	90	160	284,925	21,332,400	22,039,177	9,341,172
Conesville Coal Preparation Company	10	0	7	17	65.955	2.942.516	3.040.006	190.597
Cook Coal Terminal	16	0	10	26	78,785	2,937,994	3,035,334	519,718
CSW Energy, Inc.	16	1	0	17	89,992	565,894	584,643	(123,190)
Elmwood	134	3	3	140	288,453	1,567,789	1,619,732	(728,299)
EnerShop Inc.	0	0	0	0	0	0	0	0
Indiana Michigan Power Co - Distribution	728	166	967	1,861	3,361,012	160,021,734	165,323,514	40,304,443
Indiana Michigan Power Co - Generation	434	183	335	952	2,315,991	88,340,079	91,266,929	16,254,547
Indiana Michigan Power Co - Nuclear	984	332	298	1,614	6,039,970	151,782,525	156,811,327	6,980,605
Indiana Michigan Power Co - Transmission	158	19	92	269	781,472	31,609,047	32,656,306	6,155,418
Kentucky Power Co - Distribution	307	88	229	624	1,464,022	59,653,020	61,629,421	12,371,109
Kentucky Power Co - Generation	152	17	87	256	762,732	27,645,107	28,561,034	5,555,888
Kentucky Power Co - Transmission	55	6	4	65	280,569	6,539,557	6,756,223	148,162
Kingsport Power Co - Distribution	49	21	60	130	217,367	12,019,735	12,417,968	3,694,085
Kingsport Power Co - Transmission	11	0	8	19	49,695	2,827,747	2,921,435	565,775
Memco	573	5	1	579	1,841,155	10,109,230	10,444,165	(5,566,977)
Ohio Power Co - Distribution	904	188	1,199	2,291	3,971,458	211,207,412	218,205,056	70,805,332
Ohio Power Co - Generation	855	156	802	1,813	4,179,587	197,683,751	204,233,335	51,753,432
Ohio Power Co - Transmission	233	19	140	392	1,115,881	47,240,598	48,805,756	12,360,550
Public Service Co of Oklahoma - Distribution Public Service Co of Oklahoma - Generation	236 67	5 3	1	242 70	647,442	3,455,339	3,569,820	(1,355,290)
					210,279	1,442,842	1,490,646	(425,815)
Public Service Co of Oklahoma - Transmission	19	0	1	20	65,164	694,514	717,524	27,084
Southwestern Electric Power Co - Distribution Southwestern Electric Power Co - Generation	147 91	1 1	0	148 92	376,883 295,537	2,214,653 1,948,815	2,288,028 2,013,382	(828,213) (515,865)
Southwestern Electric Power Co - Texas - Distribution	63	22	27	112	166,502	2,256,362	2,331,119	(114,733)
Southwestern Electric Power Co - Texas - Transmission	0	0	0	0	0	2,200,002	2,001,110	(114,700)
Southwestern Electric Power Co - Transmission	34	1	0	35	103.527	463.982	479,354	(155,526)
Water Transportation (Blackhawk)	313	25	149	487	1,054,153	25,714,247	26,566,202	1,571,148
AEP Texas North Company - Distribution	52	0	0	52	117,029	610,676	630,909	(241,603)
AEP Texas North Company - Generation	0	0	0	0	. 0	. 0	. 0	(8,322)
AEP Texas North Company - Transmission	12	0	0	12	33,220	144,449	149,235	(67,525)
Wheeling Power Co - Distribution	63	10	91	164	279,531	14,796,903	15,287,148	6,060,824
Wheeling Power Co - Transmission	0	1	14	15	0	1,048,124	1,082,850	710,448
Cedar Coal Co	0	14	121	135	0	3,540,611	3,657,917	3,341,928
Central Coal Company	0	0	0	0	0	0	0	3,979
Central Ohio Coal	0	38	83	121	0	9,162,409	9,465,974	3,730,370
Southern Ohio Coal - Martinka	0	57	82	139	0	6,500,022	6,715,378	2,115,311
Southern Ohio Coal - Meigs	0	18	101	119	0	9,990,367	10,321,364	4,174,091
Windsor	0	15	38	53	0	3,218,814	3,325,459	1,375,816
Price River Coal	0	5	16	21	0	394,104	407,161	347,638
Houston Pipeline (HPL)	0	42	1	43	0	849,123	877,256	(869,544)
Total	16,093	3,542	11,194	30,829	\$77,681,804	\$2,947,433,034	\$3,045,086,276	\$616,516,523

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ML-3

#### AMERICAN ELECTRIC POWER EAST RETIREMENT PLAN 2008 NET PERIODIC PENSION COST

Location	Service Cost	Projected Benefit Obligation	Market-Related Value of Assets	Interest Cost	Expected Return on Assets	Amortization of Initial Transition (Asset)/ Obligation	Amortization of Prior Service Cost	Amortization of Gain/Loss Amortization	Net Periodic Pension Cost
AEP Energy Services, Inc.	\$16,528	\$1,402,238	\$897,428	\$81,471	(\$68,762)	\$0	\$3,603	\$7,312	\$40,152
AEP Pro Serv, Inc.	13,056	636,998	646,189	37,329	(49,512)	0	118	3,322	4,313
AEP T & D Services, LLC American Electric Power Service Corporation	0 27.740.644	0 929,099,996	0 919,935,718	0 54,945,664	0 (70,486,686)	0	0 1,374,839	0 4,844,640	0 18,419,101
Appalachian Power Co - Distribution	5,701,802	299,643,897	324,550,621	17,534,186	(24,867,496)	0	484,528	1,562,444	415,464
Appalachian Power Co - Generation	5,638,785	232,127,871	239,349,220	13,653,524	(18,339,253)	0	361,960	1,210,393	2,525,409
Appalachian Power Co - Transmission	1,026,080	41,068,711	42,761,084	2,417,253	(3,276,411)	0	59,438	214,146	440,506
C3 Communications, Inc.	0	0	0	0	0	0	0	0	0
Cardinal Operating Company	1,362,446	60,853,614	63,234,009	3,572,698	(4,845,073)	0	89,904	317,311	497,286
AEP Texas Central Company - Distribution AEP Texas Central Company - Generation	532,603 0	3,512,905 0	2,008,032	232,309	(153,858)	0	14,669 0	18,317 0	644,040 0
AEP Texas Central Company - Nuclear	0	0	0	0	0	ő	0	0	ő
AEP Texas Central Company - Transmission	105,791	683,326	295,301	45,314	(22,626)	0	2,034	3,563	134,076
Columbus Southern Power Co - Distribution	3,223,477	214,698,359	240,450,682	12,513,954	(18,423,648)	0	362,965	1,119,510	(1,203,742)
Columbus Southern Power Co - Generation	1,782,304	99,630,274	107,912,816	5,823,521	(8,268,422)	0	159,518	519,506	16,427
Columbus Southern Power Co - Transmission	284,925	22,039,177 3.040.006	25,728,781	1,281,940	(1,971,373)	0	38,043 3.832	114,920	(251,545) 27.689
Conesville Coal Preparation Company Cook Coal Terminal	65,955 78,785	3,040,006	3,084,093 3,061,879	178,357 178,825	(236,307) (234,605)	0	3,832 4,063	15,852 15,827	42,895
CSW Energy, Inc.	89,992	584,643	545,824	38,740	(41,822)	0	1,962	3,049	91,921
Elmwood	288,453	1,619,732	905,819	109,576	(69,405)	0	7,552	8,446	344,622
EnerShop Inc.	0	0	0	0	0	0	0	0	0
Indiana Michigan Power Co - Distribution Indiana Michigan Power Co - Generation	3,361,012 2,315,991	165,323,514 91,266,929	177,807,768 96,713,255	9,686,548 5,373,910	(13,623,866)	0	252,233 138.960	862,053 475,897	537,980 894.461
Indiana Michigan Power Co - Generation Indiana Michigan Power Co - Nuclear	6,039,970	156,811,327	153,773,297	9,351,581	(7,410,297) (11,782,313)	0	251,142	817,667	4,678,047
Indiana Michigan Power Co - Transmission	781,472	32.656.306	34.385.523	1,920,133	(2.634.664)	0	49,377	170,281	286.599
Kentucky Power Co - Distribution	1,464,022	61,629,421	65,915,718	3,623,081	(5,050,549)	0	92,116	321,357	450,027
Kentucky Power Co - Generation	762,732	28,561,034	30,271,827	1,683,889	(2,319,467)	0	46,371	148,927	322,452
Kentucky Power Co - Transmission	280,569	6,756,223	6,688,981	404,081	(512,519)	0	10,405	35,229	217,765
Kingsport Power Co - Distribution	217,367	12,417,968	12,992,982	725,572	(995,539)	0	18,926	64,751	31,077
Kingsport Power Co - Transmission Memco	49,695 1,841,155	2,921,435 10,444,165	2,840,008 5,548,404	170,614 705,473	(217,605) (425,126)	0	3,478 40,370	15,233 54,459	21,415 2,216,331
Ohio Power Co - Distribution	3,971,458	218,205,056	236,581,054	12,758,275	(18,127,152)	0	364,456	1,137,795	104,832
Ohio Power Co - Generation	4,179,587	204,233,335	213,885,744	11,967,914	(16,388,208)	0	324,557	1,064,941	1,148,791
Ohio Power Co - Transmission	1,115,881	48,805,756	51,806,690	2,866,703	(3,969,497)	0	79,060	254,490	346,637
Public Service Co of Oklahoma - Distribution	647,442	3,569,820	1,667,111	242,172	(127,736)	0	16,695	18,614	797,187
Public Service Co of Oklahoma - Generation	210,279	1,490,646	898,899	97,674	(68,875)	0	4,761	7,773	251,612
Public Service Co of Oklahoma - Transmission Southwestern Electric Power Co - Distribution	65,164 376,883	717,524 2,288,028	603,751 1,164,448	44,945 153.030	(46,260) (89,222)	0	1,947 10,153	3,741 11,931	69,537 462,775
Southwestern Electric Power Co - Bistribution Southwestern Electric Power Co - Generation	295,537	2,013,382	1,103,812	132,587	(84,576)	0	9,327	10,498	363,373
Southwestern Electric Power Co - Texas - Distribution	166,502	2,331,119	865,028	143,424	(66,280)	0	4,264	12,155	260,065
Southwestern Electric Power Co - Texas - Transmission	0	0	0	0	0	0	0	0	0
Southwestern Electric Power Co - Transmission	103,527	479,354	206,650	33,471	(15,834)	0	1,902	2,500	125,566
Water Transportation (Blackhawk)	1,054,153	26,566,202 630,909	25,620,148 300,854	1,586,073 42,950	(1,963,050)	0	50,606 2,987	138,525 3,290	866,307 143,204
AEP Texas North Company - Distribution AEP Texas North Company - Generation	117,029 0	630,909	300,854	42,950	(23,052)	0	2,987	3,290	143,204
AEP Texas North Company - Transmission	33,220	149,235	40,432	10,477	(3,098)	0	406	778	41,783
Wheeling Power Co - Distribution	279,531	15,287,148	17,074,227	893,902	(1,308,250)	0	26,313	79,712	(28,792)
Wheeling Power Co - Transmission	0	1,082,850	1,339,592	62,182	(102,641)	0	1,872	5,646	(32,941)
Cedar Coal Co	0	3,657,917	4,245,394	210,052	(325,288)	0	8,980	19,074	(87,182)
Central Objected	0	0 465 074	11 274 222	0 542 575	(971 500)	0	12.405	40.350	(265.170)
Central Ohio Coal Southern Ohio Coal - Martinka	0	9,465,974 6,715,378	11,374,232 8,071,015	543,575 385,624	(871,509) (618,412)	0	13,405 7,950	49,359 35,016	(265,170) (189,822)
Southern Ohio Coal - Maranka Southern Ohio Coal - Meigs	0	10,321,364	12,833,228	592,695	(983,299)	0	16,988	53,819	(319,797)
Windsor	0	3,325,459	4,202,863	190,961	(322,029)	0	5,640	17,340	(108,088)
Price River Coal	0	407,161	517,816	23,381	(39,676)	0	1,124	2,123	(13,048)
Houston Pipeline (HPL)	0	877,256	2,695,363	50,376	(206,522)	0	4,574	4,574	(146,998)
Total	\$77,681,804	\$3,045,086,276	\$3,159,403,610	\$179,321,986	(\$242,077,670)	\$0	\$4,830,372	\$15,878,106	\$35,634,598

