American Electric Power Non-UMWA Postretirement Health Care Plan

Actuarial Valuation Report Postretirement Welfare Cost for Fiscal Year Ending December 31, 2012 under U.S. GAAP

Employer Contributions for Plan Year Beginning January 1, 2012

April 2012



Table of Contents

Purpose	and Actuarial Certification	3
Section	1 : Summary of Results	7
Sumi	mary of Valuation Results	7
Emp	loyer Contributions	7
Post	retirement Welfare Cost and Funded Position	8
Char	nge in Postretirement Welfare Cost and Funded Position	8
Basis	s for Valuation	10
Section	2 : Actuarial Exhibits	11
2.1	Balance Sheet Asset / (Liability)	11
2.2	Summary and Comparison of Postretirement Benefit Cost and Cash Flows	12
2.3	Information for Deferred Tax Calculations	13
2.4	Detailed Results for Postretirement Welfare Cost and Funded Position	14
2.5	ASC 965 (Plan Reporting) Information (Formerly SOP 92-6, as Amended by SOP 01-2)	16
2.6	Basic Results for Employer Contributions - VEBAs	18
2.7	VEBA Deduction Limits	19
2.8	Cumulative Nondeductible Contributions	22
2.9	Development of Maximum Deductible Contribution – 401(h)	23
2.10	Expected Benefit Disbursements, Administrative Expenses, and Participant Contributions	24
Section	3 : Participant Data	25
3.1	Summary of Plan Participants	25
3.2	Age and Service Distribution of Participating Employees	27
Appendi	x A : Statement of Actuarial Assumptions and Methods	29
Appendi	x B : Summary of Substantive Plan Provisions Reflected in Valuation	37
Appendi	x C : Results by Business Unit	41



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Purpose and Actuarial Certification

Purposes of Valuation

American Electric Power retained Towers Watson Pennsylvania Inc. ("Towers Watson"), to perform an actuarial valuation of its postretirement welfare programs for the purpose of determining the following:

- (1) The value of benefit obligations as of January 1, 2012, and American Electric Power's postretirement welfare cost for fiscal year ending December 31, 2012, in accordance with FASB Accounting Standards Codification Topic 715 (ASC 715-60). It is anticipated that a separate report will be prepared for year-end financial reporting and disclosure purposes.
- (2) Plan reporting information in accordance with FASB Accounting Standards Codification Topic 965 (ASC 965).
- (3) Expected contributions under the plan sponsor's funding policy for the 2012 plan year.
- (4) The estimated maximum tax-deductible contribution for the tax year in which the 2012 plan year ends as allowed by the Internal Revenue Code. The maximum tax-deductible contribution should be finalized in consultation with American Electric Power's tax advisor.

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

Reliances

In preparing the results presented in this report, we have relied upon information regarding plan provisions, participants, claims data, contributions and assets (if any) provided by American Electric Power and other persons or organizations designated by American Electric Power. We have reviewed this information for overall reasonableness and consistency, but have neither audited nor independently verified this information. Based on discussions with and concurrence by the plan sponsor, assumptions or estimates may have been made if data were not available. We are not aware of any errors or omissions in the data that would have a significant effect on the results of our calculations. We have relied on all the information provided as complete and accurate. The results presented in this report are dependent upon the accuracy and completeness of the underlying data and information. Any material inaccuracy in the data and information provided to us may have produced results that are not suitable for the purposes of this report and such inaccuracies, as corrected by American Electric Power, may produce materially different results that could require that a revised report be issued.

Assumptions and Methods under the Internal Revenue Code for Contribution Limit Purposes

The actuarial assumptions and methods employed in the development of the contribution limits have been selected by the plan sponsor, with the concurrence of Towers Watson. The Internal Revenue Code requires the use of reasonable assumptions (taking into account the experience of the plan and reasonable expectations) which, in combination, offer the actuary's best estimate of anticipated experience under the plan. We believe that the assumptions used in our valuation are reasonable and appropriate for the purposes for which they have been used.



Assumptions and Methods under ASC 715-60

The actuarial assumptions and methods employed in the development of the postretirement welfare cost have been selected by the plan sponsor with the concurrence of Towers Watson, except for the expected rate of return on plan assets selected for fiscal 2012. Evaluation of the expected rate of return assumption was outside the scope of Towers Watson's assignment and would have required substantial additional work that we were not engaged to perform. ASC 715-60 requires that each significant assumption "individually represent the best estimate of a particular future event".

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

Effects of Health Care Reform

In March 2010, the Patient Protection and Affordable Care Act (PPACA) and Health Care and Education Reconciliation Act (HCERA) were enacted. The key aspects of the Acts affecting American Electric Power's benefit obligation and cost of providing retiree medical benefits are:

Availability of subsidies from the Early Retiree Reinsurance Program (ERRP) Preventive care benefits covered at 100% beginning in 2011 Mandatory coverage for adult children until age 26 beginning in 2011 Loss of the tax free status of the Retiree Drug Subsidy (RDS) beginning in 2013 Excise ("Cadillac") tax on high-cost plans beginning in 2018 Elimination of lifetime maximums beginning in 2011

All subsequent measurements for tax purposes reflect the new law.

This valuation reflects our understanding of the relevant provisions of PPACA and HCERA. The IRS has yet to issue final guidance with respect to many aspects of this law. It is possible that future guidance may conflict with our understanding of these laws based on currently available guidance and could therefore affect the results shown in this report.

Nature of Actuarial Calculations

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

The results shown in this report are estimates based on data that may be imperfect and on assumptions about future events that cannot be predicted with certainty. The effects of certain plan provisions may be approximated, or determined to be insignificant and therefore not valued. Assumptions may be made, in consultation with American Electric Power, about participant data or other factors. Reasonable efforts were made in preparing this valuation to confirm that items that are significant in the context of the actuarial liabilities or costs are treated appropriately, and are not excluded or included inappropriately. The numbers shown in this report are not rounded. This is for convenience only and should not imply precision; by their nature, actuarial calculations are not precise.



If overall future plan experience produces higher benefit payments or lower investment returns than assumed, the relative level of plan costs or contribution requirements reported in this valuation will likely increase in future valuations (and vice versa). Future actuarial measurements may differ significantly from the current measurements presented in this report due to many factors, including: plan experience differing from that anticipated by the economic or demographic assumptions; increases or reductions expected as part of the natural operation of the methodology used for the measurements (such as the end of an amortization period); and changes in plan provisions or applicable law. It is beyond the scope of this valuation to analyze the potential range of future postretirement welfare contributions, but we can do so upon request.

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

Limitations on Use

This report is provided subject to the terms set out herein and in our engagement letter dated February 13, 2012, and any accompanying or referenced terms and conditions.

The information contained in this report was prepared for the internal use of American Electric Power and its auditors in connection with our actuarial valuation of the postretirement welfare plan as described in Purposes of Valuation above. It is not intended for and may not be used for other purposes, and we accept no responsibility or liability in this regard. American Electric Power may distribute this actuarial valuation report to the appropriate authorities who have the legal right to require American Electric Power to provide them this report, in which case American Electric Power will use best efforts to notify Towers Watson in advance of this distribution, and will include the non-reliance notice included at the end of this report. Further distribution to, or use by, other parties of all or part of this report is expressly prohibited without Towers Watson's prior written consent. In the absence of such consent and an express assumption of responsibility, we accept no responsibility whatsoever for any consequences arising from any third party relying on this report or any advice relating to its contents. There are no intended third-party beneficiaries of this report or the work underlying it.



Professional Qualifications

The undersigned consulting actuaries are members of the Society of Actuaries and meet the "Qualification Standards for Actuaries Issuing Statements of Actuarial Opinion in the United States" relating to postretirement welfare plans. Our objectivity is not impaired by any relationship between American Electric Power and our employer, Towers Watson Pennsylvania Inc.

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Towers Watson Pennsylvania Inc.

April 2012



Section 1: Summary of Results

Summary of Valuation Results

All monetary amounts shown in US Dollars

Fiscal Year Ending		December 31, 2012 E	December 31, 2011
Benefit Cost/ (Income)	Postretirement Welfare Cost/(Income)	79,411,104	62,394,891
Measurement Date		January 1, 2012	January 1, 2011
Plan Assets	Fair Value of Assets (FVA)	1,409,476,218	1,460,125,038
Benefit Obligations	Accumulated Postretirement Benefit Obligation (APBO)	2,081,914,603	1,984,241,294
Funded Status	Funded Status	(672,438,385)	(524,116,256)
Accumulated Other Comprehensive	Net Prior Service Cost/(Credit) Net Loss/(Gain) Transition Obligation/(Asset)	(209,991,409) 882,308,046 0	(15,612,408) 539,357,734 0
(Income)/Loss (AOCI)	Total AOCI	672,316,637	523,745,326
Assumptions Census Date	Discount Rate Expected Rate of Return on Plan Assets Rate of Compensation/Salary Increase Current Health Care Cost Trend Rate Ultimate Health Care Cost Trend Rate Year of Ultimate Trend Rate	4.75 % 7.25 % 4.95 % 7.00 % 5.00 % 2020 January 1, 2012	5.25 % 7.50 % 4.95 % 7.50 % 5.00 % 2016 January 1, 2011
Plan reporting (ASC 965)	for Plan Year Beginning	January 1, 2012	January 1, 2011
	Present value of accumulated benefits Market value of assets Plan reporting discount rate	2,090,410,662 1,409,476,218 4.75 %	1,984,241,294 1,460,125,038 5.25 %
Employer Contributions	(net of Medicare subsidy)	Plan Year 2012	Plan Year 2011
Cash Flow	Funding Policy contributions Maximum Tax Deductible contributions Actual contributions Expected benefit payments and expenses, net of participant contributions	79,411,104 23,948,071 (est.) N/A 105,293,002	62,394,891 36,182,632 71,700,278 91,785,932

Employer Contributions

Employer contributions are the amounts paid by American Electric Power to provide for postretirement benefits, net of participant contributions and Medicare subsidy. Most participants receiving benefits are required to contribute toward the cost of the plan. In 2012, participant contributions were 23% of benefit payments and expenses.

American Electric Power's funding policy is to contribute an amount equal to the postretirement welfare cost in addition to actual Retiree Drug Subsidy (RDS) payments received. American Electric



Power maximizes its contribution to the 401(h) account and contributes the remainder to the various VEBAs. American Electric Power may deviate from this policy, as permitted by its terms, based on cash, tax or other considerations.

Postretirement Welfare Cost and Funded Position

The cost of the postretirement welfare plan is determined in accordance with generally accepted accounting principles in the U.S. ("U.S. GAAP"). The Fiscal 2012 postretirement welfare benefit cost for the plan is \$79,411,104. Under U.S. GAAP, the funded position (fair value of plan assets less the projected benefit obligation, or "APBO") of each postretirement welfare plan at the plan sponsor's fiscal year-end (measurement date) is required to be reported as a liability. The APBO is the actuarial present value of benefits attributed to service rendered prior to the measurement date, taking into consideration expected future pay increases for pay-related plans. The plan's (underfunded) APBO as of January 1, 2012 was \$(672,438,385), based on the fair value of plan assets of \$1,409,476,218 and the APBO of \$2,081,914,603.

Fiscal year-end financial reporting information and disclosures are prepared before detailed participant data and full valuation results are available. Therefore, the postretirement benefit asset (liability) at January 1, 2012 was derived from a roll forward of the January 1, 2011 valuation results, adjusted for the year-end discount rate and asset values, as well as significant changes in plan provisions and participant population. The next fiscal year financial reporting information will be developed based on the results of the January 1, 2012 valuation, projected to the end of the year and similarly adjusted for the year-end discount rate and asset values, as well as significant changes in plan provisions and participant population.

Change in Postretirement Welfare Cost and Funded Position

The postretirement welfare cost increased from \$62,394,891 in fiscal 2011 to \$79,411,104 in fiscal 2012 and the funded position decreased from \$(524,116,256) on January 1, 2011 to \$(672,438,385) on January 1, 2012, as set forth below:

	All monetary amounts shown in US Dollars				
		Postretirement Welfare Cost			
Pri	or year	62,394,891			
Change due to:					
•	Expected based on prior valuation and contributions during prior year	(4,036,314)			
•	Unexpected noninvestment experience	(6,066,810)			
•	Unexpected investment experience	23,450,373			
•	Assumption changes	31,969,634			
•	Changes in substantive plan	(28,300,670)			
Cu	Current year 79,411,104				



Significant reasons for these changes include the following:

 On average, per capita claims costs increased more than expected, which increased the postretirement welfare cost.

All monetary amounts shown in US Dollars

	2012	2011				
Medical (Overall Average)	Medical (Overall Average)					
Under age 65						
► Aetna	9,129	8,474				
► Lumenos	8,992	8,272				
Age 65 and older						
► COB	3,766	3,657				
► MOB	2,793	2,572				
► CSP	1,632	1,651				
Medicare Part D Subsidy						
► MOB/COB	(573)	(557)				
► CSP	(223)	(203)				

See Appendix A for additional details on per capita claims costs assumptions including assumed claims costs by age and/or morbidity adjustments applied.

- Trend rate assumption was increased to an initial rate of 7.00% in 2012, reducing 25 basis points annually before reaching an ultimate trend of 5.00% in 2020.
- The discount rate decreased 50 basis points since the prior year which increased the postretirement welfare cost.
- The expected return on the fair value of assets was decreased from 7.50% to 7.25% which
 increased the postretirement welfare cost.
- Actual asset returns during 2011 were less than the assumed rate of 7.50% which increased the
 postretirement welfare cost.
- AEP transitioned delivery of post-65 prescription drug benefits to an Employer Group Waiver Plan (EGWP), effective January 1, 2013. Plan changes were also implemented where AEP changed the retiree cost sharing arrangement so that government payments from EGWP will be retained by AEP.



None.

Basis for Valuation

Appendix A summarizes the assumptions and methods used in the valuation. Appendix B summarizes our understanding of the principal provisions of the plan being valued. The most recent plan change reflected in this valuation was effective on January 1, 2012.