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#### AMERICAN ELECTRIC POWER EAST RETIREMENT PLAN 10-YEAR PENSION COST FORECAST

10-YEAR PENSION COST FORECAST	FAS 87										Ü
	Cost _				Es	timated Net Perio	dic Pension Cos	t			
1	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Location											
AEP Energy Services, Inc.	\$40,152	\$37,465	\$36,657	\$31,314	\$30,797	\$30,446	\$31,479	\$32,606	\$33,974	\$34,723	\$33,369
AEP Pro Serv, Inc.	4,313	3,271 0	3,229	(309)	1,063 0	1,887	2,842	3,914	5,108	5,828	5,277
AEP T & D Services, LLC American Electric Power Service Corporation	0 18,419,101	17,273,129	0 17,587,149	0 10,632,721	12,973,216	0 14,176,834	0 15,922,487	0 17,829,750	0 19,938,219	0 21,303,259	0 20,780,223
Appalachian Power Co - Distribution	415,464	(97,612)	(129,501)	(1,700,795)	(1,302,095)	(1,050,548)	(599,212)	(99,520)	466,017	788,447	420,774
Appalachian Power Co - Generation	2,525,409	2,182,329	2,207,223	736,912	1,179,705	1,425,238	1,815,288	2,244,052	2,723,800	3,025,054	2,805,052
Appalachian Power Co - Transmission	440,506	380,915	386,712	120,777	203,769	249,650	320,317	397,992	484,784	540,205	503,841
C3 Communications, Inc.	0	0	0	0	0	0	0	0	0	0	0
Cardinal Operating Company	497,286	402,341	403,943	42,392	147,377	207,667	305,414	413,190	534,214	608,403	547,713
AEP Texas Central Company - Distribution AEP Texas Central Company - Generation	644,040 0	658,116 0	677,607 0	563,074 0	616,344 0	638,262 0	661,848 0	686,659 0	712,310 0	731,195 0	747,855 0
AEP Texas Central Company - Generation AEP Texas Central Company - Nuclear	0	0	0	0	0	0	0	0	0	0	0
AEP Texas Central Company - Transmission	134,076	136,929	140,784	118,042	128,526	132,775	137,360	142,173	147,183	151,490	155,220
Columbus Southern Power Co - Distribution	(1,203,742)	(1,609,599)	(1,667,648)	(2,615,041)	(2,426,109)	(2,283,297)	(1,989,048)	(1,661,186)	(1,286,640)	(1,099,072)	(1,403,506)
Columbus Southern Power Co - Generation	16,427	(158,965)	(174,559)	(673,638)	(552,125)	(472,800)	(327,641)	(166,577)	16,064	116,469	(9,701)
Columbus Southern Power Co - Transmission	(251,545)	(295,389)	(303,013)	(390,665)	(375,013)	(361,190)	(331,896)	(299,088)	(261,449)	(243,966)	(279,981)
Conesville Coal Preparation Company	27,689	22,873	22,835	5,198	10,425	13,443	18,158	23,370	29,227	32,839	29,976
Cook Coal Terminal	42,895	38,638	39,163	18,888	25,440	28,984	34,233	40,000	46,429	50,641	48,222
CSW Energy, Inc. Elmwood	91,921 344,622	94,272 352,927	97,647 363,792	78,335 302,154	87,602 330,998	91,561 342,791	95,763 355,500	100,203 368,842	104,841 382,688	108,622 394,027	110,997 402,750
EnerShop Inc.	0	0	0	0	330,990	0	333,300	0	0	0	402,730
Indiana Michigan Power Co - Distribution	537,980	264,277	255,713	(655,673)	(406,764)	(255,322)	1,706	285,932	606,195	790,118	606,037
Indiana Michigan Power Co - Generation	894,461	763,152	778,179	180,056	366,932	470,322	630,645	806,724	1,003,337	1,127,908	1,045,320
Indiana Michigan Power Co - Nuclear	4,678,047	4,542,348	4,654,543	3,201,053	3,735,995	3,994,936	4,346,763	4,728,089	5,145,890	5,445,884	5,403,378
Indiana Michigan Power Co - Transmission	286,599	237,670	240,897	36,573	98,057	132,670	187,767	248,377	316,228	358,322	327,655
Kentucky Power Co - Distribution	450,027	356,998	362,962	(20,289)	98,656	166,496	271,063	386,277	515,213	595,345	530,503
Kentucky Power Co - Generation Kentucky Power Co - Transmission	322,452 217,765	282,963 212,764	289,337 218,513	94,346 151,711	156,718 177,266	190,640 189,553	242,460 205,657	299,277 223,090	362,570 242,136	403,133 256,200	376,688 255,004
Kingsport Power Co - Distribution	31.077	9.119	6.810	(54,471)	(39.738)	(30,194)	(12,779)	6.568	28.533	40.718	25,448
Kingsport Power Co - Distribution  Kingsport Power Co - Transmission	21,415	16,238	15,558	1,410	4,979	7,229	11,041	15,293	20,116	22,782	19,699
Memco	2,216,331	2,269,162	2,338,296	1,944,681	2,130,082	2,206,071	2,286,905	2,371,811	2,459,990	2,534,005	2,593,220
Ohio Power Co - Distribution	104,832	(276,487)	(307,571)	(1,414,586)	(1,148,689)	(976,578)	(655,478)	(299,687)	103,614	325,061	51,239
Ohio Power Co - Generation	1,148,791	813,160	801,824	(330,479)	(25,895)	156,255	469,024	814,641	1,204,239	1,431,328	1,200,855
Ohio Power Co - Transmission	346,637 797,187	271,217	273,893 840,412	(20,707) 702,112	64,225	112,966 793,551	193,488	282,136 851,296	381,555	441,156 904,844	391,134 926,766
Public Service Co of Oklahoma - Distribution Public Service Co of Oklahoma - Generation	251,612	816,063 256,909	264,505	219,147	767,088 240,322	249,108	821,729 258,485	268,366	881,774 278,675	287,321	293,263
Public Service Co of Oklahoma - Transmission	69,537	70,525	72,654	58,265	64,675	67,437	70,567	73,891	77,372	79,679	81.344
Southwestern Electric Power Co - Distribution	462,775	473,242	487,207	406,418	444,462	460,085	476,596	493,955	511,815	524,564	536,923
Southwestern Electric Power Co - Generation	363,373	371,042	381,770	318,121	347,772	359,986	373,035	386,770	400,844	409,595	419,212
Southwestern Electric Power Co - Texas - Distribution	260,065	261,616	266,172	228,589	244,360	250,736	257,821	265,334	273,234	279,585	283,754
Southwestern Electric Power Co - Texas - Transmission	0	0	0	0	0	0	0	0	0	0	0
Southwestern Electric Power Co - Transmission Water Transportation (Blackhawk)	125,566 866,307	128,806 844,722	132,799 864,940	110,811 612,282	121,187 702,228	125,386 744,766	129,869 805,262	134,564 870,614	139,431 942,076	143,620 991,646	147,532 987,173
AEP Texas North Company - Distribution	143,204	146,648	151,068	126,090	137,809	142,576	147,675	153,023	158,565	163,126	166,776
AEP Texas North Company - Generation	0	0	0	0	. 0	0	0	0	0	0	0
AEP Texas North Company - Transmission	41,783	42,839	44,118	37,066	40,413	41,761	43,175	44,655	46,202	47,772	48,957
Wheeling Power Co - Distribution	(28,792)	(55,566)	(57,517)	(135,275)	(115,964)	(103,294)	(80,228)	(54,657)	(25,700)	(9,906)	(30,698)
Wheeling Power Co - Transmission	(32,941)	(35,704)	(36,669)	(38,084)	(38,888)	(38,841)	(37,929)	(36,867)	(35,575)	(35,322)	(37,633)
Cedar Coal Co Central Coal Company	(87,182) 0	(96,451) 0	(99,804) 0	(104,620) 0	(109,142) 0	(110,236) 0	(107,445) 0	(104,245) 0	(100,251) 0	(99,525) 0	(106,965) 0
Central Coal Company Central Ohio Coal	(265,170)	(289,246)	(297,791)	(310,204)	(315,735)	(314,521)	(306,899)	(297.935)	(287,054)	(284,997)	(304.761)
Southern Ohio Coal - Martinka	(189,822)	(206,902)	(212,963)	(221,770)	(224,761)	(223,313)	(217,904)	(211,506)	(203,776)	(202,316)	(216,339)
Southern Ohio Coal - Meigs	(319,797)	(346,148)	(355,318)	(368,797)	(375,903)	(375,072)	(366,317)	(356,099)	(343,692)	(341,252)	(363,369)
Windsor	(108,088)	(116,593)	(119,524)	(123,858)	(126,194)	(125,926)	(123,035)	(119,668)	(115,584)	(114,766)	(121,982)
Price River Coal	(13,048)	(14,090)	(14,448)	(14,978)	(15,520)	(15,647)	(15,289)	(14,884)	(14,382)	(14,280)	(15,168)
Houston Pipeline (HPL)	(146,998)	(149,607)	(149,839)	(150,777)	(151,987)	(151,611)	(149,214)	(146,558)	(143,459)	(142,518)	(146,509)
Total	\$35,634,599	\$31,286,326	\$31,782,746	\$11,733,522	\$17,927,966	\$21,313,678	\$26,611,108	\$32,424,957	\$38,906,900	\$42,906,994	\$40,272,537

## AMERICAN ELECTRIC POWER EAST RETIREMENT PLAN ESTIMATED 2009 NET PERIODIC PENSION COST

Location	Service Cost	Projected Benefit Obligation	Market-Related Value of Assets	Interest Cost	Expected Return on Assets	Initial Transition (Asset)/ Obligation	Prior Service Cost	Gain/Loss Amortization	Net Periodic Pension Cost
AEP Energy Services, Inc.	\$17,189	\$1,394,955	\$900,528	\$81,026	(\$68,968)	\$0	\$3,603	\$4,615	\$37,465
AEP Pro Serv, Inc.	13,578	633,689	648,421	37,139	(49,660)	0	118	2,096	3,271
AEP T & D Services, LLC	0	0	0	0	0	0	0	0	0
American Electric Power Service Corporation  Appalachian Power Co - Distribution	28,850,270 5,929,874	924,274,076 298,087,490	923,113,597 325,671,767	54,688,160 17,443,842	(70,697,969) (24,942,036)	0	1,374,839 484,528	3,057,829 986,180	17,273,129 (97,612)
Appalachian Power Co - Generation Appalachian Power Co - Transmission C3 Communications, Inc.	5,864,336	230,922,155	240,176,041	13,586,284	(18,394,224)	0	361,960	763,973	2,182,329
	1,067,123	40,855,392	42,908,800	2,405,421	(3,286,232)	0	59,438	135,164	380,915
	0	0	0	0	0	0	0	0	0
Cardinal Operating Company AEP Texas Central Company - Distribution AEP Texas Central Company - Generation AEP Texas Central Company - Nuclear	1,416,944 553,907 0 0	60,537,529 3,494,658 0 0	63,452,449 2,014,968 0 0	3,554,810 232,298 0 0	(4,859,596) (154,319) 0 0	0 0 0 0	89,904 14,669 0	200,280 11,562 0 0	402,341 658,116 0 0
AEP Texas Central Company - Transmission	110,023	679,777	296,321	45,317	(22,694)	0	2,034	2,249	136,929
Columbus Southern Power Co - Distribution	3,352,416	213,583,175	241,281,308	12,447,283	(18,478,872)	0	362,965	706,610	(1,609,599)
Columbus Southern Power Co - Generation	1,853,596	99,112,776	108,285,597	5,793,226	(8,293,207)	0	159,518	327,901	(158,965)
Columbus Southern Power Co - Transmission	296,322	21,924,701	25,817,660	1,274,993	(1,977,282)	0	38,043	72,535	(295,389)
Conesville Coal Preparation Company	68,593	3,024,216	3,094,746	177,459	(237,016)	0	3,832	10,005	22,873
Cook Coal Terminal	81,936	3,019,568	3,072,456	177,957	(235,308)	0	4,063	9,990	38,638
CSW Energy, Inc.	93,592	581,606	547,709	38,741	(41,947)	0	1,962	1,924	94,272
Elmwood	299,991	1,611,319	908,948	109,667	(69,613)	0	7,552	5,331	352,927
EnerShop Inc.	0	0	0	0	0	0	0	0	0
Indiana Michigan Power Co - Distribution	3,495,452	164,464,793	178,421,997	9,637,186	(13,664,703)	0	252,233	544,108	264,277
Indiana Michigan Power Co - Generation	2,408,631	90,792,871	97,047,347	5,347,695	(7,432,509)	0	138,960	300,375	763,152
Indiana Michigan Power Co - Nuclear	6,281,569	155,996,819	154,304,500	9,311,174	(11,817,630)	0	251,142	516,093	4,542,348
Indiana Michigan Power Co - Transmission	812,731	32,486,683	34,504,306	1,910,646	(2,642,561)	0	49,377	107,478	237,670
Kentucky Power Co - Distribution	1,522,583	61,309,306	66,143,421	3,605,154	(5,065,688)	0	92,116	202,833	356,998
Kentucky Power Co - Generation	793,241	28,412,683	30,376,400	1,675,771	(2,326,420)	0	46,371	93,999	282,963
Kentucky Power Co - Transmission	291,792	6,721,130	6,712,088	402,386	(514,055)	0	10,405	22,236	212,764
Kingsport Power Co - Distribution	226,062	12,353,467	13,037,866	721,785	(998,524)	0	18,926	40,870	9,119
Kingsport Power Co - Transmission	51,683	2,906,261	2,849,818	169,720	(218,257)	0	3,478	9,615	16,238
Memco	1,914,801	10,389,916	5,567,571	706,017	(426,400)	0	40,370	34,374	2,269,162
Ohio Power Co - Distribution	4,130,316	217,071,658	237,398,314	12,692,079	(18,181,488)	0	364,456	718,151	(276,487)
Ohio Power Co - Generation	4,346,770	203,172,509	214,624,603	11,906,996	(16,437,331)	0	324,557	672,167	813,160
Ohio Power Co - Transmission	1,160,516	48,552,250	51,985,654	2,852,408	(3,981,395)	0	79,060	160,628	271,217
Public Service Co of Oklahoma - Distribution	673,340	3,551,278	1,672,870	242,399	(128,119)	0	16,695	11,749	816,063
Public Service Co of Oklahoma - Generation	218,690	1,482,903	902,004	97,634	(69,081)	0	4,761	4,906	256,909
Public Service Co of Oklahoma - Transmission Southwestern Electric Power Co - Distribution Southwestern Electric Power Co - Generation Southwestern Electric Power Co - Texas - Distribution	67,771 391,958 307,358 173,162	713,797 2,276,144 2,002,924 2,319,011	605,837 1,168,470 1,107,625 868,017	44,845 153,090 132,559 142,995	(46,399) (89,489) (84,829) (66,478)	0 0 0	1,947 10,153 9,327 4,264	2,361 7,530 6,626 7,672	70,525 473,242 371,042 261,616
Southwestern Electric Power Co - Texas - Transmission Southwestern Electric Power Co - Transmission Water Transportation (Blackhawk) AEP Texas North Company - Distribution	0 107,668 1,096,319 121,710	0 476,864 26,428,212 627,632	0 207,364 25,708,652 301,893	0 33,539 1,579,297 42,996	0 (15,881) (1,968,934) (23,121)	0 0 0	0 1,902 50,606 2,987	0 1,578 87,434 2,076	0 128,806 844,722 146,648
AEP Texas North Company - Generation	0	0	0	0	0	0	0	0	0
AEP Texas North Company - Transmission	34,549	148,460	40,572	10,501	(3,107)	0	406	491	42,839
Wheeling Power Co - Distribution	290,712	15,207,744	17,133,210	889,267	(1,312,171)	0	26,313	50,313	(55,566)
Wheeling Power Co - Transmission	0	1,077,225	1,344,220	61,809	(102,949)	0	1,872	3,564	(35,704)
Cedar Coal Co	0	3,638,917	4,260,059	208,793	(326,263)	0	8,980	12,039	(96,451)
Central Coal Company	0	0	0	0	0	0	0	0	0
Central Ohio Coal	0	9,416,806	11,413,523	540,315	(874,121)	0	13,405	31,154	(289,246)
Southern Ohio Coal - Martinka	0	6,680,497	8,098,896	383,312	(620,266)	0	7,950	22,101	(206,902)
Southern Ohio Coal - Meigs Windsor Price River Coal Houston Pipeline (HPL)	0 0 0	10,267,753 3,308,186 405,046 872,699	12,877,560 4,217,382 519,605 2,704,674	589,141 189,816 23,241 50,074	(986,246) (322,994) (39,795) (207,141)	0 0 0	16,988 5,640 1,124 4,574	33,969 10,945 1,340 2,887	(346,148) (116,593) (14,090) (149,607)
Total	\$80,789,076	\$3,029,269,525	\$3,170,317,635	\$178,448,263	(\$242,803,289)	\$0	\$4,830,372	\$10,021,907	\$31,286,326

# AMERICAN ELECTRIC POWER EAST RETIREMENT PLAN ESTIMATED 2010 NET PERIODIC PENSION COST

Location	Service Cost	Projected Benefit Obligation	Market-Related Value of Assets	Interest Cost	Expected Return on Assets	Initial Transition (Asset)/ Obligation	Prior Service Cost	Gain/Loss Amortization	Net Periodic Pension Cost
AEP Energy Services, Inc. AEP Pro Serv, Inc. AEP T & D Services, LLC American Electric Power Service Corporation	\$17,877 14,121 0 30,004,280	\$1,386,964 630,059 0 918,979,405	\$896,817 645,749 0 919,310,016	\$80,579 36,949 0 54,431,861	(\$68,662) (49,440) 0 (70,384,396)	\$0 0 0	\$3,603 118 0 1,374,839	\$3,261 1,481 0 2,160,565	\$36,657 3,229 0 17,587,149
Appalachian Power Co - Distribution Appalachian Power Co - Generation Appalachian Power Co - Transmission C3 Communications, Inc.	6,167,069 6,098,910 1,109,808	296,379,907 229,599,326 40,621,354	324,329,875 239,186,424 42,732,000 0	17,353,507 13,519,193 2,393,618 0	(24,831,408) (18,312,638) (3,271,656)	0 0 0 0	484,528 361,960 59,438	696,803 539,799 95,503	(129,501) 2,207,223 386,712 0
Cardinal Operating Company AEP Texas Central Company - Distribution AEP Texas Central Company - Generation AEP Texas Central Company - Nuclear	1,473,622 576,063 0 0	60,190,742 3,474,639 0 0	63,191,000 2,006,666 0 0	3,536,948 232,340 0 0	(4,838,042) (153,635) 0 0	0 0 0 0	89,904 14,669 0	141,511 8,169 0 0	403,943 677,607 0 0
AEP Texas Central Company - Transmission	114,424	675,883	295,100	45,330	(22,594)	0	2,034	1,589	140,784
Columbus Southern Power Co - Distribution	3,486,513	212,359,672	240,287,137	12,380,518	(18,396,911)	0	362,965	499,268	(1,667,648)
Columbus Southern Power Co - Generation	1,927,740	98,545,012	107,839,419	5,762,922	(8,256,423)	0	159,518	231,684	(174,559)
Columbus Southern Power Co - Transmission	308,175	21,799,106	25,711,281	1,268,031	(1,968,512)	0	38,043	51,251	(303,013)
Conesville Coal Preparation Company	71,337	3,006,892	3,081,995	176,561	(235,964)	0	3,832	7,069	22,835
Cook Coal Terminal	85,214	3,002,270	3,059,796	177,092	(234,265)	0	4,063	7,058	39,163
CSW Energy, Inc.	97,335	578,275	545,453	38,752	(41,761)	0	1,962	1,360	97,647
Elmwood	311,991	1,602,088	905,203	109,788	(69,304)	0	7,552	3,767	363,792
EnerShop Inc.	0	0	0	0	0	0	0	0	0
Indiana Michigan Power Co - Distribution	3,635,271	163,522,662	177,686,830	9,587,854	(13,604,094)	0	252,233	384,450	255,713
Indiana Michigan Power Co - Generation	2,504,976	90,272,768	96,647,474	5,321,551	(7,399,543)	0	138,960	212,236	778,179
Indiana Michigan Power Co - Nuclear	6,532,832	155,103,197	153,668,707	9,271,129	(11,765,214)	0	251,142	364,655	4,654,543
Indiana Michigan Power Co - Transmission	845,240	32,300,584	34,362,135	1,901,180	(2,630,841)	0	49,377	75,940	240,897
Kentucky Power Co - Distribution	1,583,486	60,958,098	65,870,884	3,587,264	(5,043,220)	0	92,116	143,315	362,962
Kentucky Power Co - Generation	824,971	28,249,922	30,251,238	1,667,679	(2,316,101)	0	46,371	66,417	289,337
Kentucky Power Co - Transmission	303,463	6,682,628	6,684,431	400,709	(511,775)	0	10,405	15,711	218,513
Kingsport Power Co - Distribution	235,104	12,282,700	12,984,145	717,997	(994,095)	0	18,926	28,877	6,810
Kingsport Power Co - Transmission	53,750	2,889,612	2,838,076	168,826	(217,289)	0	3,478	6,794	15,558
Memco	1,991,393	10,330,398	5,544,631	706,754	(424,509)	0	40,370	24,287	2,338,296
Ohio Power Co - Distribution	4,295,529	215,828,171	236,420,142	12,625,868	(18,100,846)	0	364,456	507,422	(307,571)
Ohio Power Co - Generation Ohio Power Co - Transmission Public Service Co of Oklahoma - Distribution Public Service Co of Oklahoma - Generation	4,520,641	202,008,642	213,740,267	11,846,118	(16,364,425)	0	324,557	474,932	801,824
	1,206,937	48,274,120	51,771,453	2,838,137	(3,963,736)	0	79,060	113,495	273,893
	700,273	3,530,934	1,665,978	242,694	(127,551)	0	16,695	8,301	840,412
	227,438	1,474,409	898,287	97,615	(68,775)	0	4,761	3,466	264,505
Public Service Co of Oklahoma - Transmission	70,481	709,708	603,340	44,750	(46,193)	0	1,947	1,669	72,654
Southwestern Electric Power Co - Distribution	407,637	2,263,105	1,163,656	153,189	(89,092)	0	10,153	5,321	487,207
Southwestern Electric Power Co - Generation	319,653	1,991,450	1,103,061	132,560	(84,453)	0	9,327	4,682	381,770
Southwestern Electric Power Co - Texas - Distribution	180,089	2,305,726	864,440	142,582	(66,183)	0	4,264	5,421	266,172
Southwestern Electric Power Co - Texas - Transmission	0	0	0	0	0	0	0	0	0
Southwestern Electric Power Co - Transmission	111,975	474,132	206,509	33,618	(15,811)	0	1,902	1,115	132,799
Water Transportation (Blackhawk)	1,140,172	26,276,819	25,602,723	1,572,585	(1,960,201)	0	50,606	61,778	864,940
AEP Texas North Company - Distribution	126,579	624,037	300,650	43,054	(23,018)	0	2,987	1,467	151,068
AEP Texas North Company - Generation	0	0	0	0	0	0	0	0	0
AEP Texas North Company - Transmission	35,931	147,609	40,405	10,528	(3,093)	0	406	347	44,118
Wheeling Power Co - Distribution	302,341	15,120,627	17,062,614	884,631	(1,306,351)	0	26,313	35,549	(57,517)
Wheeling Power Co - Transmission	0	1,071,055	1,338,681	61,434	(102,492)	0	1,872	2,518	(36,669)
Cedar Coal Co Central Coal Company Central Ohio Coal Southern Ohio Coal - Martinka	0 0 0	3,618,072 0 9,362,862 6,642,228	4,242,506 0 11,366,495 8,065,526	207,526 0 537,036 380,985	(324,816) 0 (870,244) (617,514)	0 0 0	8,980 0 13,405 7,950	8,506 0 22,013 15,616	(99,804) 0 (297,791) (212,963)
Southern Ohio Coal - Meigs Windsor Price River Coal Houston Pipeline (HPL)	0 0 0	10,208,934 3,289,235 402,726 867,700	12,824,499 4,200,004 517,464 2,693,530	585,565 188,664 23,100 49,770	(981,872) (321,562) (39,618) (206,223)	0 0 0 0	16,988 5,640 1,124 4,574	24,002 7,733 947 2,040	(355,318) (119,524) (14,448) (149,839)
Total	\$84,020,639	\$3,011,916,462	\$3,157,254,714	\$177,576,938	(\$241,726,361)	\$0	\$4,830,372	\$7,081,161	\$31,782,746