Changes in Assumptions

- Per capita claims costs were updated to reflect more recent retiree claims experience.
- Discount rate was changed from 5.25% to 4.75%.
- Mortality was updated for an additional year of mortality improvements.
- The expected return on assets was decreased from 7.50% to 7.25% for postretirement welfare
 costs purposes. The expected return on assets used to calculate funding requirements was also
 reduced by 50 basis points for each funding vehicle.
- The health care cost trend was changed from 7.50% in 2011 decreasing by 0.50% per year until 5.00% in 2016 to 7.00% in 2012 decreasing by 0.25% per year until 5.00% in 2020.

Changes in Methods	
None.	
Changes in Benefits Valued	

Section 2: Actuarial Exhibits

2.1 Balance Sheet Asset / (Liability)

All monetary amounts shown in US Dollars

Me	asu	rement Date	January 1, 2012	January 1, 2011 ⁻
Α	De	velopment of Balance Sheet Asset/(Liability) ¹		
	1	Accumulated postretirement benefit obligation (APBO)	2,081,914,603	1,984,241,294
	2	Fair value of assets (FVA)	1,409,476,218	1,460,125,038
	3	Net balance sheet asset/(liability)	(672,438,385)	(524,116,256)
В	Cu	rrent and Noncurrent Allocation		
	1	Noncurrent assets	0	0
	2	Current liabilities	0	0
	3	Noncurrent liabilities	(672,438,385)	(524,116,256)
	4	Net balance sheet asset/(liability)	(672,438,385)	(524,116,256)
С	Ac	cumulated Other Comprehensive (Income)/Loss		
	1	Net prior service cost/(credit)	(209,991,409)	(15,612,408)
	2	Net loss/(gain)	882,308,046	539,357,734
	3	Transition obligation/(asset)	0	0
	4	Accumulated other comprehensive (income)/loss ²	672,316,637	523,745,326
D	As	sumptions		
	1	Discount rate	4.75%	5.25%
	2	Rate of compensation/salary increase	4.85%	4.95%
	3	Current health care cost trend rate	7.00%	7.50%
	4	Ultimate health care cost trend rate	5.00%	5.00%
	5	Year of ultimate trend rate	2020	2016
E	Се	nsus date	January 1, 2012	January 1, 2011

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



If the amounts in this table differ materially from those disclosed at year-end, consideration should be given to disclosing the true-up in the quarterly financial statements.

2.2 Summary and Comparison of Postretirement Benefit Cost and Cash Flows

Fis	cal `	Year Ending	December 31, 2012	December 31, 2011
Α	То	tal Postretirement Benefit Cost		
	1	Employer service cost	45,618,526	41,019,682
	2	Interest cost	98,586,126	103,947,640
	3	Expected return on assets	(100,962,629)	(108,097,790)
	4	Subtotal	43,242,023	36,869,532
	5	Net prior service cost/(credit) amortization	(18,197,236)	(1,271,279)
	6	Net loss/(gain) amortization	54,366,317	26,796,638
	7	Transition obligation/(asset) amortization	0	0
	8	Amortization subtotal	36,169,081	25,525,357
	9	Net periodic postretirement benefit cost/(income)	79,411,104	62,394,891
В	As	sumptions ¹		
	1	Discount rate	4.75 %	5.25 %
	2	Long-term rate of return on assets	7.25 %	7.50 %
	3	Rate of compensation/salary increase	4.85 %	4.95 %
	4	Current health care cost trend rate	7.00 %	7.50 %
	5	Ultimate health care cost trend rate	5.00 %	5.00 %
	6	Year ultimate trend rate is expected	2020	2016
С	Се	nsus Date	January 1, 2012	January 1, 2011
D	As	sets at Beginning of Year		
	1	Fair market value	1,409,476,218	1,460,125,038
E	Ca	sh Flow	Expected	Actual
	1	Employer contributions	89,319,650	74,227,752
	2	Plan participants' contributions	32,113,747	34,427,970
	3	Benefits paid from plan assets	145,902,808	145,968,067
	4	Expected Medicare subsidy on current year benefit payments	8,496,059	N/A

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



2.3 Information for Deferred Tax Calculations

The following information is provided for purposes of determining the deferred portion of the tax provision and the deferred tax asset associated with the postretirement welfare cost and obligation, respectively. This information reflects the tax-exempt status of the Retiree Drug Subsidy ("RDS") payment at the valuation date.

		Book Basis Net of Part D Subsidy	Tax Basis Net of Part D Subsidy after 2012
Α	Postretirement Welfare Cost		
	1 Fiscal 2012	79,411,104	60,232,651
	2 Fiscal 2011	62,394,891	63,111,459
В	Funded Position		
	1 Overfunded (underfunded) APBO	(672,438,385)	(680,739,578)



2.4 Detailed Results for Postretirement Welfare Cost and Funded Position

De	taile	d re	sults	January 1, 2012	January 1, 2011
Α	Se	rvic	e Cost		
	1	Me	edical	42,695,197	38,523,305
	2	Lif	e insurance	2,917,895	2,491,337
	3	De	ental	5,434	5,040
	4	То	tal	45,618,526	41,019,682
В	Ac	cum	ulated Postretirement Benefit Obligation [APBO]		
	1	Me	edical:		
		а	Participants currently receiving benefits	918,775,833	931,522,819
		b	Fully eligible active participants	28,042,063	14,148,833
		С	Other participants	810,303,446	736,378,051
		d	Total	1,757,121,342	1,682,049,703
	2	Lif	e insurance:		
		а	Participants currently receiving benefits	235,712,726	225,668,672
		b	Fully eligible active participants	3,176,542	1,485,200
		С	Other participants	64,833,547	54,443,050
		d	Total	303,722,815	281,596,922
	3	De	ental:		
		а	Participants currently receiving benefits	20,216,181	19,776,774
		b	Fully eligible active participants	0	4,192
		С	Other participants	854,265	813,703
		d	Total	21,070,446	20,594,669
	4	All	Benefits:		
		а	Participants currently receiving benefits	1,174,704,740	1,176,968,265
		b	Fully eligible active participants	31,218,605	15,638,225
		С	Other participants	875,991,258	791,634,804
		d	Total	2,081,914,603	1,984,241,294
С	As	sets	•		
	1	Fa	ir value [FV]	1,409,476,218	1,460,125,038
D	Fu	nde	d Position		
	1	Ov	rerfunded (underfunded) APBO	(672,438,385)	(524,116,256)
	2	AF	PBO funded percentage	67.7%	73.6%



Ε	An	Amounts in Accumulated Other Comprehensive Income					
	1	Pri	or service cost (credit)	(209,991,409)	(15,612,408)		
	2	Ne	t actuarial loss (gain)	882,308,046	539,357,734		
	3	Tra	ansition obligation (asset)	0	0		
	4	To	tal	672,316,637	523,745,326		
F	Eff	ect o	of Change in Health Care Cost Trend Rate				
	1 One-percentage-point increase:						
		а	Sum of service cost and interest cost	22,315,137	21,744,183		
		b	APBO	247,031,434	232,113,672		
	2	On	e-percentage-point decrease:				
		а	Sum of service cost and interest cost	(17,691,663)	(17,331,381)		
		b	APBO	(202,165,118)	(190,489,673)		



2.5 ASC 965 (Plan Reporting) Information (Formerly SOP 92-6, as Amended by SOP 01-2)

All monetary amounts shown in US Dollars

Su	mma	ary of Present Value of Benefits	January 1, 2012	January 1, 2011
Α	Me	edical (ignoring Retiree Drug Subsidy)		
	1	Current retirees	927,053,773	1,151,922,724
	2	Active participants fully eligible for participants	28,042,063	16,881,142
	3	Other active participants	810,326,699	867,722,175
	4	Total	1,765,422,534	2,036,526,041
В	Lif	e Insurance		
	1	Current retirees	235,712,726	225,668,672
	2	Active participants fully eligible for participants	3,176,542	1,485,200
	3	Other active participants	64,833,547	54,443,050
	4	Total	303,722,815	281,596,922
С	De	ntal		
	1	Current retirees	20,216,181	19,776,774
	2	Active participants fully eligible for participants	0	4,192
	3	Other active participants	854,265	813,703
	4	Total	21,070,446	20,594,669
D	То	tal (ignoring Retiree Drug Subsidy)		
	1	Current retirees	1,182,982,680	1,397,368,170
	2	Active participants fully eligible for participants	31,218,605	18,370,534
	3	Other active participants	876,014,510	922,978,928
	4	Total	2,090,215,796	2,338,717,632

Actuarial assumptions and methods

The key actuarial assumptions used for plan reporting calculations are the same as those used to determine the postretirement welfare cost and are shown in the Actuarial Assumptions and Methods section, except that the Retiree Drug Subsidy (RDS) associated with Medicare Part D is not reflected. For the prior valuation, a discount rate of 5.25% was used. The same plan provisions shown in Appendix B were used to determine the present value of accumulated benefits.



Re	cond	ciliation of Present Value of Benefits	Fiscal 2011	Fiscal 2010
Α	Me	edical (ignoring Retiree Drug Subsidy)		
	1	Benefit obligation, beginning of year	2,036,526,041	1,896,086,614
	2	Service cost	45,632,251	49,438,986
	3	Interest cost	105,958,057	110,336,110
	4	Participant contributions	29,426,384	23,435,905
	5	Actuarial (gain)/loss	248,044,421	77,818,792
	6	Plan amendments	(570,494,402)	0
	7	Gross benefits paid	(129,475,351)	(120,590,366)
	8	Benefit obligation, end of year	1,765,617,401	2,036,526,041
В	Lif	e Insurance		
	1	Benefit obligation, beginning of year	281,596,922	291,483,896
	2	Service cost	2,491,337	4,758,768
	3	Interest cost	14,598,794	16,983,961
	4	Participant contributions	1,778,472	1,806,540
	5	Actuarial (gain)/loss	15,445,167	14,500,867)
	6	Plan amendments	0	(35,929,366)
	7	Gross benefits paid	(12,187,877)	(12,007,744)
	8	Benefit obligation, end of year	303,722,815	281,596,922
С	De	ntal		
	1	Benefit obligation, beginning of year	20,594,669	17,977,206
	2	Service cost	5,040	64,119
	3	Interest cost	922,458	915,940
	4	Participant contributions	3,223,114	2,801,618
	5	Actuarial (gain)/loss	2,461,828	3,672,991
	6	Plan amendments	0	0
	7	Gross benefits paid	(6,136,663)	(4,837,205)
	8	Benefit obligation, end of year	21,070,446	20,594,669
D	То	tal (ignoring Retiree Drug Subsidy)		
	1	Benefit obligation, beginning of year	2,338,717,632	2,205,547,716
	2	Service cost	48,128,628	54,261,873
	3	Interest cost	121,479,309	128,236,011
	4	Participant contributions	34,427,970	28,044,063
	5	Actuarial (gain)/loss	265,951,416	95,992,650
	6	Plan amendments	(570,494,402)	(35,929,366)
	7	Gross benefits paid	(147,799,891)	(137,435,315)
	8	Benefit obligation, end of year	2,090,410,662	2,338,717,632



2.6 Basic Results for Employer Contributions - VEBAs

			Estimated	
			December 31, 2012	December 31, 2011
Α	Qu	alified Asset Account Limits [QAAL]	961,376,622	985,058,881
В	As	sets		
	1	Market value	1,204,427,583	1,167,432,659
	2	Unrecognized investment losses (gains)	0	0
	3	Actuarial value [AV]	1,204,427,583	1,167,432,659
С	Fu	nded Position		
	1	Unfunded account limits [QAAL – FV]	(243,050,961)	(182,373,778)
D	Em	nployer Contributions (to all funding vehicles)		
	1	Maximum deductible available	66,253,563	38,006,201
	2	Qualified additions		
		a Prior years' carryover	0	0
		b Current year additions	1,543,849	36,182,632
		c Total deductions available [a + b]	1,543,849	36,182,632
	3	Other non-deductible current year additions	64,678,102	3,663,461
	4	Total additions [2.c + 3]	66,221,951	39,846,093
		a Life insurance VEBA	0	0
		b Union medical and dental VEBAs	830,697	683,796
		c Nonunion medical and dental VEBAs	65,391,254	39,162,297
		d 401(h) – not included in amounts shown above	22,402,415	31,854,184



2.7 VEBA Deduction Limits

Life	e Ins	surance	2011	2010
Α	Qu	alified Asset Account Limit (QAAL)		
	1	December 31 actuarial accrued liability	171,230,166	166,286,526
	2	Unrecognized liability	0	0
	3	QAAL	171,230,166	166,286,526
В	As	sets		
	1	Market value as of December 31	133,223,965	137,283,064
	2	Unrecognized investment losses (gains)	0	0
	3	Actuarial value [AV]	133,223,965	137,283,064
С	Fu	nded position		
	1	Unfunded account limit [QAAL - AV]	38,006,201	29,003,462
	2	Contributions received in trust, but not yet deducted		
		2007	0	0
		2009	0	0
		2010	0	0
		2011	0	0
		Total	0	0
D	En	nployer deductions for contributions to VEBAs		
	1	Maximum deduction available [C.1 + Total of C.2]	38,006,201	29,003,462
	2	Qualified additions		
		a Prior years' carryover	0	0
		b Current year additions	0	0
		c Total deductions available [a + b]	0	0
	3	Other non-deductible current year additions	0	0
	4	Total additions [2.c + 3]	0	0

¹ Includes amounts not contributed.