# AMERICAN ELECTRIC POWER EAST RETIREMENT PLAN ESTIMATED 2011 NET PERIODIC PENSION COST

Location	Service Cost	Projected Benefit Obligation	Market-Related Value of Assets	Interest Cost	Expected Return on Assets	Initial Transition (Asset)/ Obligation	Prior Service Cost	Gain/Loss Amortization	Net Periodic Pension Cost
AEP Energy Services, Inc. AEP Pro Serv, Inc. AEP T & D Services, LLC American Electric Power Service Corporation	\$14,659 11,580 0 24,603,510	\$1,379,684 626,752 0 914,156,159	\$894,980 644,426 0 917,426,452	\$79,977 36,613 0 53,845,292	(\$68,546) (49,356) 0 (70,265,111)	\$0 0 0	\$3,603 118 0 1,374,839	\$1,621 736 0 1,074,191	\$31,314 (309) 0 10,632,721
Appalachian Power Co - Distribution Appalachian Power Co - Generation Appalachian Power Co - Transmission C3 Communications, Inc.	5,056,997 5,001,106 910,043	294,824,363 228,394,278 40,408,153	323,665,359 238,696,358 42,644,447 0	17,200,568 13,387,071 2,369,925 0	(24,789,325) (18,281,603) (3,266,111)	0 0 0 0	484,528 361,960 59,438	346,437 268,378 47,482	(1,700,795) 736,912 120,777
Cardinal Operating Company AEP Texas Central Company - Distribution AEP Texas Central Company - Generation AEP Texas Central Company - Nuclear	1,208,370 472,372 0 0	59,874,832 3,456,403 0 0	63,061,529 2,002,554 0 0	3,503,605 225,346 0 0	(4,829,843) (153,374) 0 0	0 0 0 0	89,904 14,669 0 0	70,357 4,061 0 0	42,392 563,074 0 0
AEP Texas Central Company - Transmission Columbus Southern Power Co - Distribution Columbus Southern Power Co - Generation Columbus Southern Power Co - Transmission	93,827 2,858,940 1,580,747 252,703	672,335 211,245,106 98,027,800 21,684,694	294,495 239,794,816 107,618,468 25,658,601	43,945 12,280,560 5,713,338 1,258,283	(22,555) (18,365,733) (8,242,430) (1,965,176)	0 0 0 0	2,034 362,965 159,518 38,043	790 248,226 115,189 25,481	118,042 (2,615,041) (673,638) (390,665)
Conesville Coal Preparation Company Cook Coal Terminal CSW Energy, Inc. Elmwood	58,496 69,875 79,815 255,832	2,991,110 2,986,513 575,239 1,593,680	3,075,680 3,053,527 544,335 903,348	174,919 175,308 37,573 106,084	(235,564) (233,868) (41,690) (69,187)	0 0 0	3,832 4,063 1,962 7,552	3,515 3,509 676 1,873	5,198 18,888 78,335 302,154
EnerShop Inc. Indiana Michigan Power Co - Distribution Indiana Michigan Power Co - Generation Indiana Michigan Power Co - Nuclear	0 2,980,922 2,054,080 5,356,922	0 162,664,416 89,798,973 154,289,141	0 177,322,770 96,449,455 153,353,857	0 9,501,070 5,268,499 9,156,964	0 (13,581,039) (7,387,003) (11,745,275)	0 0 0 0	0 252,233 138,960 251,142	0 191,141 105,519 181,300	0 (655,673) 180,056 3,201,053
Indiana Michigan Power Co - Transmission Kentucky Power Co - Distribution Kentucky Power Co - Generation Kentucky Power Co - Transmission	693,097 1,298,459 676,476 248,840	32,131,055 60,638,161 28,101,652 6,647,555	34,291,731 65,735,922 30,189,256 6,670,736	1,882,725 3,552,555 1,650,653 395,563	(2,626,382) (5,034,673) (2,312,176) (510,907)	0 0 0 0	49,377 92,116 46,371 10,405	37,756 71,254 33,021 7,811	36,573 (20,289) 94,346 151,711
Kingsport Power Co - Distribution Kingsport Power Co - Transmission Memco Ohio Power Co - Distribution	192,785 44,075 1,632,942 3,522,334	12,218,235 2,874,446 10,276,179 214,695,401	12,957,542 2,832,261 5,533,270 235,935,743	711,870 167,400 683,082 12,516,513	(992,410) (216,921) (423,790) (18,070,169)	0 0 0	18,926 3,478 40,370 364,456	14,357 3,378 12,075 252,281	(54,471) 1,410 1,944,681 (1,414,586)
Ohio Power Co - Generation Ohio Power Co - Transmission Public Service Co of Oklahoma - Distribution Public Service Co of Oklahoma - Generation	3,706,926 989,688 574,224 186,499	200,948,404 48,020,754 3,512,402 1,466,670	213,302,337 51,665,379 1,662,564 896,447	11,738,602 2,811,137 234,400 94,822	(16,336,691) (3,957,019) (127,335) (68,658)	0 0 0	324,557 79,060 16,695 4,761	236,127 56,427 4,127 1,723	(330,479) (20,707) 702,112 219,147
Public Service Co of Oklahoma - Transmission Southwestern Electric Power Co - Distribution Southwestern Electric Power Co - Generation Southwestern Electric Power Co - Texas - Distribution	57,795 334,262 262,115 147,673	705,983 2,251,227 1,980,998 2,293,625	602,104 1,161,272 1,100,801 862,669	43,809 148,298 128,660 140,028	(46,115) (88,941) (84,310) (66,071)	0 0 0 0	1,947 10,153 9,327 4,264	830 2,645 2,328 2,695	58,265 406,418 318,121 228,589
Southwestern Electric Power Co - Texas - Transmission Southwestern Electric Power Co - Transmission Water Transportation (Blackhawk) AEP Texas North Company - Distribution	0 91,819 934,941 103,794	0 471,644 26,138,906 620,761	0 206,086 25,550,265 300,034	0 32,319 1,552,899 41,559	0 (15,784) (1,956,879) (22,979)	0 0 0	0 1,902 50,606 2,987	0 554 30,715 729	0 110,811 612,282 126,090
AEP Texas North Company - Generation AEP Texas North Company - Transmission Wheeling Power Co - Distribution Wheeling Power Co - Transmission	0 29,463 247,919 0	0 146,835 15,041,266 1,065,433	0 40,322 17,027,655 1,335,938	0 10,112 876,956 61,111	0 (3,088) (1,304,137) (102,319)	0 0 0	0 406 26,313 1,872	0 173 17,674 1,252	0 37,066 (135,275) (38,084)
Cedar Coal Co Central Coal Company Central Ohio Coal Southern Ohio Coal - Martinka	0 0 0 0	3,599,082 0 9,313,721 6,607,366	4,233,814 0 11,343,207 8,049,001	206,436 0 534,216 378,985	(324,265) 0 (868,769) (616,468)	0 0 0 0	8,980 0 13,405 7,950	4,229 0 10,944 7,764	(104,620) 0 (310,204) (221,770)
Southern Ohio Coal - Meigs Windsor Price River Coal Houston Pipeline (HPL)	0 0 0 0	10,155,353 3,271,972 400,612 863,146	12,798,223 4,191,399 516,404 2,688,011	582,490 187,673 22,978 49,508	(980,208) (321,017) (39,551) (205,873)	0 0 0 0	16,988 5,640 1,124 4,574	11,933 3,845 471 1,014	(368,797) (123,858) (14,978) (150,777)
Total	\$68,896,924	\$2,996,108,478	\$3,150,785,851	\$175,802,302	(\$241,316,693)	\$0	\$4,830,372	\$3,520,617	\$11,733,522