Un	ion l	Medical and Dental	2011	2010
Α	Qu	alified Asset Account Limit (QAAL)		
	1	December 31 present value of projected benefits	378,762,035	424,778,002
	2	Unrecognized liability	0	0
	3	QAAL	378,762,035	424,778,002
В	As	sets		
	1	Market value as of December 31	381,071,661	368,867,684
	2	Unrecognized investment losses (gains)	0	0
	3	Actuarial value [AV]	381,071,661	368,867,684
С	Fu	nded position		
	1	Unfunded account limit [QAAL - AV]	(2,309,626)	55,910,318
	2	Contributions received in trust, but not yet deducted		
		2008	0	0
		2009	0	0
		2010	0	0
		2011	0	N/A
		Total	0	0
D	Em	nployer deductions for contributions to VEBAs		
	1	Maximum deduction available [C.1 + Total of C.2]	0	55,910,318
	2	Qualified additions		
		a Prior years' carryover	0	0
		b Current year additions	<u>683,796</u>	<u>683,796</u>
		c Total deductions available [a + b]	683,796	683,796
	3	Other non-deductible current year additions	0	0
	4	Total additions [2.c + 3]	683,796	683,796



All monetary amounts shown in US Dollars

No	nun	ion Medical and Dental	2011	2010
Α	Qu	nalified Asset Account Limit (QAAL)		
	1	December 31 present value of projected benefits	435,066,680	517,669,560
	2	Unrecognized liability	0	0
	3	QAAL	435,066,680	517,669,560
В	As	sets		
	1	Market value as of December 31	653,137,033	739,707,313
	2	Unrecognized investment losses (gains)	0	0
	3	Actuarial value [AV]	653,137,033	739,707,313
С	Fu	nded position		
	1	Unfunded account limit [QAAL - AV]	(218,070,353)	(222,037,753)
	2	Contributions received in trust, but not yet deducted		
		2008	0	0
		2009	105,440,603	140,939,439
		2010	73,467,453	73,467,453
		2011	39,162,297	N/A
		Total	218,070,353	214,406,892
D	En	nployer deductions for contributions to VEBAs		
	1	Maximum deduction available [C.1 + Total of C.2]	0	0
	2	Qualified additions		
		a Prior years' carryover	0	0
		b Current year additions	35,498,836	0
		c Total deductions available [a + b]	35,498,836	0
	3	Other non-deductible current year additions	3,663,461	73,467,453
	4	Total additions [2.c + 3]	39,162,297	73,467,453



2.8 Cumulative Nondeductible Contributions

All monetary amounts shown in US Dollars

Nonunion Retiree Medical and Dental VEBAs

	Contributions Made by December 31, 2011, but Not Deducted as of December 31, 2010	Deductible in 2011	Remaining Nondeductible Contributions as of December 31, 2011
2004	0	0	0
2005	0	0	0
2006	0	0	0
2007	0	0	0
2008	0	0	0
2009	140,939,439	35,498,836	105,440,603
2010	73,467,453	0	73,467,453
2011	39,162,297	0	39,162,297
Total	253,569,189	35,498,836	218,070,353

Retiree Life Insurance VEBAs

	Contributions Made by December 31, 2011, but Not Deducted as of December 31, 2010	Deductible in 2011	Remaining Nondeductible Contributions as of December 31, 2011
2004	0	0	0
2005	0	0	0
2006	0	0	0
2007	0	0	0
2008	0	0	0
2009	0	0	0
2010	0	0	0
2011	0	0	0
Total		0	0



2.9 Development of Maximum Deductible Contribution – 401(h)

All monetary amounts shown in US Dollars

Pla	n Ye	ear Beginning	January 1, 2012
Α	Dev	velopment of Maximum Deductible Contribution	
	1	Present value of projected benefits	436,863,115
	2	Fair value of assets	242,043,559
	3	Unfunded surplus [1 -2]	194,819,556
	4 Average present value of future service		12
	5 Preliminary maximum deductible contribution		
		a 10% of unfunded surplus [10% x A.3]	19,481,956
		b Aggregate normal cost [A.3 / A.4]	16,234,963
		c Greater of A.5.a and A.5.b	19,481,956
	6	Preliminary maximum 2012 contribution [1.0878 x A.5.c]	21,046,357
	7	Subordination test (development shown below)	26,254,326
	8	Maximum deductible contribution ignoring expenses [lesser of A.6 and A.7]	21,046,357
	9	Total trust expenses paid from 401(h) account	1,356,061
	10	Maximum deductible contribution including expenses [A.8 + A.9]	22,402,418

B Subordination Test

Year-by-year minimum of actual pension plan contribution and pension plan normal cost with interest

Year	West Plan	East Plan	Combined Plan
1992	9,766,169	N/A	N/A
1993	22,392,743	N/A	N/A
1994	21,208,326	N/A	N/A
1995	21,683,436	N/A	N/A
1996	20,271,648	N/A	N/A
1997	0	N/A	N/A
1998	0	N/A	N/A
1999	0	N/A	N/A
2000	0	N/A	N/A
2001	0	N/A	N/A
2002	0	N/A	N/A
2003	19,197,145	39,165,054*	N/A
2004	18,614,338	56,614,811	N/A
2005	16,222,550	55,872,817	N/A
2006	0	0	N/A
2007	0	0	N/A
2008	N/A	N/A	0
2009	N/A	N/A	100,540,448
2010	N/A	N/A	125,586,018
2011	N/A	N/A	62,751,522
2012	N/A	N/A	0
Cumulative pension contributions not for past service	149,356,355	151,652,681	589,887,025
	x 1/3	x 1/3	x 1/3
	49,785,452	50,550,894	196,629,008
Cumulative 401(h) contributions before plan year 2012	49,785,452	50,550,894	170,374,682
Subordination limit	0	0	26,254,327

^{*} Includes only portion of normal cost and contributions after 401(h) account adoption for indicated years.



2.10 Expected Benefit Disbursements, Administrative Expenses, and Participant Contributions

			January 1, 2012	January 1, 2011
Α	Me	edical and Dental		
	1	Gross disbursements	124,905,081	115,505,729
	2	Participant contributions	(28,872,722)	(26,248,354)
	3	Net disbursements	96,032,359	89,257,376
В	Lif	e Insurance		
	1	Gross disbursements	15,472,124	14,765,987
	2	Participant contributions	(3,416,581)	(3,293,099)
	3	Net disbursements	12,055,543	11,472,887
С	Gr	oss without RDS		
	1	Gross disbursements	128,402,155	130,271,716
	2	Participant contributions	(31,605,212)	(29,541,453)
	3	Net disbursements	96,796,943	100,730,263
D	RD	os*		
	1	Gross disbursements	(8,496,059)	(8,944,331)
	2	Participant contributions	0	0
	3	Net disbursements	(8,496,059)	(8,944,331)
E	Ne	t with RDS		
	1	Gross disbursements	136,898,214	121,327,385
	2	Participant contributions	(31,605,212)	(29,541,453)
	3	Net disbursements	105,293,002	91,785,932
E	2 3 Ne 1 2	Participant contributions Net disbursements It with RDS Gross disbursements Participant contributions	0 (8,496,059) 136,898,214 (31,605,212)	0 (8,944,331) 121,327,385 (29,541,453)

^{* 2011-2012} RDS payments expected to be received in 2013-2014.



Section 3: Participant Data

3.1 Summary of Plan Participants

	All monetary amounts snown in 05 Dollars					
Се	Census Date				January 1, 2012	January 1, 2011
Α	Pa	rtici	pating Employees			
	1	Nu	mber			
		а	Fully eligible		313	161
		b	Other		18,369	17,995
		С	Total participating employees		18,682	18,156
	2	To	tal annual compensation/salary		1,314,068,650	1,243,290,197
	3		erage compensation/salary		70,339	68,478
	4	Av	erage age		45.8	45.6
	5	Av	erage credited service		16.3	16.2
	6	Av	erage future working life			
		а	to expected retirement age		12.400	12.723
		b	to full eligibility age		11.370	11.574
В	Re	tiree	es and Surviving Spouses			
	1		tirees and surviving spouses			
		а	Number under 65		4,230	5,294
		b	Number 65 and older		12,865	12,139
		С	Total		17,095	17,433
		d	Average age		72.3	71.9
					12.5	71.9
Α	_	е	Age Distribution at January 1, 2012	Nember		
Ag	е		Under 55	Number 188		
			55-59	1,038		
			60-64	3,004		
			65-69	3,548		
			70-74	2,625		
			75-79	2,169		
			80-84	2,128		
			85 and over	2,395		



C Dependents

1	Number	9,024	9,417
2	Average age	67.2	66.6

3 Age Distribution at January 1, 2012

A		Nombre
Age		Number
	Under 55	547
	55-59	1,091
	60-64	2,244
	65-69	1,919
	70-74	1,287
	75-79	979
	80-84	623
	85 and over	334

Non-UMWA Postretirement Health Care Plan 27

3.2 Age and Service Distribution of Participating Employees

Attained	Attained Years of Credited Service and Number									
Age		0-4	5-9	10-14	15-19	20-24	25-29	30-34	Over 34	Total
Under 25	Count Total Earnings Average Earnings	468 \$18,780,595 \$40,129	14 \$644,799 \$46,057							482 \$19,425,394 \$40,302
25-29	Count Total Earnings Average Earnings	939 \$48,383,213 \$51,526	401 \$22,745,256 \$56,721	3 \$151,111 \$50,370						1,343 \$71,279,580 \$53,075
30-34	Count Total Earnings Average Earnings	822 \$45,069,632 \$54,829	724 \$44,559,438 \$61,546	201 \$13,067,370 \$65,012	1 \$65,749 \$65,749					1,748 \$102,762,189 \$58,788
35-39	Count Total Earnings Average Earnings	677 \$39,287,552 \$58,032	625 \$40,501,407 \$64,802	447 \$31,513,468 \$70,500	105 \$7,457,121 \$71,020	3 \$205,010 \$68,337				1,857 \$118,964,558 \$64,063
40-44	Count Total Earnings Average Earnings	544 \$33,513,393 \$61,606	524 \$34,578,795 \$65,990	439 \$33,876,592 \$77,168	305 \$23,666,327 \$77,595	210 \$16,778,712 \$79,899	6 \$470,734 \$78,456			2,028 \$142,884,553 \$70,456
45-49	Count Total Earnings Average Earnings	347 \$21,436,516 \$61,777	402 \$27,828,616 \$69,225	432 \$32,076,366 \$74,251	315 \$22,983,434 \$72,963	707 \$57,270,992 \$81,006	549 \$42,807,568 \$77,974	43 \$3,255,629 \$75,712		2,795 \$207,659,121 \$74,297
50-54	Count Total Earnings Average Earnings	271 \$17,193,069 \$63,443	291 \$20,216,565 \$69,473	301 \$22,248,742 \$73,916	260 \$19,168,596 \$73,725	566 \$42,299,005 \$74,733	1,036 \$85,720,903 \$82,742	1,228 \$96,137,340 \$78,288	40 \$2,885,373 \$72,134	3,993 \$305,869,593 \$76,601
55-59	Count Total Earnings Average Earnings	190 \$11,417,994 \$60,095	185 \$13,753,831 \$74,345	190 \$15,027,849 \$79,094	160 \$11,677,514 \$72,984	344 \$25,299,699 \$73,546	541 \$42,893,512 \$79,286	1,128 \$91,679,726 \$81,276	487 \$38,252,926 \$78,548	3,225 \$250,003,051 \$77,520
60-64	Count Total Earnings Average Earnings	83 \$5,160,962 \$62,180	100 \$7,250,385 \$72,504	96 \$7,509,306 \$78,222	69 \$4,695,572 \$68,052	120 \$8,183,854 \$68,199	159 \$12,163,911 \$76,503	206 \$16,731,142 \$81,219	237 \$20,386,459 \$86,019	1,070 \$82,081,591 \$76,712
65-69	Count Total Earnings Average Earnings	3 \$239,477 \$79,826	27 \$3,940,638 \$145,950	29 \$2,283,970 \$78,758	9 \$546,538 \$60,726	12 \$792,294 \$66,024	16 \$1,425,399 \$89,087	10 \$937,590 \$93,759	22 \$1,893,562 \$86,071	128 \$12,059,468 \$94,215
70 & over	Count Total Earnings Average Earnings		4 \$345,416 \$86,354	6 \$470,873 \$78,479	2 \$216,027 \$108,014	1 \$47,236 \$47,236				13 \$1,079,552 \$83,042
Total	Count Total Earnings Average Earnings	4,344 \$240,482,403 \$55,360	3,297 \$216,365,146 \$65,625	2,144 \$158,225,647 \$73,799	1,226 \$90,476,878 \$73,798	1,963 \$150,876,807 \$76,860	2,307 \$185,482,027 \$80,400	2,615 \$208,741,427 \$79,825	786 \$63,418,320 \$80,685	18,682 \$1,314,068,650 \$70,339



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Appendix A: Statement of Actuarial Assumptions and Methods

Actuarial Assumptions and Methods — Postretirement Welfare Cost and Funding/Tax Deductions Based on Plan Year beginning January 1, 2012

Economic Assumptions			
	Postretirement Welfare Cost	Plan Reporting	Employer Contributions
Discount rate ¹	4.75 %	4.75 %	N/A
Rates of return on assets, pre-tax: 1			
► 401(h) accounts	N/A	N/A	8.03 %
 Life insurance and union medical/dental 	N/A	N/A	7.10 %
 Nonunion medical/dental 	N/A	N/A	7.14 %
Aggregate	7.25 %	N/A	N/A
Annual rates of compensation increase ¹			
► Representative rates	Age < 26 26 - 30 31 - 35 36 - 40 41 - 45 46 - 50 > 50	Rate 11.50% 9.50 7.50 6.50 5.00 4.00 3.50	
Weighted average	4.85%		
Medical cost trend rate ²	2012 2013 2014 2015 2016 2017 2018 2019 2020+	7.00% 6.75% 6.50% 6.25% 6.00% 5.75% 5.50% 5.25% 5.00%	
Dental cost trend rate ²	2012+	5.00%	

¹ Only discount rate and asset return assumptions vary between the reporting standards. All other assumptions are consistent throughout.



²0% trend assumed for nonunion VEBA account limit.

Participation Assumptions				
Inclusion Date	The valuation date coincident with or next following the date on which the employee is hired.			
New or rehired employees	It was assumed there will be no new or rehired employees.			
	Current Retirees	Future Retirees		
Participation:	Based on valuation census data.	95%.		
Percent married	Based on valuation census data.	69% for males, 50% for females.		
Spouse age	Based on valuation census data.	Wife three years younger than husband.		

Demographic Assumptions

Mortality Preretirement: RP2000, projected to 2027.

Postretirement: RP2000, projected to 2019.

Disabled mortality (through age 65)

Rates vary by age and sex.

Representative rates:

Age	Males	Females
30	2.60%	2.60%
40	2.60	2.60
50	3.10	3.10
60	6.20	6.20

Disability Rates apply to employees not eligible to retire and vary by age and sex.

Representative rates:

rtoprocontativo ratoo.						
Percentage becoming disabled during the year						
Age	Males	Females				
20	0.060%	0.090%				
30	0.060	0.090				
40	0.074	0.110				
50	0.178	0.270				
60	0.690	1.035				



Termination (not due to disability or retirement)

Rates apply to employees not eligible to retiree and vary by and service.