# AMERICAN ELECTRIC POWER EAST RETIREMENT PLAN ESTIMATED 2012 NET PERIODIC PENSION COST

Location	Service Cost	Projected Benefit Obligation	Market-Related Value of Assets	Interest Cost	Expected Return on Assets	Initial Transition (Asset)/ Obligation	Prior Service Cost	Gain/Loss Amortization	Net Periodic Pension Cost
AEP Energy Services, Inc. AEP Pro Serv, Inc. AEP T & D Services, LLC	\$16,271 12,853 0	\$1,365,892 620,487	\$886,224 638,121 0	\$79,245 36,312 0	(\$67,841) (48,848)	\$0 0 0	\$1,635 \$71 \$0	\$1,486 675 0	\$30,797 1,063
American Electric Power Service Corporation	27,309,896	905,017,938	908,451,020	53,454,373	(69,542,170)	0	\$766,708	984,410	12,973,216
Appalachian Power Co - Distribution	5,613,266	291,877,196	320,498,853	17,056,410	(24,534,273)	0	\$245,021	317,482	(1,302,095)
Appalachian Power Co - Generation Appalachian Power Co - Transmission C3 Communications, Inc.	5,551,228 1,010,147 0	226,111,170 40,004,219 0	236,361,127 42,227,244 0	13,282,204 2,351,530 0	(18,093,508) (3,232,507) 0	0	\$193,835 \$31,085 \$0	245,946 43,514 0	1,179,705 203,769 0
Cardinal Operating Company	1,341,290	59,276,302	62,444,581	3,475,468	(4,780,149)	0	\$46,293	64,476	147,377
AEP Texas Central Company - Distribution AEP Texas Central Company - Generation	524,333 0	3,421,851 0	1,982,963 0	226,252 0	(151,796) 0	0	\$13,834 \$0	3,722 0	616,344 0
AEP Texas Central Company - Nuclear	0	0	0	0	0	0	\$0	0	0
AEP Texas Central Company - Transmission	104,148 3,173,424	665,614 209,133,427	291,614 237,448,838	44,134 12,172,467	(22,323) (18,176,772)	0	\$1,844 \$177,294	724 227,479	128,526
Columbus Southern Power Co - Distribution Columbus Southern Power Co - Generation	1,754,629	97,047,880	106,565,607	5,664,774	(8,157,626)	0	\$177,294 \$80,537	105,561	(2,426,109) (552,125)
Columbus Southern Power Co - Transmission	280,501	21,467,927	25,407,576	1,246,931	(1,944,957)	0	\$19,161	23,351	(375,013)
Conesville Coal Preparation Company	64,931	2,961,210	3,045,590	173,502	(233,141)	0	\$1,912	3,221	10,425
Cook Coal Terminal CSW Energy, Inc.	77,562 88,595	2,956,659 569,489	3,023,654 539,010	173,965 37,731	(231,462) (41,261)	0	\$2,159 \$1,918	3,216 619	25,440 87,602
Elmwood	283,974	1,577,749	894,511	106,741	(68,475)	0	\$7,042	1,716	330,998
EnerShop Inc.	0	0	0	0	0	0	\$0	0	0
Indiana Michigan Power Co - Distribution Indiana Michigan Power Co - Generation	3,308,823 2,280,029	161,038,367 88,901,311	175,587,973 95,505,863	9,422,733 5,227,819	(13,441,307) (7,311,000)	0	\$127,821 \$73,383	175,165 96,700	(406,764) 366,932
Indiana Michigan Power Co - Nuclear	5,946,183	152,746,814	151,853,554	9,098,553	(11,624,430)	0	\$149,543	166,146	3,735,995
Indiana Michigan Power Co - Transmission	769,338	31,809,862	33,956,246	1,867,906	(2,599,360)	0	\$25,573	34,600	98,057
Kentucky Power Co - Distribution Kentucky Power Co - Generation	1,441,289 750,889	60,032,001 27,820,739	65,092,810 29,893,907	3,524,529 1,638,135	(4,982,872)	0	\$50,412 \$25,820	65,298	98,656 156,718
Kentucky Power Co - Generation Kentucky Power Co - Transmission	276,212	6,581,103	6,605,474	393,159	(2,288,387) (505,651)	0	\$6,387	30,261 7,158	177,266
Kingsport Power Co - Distribution	213,992	12,096,097	12,830,774	705,790	(982,199)	0	\$9,522	13,157	(39,738)
Kingsport Power Co - Transmission	48,923	2,845,712	2,804,552	165,962	(214,689)	0	\$1,687	3,095	4,979
Memco Ohio Power Co - Distribution	1,812,566 3,909,790	10,173,455 212,549,231	5,479,137 233,627,520	687,210 12,410,529	(419,429) (17,884,249)	0	\$38,669 \$184,047	11,066 231,195	2,130,082 (1,148,689)
Ohio Power Co - Generation	4,114,688	198,939,654	211,215,543	11,641,980	(16,168,607)	0	\$169,652	216,391	(25,895)
Ohio Power Co - Transmission	1,098,554	47,540,722	51,159,923	2,788,699	(3,916,306)	0	\$41,566	51,711	64,225
Public Service Co of Oklahoma - Distribution Public Service Co of Oklahoma - Generation	637,389 207,014	3,477,291 1,452,009	1,646,299 887,677	235,912 95,119	(126,025) (67,952)	0	\$16,029 \$4,562	3,782 1,579	767,088 240,322
Public Service Co of Oklahoma - Transmission	64,152	698,926	596,214	43,751	(45,640)	0	\$1,652	760	64,675
Southwestern Electric Power Co - Distribution	371,031	2,228,723	1,149,911	149,055	(88,026)	0	\$9,978	2,424	444,462 347,772
Southwestern Electric Power Co - Generation Southwestern Electric Power Co - Texas - Distribution	290,948 163,917	1,961,196 2,270,697	1,090,032 854,229	129,125 139,587	(83,442) (65,391)	0	\$9,008 \$3,778	2,133 2,470	244,360
Southwestern Electric Power Co - Texas - Transmission	0	0	0	0	0	0	\$0	0	0
Southwestern Electric Power Co - Transmission	101,919	466,929	204,070	32,615	(15,622)	0	\$1,766	508	121,187
Water Transportation (Blackhawk) AEP Texas North Company - Distribution	1,037,784 115,212	25,877,612 614,556	25,300,300 297,098	1,543,176 41,841	(1,936,745) (22,743)	0	\$29,865 \$2,831	28,148 668	702,228 137,809
AEP Texas North Company - Generation	0	0	0	0	0	0	\$0	0	0
AEP Texas North Company - Transmission	32,704	145,367	39,927	10,210	(3,056)	0	\$398	158	40,413
Wheeling Power Co - Distribution Wheeling Power Co - Transmission	275,191 0	14,890,909 1,054,783	16,861,069 1,322,868	869,538 60,475	(1,290,719) (101,266)	0	\$13,829 \$755	16,197 1,147	(115,964) (38,888)
Cedar Coal Co	0	3,563,105	4,192,393	204,288	(320,929)	0	\$3,623	3,876	(109,142)
Central Coal Company	0	0	0	0	0	0	\$0	0	0
Central Ohio Coal Southern Ohio Coal - Martinka	0	9,220,618 6,541,317	11,232,233 7,970,255	528,658 375,042	(859,830) (610,125)	0	\$5,409 \$3,207	10,029 7,115	(315,735) (224,761)
Southern Ohio Coal - Meigs	0	10,053,837	12,673,015	576,430	(970,123)	0	\$6,854	10,936	(375,903)
Windsor	0	3,239,264	4,150,394	185,721	(317,714)	0	\$2,276	3,523	(126,194)
Price River Coal Houston Pipeline (HPL)	0	396,607 854,518	511,352 2,661,714	22,739 48,993	(39,144) (203,755)	0	\$454 \$1,846	431 929	(15,520) (151,987)
Total	\$76,475,586	\$2,966,158,341	\$3,119,960,858	\$174,447,315	(\$238,833,843)	\$0	\$2,612,549	\$3,226,361	\$17,927,966

# AMERICAN ELECTRIC POWER EAST RETIREMENT PLAN ESTIMATED 2013 NET PERIODIC PENSION COST

Location	Service Cost	Projected Benefit Obligation	Market-Related Value of Assets	Interest Cost	Expected Return on Assets	Initial Transition (Asset)/ Obligation	Prior Service Cost	Gain/Loss Amortization	Net Periodic Pension Cost
AEP Energy Services, Inc.	\$16,922	\$1,354,768	\$875,854	\$78,622	(\$67,013)	\$0	\$398	\$1,517	\$30,446
AEP Pro Serv, Inc.	13,367	615,434	630,655	36,041	(48,253)	0	42	689	1,887
AEP T & D Services, LLC	0	0	0	0	0	0	0	0	0
American Electric Power Service Corporation	28,402,292	897,647,248	897,821,531	53,078,949	(68,694,048)	0	384,396	1,005,246	14,176,834
Appalachian Power Co - Distribution Appalachian Power Co - Generation Appalachian Power Co - Transmission	5,837,797	289,500,076	316,748,801	16,928,062	(24,235,059)	0	94,450	324,202	(1,050,548)
	5,773,277	224,269,665	233,595,542	13,185,512	(17,872,843)	0	88,140	251,152	1,425,238
	1,050,553	39,678,415	41,733,157	2,334,487	(3,193,084)	0	13,259	44,435	249,650
C3 Communications, Inc.  Cardinal Operating Company  AEP Texas Central Company - Distribution	0 1,394,942 545,306	58,793,541 3,393,983	0 61,713,937 1,959,761	0 3,449,860 225,791	0 (4,721,852) (149,945)	0 0 0	0 18,876 13,309	0 65,841 3,801	0 207,667 638,262
AEP Texas Central Company - Generation AEP Texas Central Company - Nuclear	0	0	0	0	0	0	0	0	0
AEP Texas Central Company - Transmission	108,314	660,193	288,202	44,049	(22,051)	0	1,724	739	132,775
Columbus Southern Power Co - Distribution	3,300,361	207,430,193	234,670,526	12,078,572	(17,955,092)	0	60,568	232,294	(2,283,297)
Columbus Southern Power Co - Generation	1,824,814	96,257,498	105,318,718	5,621,844	(8,058,137)	0	30,884	107,796	(472,800)
Columbus Southern Power Co - Transmission	291,721	21,293,086	25,110,291	1,237,190	(1,921,237)	0	7,291	23,845	(361,190)
Conesville Coal Preparation Company	67,528	2,937,093	3,009,955	172,218	(230,297)	0	705	3,289	13,443
Cook Coal Terminal CSW Energy, Inc. Elmwood	80,664	2,932,579	2,988,275	172,712	(228,639)	0	963	3,284	28,984
	92,138	564,851	532,703	37,657	(40,758)	0	1,891	633	91,561
	295,333	1,564,899	884,044	106,624	(67,640)	0	6,722	1,752	342,791
EnerShop Inc.	0	0	0	0	0	0	0	0	0
Indiana Michigan Power Co - Distribution	3,441,176	159,726,830	173,533,475	9,352,401	(13,277,379)	0	49,608	178,873	(255,322)
Indiana Michigan Power Co - Generation	2,371,230	88,177,277	94,388,380	5,190,024	(7,221,836)	0	32,157	98,747	470,322
Indiana Michigan Power Co - Nuclear	6,184,031	151,502,806	150,076,765	9,038,233	(11,482,661)	0	85,671	169,663	3,994,936
Indiana Michigan Power Co - Transmission	800,111	31,550,795	33,558,935	1,854,277	(2,567,659)	0	10,608	35,333	132,670
Kentucky Power Co - Distribution	1,498,941	59,543,085	64,331,180	3,498,783	(4,922,102)	0	24,194	66,680	166,496
Kentucky Power Co - Generation	780,924	27,594,160	29,544,128	1,626,392	(2,260,478)	0	12,900	30,902	190,640
Kentucky Power Co - Transmission	287,261	6,527,505	6,528,186	390,606	(499,484)	0	3,861	7,310	189,553
Kingsport Power Co - Distribution	222,551	11,997,584	12,680,646	700,429	(970,221)	0	3,610	13,436	(30,194)
Kingsport Power Co - Transmission	50,880	2,822,536	2,771,737	164,697	(212,071)	0	562	3,161	7,229
Memco	1,885,069	10,090,600	5,415,027	686,417	(414,314)	0	37,599	11,300	2,206,071
Ohio Power Co - Distribution	4,066,182	210,818,178	230,893,920	12,316,659	(17,666,137)	0	70,630	236,088	(976,578)
Ohio Power Co - Generation	4,279,275	197,319,440	208,744,178	11,555,157	(15,971,418)	0	72,268	220,972	156,255
Ohio Power Co - Transmission	1,142,496	47,153,539	50,561,317	2,768,213	(3,868,543)	0	17,995	52,806	112,966
Public Service Co of Oklahoma - Distribution	662,884	3,448,971	1,627,036	235,682	(124,488)	0	15,611	3,862	793,551
Public Service Co of Oklahoma - Generation	215,294	1,440,183	877,290	94,888	(67,123)	0	4,436	1,613	249,108
Public Service Co of Oklahoma - Transmission	66,718	693,234	589,238	43,559	(45,084)	0	1,467	776	67,437
Southwestern Electric Power Co - Distribution	385,872	2,210,572	1,136,456	148,822	(86,952)	0	9,868	2,476	460,085
Southwestern Electric Power Co - Generation	302,586	1,945,223	1,077,278	128,839	(82,425)	0	8,807	2,178	359,986
Southwestern Electric Power Co - Texas - Distribution	170,473	2,252,204	844,234	138,862	(64,594)	0	3,473	2,522	250,736
Southwestern Electric Power Co - Texas - Transmission Southwestern Electric Power Co - Transmission Water Transportation (Blackhawk) AEP Texas North Company - Distribution	0 105,996 1,079,296 119,820	0 463,126 25,666,858 609,551	0 201,682 25,004,270 293,622	0 32,621 1,533,026 41,806	0 (15,431) (1,913,125) (22,466)	0 0 0	0 1,681 16,825 2,733	0 519 28,743 683	0 125,386 744,766 142,576
AEP Texas North Company - Generation	0	0	0	0	0	0	0	0	0
AEP Texas North Company - Transmission	34,012	144,183	39,460	10,214	(3,019)	0	392	161	41,761
Wheeling Power Co - Distribution	286,198	14,769,633	16,663,783	862,964	(1,274,978)	0	5,981	16,540	(103,294)
Wheeling Power Co - Transmission Cedar Coal Co Central Coal Company	0 0 0	1,046,192 3,534,086	1,307,390 4,143,340 0	59,965 202,565 0	(100,031) (317,015)	0 0 0	53 256 0	1,172 3,958 0	(38,841) (110,236)
Central Ohio Coal Southern Ohio Coal - Martinka	0	9,145,523 6,488,043	11,100,808 7,876,998	524,200 371,879	(849,344) (602,684)	0	382 226	10,242 7,266	(314,521) (223,313)
Southern Ohio Coal - Meigs	0	9,971,956	12,524,732	571,569	(958,291)	0	483	11,167	(375,072)
Windsor	0	3,212,883	4,101,831	184,155	(313,839)	0	161	3,598	(125,926)
Price River Coal	0	393,377	505,369	22,547	(38,667)	0	32	441	(15,647)
Houston Pipeline (HPL)	0	847,558	2,630,570	48,580	(201,270)	0	130	949	(151,611)
Total	\$79,534,609	\$2,942,001,213	\$3,083,455,213	\$173,187,220	(\$235,921,075)	\$0	\$1,218,275	\$3,294,652	\$21,313,678