Representative rates:

Percentage leaving during the year					
Age	0 – 5 Years	5+ Years			
20	8.0%	8.0%			
30	8.0	5.0			
40	8.0	2.5			
50	8.0	4.0			
60	8.0	4.0			

Retirement

Rates vary by age.

Representative rates:

Percentage retiring during the year				
Age	Rate			
55 – 57	7.0%			
58 – 60	10.0			
61 – 63	25.0			
64 – 65	50.0			
66 – 69	25.0			
70	100.0			

2012 Per Capita Claims Costs				
Medical				
► Prior to age 65	Age	Aetna		Lumenos
	< 50	5,802		5,715
	50 – 54	6,778		6,675
	55 – 59	7,548		7,434
	60 - 64	10,269		10,114
_	Average	9,129		8,992
► Age 65 and after (net of	Age	СОВ	MOB	CSP
Medicare)	65 – 69	3,101	2,475	1,251
	70 – 74	3,606	2,859	1,464
	75 – 79	3,892	3,058	1,589
	80 – 84	4,064	3,158	1,652
	85 – 89	4,225	3,252	1,714
	90 – 94	4,067	3,098	1,689
	≥ 95	3,599	2,697	1,564
	Average	3,766	2,793	1,632
► Medicare Part D (2012 only	Age	MOB/CO	В	CSP
for MOB/COB)	65 – 69	(490)		(191)
	70 – 74	(554)		(216)
	75 – 79	(573)		(223)
	80 – 84	(569)		(221)
	85 – 89	(565)		(219)
	90 – 94	(515)		(200)
	≥ 95	(417)		(162)
_	Average	(573)		(223)
Employer Group Waiver Plan (EGWP)	Age		MOE	B/COB
	65 – 69		729	
	70 – 74		824	
	75 – 79	853		53
	80 – 84		846	
	85 – 89			39
	90 – 94			66
	≥ 95			20
	Average		8	06



Expected EGWP subsidies increase in future years at rates different than the annual trend assumption due to the progressive filling in of the Standard Part D "donut hole" between now and 2020.

2013	7.9%
2014	9.0
2015	7.3
2016	9.6
2017	9.2
2018	8.8
2019	9.0
2020+	5.0

Dental \$304

Medicare covered charges trend

Same as medical cost trend.

rate

Retiree contribution trend rate Same as medical cost trend.

Administrative expenses Included in claims costs shown above.

Basis for Per Capita Claims Cost Assumptions

 Pre-65 retiree medical rates Aetna, Medco, Lumenos and Magellan supplied data on retiree medical claims incurred in 2010. Claim experience rates are calculated for Aetna and Lumenos plans by dividing incurred claims by covered lives and trending forward two years to 2012. Adjustments for benefit, geographic and vendor efficiency differences are also made. Medical and prescription drug claim rates are then multiplied by plan change factors representing the effect of substantive prescription drug plan design changes. Aetna and Lumenos cost models are developed separately by age-grading these claims rates over standard Towers Watson morbidity curves for both medical and prescription drugs to develop the quinquennial cost models.

Post-65 retiree medical rates

2012 monthly claim rates are calculated separately for MOB, COB and CSP Medicare-eligible plans by dividing 2010 incurred claims by covered lives and trending forward two years to 2012. Prescription drug claim rates are then multiplied by pricing change factors representing the savings from improvements to PBM contractual terms and changes. MOB and COB cost models are developed separately by age-grading these claim rates over standard Towers Watson morbidity curves for both medical and prescription drugs to develop the guinguennial cost models.

Dental rates

MetLife supplied data on dental claims incurred in 2010. Experience for all active and retiree employees was analyzed to derive the dental claim rates.

Medicare Part D Retiree Drug Subsidy (RDS)

We calibrated our modelling tool to reflect the 2012 cost of the current prescription drug plans for AEP's post-65 retirees. The tool employs a continuance table of annual retiree drug utilization levels, developed from analyzing the experience of several large Towers Watson clients.

After the plan-specific benefit provisions have been calibrated to



current costs, the Modeler trends costs forward to 2012. Actuarial equivalence was determined using the following two-prong approach outlined in the regulations for Medicare Part D:

- ► Gross Value Test The Modeler calculates the value of standard Medicare Part D coverage and compares it to AEP's plan costs. AEP's plans passed this test by being richer than the projected value of standard Medicare part D coverage for these groups.
- Net Value Test The net value prong of the test compares the value of Standard Part D coverage in 2012 minus the greater of \$372.96 per year (the national average Part D premium) and 25.5% of the gross value of Part D to the projected 2012 value of AEP coverage minus the average projected 2012 retiree contribution rate. For this purpose, retiree contributions were assumed to apply pro rata between the value of medical benefits and prescription drug benefits.

When the plans are deemed to be actuarially equivalent, the tool calculates the average expected value of the employer subsidy in 2012, using the continuance table calibrated to AEP's plan costs. This produced a 2012 per person employer subsidy of \$573 for MOB and COB plans and \$223 for CSP.

► Employer Group Waiver Plan (EGWP)

Projected offsets to plan costs associated with transitioning to EGWP.

Estimated plan cost offsets associated with transitioning to an EGWP arrangement were developed using the same post-65 retiree prescription drug continuance table that was used in the Retiree Drug Subsidy payment estimates. AEP's plan-specific benefit provisions were calibrated to current costs to estimate the level of pharmaceutical company discounts and reinsurance dollars that the plan would receive for participants who enter or exceed the Standard Medicare Part D "donut hole." An estimate of direct monthly government payments under the EGWP was provided by Medco based on average Part D plan payments risk-adjusted for AEP's post-65 retiree population.

To account for the gradual fill-in of the "donut hole" through 2020, higher trend levels are applied to estimated direct monthly EGWP payments between 2013 (effective date of plan change) and 2020, after which EGWP plan cost offsets are assumed to increase at the valuation trend rate assumption.

Additional Assumptions

Excise tax

To determine impact of the excise tax on the non-UMWA postretirement plan, we projected future gross plan costs using the valuation trend assumption and compared these on a year-by-year basis to the excise tax thresholds beginning in 2018 and projected to future years using CPI (CPI + 1% for 2019). The expected cost of each non-UMWA benefit combination, which were blended pre-65/post-65 based on headcounts, exceeded these thresholds at various points in time, but no earlier than 2039.

The amount of the excise tax valued was 40% times the portion of the cost exceeding the thresholds, grossed up by 35% to account for the nondeductibility of these charges for AEP's administrators.



Timing of benefit payments

Benefit payments are assumed to be made uniformly throughout the year and on average at mid-year.

Methods

Census date January 1, 2012 Measurement date January 1, 2012

Service cost and APBO Costs are determined using the Projected Unit Credit Cost

Method. The annual service cost is equal to the present value of the portion of the projected benefit attributable to service during the upcoming year, and the Accumulated Postretirement Benefit Obligation (APBO) is equal to the present value of the portion of the projected benefit attributable to service before the valuation date. Service from hire date through the expected full eligibility

date is counted in allocating costs.

Market-related value of assets

The fair value of assets on the measurement date.

Amortization of unamortized amounts:

Prior service cost (credit)
Increase in APBO resulting from a plan amendment is amortized

on a straight-line basis over the average expected remaining service of active participants expected to benefit under the plan. Amortization of net prior service cost/(credit) resulting from a plan change is included as a component of Net Periodic Postretirement Benefit Cost/(Income) in the year first recognized and every year thereafter until such time as it is fully amortized. The annual amortization payment is determined in the first year as the increase in APBO due to the plan change divided by the average remaining service period to full eligibility for participating

employees expected to receive benefits under the Plan. Reductions in APBO first reduce any unrecognized prior service cost; any remaining amount is amortized on a straight-line basis

as described above.

Net loss (gain)
Amortization of the net gain or loss resulting from experience

different from that assumed and from changes in assumptions (excluding asset gains and losses not yet reflected in market-related value) is included as a component of Net Periodic

Postretirement Benefit Cost/(Income) for a year.

Net loss (gain) in excess of 10% of the greater of APBO or the market-related value of assets is amortized on a straight-line basis over the average expected remaining service of active

participants expected to benefit under the plan.

ASC 965 (formerly SOP 92-6)

APBO Accumulated Postretirement Benefit Obligation (APBO) is equal to

the present value of the portion of the projected benefit

attributable to service before the valuation date. Service from hire date through the expected full eligibility date is counted in

allocating costs.

Funding policy AEP's funding policy is to contribute an amount equal to the

postretirement welfare cost. AEP maximizes its contribution to the

401(h) account and contributes the remainder to the VEBA.

Benefits Not Valued All benefits described in the Plan Provisions section of this report

were valued. Life insurance benefits in excess of \$50,000 and health care benefits for key employees were not included in

determining the maximum deductible contribution.

Towers Watson has reviewed the plan provisions with AEP and based on that review is not aware of any significant benefits

required to be valued that were not included.

Change in Assumptions and Methods Since Prior Valuation

The discount rate for APBO was changed from 5.25% to 4.75%.

Mortality was updated to reflect an additional year of mortality

improvements.

Per capita claims costs were updated to reflect more recent claims experience and improved PBM contractual terms.

Data Sources

American Electric Power (AEP), through its third party administrator, furnished active participant data as of January 1, 2012. AEP provided inactive participant data as of January 1, 2012. AEP also provided the accrued postretirement benefit costs as of December 31, 2011. Health plan vendors furnished the claims cost data. Data were reviewed for reasonableness and consistency, but no audit was performed. Based on discussions with the plan sponsor, assumptions or estimates were made when data were not available, and the data was adjusted to reflect any significant events that occurred between the date the data was collected and the measurement date. We are not aware of any errors or omissions in the data that would have a significant effect on the results of our calculations.



Appendix B: Summary of Substantive Plan Provisions Reflected in Valuation

Health Care Benefits

Eligibility Participants are eligible upon retirement after age 55 with ten years of

service or upon attaining age 55 with ten years of service after becoming permanently disabled. If involuntary termination, then

eligible after age 50 with ten years of service.

Surviving spouse After the death of a retiree or active employee eligible to retire,

surviving spouses are eligible until death or remarriage. Surviving children are also eligible, subject to the limiting age provision outlined

above.

Dependent Eligible dependents are spouse, unmarried children under

age 19 (age 25 if a full-time student) and unmarried disabled children

of any age.

Benefits

The AEP Post-65 Medical Plan provides broad medical coverage with a deductible of \$200, 80% coinsurance and a maximum annual out-of-pocket expense of \$2,000 per person. Discounted charges and different benefits (\$250 deductible, 85% coinsurance and a \$2,500 out-of-pocket maximum) may be obtained by pre-65 retirees electing to use network providers.

Pre-65 retirees who live in areas designated as "Network Area" will have reduced benefits (\$500 deductible, 70% coinsurance, \$5,000 out-of-pocket maximum) if they do not use network providers.

Alternatively, these retirees can elect coverage under consumer driven health plan designs.

Prescription drug benefits are provided under a separate plan with the following copayments for those who do not enroll in a consumer driven health plan:

	Generic	Brand Name Formulary	Brand Name Nonformulary
30-day retail	\$5 copay	20% \$20 minimum \$100 maximum	20% \$35 minimum \$100 maximum
90-day retail	\$12 copay	20% \$50 minimum \$200 maximum	20% \$90 minimum \$200 maximum

Prescription drug benefits are also subject to a \$50 deductible and a \$1,000 out-of-pocket maximum per person.



Benefits after age 65 are coordinated with Medicare using the carveout method. Participants have the option to "buy up" to exclusion coordination of benefits coverage. Exclusion coordination is provided to East retirees who attained age 65 prior to January 1, 2001.

Deductibles and out-of-pocket maximums are assumed to increase over time at approximately the same rate as benefit costs.

Postretirement contributions

Participant contributions are determined as a percentage of plan costs and vary by points (age at retirement plus service) as follows:

Points	Retiree Cost
65-69	46%
70-74	42
75-79	36
80-84	32
85-89	26
90-94	22
95+	20
Grandfathered	20

For East participants who retired prior to January 1, 1989, and West participants who retired prior to January 1, 1993, no contributions are required.

For East participants who retired on or after January 1, 1989, and West participants who retired on or after January 1, 1993, the 20% "Grandfathered" contributions are in effect if they retired by December 31, 2000, or attained age 50 and had ten or more years of service with the company on that date. The percentages described above are applied to plan costs that differ from the per capita claims costs assumed in the valuation as follows:

The Medicare status of dependents is not looked at in determining whether "pre-65" or "post-65" rates apply. The pre-65 plan rates used to calculate participant contributions are a blend of pre-65 retiree costs and active employee costs.

For purposes of determining retiree contribution rates, AEP excludes the government's monthly direct payment amount from offsetting the plan cost to which the contribution percentages are applied.

Disabled employee contributions

Disabled employees have a waiver of premium provision where no contributions are made while an employee remains disabled.

If an employee retires while disabled and became disabled before January 1, 2001, the waiver of premium provision continues for life. If an employee retires while disabled and became disabled after January 1, 2001, the employee will continue to accrue points as if actively-atwork until age 65 and be subject to the same contribution schedule as normal retirees.



Life Insurance Benefits

Grandfathered participants

Participants over age 50 with ten years of service as of December 31, 2000.

Grandfathered benefits

Grandfathered participants have the option of keeping current coverage. Active employee coverage for grandfathered East participants is one times final base pay at no cost with the option to buy up to two times base pay. The entire amount of coverage (basic plus supplemental) in force prior to retirement can be carried into retirement subject to reduction beginning at age 66. Current coverage for grandfathered West participants is one and one-half times final base pay prior to age 60, one times final base pay from age 60 to 64 and one-half times final base pay after age 65.

Life Insurance Benefit Reduction Table for Grandfathered East Participants

Years of				•	Age 70
Coverage	Age 66	Age 67	Age 68	Age 69	or Over
10 – 11	65%	55%	45%	35%	25%
11 – 12	70	60	50	40	30
12 – 13	75	65	55	45	35
13 – 14	80	70	60	50	40
14 – 15	85	75	65	55	45
15 or more	90	80	70	60	50

Grandfathered contributions

Grandfathered East retirees must contribute \$0.60/\$1,000 of coverage (basic + supplemental) per month. West retirees are not required to contribute to the cost of coverage.

Nongrandfathered benefits

\$30.000.