## AMERICAN ELECTRIC POWER EAST RETIREMENT PLAN ESTIMATED 2014 NET PERIODIC PENSION COST

Location	Service Cost	Projected Benefit Obligation	Market-Related Value of Assets	Interest Cost	Expected Return on Assets	Initial Transition (Asset)/ Obligation	Prior Service Cost	Gain/Loss Amortization	Net Periodic Pension Cost
AEP Energy Services, Inc. AEP Pro Serv, Inc. AEP T & D Services, LLC American Electric Power Service Corporation	\$17,599 13,902 0 29,538,384	\$1,344,563 610,798 0 890,885,358	\$864,713 622,633 0 886,401,158	\$78,013 35,778 0 52,714,133	(\$66,089) (47,587) 0 (67,746,700)	\$0 0 0	\$398 42 0 384,396	\$1,558 708 0 1,032,274	\$31,479 2,842 0 15,922,487
Appalachian Power Co - Distribution Appalachian Power Co - Generation Appalachian Power Co - Transmission C3 Communications, Inc.	6,071,309 6,004,208 1,092,575	287,319,300 222,580,263 39,379,522 0	312,719,727 230,624,185 41,202,308	16,802,947 13,091,397 2,317,901	(23,900,837) (17,626,362) (3,149,049) 0	0 0 0 0	94,450 88,140 13,259	332,919 257,905 45,629	(599,212) 1,815,288 320,317 0
Cardinal Operating Company AEP Texas Central Company - Distribution AEP Texas Central Company - Generation AEP Texas Central Company - Nuclear	1,450,740	58,350,655	60,928,930	3,424,921	(4,656,733)	0	18,876	67,611	305,414
	567,118	3,368,416	1,934,832	225,394	(147,877)	0	13,309	3,903	661,848
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
AEP Texas Central Company - Transmission	112,647	655,220	284,536	43,977	(21,747)	0	1,724	759	137,360
Columbus Southern Power Co - Distribution	3,432,375	205,867,641	231,685,496	11,986,945	(17,707,477)	0	60,568	238,540	(1,989,048)
Columbus Southern Power Co - Generation	1,897,807	95,532,400	103,979,054	5,579,983	(7,947,009)	0	30,884	110,694	(327,641)
Columbus Southern Power Co - Transmission	303,390	21,132,688	24,790,885	1,227,678	(1,894,741)	0	7,291	24,487	(331,896)
Conesville Coal Preparation Company	70,229	2,914,968	2,971,668	170,967	(227,121)	0	705	3,378	18,158
Cook Coal Terminal	83,891	2,910,488	2,950,264	171,493	(225,486)	0	963	3,372	34,233
CSW Energy, Inc.	95,824	560,596	525,927	37,594	(40,196)	0	1,891	650	95,763
Elmwood	307,146	1,553,111	872,799	106,540	(66,707)	0	6,722	1,800	355,500
EnerShop Inc. Indiana Michigan Power Co - Distribution Indiana Michigan Power Co - Generation Indiana Michigan Power Co - Nuclear	0 3,578,823 2,466,079 6,431,392	0 158,523,624 87,513,046 150,361,550	0 171,326,114 93,187,751 148,167,775	0 9,283,865 5,153,248 8,979,781	0 (13,094,273) (7,122,241) (11,324,306)	0 0 0	0 49,608 32,157 85,671	0 183,682 101,402 174,225	0 1,706 630,645 4,346,763
Indiana Michigan Power Co - Transmission	832,116	31,313,126	33,132,062	1,841,009	(2,532,248)	0	10,608	36,283	187,767
Kentucky Power Co - Distribution	1,558,898	59,094,553	63,512,882	3,473,720	(4,854,222)	0	24,194	68,473	271,063
Kentucky Power Co - Generation	812,161	27,386,295	29,168,324	1,614,970	(2,229,304)	0	12,900	31,733	242,460
Kentucky Power Co - Transmission	298,751	6,478,334	6,445,146	388,134	(492,596)	0	3,861	7,506	205,657
Kingsport Power Co - Distribution	231,454	11,907,207	12,519,347	695,200	(956,840)	0	3,610	13,797	(12,779)
Kingsport Power Co - Transmission	52,915	2,801,274	2,736,480	163,464	(209,146)	0	562	3,246	11,041
Memco	1,960,472	10,014,588	5,346,148	685,831	(408,600)	0	37,599	11,604	2,286,905
Ohio Power Co - Distribution	4,228,829	209,230,105	227,956,928	12,225,133	(17,422,506)	0	70,630	242,436	(655,478)
Ohio Power Co - Generation Ohio Power Co - Transmission Public Service Co of Oklahoma - Distribution Public Service Co of Oklahoma - Generation	4,450,446	195,833,052	206,088,933	11,470,555	(15,751,158)	0	72,268	226,913	469,024
	1,188,196	46,798,336	49,918,173	2,748,265	(3,815,193)	0	17,995	54,226	193,488
	689,400	3,422,990	1,606,340	235,523	(122,771)	0	15,611	3,966	821,729
	223,906	1,429,335	866,131	94,684	(66,197)	0	4,436	1,656	258,485
Public Service Co of Oklahoma - Transmission	69,387	688,012	581,742	43,377	(44,462)	0	1,467	797	70,567
Southwestern Electric Power Co - Distribution	401,307	2,193,920	1,122,000	148,633	(85,753)	0	9,868	2,542	476,596
Southwestern Electric Power Co - Generation	314,689	1,930,570	1,063,575	128,590	(81,288)	0	8,807	2,237	373,035
Southwestern Electric Power Co - Texas - Distribution	177,292	2,235,238	833,495	138,169	(63,703)	0	3,473	2,590	257,821
Southwestern Electric Power Co - Texas - Transmission	0	0	0	0	0	0	0	0	0
Southwestern Electric Power Co - Transmission	110,236	459,638	199,117	32,638	(15,218)	0	1,681	533	129,869
Water Transportation (Blackhawk)	1,122,468	25,473,513	24,686,213	1,523,194	(1,886,741)	0	16,825	29,516	805,262
AEP Texas North Company - Distribution	124,613	604,959	289,887	41,784	(22,156)	0	2,733	701	147,675
AEP Texas North Company - Generation	0	0	0	0	0	0	0	0	0
AEP Texas North Company - Transmission	35,373	143,097	38,958	10,221	(2,978)	0	392	166	43,175
Wheeling Power Co - Distribution	297,646	14,658,375	16,451,818	856,555	(1,257,395)	0	5,981	16,985	(80,228)
Wheeling Power Co - Transmission	0	1,038,311	1,290,760	59,466	(98,651)	0	53	1,203	(37,929)
Cedar Coal Co Central Coal Company Central Ohio Coal Southern Ohio Coal - Martinka	0 0 0	3,507,464 0 9,076,631 6,439,169	4,090,636 0 10,959,605 7,776,801	200,878 0 519,833 368,781	(312,643) 0 (837,631) (594,373)	0 0 0	256 0 382 226	4,064 0 10,517 7,461	(107,445) 0 (306,899) (217,904)
Southern Ohio Coal - Meigs	0	9,896,838	12,365,416	566,808	(945,076)	0	483	11,468	(366,317)
Windsor	0	3,188,680	4,049,655	182,621	(309,511)	0	161	3,695	(123,035)
Price River Coal	0	390,414	498,940	22,360	(38,133)	0	32	452	(15,289)
Houston Pipeline (HPL)	0	841,174	2,597,109	48,175	(198,494)	0	130	975	(149,214)
Total	\$82,715,994	\$2,919,839,404	\$3,044,233,378	\$171,961,128	(\$232,667,526)	\$0	\$1,218,275	\$3,383,235	\$26,611,108

## AMERICAN ELECTRIC POWER EAST RETIREMENT PLAN ESTIMATED 2015 NET PERIODIC PENSION COST

Location	Service Cost	Projected Benefit Obligation	Market-Related Value of Assets	Interest Cost	Expected Return on Assets	Initial Transition (Asset)/ Obligation	Prior Service Cost	Gain/Loss Amortization	Net Periodic Pension Cost
AEP Energy Services, Inc. AEP Pro Serv, Inc. AEP T & D Services, LLC American Electric Power Service Corporation	\$18,303 14,458 0 30,719,919	\$1,333,895 605,952 0 883,817,018	\$851,807 613,340 0 873,170,844	\$77,407 35,516 0 52,353,180	(\$65,048) (46,837) 0 (66,679,208)	\$0 0 0	\$319 40 0 360,227	\$1,623 737 0 1,075,632	\$32,606 3,914 0 17,829,750
Appalachian Power Co - Distribution Appalachian Power Co - Generation Appalachian Power Co - Transmission C3 Communications, Inc.	6,314,161 6,244,376 1,136,278	285,039,691 220,814,297 39,067,082 0	308,052,111 227,181,917 40,587,327 0	16,678,715 12,998,101 2,301,464 0	(23,524,229) (17,348,621) (3,099,429) 0	0 0 0 0	84,931 81,458 12,132	346,902 268,738 47,546 0	(99,520) 2,244,052 397,992 0
Cardinal Operating Company AEP Texas Central Company - Distribution AEP Texas Central Company - Generation AEP Texas Central Company - Nuclear	1,508,769	57,887,698	60,019,513	3,400,184	(4,583,357)	0	17,142	70,451	413,190
	589,803	3,341,691	1,905,953	225,061	(145,547)	0	13,276	4,067	686,659
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
AEP Texas Central Company - Transmission	117,153	650,022	280,289	43,917	(21,404)	0	1,716	791	142,173
Columbus Southern Power Co - Distribution	3,569,670	204,234,274	228,227,387	11,895,853	(17,428,458)	0	53,189	248,559	(1,661,186)
Columbus Southern Power Co - Generation	1,973,719	94,774,440	102,427,075	5,538,403	(7,821,787)	0	27,745	115,343	(166,577)
Columbus Southern Power Co - Transmission	315,525	20,965,020	24,420,860	1,218,217	(1,864,885)	0	6,540	25,515	(299,088)
Conesville Coal Preparation Company	73,038	2,891,841	2,927,313	169,726	(223,543)	0	629	3,519	23,370
Cook Coal Terminal	87,246	2,887,396	2,906,229	170,285	(221,933)	0	887	3,514	40,000
CSW Energy, Inc.	99,657	556,148	518,077	37,542	(39,563)	0	1,889	677	100,203
Elmwood	319,432	1,540,789	859,772	106,489	(65,656)	0	6,701	1,875	368,842
EnerShop Inc.	0	0	0	0	0	0	0	0	0
Indiana Michigan Power Co - Distribution	3,721,976	157,265,887	168,768,921	9,215,841	(12,887,945)	0	44,663	191,397	285,932
Indiana Michigan Power Co - Generation	2,564,723	86,818,712	91,796,843	5,116,805	(7,010,015)	0	29,551	105,661	806,724
Indiana Michigan Power Co - Nuclear	6,688,647	149,168,572	145,956,241	8,922,134	(11,145,868)	0	81,633	181,543	4,728,089
Indiana Michigan Power Co - Transmission	865,400	31,064,685	32,637,537	1,827,856	(2,492,347)	0	9,662	37,807	248,377
Kentucky Power Co - Distribution	1,621,254	58,625,693	62,564,896	3,448,870	(4,777,734)	0	22,536	71,349	386,277
Kentucky Power Co - Generation	844,647	27,169,011	28,732,961	1,603,658	(2,194,177)	0	12,083	33,066	299,277
Kentucky Power Co - Transmission	310,701	6,426,935	6,348,947	385,700	(484,834)	0	3,701	7,822	223,090
Kingsport Power Co - Distribution	240,712	11,812,734	12,332,485	690,006	(941,763)	0	3,237	14,376	6,568
Kingsport Power Co - Transmission	55,032	2,779,049	2,695,636	162,239	(205,851)	0	491	3,382	15,293
Memco	2,038,890	9,935,132	5,266,352	685,460	(402,162)	0	37,531	12,091	2,371,811
Ohio Power Co - Distribution	4,397,983	207,570,060	224,554,472	12,134,230	(17,147,978)	0	63,460	252,619	(299,687)
Ohio Power Co - Generation Ohio Power Co - Transmission Public Service Co of Oklahoma - Distribution Public Service Co of Oklahoma - Generation	4,628,464	194,279,300	203,012,875	11,386,587	(15,502,966)	0	66,112	236,444	814,641
	1,235,724	46,427,035	49,173,100	2,728,481	(3,755,077)	0	16,505	56,503	282,136
	716,976	3,395,832	1,582,364	235,440	(120,836)	0	15,584	4,133	851,296
	232,862	1,417,994	853,203	94,504	(65,154)	0	4,428	1,726	268,366
Public Service Co of Oklahoma - Transmission	72,162	682,553	573,059	43,204	(43,761)	0	1,455	831	73,891
Southwestern Electric Power Co - Distribution	417,359	2,176,513	1,105,253	148,488	(84,402)	0	9,861	2,649	493,955
Southwestern Electric Power Co - Generation	327,277	1,915,253	1,047,700	128,375	(80,007)	0	8,795	2,331	386,770
Southwestern Electric Power Co - Texas - Distribution	184,384	2,217,504	821,055	137,497	(62,699)	0	3,454	2,699	265,334
Southwestern Electric Power Co - Texas - Transmission Southwestern Electric Power Co - Transmission Water Transportation (Blackhawk) AEP Texas North Company - Distribution	0 114,646 1,167,366 129,598	0 455,991 25,271,404 600,159	0 196,145 24,317,750 285,560	0 32,666 1,513,502 41,775	0 (14,978) (1,857,011) (21,807)	0 0 0	0 1,676 16,001 2,727	0 555 30,756 730	0 134,564 870,614 153,023
AEP Texas North Company - Generation AEP Texas North Company - Transmission Wheeling Power Co - Distribution Wheeling Power Co - Transmission	0 36,788 309,552 0	0 141,962 14,542,075 1,030,073	0 38,377 16,206,260 1,271,494	0 10,233 850,190 58,967	0 (2,931) (1,237,582) (97,097)	0 0 0	0 392 5,485 9	0 173 17,698 1,254	0 44,655 (54,657) (36,867)
Cedar Coal Co Central Coal Company Central Ohio Coal Southern Ohio Coal - Martinka	0 0 0	3,479,635 0 9,004,616 6,388,080	4,029,580 0 10,796,023 7,660,726	199,194 0 515,474 365,689	(307,717) 0 (824,432) (585,007)	0 0 0 0	43 0 64 38	4,235 0 10,959 7,774	(104,245) 0 (297,935) (211,506)
Southern Ohio Coal - Meigs Windsor Price River Coal Houston Pipeline (HPL)	0 0 0	9,818,316 3,163,381 387,317 834,500	12,180,852 3,989,211 491,493 2,558,345	562,055 181,090 22,172 47,771	(930,184) (304,634) (37,533) (195,367)	0 0 0 0	81 27 5 22	11,949 3,850 471 1,016	(356,099) (119,668) (14,884) (146,558)
Total	\$86,024,633	\$2,896,673,215	\$2,998,795,528	\$170,746,212	(\$229,001,361)	\$0	\$1,130,132	\$3,525,340	\$32,424,957