Dental Benefits

Eligibility

Participants, including retirees and surviving dependents, are eligible upon retirement after age 55 with ten years of service. There is a one-time election and if coverage terminates there is no opportunity to reenroll.

Benefits

The AEP Dental Plan provides dental coverage with a deductible of \$50 single/\$150 family, 100% coinsurance for preventive care, 80% coinsurance for basic restorative care, 50% coinsurance for major restorative care and 50% coinsurance for orthodontia.

Most retirees pay the full cost of dental coverage if they enroll. CSW employees who retire before January 1, 1993, contribute nothing to enroll for dental coverage. Former CSW employees retiring after January 1, 1993, who were either retired or had attained age 50 with ten years of service as of January 1, 2001, pay 30%.



Changes in Benefits Valued Since Prior Year

The following benefit changes have been reflected since the prior valuation, as a result of PPACA/HCERA:

- ▶ Elimination of lifetime maximums in 2011
- ► Excise ("Cadillac") tax on high-cost plans beginning in 2018.

Transition to Employer Group Waiver Plan (EGWP) and underlying change to post-65 retiree cost sharing.

Overview of Benefits Provided by Funding Vehicles

Funding vehicle	Provides for
Nonunion postretirement medical/dental VEBAs	100% of medical/dental benefits to nonunion employees before 2016 and 50% of benefits thereafter.
Union postretirement medical/dental VEBAs	100% of medical/dental benefits to union employees.
Postretirement life insurance VEBA	Life insurance benefits for all retirees.
401(h) account	50% of benefits after 2015 for nonunion retirees.



Appendix C: Results by Business Unit



Retired Participants Nonretired Participants Dependent Surviving Location Active Disabled Total Retiree Spouse Spouse Total Appalachian Power Co - Distribution 2,400 1,025 1,219 Appalachian Power Co - Generation 1,852 Appalachian Power Co - Transmission Appalachian Power Co. - FERC 1,999 2,133 2,328 1,615 4,516 Cedar Coal Co Central Coal Company Appalachian Power Co. - SEC 1,999 2,133 2,343 1,622 4,556 AEP Texas Central Company - Distribution 1,829 AEP Texas Central Company - Generation AEP Texas Central Company - Transmission **AEP Texas Central Co.** 1.054 2.024 Indiana Michigan Power Co - Distribution 1.378 Indiana Michigan Power Co - Generation Indiana Michigan Power Co - Nuclear 1.105 1.120 Indiana Michigan Power Co - Transmission Ind Mich River Transp Lakin Indiana Michigan Power Co. - FERC 2,525 2,580 1,675 1,029 3,126 Price River Coal Indiana Michigan Power Co. - SEC 2.525 2,580 1,675 1,029 3,126 Kentucky Power Co - Distribution Kentucky Power Co - Generation Kentucky Power Co - Transmission Kentucky Power Co. Cardinal Operating Company Cook Coal Terminal Ohio Power Co - Distribution 1,394 1,431 1,831 1,116 3,395 Ohio Power Co - Generation 1,002 1,059 1,322 2,520 Ohio Power Co - Transmission Ohio Power Co. - FERC 2.915 3.027 3.611 2.345 6.796 Conesville Coal Preparation Company Ohio Power Co. - SEC 2.923 3,035 3.622 2.355 6.817 Public Service Co of Oklahoma - Distribution 1,122 Public Service Co of Oklahoma - Generation Public Service Co of Oklahoma - Transmission Public Service Co. of Oklahoma 1,099 1,062 1,671 Southwestern Electric Power Co - Distribution Southwestern Electric Power Co - Generation Southwestern Electric Power Co - Texas - Distribution Southwestern Electric Power Co - Texas - Transmission Southwestern Electric Power Co - Transmission Southwestern Electric Power Co. 1,304 1,333 1,619 AEP Texas North Company - Distribution AEP Texas North Company - Generation AEP Texas North Company - Transmission **AEP Texas North Co.** Kingsport Power Co - Distribution Kingsport Power Co - Transmission Kingsport Power Co. Wheeling Power Co - Distribution Wheeling Power Co - Transmission Wheeling Power Co. American Flectric Power Service Corporation 5 594 5 669 2 632 1 639 4 497 American Electric Power Service Corp 5.594 5.669 2.632 1.639 4.497 AEP Pro Serv, Inc. n CSW Energy, Inc. Elmwood AEP River Operations LLC Miscellaneous 1,005 1,023 9,024 3,098 Total 18.133 18.682 13.997 26.119



American Electric Power Non-UMWA Postretirement Welfare Plan 2012 Net Periodic Postretirement Benefit Cost Reflects Effect of Medicare Part D

	Accumulated		Expected					Net Periodic		
	Postretirement	Expected Net	Fair Value	Service	Interest	Return on	Amortizat		Net	Postretirement
Location	Benefit Obligation	Benefit Payments	of Assets	Cost	Cost	Assets	PSC	(G)/L	Amortization	Benefit Cost
Appalachian Power Co - Distribution	\$174,489,666	\$9.840.185	\$118.131.183	\$2,596,286	\$8,180,590	-\$8.461.891	-\$1.408.178	\$4.556.556	\$3,148,378	\$5.463.363
Appalachian Power Co - Generation	145,710,435	7,849,339	98,647,366	2,418,213	6,851,852	(7,066,240)	(1,228,791)	3,805,026	2,576,235	4,780,060
Appalachian Power Co - Transmission	23,813,720	1,021,803	16,122,118	372,700	1,124,869	(1,154,848)	(216,933)	621,862	404,929	747,650
Appalachian Power Co FERC	\$344,013,821	\$18,711,326	\$232,900,667	\$5,387,199	\$16,157,311	-\$16,682,979	-\$2,853,901	\$8,983,444	\$6,129,543	\$10,991,074
Cedar Coal Co	1,434,519	158,080	971,183	0	64,429	(69,567)	(8,202)	37,460	29,258	24,120
Central Coal Company	0, 10 1,0 10	0	0.1,100	0	0.,.20	(00,001)	(0,202)	0.,.00	0	0
Appalachian Power Co SEC	\$345,448,340	\$18,869,406	\$233,871,850	\$5,387,199	\$16,221,740	-\$16,752,546	-\$2,862,103	\$9,020,904	\$6,158,801	\$11,015,194
Apparacinant ower co ozo	4010,110,010	ψ10,003, 1 00	Ψ200,071,000	ψ5,501,133	ψ10,EE1,140	Ψ10,102,040	- 42,002,103	ψ3,0 <u>2</u> 0,30 4	ψο, 130,001	ψ11,010,10 4
AEP Texas Central Company - Distribution	\$122,944,496	\$6,520,463	\$83.234.607	\$2,204,936	\$5,791,534	-\$5,962,204	-\$1,064,502	\$3,210,525	\$2,146,023	\$4,180,289
AEP Texas Central Company - Generation	1,553,589	137,576	1,051,795	0	70,566	(75,341)	(14,526)	40,570	26,044	21,269
AEP Texas Central Company - Transmission	11,676,523	654,136	7,905,118	254,435	551,365	(566,254)	(103,312)	304,916	201,604	441,150
AEP Texas Central Co.	\$136,174,608	\$7,312,175	\$92,191,520	\$2,459,371	\$6,413,465	-\$6,603,799	-\$1,182,341	\$3,556,011	\$2,373,670	\$4,642,707
ALI TOXAG COMMAN COM	\$100,174,000	ψ.,σ. <u>z</u> ,σ	402,101,020	42 , 100,01 1	40,110,100	40,000,100	V.,.02,0	\$ 0,000,011	42,0.0,0.0	\$1,012,101
Indiana Michigan Power Co - Distribution	\$87,992,037	\$5,584,108	\$59,571,456	\$1,530,880	\$4,121,255	-\$4,267,181	-\$757,388	\$2,297,790	\$1,540,402	\$2,925,356
Indiana Michigan Power Co - Generation	52,381,463	2,539,519	35,462,754	1,025,876	2,477,235	(2,540,244)	(459,919)	1,367,869	907,950	1,870,817
Indiana Michigan Power Co - Nuclear	84,599,691	3,165,610	57,274,805	3,054,703	4,089,273	(4,102,669)	(805,285)	2,209,204	1,403,919	4,445,226
Indiana Michigan Power Co - Transmission	18,107,597	930,868	12,259,017	318,557	853,391	(878,129)	(171,150)	472,855	301,705	595,524
Ind Mich River Transp Lakin	21,826,477	889,255	14,776,735	690,764	1,048,694	(1,058,477)	(189,357)	569,968	380,611	1,061,592
Indiana Michigan Power Co FERC	\$264,907,265	\$13,109,360	\$179,344,767	\$6,620,780	\$12,589,848	-\$12,846,700	-\$2,383,100	\$6,917,686	\$4,534,586	\$10,898,514
Price River Coal	0	0	0	0	0	0	0	0	0	0
Indiana Michigan Power Co SEC	\$264,907,265	\$13,109,360	\$179,344,767	\$6,620,780	\$12,589,848	-\$12,846,700	-\$2,383,100	\$6,917,686	\$4,534,586	\$10,898,514
Kentucky Power Co - Distribution	\$34,952,737	\$1,558,515	\$23,663,339	\$584,600	\$1,651,438	-\$1,695,036	-\$294,162	\$912,742	\$618,580	\$1,159,582
Kentucky Power Co - Generation	20,636,432	944,713	13,971,063	309,302	972,746	(1,000,766)	(171,034)	538,892	367,858	649,140
Kentucky Power Co - Transmission	4,433,670	163,241	3,001,637	112,680	212,120	(215,011)	(39,363)	115,779	76,416	186,205
Kentucky Power Co.	\$60,022,839	\$2,666,469	\$40,636,039	\$1,006,582	\$2,836,304	-\$2,910,813	-\$504,559	\$1,567,413	\$1,062,854	\$1,994,927
Cardinal Operating Company	\$34,397,755	\$1,757,191	\$23,287,611	\$741,875	\$1,627,883	-\$1,668,122	-\$299,478	\$898,250	\$598,772	\$1,300,408
Cook Coal Terminal	1,694,913	64,061	1,147,472	26,898	80,282	(82,195)	(15,516)	44,260	28,744	53,729
Ohio Power Co - Distribution	213,483,447	12,776,426	144,530,348	3,464,256	10,005,096	(10,352,898)	(1,750,240)	5,574,825	3,824,585	6,941,039
Ohio Power Co - Generation	179,005,059	10,488,737	121,188,147	2,706,504	8,385,082	(8,680,866)	(1,487,838)	4,674,469	3,186,631	5,597,351
Ohio Power Co - Transmission	34,550,710	1,801,952	23,391,163	543,264	1,624,664	(1,675,540)	(304,794)	902,244	597,450	1,089,838
Ohio Power Co FERC	\$463,131,884	\$26,888,367	\$313,544,741	\$7,482,797	\$21,723,007	-\$22,459,621	-\$3,857,865	\$12,094,048	\$8,236,183	\$14,982,366
Conesville Coal Preparation Company	1,972,443	96,864	1,335,363	20,244	92,379	(95,654)	(14,962)	51,508	36,546	53,515
Ohio Power Co SEC	\$465,104,327	\$26,985,231	\$314,880,104	\$7,503,041	\$21,815,386	-\$22,555,275	-\$3,872,827	\$12,145,556	\$8,272,729	\$15,035,881
									4	
Public Service Co of Oklahoma - Distribution	\$74,547,063	\$3,890,587	\$50,469,079	\$1,662,212	\$3,528,611	-\$3,615,166	-\$662,617	\$1,946,693	\$1,284,076	\$2,859,733
Public Service Co of Oklahoma - Generation	38,515,625	1,542,840	26,075,449	975,378	1,839,605	(1,867,819)	(338,793)	1,005,782	666,989	1,614,153
Public Service Co. of Oklahoma - Transmission Public Service Co. of Oklahoma	9,049,152	441,429	6,126,363 \$82.670.891	198,455	428,899	(438,839)	(77,486)	236,306	158,820	347,335
Public Service Co. of Oklahoma	\$122,111,840	\$5,874,856	\$82,670,891	\$2,836,045	\$5,797,115	-\$5,921,824	-\$1,078,895	\$3,188,781	\$2,109,886	\$4,821,222
Southwestern Electric Power Co - Distribution	\$54,212,996	\$2,421,400	\$36,702,720	\$1,320,057	\$2,580,979	-\$2,629,064	-\$164,313	\$1,415,697	\$1,251,384	\$2,523,356
Southwestern Electric Power Co - Generation Southwestern Electric Power Co - Texas - Distribution	52,289,462	2,044,249	35,400,469	1,311,062	2,498,037	(2,535,782)	(466,858)	1,365,467	898,609 429,116	2,171,926
Southwestern Electric Power Co - Texas - Distribution Southwestern Electric Power Co - Texas - Transmission	25,106,803 0	1,119,082 0	16,997,547 0	528,658 0	1,191,415 0	(1,217,557) 0	(226,513) 0	655,629 0	429,116	931,632 0
Southwestern Electric Power Co - Transmission	-		-	164.599	402.495	-		-	147.022	-
Southwestern Electric Power Co - Transmission Southwestern Electric Power Co.	8,506,158 \$140,115,419	398,965 \$5,983,696	5,758,751 \$94.859.487	\$3,324,376	\$6,672,926	(412,507) -\$6,794,910	(75,105) -\$932,790	222,127 \$3.658.920	\$2,726,130	301,609 \$5.928.522
Southwestern Electric Fower Co.	\$140,115,419	\$5,965,696	\$94,039,407	\$3,324,376	\$0,072,920	-\$0,794,910	-\$932,790	\$3,636,920	\$2,720,130	\$3,920,322
AEP Texas North Company - Distribution	\$36,217,931	\$1,598,295	\$24,519,888	\$672,415	\$1,714,772	-\$1,756,392	-\$318,083	\$945,781	\$627,698	\$1,258,493
AEP Texas North Company - Generation	7,564,947	657,212	5,121,542	0	343,907	(366,863)	(67,677)	197,548	129,871	106,915
AEP Texas North Company - Transmission	5,514,671	178,057	3,733,485	160.398	265,386	(267,434)	(50,992)	144,008	93,016	251,366
AEP Texas North Co.	\$49,297,549	\$2,433,564	\$33,374,915	\$832,813	\$2,324,065	-\$2,390,689	-\$436,752	\$1,287,337	\$850,585	\$1,616,774
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Kingsport Power Co - Distribution	\$6,625,632	\$454,805	\$4,485,617	\$103,707	\$308,967	-\$321,311	-\$52,503	\$173,019	\$120,516	\$211,879
Kingsport Power Co - Distribution Kingsport Power Co - Transmission	1,069,339	50.506	723,953	20,867	50,599	(51.858)	(11,677)	27,924	16,247	35,855
Kingsport Power Co.	\$7,694,971	\$505,310	\$5,209,570	\$124,574	\$359,566	-\$373,169	-\$64,180	\$200,943	\$136,763	\$247,734
itingsport rower oo.	ψ1,054,511	ψ505,510	\$3,203,310	ψ124,574	ψ000,000	-ψ010,100	-404,100	\$200,545	ψ100,700	\$247,754
Wheeling Power Co - Distribution	\$8,923,132	\$551,813	\$6,041,046	\$132,510	\$417,189	-\$432,728	-\$74,230	\$233,015	\$158,785	\$275,756
Wheeling Power Co - Transmission	399,484	42.378	270,455	φ132,310	17.981	(19,373)	(2,613)	10.432	7,819	6,427
Wheeling Power Co.	\$9,322,616	\$594,191	\$6,311,501	\$132,51 0	\$435,170	-\$452,101	-\$76,843	\$243,447	\$166,604	\$282,183
Whiteling I ower co.	ψ3,322,010	ψ554,151	ψ0,511,501	ψ10 2 ,310	ψ+00,110	-ψ40 2 ,101	Ψ10,043	\$2 40,441	ψ100,004	\$202,103
American Electric Power Service Corporation	\$455,921,125	\$20,492,596	\$308.662.988	\$12.864.126	\$21,786,247	-\$22,109,933	-\$4.547.980	\$11.905.749	\$7.357.769	\$19.898.209
American Electric Power Service Corporation American Electric Power Service Corp	\$455,921,125 \$455,921,125	\$20,492,596 \$20,492,596	\$308,662,988	\$12,864,126	\$21,786,247 \$21,786,247	-\$22,109,933 -\$22,109,933	-\$4,547,980 - \$4,547,980	\$11,905,749	\$7,357,769	\$19,898,209
	ψ 1 00,321,123	ψ±0,432,330	ψ000,002,300	ψ12,004,120	ψ£1,100,241	-waa, 103,333	· • • • • • • • • • • • • • • • • • • •	ψ11,303,149	ψ1,331,109	ψ13,030,209
AEP Pro Serv, Inc.	\$178,846	\$12,595	\$121,080	\$0	\$8,200	-\$8,673	-\$1,133	\$4,670	\$3,537	\$3,064
CSW Energy, Inc.	982.393	43,368	665,090	45,816	47,822	(47,641)	(9,491)	25,654	16,163	62.160
Elmwood	5,015,782	43,366 81.346	3,395,733	339,444	252,464	(243,241)	(43,959)	130,980	87,021	435,688
AEP River Operations LLC	19,616,683	328,840	13,280,683	2,141,849	1,025,811	(951,313)	(200,282)	512,263	311,981	2,528,328
Miscellaneous	\$25,793,704	\$466,149	\$17,462,586	\$2,527,109	\$1,334,297	-\$1,250,868	-\$254,865	\$673,567	\$418,702	\$3,029,240
	42 0,.00,104	ψ·100,140	Ų.,,.o <u>z</u> ,000	\$2,52. ,.33	Ų.,00-, 2 01	Ų.,200,000	420 1,000	40.0,001	Ų-1.5,10 <u>2</u>	40,020,240
Total	\$2,081,914,603	\$105,293,002	\$1,409,476,218	\$45,618,526	\$98,586,129	-\$100,962,627	-\$18,197,236	\$54,366,314	\$36,169,078	\$79,411,106