#### AMERICAN ELECTRIC POWER EAST RETIREMENT PLAN ESTIMATED 2016 NET PERIODIC PENSION COST

Location	Service Cost	Projected Benefit Obligation	Market-Related Value of Assets	Interest Cost	Expected Return on Assets	Initial Transition (Asset)/ Obligation	Prior Service Cost	Gain/Loss Amortization	Net Periodic Pension Cost
AEP Energy Services, Inc. AEP Pro Serv, Inc. AEP T & D Services, LLC American Electric Power Service Corporation	\$19,035 15,037 0 31,948,716	\$1,323,825 601,377 0 877,144,694	\$837,633 603,133 0 858,641,106	\$76,829 35,267 0 52,011,789	(\$63,896) (46,008) 0 (65,498,930)	\$0 0 0	\$304 39 0 348,360	\$1,703 774 0 1,128,284	\$33,974 5,108 0 19,938,219
Appalachian Power Co - Distribution Appalachian Power Co - Generation Appalachian Power Co - Transmission C3 Communications, Inc.	6,566,728 6,494,151 1,181,730 0	282,887,801 219,147,273 38,772,147 0	302,926,061 223,401,564 39,911,946 0	16,560,507 12,909,580 2,285,874 0	(23,107,830) (17,041,536) (3,044,566) 0	0 0 0 0	82,729 79,712 11,874 0	363,883 281,892 49,873	466,017 2,723,800 484,784 0
Cardinal Operating Company AEP Texas Central Company - Distribution AEP Texas Central Company - Generation AEP Texas Central Company - Nuclear	1,569,120	57,450,678	59,020,776	3,376,689	(4,502,228)	0	16,734	73,900	534,214
	613,395	3,316,463	1,874,238	224,838	(142,971)	0	12,781	4,266	712,310
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
AEP Texas Central Company - Transmission	121,839	645,114	275,625	43,880	(21,025)	0	1,660	830	147,183
Columbus Southern Power Co - Distribution	3,712,457	202,692,420	224,429,637	11,809,003	(17,119,960)	0	51,133	260,726	(1,286,640)
Columbus Southern Power Co - Generation	2,052,668	94,058,946	100,722,668	5,498,816	(7,683,335)	0	26,926	120,989	16,064
Columbus Southern Power Co - Transmission	328,146	20,806,746	24,014,492	1,209,187	(1,831,875)	0	6,330	26,764	(261,449)
Conesville Coal Preparation Company	75,960	2,870,009	2,878,602	168,547	(219,586)	0	614	3,692	29,227
Cook Coal Terminal	90,736	2,865,598	2,857,868	169,140	(218,004)	0	871	3,686	46,429
CSW Energy, Inc.	103,643	551,950	509,456	37,508	(38,862)	0	1,842	710	104,841
Elmwood	332,209	1,529,157	845,465	106,494	(64,494)	0	6,512	1,967	382,688
EnerShop Inc. Indiana Michigan Power Co - Distribution Indiana Michigan Power Co - Generation Indiana Michigan Power Co - Nuclear	0 3,870,855 2,667,311 6,956,193	0 156,078,618 86,163,279 148,042,433	0 165,960,572 90,269,325 143,527,500	0 9,151,159 5,082,248 8,867,907	0 (12,659,818) (6,885,932) (10,948,576)	0 0 0	0 43,232 28,877 79,937	0 200,766 110,833 190,429	0 606,195 1,003,337 5,145,890
Indiana Michigan Power Co - Transmission	900,016	30,830,164	32,094,442	1,815,373	(2,448,231)	0	9,412	39,657	316,228
Kentucky Power Co - Distribution	1,686,104	58,183,102	61,523,804	3,425,286	(4,693,164)	0	22,145	74,842	515,213
Kentucky Power Co - Generation	878,433	26,963,900	28,254,839	1,592,938	(2,155,338)	0	11,852	34,684	362,570
Kentucky Power Co - Transmission	323,129	6,378,415	6,243,299	383,414	(476,252)	0	3,639	8,205	242,136
Kingsport Power Co - Distribution	250,340	11,723,555	12,127,270	685,060	(925,093)	0	3,146	15,080	28,533
Kingsport Power Co - Transmission	57,233	2,758,068	2,650,780	161,071	(202,207)	0	471	3,548	20,116
Memco	2,120,446	9,860,127	5,178,718	685,442	(395,043)	0	36,462	12,683	2,459,990
Ohio Power Co - Distribution	4,573,902	206,003,022	220,817,840	12,047,698	(16,844,444)	0	61,474	264,985	103,614
Ohio Power Co - Generation Ohio Power Co - Transmission Public Service Co of Oklahoma - Distribution Public Service Co of Oklahoma - Generation	4,813,603	192,812,600	199,634,700	11,306,750	(15,228,550)	0	64,419	248,018	1,204,239
	1,285,153	46,076,537	48,354,850	2,709,695	(3,688,609)	0	16,047	59,269	381,555
	745,655	3,370,196	1,556,033	235,479	(118,697)	0	15,002	4,335	881,774
	242,177	1,407,289	839,006	94,371	(64,001)	0	4,318	1,810	278,675
Public Service Co of Oklahoma - Transmission	75,049	677,400	563,524	43,050	(42,987)	0	1,388	871	77,372
Southwestern Electric Power Co - Distribution	434,054	2,160,081	1,086,862	148,418	(82,908)	0	9,474	2,779	511,815
Southwestern Electric Power Co - Generation	340,368	1,900,794	1,030,266	128,223	(78,591)	0	8,399	2,445	400,844
Southwestern Electric Power Co - Texas - Distribution	191,759	2,200,763	807,392	136,883	(61,590)	0	3,351	2,831	273,234
Southwestern Electric Power Co - Texas - Transmission	0	0	0	0	0	0	0	0	0
Southwestern Electric Power Co - Transmission	119,231	452,549	192,881	32,713	(14,713)	0	1,618	582	139,431
Water Transportation (Blackhawk)	1,214,061	25,080,619	23,913,097	1,504,393	(1,824,141)	0	15,502	32,262	942,076
AEP Texas North Company - Distribution	134,782	595,629	280,809	41,789	(21,421)	0	2,649	766	158,565
AEP Texas North Company - Generation	0	0	0	0	0	0	0	0	0
AEP Texas North Company - Transmission	38,259	140,890	37,738	10,250	(2,879)	0	391	181	46,202
Wheeling Power Co - Distribution	321,934	14,432,290	15,936,585	844,131	(1,215,676)	0	5,346	18,564	(25,700)
Wheeling Power Co - Transmission	0	1,022,297	1,250,336	58,488	(95,378)	0	0	1,315	(35,575)
Cedar Coal Co Central Coal Company Central Ohio Coal Southern Ohio Coal - Martinka	0 0 0 0	3,453,366 0 8,936,636 6,339,854	3,962,527 0 10,616,375 7,533,250	197,577 0 511,290 362,721	(302,270) 0 (809,839) (574,652)	0 0 0	0 0 0 0	4,442 0 11,495 8,155	(100,251) 0 (287,054) (203,776)
Southern Ohio Coal - Meigs Windsor Price River Coal Houston Pipeline (HPL)	0 0 0	9,744,193 3,139,499 384,393 828,200	11,978,160 3,922,830 483,315 2,515,773	557,493 179,620 21,992 47,384	(913,719) (299,242) (36,868) (191,908)	0 0 0 0	0 0 0 0	12,534 4,038 494 1,065	(343,692) (115,584) (14,382) (143,459)
Total	\$89,465,619	\$2,874,804,953	\$2,948,894,966	\$169,594,250	(\$224,947,843)	\$0	\$1,096,971	\$3,697,903	\$38,906,900