American Electric Power
Non-UMWA Postretirement Welfare Plan
5-Year Postretirement Welfare Cost Forecast
Reflects Effect of Medicare Part D

Reflects Effect of Medicare Part D	100 745 00							
	ASC 715-60 Cost							
Location	2012	2013	2014	2015	2016	2017		
Appalachian Power Co - Distribution	\$5,463,363	\$4,810,251	\$4,195,025	\$3,691,274	\$3,343,833	\$3,062,193		
Appalachian Power Co - Generation	4,780,060	4,253,039	3,756,361	3,351,130	3,077,322	2,854,225		
Appalachian Power Co - Transmission	747,650	665,979	586,345	521,104	474,590	434,949		
Appalachian Power Co FERC	\$10,991,074	\$9,729,270	\$8,537,732	\$7,563,509	\$6,895,746	\$6,351,368		
Cedar Coal Co	24,120	15,704	8,387	2,629	(1,469)	(4,477)		
Central Coal Company	0	0	0	0	0	0		
Appalachian Power Co SEC	\$11,015,194	\$9,744,974	\$8,546,119	\$7,566,138	\$6,894,277	\$6,346,891		
AEP Texas Central Company - Distribution	\$4,180,289	\$3,750,743	\$3,349,086	\$3,022,476	\$2,803,810	\$2,626,858		
AEP Texas Central Company - Generation	21,269	12,703	5,679	282	(4,020)	(7,115)		
AEP Texas Central Company - Transmission AEP Texas Central Co.	441,150 \$4,642,707	403,099 \$4,166,544	368,987	341,515	324,159 \$3,123,948	310,043 \$2,929,785		
AEF Texas Central Co.	\$4,042,707	\$4,166,544	\$3,723,751	\$3,364,272	\$3,123,946	\$2,929,765		
Indiana Michigan Power Co - Distribution	\$2,925,356	\$2,601,148	\$2,301,654	\$2,060,573	\$1,900,340	\$1,777,549		
Indiana Michigan Power Co - Generation	1,870,817	1,699,763	1,535,899	1,400,879	1,309,918	1,235,387		
Indiana Michigan Power Co - Nuclear	4,445,226	4,285,811	4,123,373	3,996,668	3,935,426	3,897,144		
Indiana Michigan Power Co - Transmission	595,524	532,760	473,736	425,750	393,457	366,860		
Ind Mich River Transp Lakin	1,061,592	1,012,506	963,274	923,819	902,148	887,928		
Indiana Michigan Power Co FERC Price River Coal	\$10,898,514	\$10,131,987	\$9,397,935	\$8,807,688	\$8,441,288	\$8,164,867		
Indiana Michigan Power Co SEC	0 \$10,898,514	0 \$10,131,987	0 \$9,397,935	0 \$8,807,688	0 \$8,441,288	0		
Indiana Michigan Power Co SEC	\$10,898,514	\$10,131,987	\$9,397,935	\$8,807,688	\$8,441,288	\$8,164,867		
Kentucky Power Co - Distribution	\$1,159,582	\$1,039,597	\$924,596	\$828,664	\$762,231	\$704,843		
Kentucky Power Co - Generation	649,140	575,304	504,222	444,655	402,195	368,488		
Kentucky Power Co - Transmission	186,205	174,712	163,230	153,603	147,904	142,738		
Kentucky Power Co.	\$1,994,927	\$1,789,613	\$1,592,048	\$1,426,922	\$1,312,330	\$1,216,069		
Cardinal Operating Company	\$1,300,408	\$1,191,244	\$1,087,148	\$1,003,553	\$948,166	\$906,527		
Cook Coal Terminal	53,729	47,904	42,423	37,557	33,903	31,016		
Ohio Power Co - Distribution	6,941,039	6,148,626	5,413,979	4,820,537	4,419,683	4,100,083		
Ohio Power Co - Generation	5,597,351	4,921,228	4,293,815	3,783,279	3,429,284	3,147,995		
Ohio Power Co - Transmission	1,089,838	966,302	849,745	752,027	687,028	632,294		
Ohio Power Co FERC	\$14,982,366	\$13,275,305	\$11,687,111	\$10,396,954	\$9,518,065	\$8,817,916		
Conesville Coal Preparation Company Ohio Power Co SEC	53,515 \$15,035,881	45,551 \$13,320,856	37,800 \$11,724,911	31,217 \$10,428,171	26,785 \$9,544,850	23,133 \$8,841,049		
B. II. B. J.								
Public Service Co of Oklahoma - Distribution Public Service Co of Oklahoma - Generation	\$2,859,733 1,614,153	\$2,625,967 1,508,809	\$2,407,350 1,404,399	\$2,229,333 1,319,083	\$2,116,373 1,265,364	\$2,028,045 1,224,034		
Public Service Co of Oklahoma - Generation Public Service Co of Oklahoma - Transmission	347,335	318.866	290.986	269,594	255,273	244,581		
Public Service Co. of Oklahoma	\$4,821,222	\$4,453,643	\$4,102,736	\$3,818,011	\$3,637,011	\$3,496,661		
Southwestern Electric Power Co - Distribution	\$2,523,356	\$2,369,505	\$2,220,010	\$2,099,714	\$2,025,869	\$1,966,470		
Southwestern Electric Power Co - Generation	2,171,926	2,029,624	1,888,290	1,772,712	1,699,103	1,640,637		
Southwestern Electric Power Co - Texas - Distribution	931,632	853,875	778,341	716,845	676,284	644,097		
Southwestern Electric Power Co - Texas - Transmission Southwestern Electric Power Co - Transmission	0	0	0	0	0	0		
Southwestern Electric Power Co - Transmission Southwestern Electric Power Co.	301,609	273,151 \$5,526,154	245,560 \$5,132,200	224,176	209,764	197,679		
Southwestern Electric Power Co.	\$5,928,522	\$5,526,154	\$5,132,200	\$4,813,446	\$4,611,019	\$4,448,882		
AEP Texas North Company - Distribution	\$1,258,493	\$1,138,671	\$1,022,505	\$926,965	\$861,882	\$806,680		
AEP Texas North Company - Generation	106,915	66,210	30,313	1,554	(20,182)	(37,861)		
AEP Texas North Company - Transmission	251,366	238,850	225,797	214,862	208,034	202,600		
AEP Texas North Co.	\$1,616,774	\$1,443,731	\$1,278,615	\$1,143,381	\$1,049,734	\$971,419		
Kingsport Power Co - Distribution	\$211,879	\$186,000	\$163,321	\$145,246	\$132,937	\$122,812		
Kingsport Power Co - Transmission	35,855	32,367	29,046	26,327	24,330	22,799		
Kingsport Power Co.	\$247,734	\$218,367	\$192,367	\$171,573	\$157,267	\$145,611		
Wheeling Power Co - Distribution	\$275,756	\$241,848	\$210,561	\$184,881	\$167,147	\$152,874		
Wheeling Power Co - Transmission	6,427	4,124	2,100	488	(669)	(1,579)		
Wheeling Power Co.	\$282,183	\$245,972	\$212,661	\$185,369	\$166,478	\$151,295		
American Electric Power Service Corporation	\$19,898,209	\$18,716,922	\$17,572,096	\$16,664,192	\$16,135,913	\$15,735,824		
American Electric Power Service Corp	\$19,898,209	\$18,716,922	\$17,572,096	\$16,664,192	\$16,135,913	\$15,735,824		
AEP Pro Serv, Inc.	\$3,064	\$2,064	\$1,147	\$322	-\$281	-\$774		
CSW Energy, Inc.	62,160	61,056	59,857	59,467	59,763	60,131		
Elmwood	435,688	439,763	441,704	444,958	451,211	457,785		
AEP River Operations LLC	2,528,328	2,605,187	2,669,427	2,733,705	2,811,686	2,891,134		
Miscellaneous	\$3,029,240	\$3,108,070	\$3,172,135	\$3,238,452	\$3,322,379	\$3,408,276		
Total	\$79,411,106	\$72,866,832	\$66,647,573	\$61,627,614	\$58,396,493	\$55,856,628		

	Accumulated	Expected Net	FainMalor	0	1-11	Expected	A	·	N-4	Net Periodic
Location	Postretirement Benefit Obligation	Benefit Payments	Fair Value of Assets	Service Cost	Interest Cost	Return on Assets	Amortiza: PSC	(G)/L	Net Amortization	Postretirement Benefit Cost
Location	Borioni Obligation	r dymonio	0//100010	0001	0001	7100010	, 00	(0)/2	7 1110/112011011	Postretirement
Appalachian Power Co - Distribution	\$175,426,357	\$9,659,250	\$122,942,703	\$2,726,100	\$8,235,496	-\$8,839,727	-\$1,408,178	\$4,096,560	\$2,688,382	\$4,810,251
Appalachian Power Co - Generation	147,131,161	8,030,390	103,112,799	2,539,124	6,920,829	(7,413,933)	(1,228,791)	3,435,810	2,207,019	4,253,039
Appalachian Power Co - Transmission	24,289,486	1,023,459	17,022,613	391,335	1,148,314	(1,223,946)	(216,933)	567,209	350,276	665,979
Appalachian Power Co FERC	\$346,847,004	\$18,713,099	\$243,078,115	\$5,656,559	\$16,304,639	-\$17,477,606	-\$2,853,901	\$8,099,579	\$5,245,678	\$9,729,270
Cedar Coal Co	1,340,868	150,449	939,710	0	60,160	(67,566)	(8,202)	31,312	23,110	15,704
Central Coal Company	0 \$348,187,872	0	0 \$244,017,825	0 \$5,656,559	0	0	0	0 \$8,130,891	\$ 5,268,788	0 \$9,744,974
Appalachian Power Co SEC	\$348,187,872	\$18,863,548	\$244,017,825	\$5,656,559	\$16,364,799	-\$17,545,172	-\$2,862,103	\$8,130,891	\$5,268,788	\$9,744,974
AEP Texas Central Company - Distribution	\$124,420,503	\$6,637,368	\$87,196,663	\$2,315,183	\$5,864,136	-\$6,269,544	-\$1,064,502	\$2,905,470	\$1,840,968	\$3,750,743
AEP Texas Central Company - Generation	1,486,579	135,884	1,041,828	0	67,423	(74,909)	(14,526)	34,715	20,189	12,703
AEP Texas Central Company - Transmission	11,828,187	658,773	8,289,457	267,157	559,064	(596,022)	(103,312)	276,212	172,900	403,099
AEP Texas Central Co.	\$137,735,269	\$7,432,025	\$96,527,948	\$2,582,340	\$6,490,623	-\$6,940,475	-\$1,182,341	\$3,216,397	\$2,034,056	\$4,166,544
Indiana Michigan Power Co - Distribution	\$88,060,064	\$5,415,691	\$61,714,457	\$1,607,424	\$4,132,075	-\$4,437,343	-\$757,388	\$2,056,380	\$1,298,992	\$2,601,148
Indiana Michigan Power Co - Generation	53,345,055	2,564,650	37,385,404	1.077.170	2,524,852	(2.688.055)	(459,919)	1,245,715	785,796	1.699.763
Indiana Michigan Power Co - Nuclear	88,578,057	3,458,424	62,077,478	3,207,438	4,278,626	(4,463,445)	(805,285)	2,068,477	1,263,192	4,285,811
Indiana Michigan Power Co - Transmission	18,348,677	933,594	12,859,162	334,485	865,535	(924,589)	(171,150)	428,479	257,329	532,760
Ind Mich River Transp Lakin	22,676,680	933,014	15,892,323	725,302	1,089,692	(1,142,677)	(189,357)	529,546	340,189	1,012,506
Indiana Michigan Power Co FERC	\$271,008,533	\$13,305,373	\$189,928,824	\$6,951,819	\$12,890,780	-\$13,656,109	-\$2,383,100	\$6,328,597	\$3,945,497	\$10,131,987
Price River Coal	0	0	0	0	0	0	0	0	0	0
Indiana Michigan Power Co SEC	\$271,008,533	\$13,305,373	\$189,928,824	\$6,951,819	\$12,890,780	-\$13,656,109	-\$2,383,100	\$6,328,597	\$3,945,497	\$10,131,987
Kentucky Power Co - Distribution	\$35,630,260	\$1,631,426	\$24,970,481	\$613,830	\$1,683,297	-\$1,795,407	-\$294,162	\$832,039	\$537,877	\$1,039,597
Kentucky Power Co - Generation	20,973,767	980,758	14,698,884	324,767	988,658	(1,056,867)	(171,034)	489,780	318,746	575,304
Kentucky Power Co - Transmission	4.595.229	165.587	3,220,439	118.314	220.006	(231,553)	(39,363)	107.308	67.945	174,712
Kentucky Power Co.	\$61,199,256	\$2,777,771	\$42,889,804	\$1,056,911	\$2,891,961	-\$3,083,827	-\$504,559	\$1,429,127	\$924,568	\$1,789,613
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Cardinal Operating Company	\$35,010,322	\$1,773,471	\$24,536,014	\$778,969	\$1,658,360	-\$1,764,169	-\$299,478	\$817,562	\$518,084	\$1,191,244
Cook Coal Terminal	1,738,032	73,660	1,218,052	28,243	82,169	(87,579)	(15,516)	40,587	25,071	47,904
Ohio Power Co - Distribution Ohio Power Co - Generation	214,176,373 179,607,908	12,518,816 10,347,380	150,099,579 125,873,228	3,637,469 2,841,829	10,052,285 8,423,463	(10,792,338) (9,050,435)	(1,750,240) (1,487,838)	5,001,451 4,194,208	3,251,211 2,706,370	6,148,627 4,921,227
Ohio Power Co - Generation	34,916,686	1,742,004	24,470,392	570,427	1,644,745	(1,759,450)	(304,794)	815,375	510.581	966,303
Ohio Power Co FERC	\$465.449.321	\$26,455,331	\$326,197,265	\$7,856,937	\$21,861,022	-\$23,453,971	-\$3,857,865	\$10.869.183	\$7,011,318	\$13.275.306
Conesville Coal Preparation Company	1,988,202	103,791	1,393,376	21,256	93,013	(100,185)	(14,962)	46,429	31,467	45,551
Ohio Power Co SEC	\$467,437,523	\$26,559,122	\$327,590,641	\$7,878,193	\$21,954,035	-\$23,554,156	-\$3,872,827	\$10,915,612	\$7,042,785	\$13,320,857
Public Service Co of Oklahoma - Distribution	\$75.847.299	\$3,903,569	\$53,155,479	\$1.745.323	\$3,594,015	-\$3.821.942	-\$662.617	\$1,771,188	\$1.108.571	\$2.625.967
Public Service Co of Oklahoma - Distribution Public Service Co of Oklahoma - Generation	39,787,768	1,675,541	27,884,155	1,024,147	1,899,234	(2,004,904)	(338,793)	929.125	590.332	1.508.809
Public Service Co of Oklahoma - Transmission	9,235,077	464,041	6,472,148	208,378	437,671	(465,355)	(77,486)	215,658	138,172	318,866
Public Service Co. of Oklahoma	\$124,870,144	\$6,043,151	\$87,511,782	\$2,977,848	\$5,930,920	-\$6,292,201	-\$1,078,895	\$2,915,971	\$1,837,076	\$4,453,643
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Southwestern Electric Power Co - Distribution	\$55,692,632	\$2,456,533	\$39,030,639	\$1,386,060	\$2,653,572	-\$2,806,349	-\$164,313	\$1,300,535	\$1,136,222	\$2,369,505
Southwestern Electric Power Co - Generation	54,054,312	2,197,492	37,882,467	1,376,615	2,581,384	(2,723,794)	(466,858)	1,262,277	795,419	2,029,624
Southwestern Electric Power Co - Texas - Distribution Southwestern Electric Power Co - Texas - Transmission	25,707,794	1,154,620 0	18,016,595 0	555,091 0	1,220,383	(1,295,415)	(226,513)	600,329 0	373,816	853,875 0
Southwestern Electric Power Co - Texas - Transmission Southwestern Electric Power Co - Transmission	8,674,287	437.757	6,079,134	172.829	409.962	(437,097)	(75,105)	202.562	127.457	273.151
Southwestern Electric Power Co.	\$144,129,025	\$6,246,402	\$101,008,835	\$3,490,595	\$6,865,301	-\$7,262,655	-\$932,790	\$3,365,703	\$2,432,913	\$5,526,154
AEP Texas North Company - Distribution	\$37,006,823	\$1,706,328	\$25,935,207	\$706,036	\$1,751,306	-\$1,864,772	-\$318,083	\$864,184	\$546,101	\$1,138,671
AEP Texas North Company - Generation	7,251,642	617,511 191.146	5,082,112	0 168.418	329,957 277,227	(365,410)	(67,677)	169,340 134,564	101,663	66,210 238,850
AEP Texas North Company - Transmission AEP Texas North Co.	5,762,398 \$50,020,863	\$2,514,985	4,038,417 \$35,055,736	\$874,454	\$2,358,490	(290,367) - \$2,520,549	(50,992) -\$436,752	\$1,168,088	83,572 \$731,336	\$1,443,731
ALF TEXAS NOTHI CO.	\$30,020,003	\$2,314,303	\$33,033,730	4074,434	\$2,330,430	-\$2,520,545	-9430,732	φ1,100,000	\$731,330	φ1,443,731
Kingsport Power Co - Distribution	\$6,583,501	\$437,645	\$4,613,864	\$108,892	\$307,615	-\$331,742	-\$52,503	\$153,738	\$101,235	\$186,000
Kingsport Power Co - Transmission	1,090,299	51,826	764,106	21,910	51,613	(54,940)	(11,677)	25,461	13,784	32,367
Kingsport Power Co.	\$7,673,800	\$489,471	\$5,377,970	\$130,802	\$359,228	-\$386,682	-\$64,180	\$179,199	\$115,019	\$218,367
Wheeling Power Co - Distribution Wheeling Power Co - Transmission	\$8,921,018 375,087	\$520,129 39,940	\$6,252,048 262,869	\$139,136 0	\$418,148 16,879	-\$449,530 (18,901)	-\$74,230 (2,613)	\$208,324 8,759	\$134,094 6,146	\$241,848 4,124
Wheeling Power Co.	\$9,296,105	\$560,069	\$6,514,917	\$139,136	\$435,027	-\$468,431	-\$76,843	\$217,083	\$140,240	\$245,972
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American Electric Power Service Corporation	\$470,078,902	\$21,419,556	\$329,441,778	\$13,507,332	\$22,467,533	-\$23,687,256	-\$4,547,980	\$10,977,292	\$6,429,312	\$18,716,921
American Electric Power Service Corp	\$470,078,902	\$21,419,556	\$329,441,778	\$13,507,332	\$22,467,533	-\$23,687,256	-\$4,547,980	\$10,977,292	\$6,429,312	\$18,716,921
AEP Pro Serv, Inc.	\$174,451	\$15,860	\$122,259	\$0	\$7,914	-\$8,791	-\$1,133	\$4.074	\$2.941	\$2,064
CSW Energy, Inc.	1,032,663	41,543	723,713	φυ 48,107	\$7,914 50,361	(52,036)	-\$1,133 (9,491)	\$4,074 24,115	14,624	\$2,064 61,056
Elmwood	5,526,344	115,205	3,872,985	356,416	276,727	(278,472)	(43,959)	129,051	85,092	439,763
AEP River Operations LLC	22,455,503	416,699	15,737,317	2,248,941	1,163,679	(1,131,532)	(200,282)	524,381	324,099	2,605,187
Miscellaneous	\$29,188,961	\$589,307	\$20,456,274	\$2,653,464	\$1,498,681	-\$1,470,831	-\$254,865	\$681,621	\$426,756	\$3,108,070
Total	¢2 120 926 252	\$106 900 790	\$1 496 222 224	\$47 900 4F2	\$100 507 279	-\$106,868,344	-\$18,197,236	\$49,525,581	\$31,328,345	\$72 966 922
ı otal	\$2,120,826,253	\$106,800,780	\$1,486,322,334	\$47,899,453	\$100,507,378	-\$100,000,344	-\$10,131,236	\$49,525,381	\$31,320,345	\$72,866,832