## AMERICAN ELECTRIC POWER EAST RETIREMENT PLAN ESTIMATED 2017 NET PERIODIC PENSION COST

Location	Service Cost	Projected Benefit Obligation	Market-Related Value of Assets	Interest Cost	Expected Return on Assets	Initial Transition (Asset)/ Obligation	Prior Service Cost	Gain/Loss Amortization	Net Periodic Pension Cost
AEP Energy Services, Inc. AEP Pro Serv, Inc. AEP T & D Services, LLC American Electric Power Service Corporation	\$19,797 15,638 0 33,226,664	\$1,314,085 596,953 0 870,691,412	\$821,860 591,777 0 842,473,187	\$76,308 35,045 0 51,711,111	(\$63,486) (45,713) 0 (65,077,917)	\$0 0 0	\$304 39 0 250,532	\$1,800 818 0 1,192,869	\$34,723 5,828 0 21,303,259
Appalachian Power Co - Distribution Appalachian Power Co - Generation Appalachian Power Co - Transmission C3 Communications, Inc.	6,829,397 6,753,917 1,228,999	280,806,554 217,534,974 38,486,895 0	297,222,067 219,194,989 39,160,417	16,455,003 12,831,061 2,272,057	(22,959,298) (16,931,997) (3,024,996)	0 0 0	78,634 74,044 11,419	384,712 298,028 52,728	788,447 3,025,054 540,205
Cardinal Operating Company AEP Texas Central Company - Distribution AEP Texas Central Company - Generation AEP Texas Central Company - Nuclear	1,631,885	57,028,005	57,909,435	3,355,800	(4,473,288)	0	15,877	78,130	608,403
	637,931	3,292,064	1,838,947	224,826	(142,052)	0	5,979	4,510	731,195
	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
AEP Texas Central Company - Transmission	126,712	640,368	270,435	43,883	(20,890)	0	907	877	151,490
Columbus Southern Power Co - Distribution	3,860,955	201,201,182	220,203,704	11,731,142	(17,009,916)	0	43,096	275,651	(1,099,072)
Columbus Southern Power Co - Generation	2,134,774	93,366,940	98,826,095	5,463,437	(7,633,948)	0	24,290	127,915	116,469
Columbus Southern Power Co - Transmission	341,272	20,653,667	23,562,307	1,201,073	(1,820,100)	0	5,493	28,296	(243,966)
Conesville Coal Preparation Company	78,998	2,848,894	2,824,399	167,498	(218,174)	0	614	3,903	32,839
Cook Coal Terminal	94,366	2,844,515	2,804,056	168,127	(216,603)	0	855	3,897	50,641
CSW Energy, Inc.	107,789	547,889	499,863	37,510	(38,613)	0	1,185	751	108,622
Elmwood	345,498	1,517,906	829,545	106,601	(64,079)	0	3,927	2,080	394,027
EnerShop Inc.	0	0	0	0	0	0	0	0	0
Indiana Michigan Power Co - Distribution	4,025,689	154,930,324	162,835,592	9,093,514	(12,578,443)	0	37,099	212,258	790,118
Indiana Michigan Power Co - Generation	2,774,004	85,529,363	88,569,584	5,051,636	(6,841,671)	0	26,761	117,177	1,127,908
Indiana Michigan Power Co - Nuclear	7,234,441	146,953,263	140,824,926	8,820,730	(10,878,201)	0	67,584	201,330	5,445,884
Indiana Michigan Power Co - Transmission	936,017	30,603,342	31,490,114	1,804,295	(2,432,494)	0	8,576	41,927	358,322
Kentucky Power Co - Distribution	1,753,549	57,755,040	60,365,332	3,404,352	(4,662,997)	0	21,315	79,126	595,345
Kentucky Power Co - Generation	913,571	26,765,523	27,722,810	1,583,458	(2,141,484)	0	10,918	36,669	403,133
Kentucky Power Co - Transmission	336,055	6,331,488	6,125,740	381,435	(473,191)	0	3,227	8,674	256,200
Kingsport Power Co - Distribution	260,354	11,637,303	11,898,917	680,638	(919,147)	0	2,930	15,943	40,718
Kingsport Power Co - Transmission	59,523	2,737,777	2,600,867	160,027	(200,907)	0	389	3,751	22,782
Memco	2,205,264	9,787,585	5,081,205	686,084	(392,504)	0	21,752	13,409	2,534,005
Ohio Power Co - Distribution	4,756,858	204,487,428	216,659,915	11,970,393	(16,736,172)	0	53,829	280,153	325,061
Ohio Power Co - Generation	5,006,147	191,394,050	195,875,647	11,235,612	(15,130,664)	0	58,019	262,215	1,431,328
Ohio Power Co - Transmission	1,336,559	45,737,545	47,444,345	2,693,003	(3,664,899)	0	13,832	62,662	441,156
Public Service Co of Oklahoma - Distribution	775,481	3,345,401	1,526,733	235,746	(117,934)	0	6,968	4,583	904,844
Public Service Co of Oklahoma - Generation	251,864	1,396,935	823,207	94,324	(63,590)	0	2,809	1,914	287,321
Public Service Co of Oklahoma - Transmission	78,051	672,416	552,913	42,933	(42,710)	0	485	921	79,679
Southwestern Electric Power Co - Distribution	451,416	2,144,189	1,066,396	148,489	(82,375)	0	4,097	2,938	524,564
Southwestern Electric Power Co - Generation	353,983	1,886,809	1,010,867	128,191	(78,086)	0	2,922	2,585	409,595
Southwestern Electric Power Co - Texas - Distribution	199,430	2,184,571	792,189	136,383	(61,194)	0	1,973	2,993	279,585
Southwestern Electric Power Co - Texas - Transmission	0	0	0	0	0	0	0	0	0
Southwestern Electric Power Co - Transmission	124,001	449,219	189,249	32,793	(14,619)	0	831	615	143,620
Water Transportation (Blackhawk)	1,262,623	24,896,097	23,462,822	1,496,481	(1,812,416)	0	10,849	34,108	991,646
AEP Texas North Company - Distribution	140,173	591,246	275,521	41,843	(21,283)	0	1,583	810	163,126
AEP Texas North Company - Generation	0	0	0	0	0	0	0	0	0
AEP Texas North Company - Transmission	39,790	139,853	37,028	10,277	(2,860)	0	374	192	47,772
Wheeling Power Co - Distribution	334,811	14,326,110	15,636,504	838,718	(1,207,862)	0	4,799	19,627	(9,906)
Wheeling Power Co - Transmission	0	1,014,776	1,226,793	58,053	(94,765)	0	0	1,390	(35,322)
Cedar Coal Co Central Coal Company Central Ohio Coal Southern Ohio Coal - Martinka	0 0 0	3,427,959 0 8,870,888 6,293,211	3,887,914 0 10,416,473 7,391,401	196,106 0 507,483 360,020	(300,327) 0 (804,634) (570,958)	0 0 0 0	0 0 0 0	4,696 0 12,153 8,622	(99,525) 0 (284,997) (202,316)
Southern Ohio Coal - Meigs Windsor Price River Coal Houston Pipeline (HPL)	0 0 0	9,672,504 3,116,401 381,565 822,107	11,752,615 3,848,964 474,214 2,468,402	553,342 178,282 21,828 47,031	(907,846) (297,318) (36,631) (190,675)	0 0 0 0	0 0 0 0	13,252 4,270 523 1,126	(341,252) (114,766) (14,280) (142,518)
Total	\$93,044,243	\$2,853,654,591	\$2,893,368,281	\$168,573,983	(\$223,501,926)	\$0	\$881,116	\$3,909,577	\$42,906,994

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AEP Energy Services, Inc. AEP Pro Serv, Inc. AEP T & D Services, LLC	\$20,588 16,263 0	\$1,306,055 593,305 0	\$829,288 597,125 0	\$75,932 34,889 0	(\$64,667) (46,563) 0	\$0 0 0	\$3 0 0	\$1,512 687 0	\$33,369 5,277 0
American Electric Power Service Corporation Appalachian Power Co - Distribution Appalachian Power Co - Generation Appalachian Power Co - Transmission	34,555,731 7,102,573 7,024,074 1,278,159	865,370,940 279,090,649 216,205,699 38,251,716	850,086,754 299,908,111 221,175,890 39,514,317	51,508,086 16,380,518 12,776,750 2,262,527	(66,288,392) (23,386,350) (17,246,939) (3,081,263)	0 0 0	2,757 865 815 126	1,002,042 323,168 250,352 44,293	20,780,223 420,774 2,805,052 503,841
C3 Communications, Inc. Cardinal Operating Company AEP Texas Central Company - Distribution	0 1,697,160 663,448	0 56,679,528 3,271,947	0 58,432,772 1,855,566	0 3,341,241 225,246	0 (4,556,493) (144,694)	0 0 0	0 175 66	0 65,631 3,789	0 547,713 747,855
AEP Texas Central Company - Generation AEP Texas Central Company - Nuclear AEP Texas Central Company - Transmission	0 0 131,781	0 0 636,455	0 0 272,879	0 0 43,971	0 0 (21,279)	0 0 0	0 0 10	0 0 737	0 0 155,220
Columbus Southern Power Co - Distribution Columbus Southern Power Co - Generation Columbus Southern Power Co - Transmission	4,015,394 2,220,165 354,923	199,971,716 92,796,410 20,527,460	222,193,720 99,719,202 23,775,243	11,675,380 5,438,356 1,195,221	(17,326,307) (7,775,942) (1,853,955)	0 0 0	474 267 60	231,554 107,452 23,769	(1,403,506) (9,701) (279,981)
Conesville Coal Preparation Company Cook Coal Terminal CSW Energy, Inc. Elmwood	82,158 98,140 112,100 359,318	2,831,485 2,827,134 544,541 1,508,631	2,849,923 2,829,396 504,381 837,042	166,765 167,431 37,583 106,914	(222,232) (220,632) (39,331) (65,271)	0 0 0	7 9 13 43	3,279 3,274 631 1,747	29,976 48,222 110,997 402,750
EnerShop Inc. Indiana Michigan Power Co - Distribution Indiana Michigan Power Co - Generation Indiana Michigan Power Co - Nuclear	0 4,186,717 2,884,964 7,523,819	0 153,983,603 85,006,725 146,055,286	0 164,307,163 89,370,002 142,097,584	0 9,053,016 5,030,557 8,790,234	0 (12,812,407) (6,968,928) (11,080,540)	0 0 0	0 408 294 744	0 178,303 98,432 169,122	0 606,037 1,045,320 5,403,378
Indiana Michigan Power Co - Transmission Kentucky Power Co - Distribution Kentucky Power Co - Generation Kentucky Power Co - Transmission	973,457 1,823,691 950,114 349,497	30,416,337 57,402,121 26,601,969 6,292,798	31,774,696 60,910,863 27,973,345 6,181,099	1,796,622 3,389,841 1,576,967 380,178	(2,477,739) (4,749,731) (2,181,316) (481,992)	0 0 0	94 235 120 36	35,220 66,468 30,803 7,287	327,655 530,503 376,688 255,004
Kingsport Power Co - Distribution Kingsport Power Co - Transmission Memco Ohio Power Co - Distribution	270,768 61,904 2,293,474 4,947,132	11,566,192 2,721,047 9,727,776 203,237,881	12,006,450 2,624,371 5,127,125 218,617,906	677,499 159,285 688,047 11,915,650	(936,244) (204,644) (399,805) (17,047,471)	0 0 0	32 4 239 592	13,393 3,151 11,264 235,336	25,448 19,699 2,593,220 51,239
Ohio Power Co - Generation Ohio Power Co - Transmission Public Service Co of Oklahoma - Distribution Public Service Co of Oklahoma - Generation	5,206,393 1,390,021 806,500 261,939	190,224,512 45,458,060 3,324,958 1,388,399	197,645,807 47,873,107 1,540,531 830,647	11,185,658 2,681,391 236,468 94,459	(15,412,101) (3,733,068) (120,128) (64,773)	0 0 0	638 152 77 31	220,267 52,637 3,850 1,608	1,200,855 391,134 926,766 293,263
Public Service Co of Oklahoma - Transmission Southwestern Electric Power Co - Distribution Southwestern Electric Power Co - Generation Southwestern Electric Power Co - Texas - Distribution	81,173 469,472 368,142 207,407	668,307 2,131,087 1,875,280 2,171,222	557,909 1,076,033 1,020,002 799,348	42,897 148,845 128,404 136,143	(43,505) (83,907) (79,538) (62,332)	0 0 0 0	5 45 32 22	774 2,468 2,171 2,514	81,344 536,923 419,212 283,754
Southwestern Electric Power Co - Texas - Transmission Southwestern Electric Power Co - Transmission Water Transportation (Blackhawk) AEP Texas North Company - Distribution	0 128,961 1,313,128 145,780	0 446,474 24,743,967 587,634	0 190,959 23,674,859 278,011	0 32,936 1,491,400 41,978	0 (14,891) (1,846,127) (21,679)	0 0 0	0 9 119 17	0 517 28,652 680	0 147,532 987,173 166,776
AEP Texas North Company - Generation AEP Texas North Company - Transmission Wheeling Power Co - Distribution Wheeling Power Co - Transmission	0 41,381 348,204 0	0 138,999 14,238,568 1,008,575	0 37,362 15,777,814 1,237,879	0 10,324 834,887 57,727	(2,913) (1,230,328) (96,528)	0 0 0	0 4 53 0	0 161 16,487 1,168	0 48,957 (30,698) (37,633)
Cedar Coal Co Central Coal Company Central Ohio Coal Southern Ohio Coal - Martinka	0 0 0 0	3,407,012 0 8,816,682 6,254,755	3,923,049 0 10,510,608 7,458,199	195,003 0 504,630 357,996	(305,913) 0 (819,600) (581,578)	0 0 0 0	0 0 0 0	3,945 0 10,209 7,243	(106,965) 0 (304,761) (216,339)
Southern Ohio Coal - Meigs Windsor Price River Coal Houston Pipeline (HPL)	0 0 0 0	9,613,398 3,097,358 379,233 817,083	11,858,825 3,883,748 478,500 2,490,709	550,231 177,280 21,706 46,766	(924,732) (302,848) (37,313) (194,221)	0 0 0	0 0 0 0	11,132 3,587 439 946	(363,369) (121,982) (15,168) (146,509)
Total	\$96,766,013	\$2,836,216,969	\$2,919,516,122	\$167,871,832	(\$227,659,152)	\$0	\$9,695	\$3,284,150	\$40,272,537