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	Accumulated Postretirement	Expected Net Benefit	Fair Value	Service	Interest	Expected Return on	Amortiza	tions	Net	Net Periodic Postretirement
Location	Benefit Obligation	Payments	of Assets	Cost	Cost	Assets	PSC	(G)/L	Amortization	Benefit Cost
	g	,						(-)-		Postretirement
Appalachian Power Co - Distribution	\$176,728,703	\$10,040,676	\$128,164,077	\$2,862,405	\$8,294,878	-\$9,188,842	-\$1,408,178	\$3,634,762	\$2,226,584	\$4,195,025
Appalachian Power Co - Generation	148,560,724	8,322,275	107,736,591	2,666,080	6,987,912	(7,724,274)	(1,228,791)	3,055,434	1,826,643	3,756,361
Appalachian Power Co - Transmission	24,805,676	1,100,761	17,989,135	410,902	1,171,948	(1,289,748)	(216,933)	510,176 \$7,200,372	293,243	586,345
Appalachian Power Co FERC Cedar Coal Co	\$350,095,103 1,250,579	\$19,463,712 149,609	\$253,889,803 906,923	\$5,939,387	\$16,454,738 55,891	-\$18,202,864 (65,023)	-\$2,853,901 (8,202)	\$7, 200,372 25,721	\$4,346,471 17,519	\$8,537,732 8,387
Central Coal Company	1,230,379	149,009	0 00,923	0	00,091	(05,025)	(0,202)	25,721	17,519	0,307
Appalachian Power Co SEC	\$351,345,682	\$19,613,321	\$254,796,726	\$5,939,387	\$16,510,629	-\$18,267,887	-\$2,862,103	\$7,226,093	\$4,363,990	\$8,546,119
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AEP Texas Central Company - Distribution	\$125,962,454	\$6,705,138	\$91,348,272	\$2,430,942	\$5,941,287	-\$6,549,299	-\$1,064,502	\$2,590,658	\$1,526,156	\$3,349,086
AEP Texas Central Company - Generation	1,418,118	110,212	1,028,423	0	64,773	(73,734)	(14,526)	29,166	14,640	5,679
AEP Texas Central Company - Transmission AEP Texas Central Co.	11,995,635 \$139,376,207	611,054 \$7,426,404	8,699,263 \$101,075,958	280,515 \$2,711,457	568,773 \$6,574,833	(623,702) - \$7,246,735	(103,312) - \$1,182,341	246,713 \$2,866,537	143,401 \$1,684,196	368,987 \$3,723,751
AEF Texas Central Co.	\$139,376,207	\$7,420,404	\$101,075,956	\$2,711,437	\$0,574,033	-\$1,240,133	-\$1,102,341	\$2,000,537	\$1,004,190	\$3,723,731
Indiana Michigan Power Co - Distribution	\$88,383,872	\$5,516,818	\$64,096,195	\$1,687,795	\$4,148,900	-\$4,595,436	-\$757,388	\$1,817,783	\$1,060,395	\$2,301,654
Indiana Michigan Power Co - Generation	54,382,427	2,684,394	39,438,266	1,131,029	2,573,874	(2,827,563)	(459,919)	1,118,478	658,559	1,535,899
Indiana Michigan Power Co - Nuclear	92,605,697	3,729,982	67,157,872	3,367,810	4,471,182	(4,814,946)	(805,285)	1,904,612	1,099,327	4,123,373
Indiana Michigan Power Co - Transmission	18,615,103	945,849	13,499,717	351,209	878,697	(967,875)	(171,150)	382,855	211,705	473,736
Ind Mich River Transp Lakin	23,558,660	1,012,398	17,084,796	761,567	1,131,445	(1,224,910)	(189,357)	484,529	295,172	963,274
Indiana Michigan Power Co FERC Price River Coal	\$277,545,759 0	\$13,889,441	\$201,276,846 0	\$7,299,410	\$13,204,098	-\$14,430,730	-\$2,383,100	\$5,708,257	\$3,325,157	\$9,397,935
Indiana Michigan Power Co SEC	\$277,545,759	\$13,889,441	\$201,276,846	\$7,299,410	\$13,204,098	-\$14,430,730	-\$2,383,100	\$5,708,257	\$3,325,157	\$9,397,935
Kentucky Power Co - Distribution	\$36,295,961	\$1,693,698	\$26,321,917	\$644,522	\$1,714,914	-\$1,887,174	-\$294,162	\$746,496	\$452,334	\$924,596
Kentucky Power Co - Generation	21,306,434	1,039,479	15,451,477	341,005	1,003,852	(1,107,808)	(171,034)	438,207	267,173	504,222
Kentucky Power Co - Transmission	4,767,962	177,726	3,457,737	124,230	228,207	(247,906)	(39,363)	98,062	58,699	163,230
Kentucky Power Co.	\$62,370,357	\$2,910,903	\$45,231,131	\$1,109,757	\$2,946,973	-\$3,242,888	-\$504,559	\$1,282,765	\$778,206	\$1,592,048
Cardinal Operating Company	\$35,674,180	\$1,854,238	\$25,871,000	\$817,917	\$1,689,847	-\$1,854,845	-\$299,478	\$733,707	\$434,229	\$1,087,148
Cook Coal Terminal	1,774,784	70,322	1,287,078	29,655	84,060	(92,278)	(15,516)	36,502	20,986	42,423
Ohio Power Co - Distribution	215,347,311	12,685,570	156,170,384	3,819,342	10,112,629	(11,196,780)	(1,750,240)	4,429,028	2,678,788	5,413,979
Ohio Power Co - Generation	180,525,820	10,461,106	130,917,755	2,983,921	8,471,144	(9,386,269)	(1,487,838)	3,712,857	2,225,019	4,293,815
Ohio Power Co - Transmission	35,389,854	1,775,393	25,664,807	598,949	1,667,792	(1,840,062)	(304,794)	727,860	423,066	849,745
Ohio Power Co FERC Conesville Coal Preparation Company	\$468,711,949 1,998,680	\$26,846,629 116,780	\$339,911,024 1,449,448	\$8,249,784 22,319	\$22,025,472 93,256	-\$24,370,234 (103,920)	-\$3,857,865 (14,962)	\$9,639,954 41,107	\$5,782,089 26,145	\$11,687,111 37,800
Ohio Power Co SEC	\$470,710,629	\$26,963,409	\$341,360,472	\$8,272,103	\$22,118,728	-\$24,474,154	-\$3,872,827	\$9,681,061	\$5,808,234	\$11, 724,911
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Public Service Co of Oklahoma - Distribution	\$77,283,068	\$3,911,850	\$56,045,865	\$1,832,589	\$3,666,165	-\$4,018,260	-\$662,617	\$1,589,473	\$926,856	\$2,407,350
Public Service Co of Oklahoma - Generation	41,035,608	1,823,245	29,759,121	1,075,354	1,957,471	(2,133,608)	(338,793)	843,975	505,182	1,404,399
Public Service Co of Oklahoma - Transmission Public Service Co. of Oklahoma	9,417,085 \$127,735,761	514,497 \$6,249,592	6,829,293 \$92,634,279	218,797 \$3,126,740	445,627 \$6,069,263	(489,632) - \$6,641,500	(77,486) - \$1,078,895	193,680 \$2,627,128	116,194 \$1,548,233	290,986 \$4,102,736
Public Service Co. of Oktaholila	φ121,133,101	\$0,249,332	\$92,034,2 <i>13</i>	\$3,120,740	φ0,009,203	-90,041,500	-\$1,070,033	\$2,027,120	\$1,540,255	φ4,102,730
Southwestern Electric Power Co - Distribution	\$57,275,731	\$2,588,029	\$41,536,497	\$1,455,363	\$2,728,974	-\$2,977,998	-\$164,313	\$1,177,984	\$1,013,671	\$2,220,010
Southwestern Electric Power Co - Generation	55,814,819	2,388,115	40,477,040	1,445,446	2,663,803	(2,902,039)	(466,858)	1,147,938	681,080	1,888,290
Southwestern Electric Power Co - Texas - Distribution	26,328,648	1,229,184	19,093,598	582,846	1,249,442	(1,368,933)	(226,513)	541,499	314,986	778,341
Southwestern Electric Power Co - Texas - Transmission		0	0	0	0	0	0	0	0	0
Southwestern Electric Power Co - Transmission	8,819,321	476,104	6,395,793	181,470	416,361	(458,552)	(75,105)	181,386	106,281	245,560
Southwestern Electric Power Co.	\$148,238,519	\$6,681,432	\$107,502,928	\$3,665,125	\$7,058,580	-\$7,707,522	-\$932,790	\$3,048,807	\$2,116,017	\$5,132,200
AEP Texas North Company - Distribution	\$37,757,837	\$1,824,942	\$27,382,073	\$741,338	\$1,785,871	-\$1,963,183	-\$318,083	\$776,562	\$458,479	\$1,022,505
AEP Texas North Company - Generation	6,964,088	593,974	5,050,373	0	316,851	(362,091)	(67,677)	143,230	75,553	30,313
AEP Texas North Company - Transmission	6,016,897	219,735	4,363,468	176,839	289,044	(312,843)	(50,992)	123,749	72,757	225,797
AEP Texas North Co.	\$50,738,822	\$2,638,651	\$36,795,914	\$918,177	\$2,391,766	-\$2,638,117	-\$436,752	\$1,043,541	\$606,789	\$1,278,615
Kingsport Power Co - Distribution	\$6,562,363	\$401,266	\$4,759,041	\$114,337	\$307,724	-\$341,204	-\$52,503	\$134,967	\$82,464	\$163,321
Kingsport Power Co - Transmission	1.111.996	53,201	806.422	23.006	52,664	(57,817)	(11,677)	22.870	11,193	29.046
Kingsport Power Co.	\$7,674,359	\$454,467	\$5,565,463	\$137,343	\$360,388	-\$399,021	-\$64,180	\$157,837	\$93,657	\$192,367
Wheeling Power Co - Distribution	\$8,958,173	\$520,747	\$6,496,488	\$146,093	\$420,228	-\$465,772	-\$74,230	\$184,242	\$110,012	\$210,561
Wheeling Power Co - Transmission Wheeling Power Co.	352,026 \$9,310,199	40,283 \$561,030	255,290 \$6,751,778	0 \$146,093	15,776 \$436.004	(18,303) -\$484,075	(2,613) -\$76,843	7,240 \$191,482	4,627 \$114,639	2,100 \$212,661
Wheeling Fower Co.	\$9,510,199	\$361,030	\$6,751,776	\$140,093	\$430,004	-\$404,075	-\$70,043	\$191,402	\$114,639	\$212,001
American Electric Power Service Corporation	\$484,634,208	\$22,397,130	\$351,457,887	\$14,182,700	\$23,168,043	-\$25,198,097	-\$4,547,980	\$9,967,430	\$5,419,450	\$17,572,096
American Electric Power Service Corp	\$484,634,208	\$22,397,130	\$351,457,887	\$14,182,700	\$23,168,043	-\$25,198,097	-\$4,547,980	\$9,967,430	\$5,419,450	\$17,572,096
AED Dro Conv. Inc.	\$400 FCF	640.004	¢400.750	60	67 540	60.057	64.400	60.404	60.00	64 447
AEP Pro Serv, Inc. CSW Energy, Inc.	\$166,505 1,089,588	\$16,864 45,833	\$120,750 790,172	\$0 50,512	\$7,513 53,079	-\$8,657 (56,652)	-\$1,133 (9,491)	\$3,424 22,409	\$2,291 12,918	\$1,147 59,857
Elmwood	6,044,282	45,833 149.036	4,383,328	374,237	301,381	(314,267)	(43,959)	124,312	80,353	59,857 441,704
AEP River Operations LLC	25,451,424	550,454	18,457,433	2,361,388	1,308,187	(1,323,323)	(200,282)	523,457	323,175	2,669,427
Miscellaneous	\$32,751,799	\$762,187	\$23,751,683	\$2,786,137	\$1,670,160	-\$1,702,899	-\$254,865	\$673,602	\$418,737	\$3,172,135
Total	\$0.460.400.0C1	\$440 F47 007	\$4 ECO 004 007	\$E0 204 420	\$400 F00 40F	\$440 400 COF	\$49.40 7 .000	644 474 540	¢26 077 001	¢cc c 17 F70
Total	\$2,162,432,301	\$110,547,967	\$1,568,201,065	\$50,294,429	\$102,509,465	-\$112,433,625	-\$18,197,236	\$44,474,540	\$26,277,304	\$66,647,573



American Electric Power Non-UMWA Postretirement Welfare Plan 2015 Net Periodic Postretirement Benefit Cost Reflects Effect of Medicare Part D

	Accumulated Postretirement	Expected Net Benefit	Fair Value	Service	Interest	Expected Return on	Amortizat	ions	Net	Net Periodic Postretirement
Location	Benefit Obligation	Payments	of Assets	Cost	Cost	Assets	PSC	(G)/L	Amortization	Benefit Cost
Appalachian Power Co - Distribution	\$177,845,310	\$10,378,645	\$132,715,591	\$3,005,525	\$8,346,781	-\$9,468,378	-\$1,408,178	\$3,215,524	\$1,807,346	\$3,691,274
Appalachian Power Co - Generation	149,892,441	8,616,329	111,855,994	2,799,384	7,050,598	(7,980,184)	(1,228,791)	2,710,123	1,481,332	3,351,130
Appalachian Power Co - Transmission	25,287,765	1,106,796	18,870,785	431,447	1,195,681	(1,346,305)	(216,933)	457,214	240,281	521,104
Appalachian Power Co FERC	\$353,025,516	\$20,101,770	\$263,442,370	\$6,236,356	\$16,593,060	-\$18,794,867	-\$2,853,901	\$6,382,861	\$3,528,960	\$7,563,509
Cedar Coal Co	1,156,861	146,782	863,298	0	51,505	(61,591)	(8,202)	20,917	12,715	2,629
Central Coal Company Appalachian Power Co SEC	0 \$354,182,377	0 \$20,248,552	0 \$264,305,668	0 \$6,236,356	0 \$16,644,565	0 -\$18,856,458	0 -\$2,862,103	0 \$6,403,778	0 \$3,541,675	0 \$7,566,138
Appaiachian Power Co SEC	\$354,162,3 <i>11</i>	\$20,240,552	\$204,303,000	\$6,236,336	\$10,044,505	-\$10,030,430	-\$2,002,103	\$6,403,776	\$3,541,675	
AEP Texas Central Company - Distribution	\$127,629,545	\$6,894,170	\$95,242,492	\$2,552,489	\$6,021,810	-\$6,794,921	-\$1,064,502	\$2,307,600	\$1,243,098	\$3,022,476
AEP Texas Central Company - Generation	1,372,679	90,846	1,024,350	0	63,070	(73,081)	(14,526)	24,819	10,293	282
AEP Texas Central Company - Transmission AEP Texas Central Co.	12,233,869 \$141,236,093	625,509 \$7,610,525	9,129,424 \$105,396,266	294,541 \$2,847,030	580,416 \$6,665,296	(651,324) -\$7,519,326	(103,312) - \$1,182,341	221,194 \$2,553,613	117,882 \$1,371,272	341,515 \$3,364,272
ALF Texas central co.	\$141,230,033	\$7,010,323	\$103,390,200	\$2,047,030	\$0,003,230	-\$7,519,520	-\$1,102,341	\$2,555,015	φ1,3/1,2/2	\$3,304,Z1Z
Indiana Michigan Power Co - Distribution	\$88,703,749	\$5,669,969	\$66,194,439	\$1,772,185	\$4,164,507	-\$4,722,535	-\$757,388	\$1,603,804	\$846,416	\$2,060,573
Indiana Michigan Power Co - Generation	55,402,936	2,850,857	41,343,983	1,187,580 3,536,201	2,621,127	(2,949,619)	(459,919)	1,001,710 1,748,646	541,791 943,361	1,400,879
Indiana Michigan Power Co - Nuclear Indiana Michigan Power Co - Transmission	96,714,707 18,899,160	4,080,151 963,646	72,172,550 14,103,342	3,536,201	4,666,139 892,606	(5,149,033) (1,006,180)	(805,285) (171,150)	341,705	170,555	3,996,668 425,750
Ind Mich River Transp Lakin	24.439.274	1.110.104	18,237,606	799.645	1,172,790	(1,301,132)	(189,357)	441,873	252,516	923.819
Indiana Michigan Power Co FERC	\$284,159,826	\$14,674,727	\$212,051,920	\$7,664,380	\$13,517,169	-\$15,128,499	-\$2,383,100	\$5,137,738	\$2,754,638	\$8,807,688
Price River Coal	0	0	0	0	0	0	0	0	0	0
Indiana Michigan Power Co SEC	\$284,159,826	\$14,674,727	\$212,051,920	\$7,664,380	\$13,517,169	-\$15,128,499	-\$2,383,100	\$5,137,738	\$2,754,638	\$8,807,688
Kentucky Power Co - Distribution	\$36,961,699	\$1,798,269	\$27,582,362	\$676,748	\$1,745,613	-\$1,967,819	-\$294,162	\$668,284	\$374,122	\$828,664
Kentucky Power Co - Generation	21,611,812	1,111,242	16,127,636	358,055	1,017,483	(1,150,600)	(171,034)	390,751	219,717	444,655
Kentucky Power Co - Transmission	4,942,673	198,921	3,688,429	130,442	236,303	(263,145)	(39,363)	89,366	50,003	153,603
Kentucky Power Co.	\$63,516,184	\$3,108,432	\$47,398,427	\$1,165,245	\$2,999,399	-\$3,381,564	-\$504,559	\$1,148,401	\$643,842	\$1,426,922
Cardinal Operating Company	\$36,327,706	\$1,912,604	\$27,109,250	\$858,813	\$1,721,462	-\$1,934,065	-\$299,478	\$656,821	\$357,343	\$1,003,553
Cook Coal Terminal	1,818,177	84,429	1,356,800	31,138	85,861	(96,799)	(15,516)	32,873	17,357	37,557
Ohio Power Co - Distribution	216,593,712	12,908,303	161,631,265	4,010,309	10,175,676	(11,531,320)	(1,750,240)	3,916,113	2,165,873	4,820,538
Ohio Power Co - Generation Ohio Power Co - Transmission	181,519,779 35,881,202	10,691,083 1,906,759	135,457,633 26,776,050	3,133,117 628,896	8,520,045 1,689,470	(9,664,004) (1,910,294)	(1,487,838) (304,794)	3,281,960 648,748	1,794,122 343,954	3,783,280 752,026
Ohio Power Co FERC	\$472,140,576	\$27,503,178	\$352,330,998	\$8,662,273	\$22,192,514	-\$25,136,482	-\$3,857,865	\$8,536,515	\$4,678,650	\$10,396,955
Conesville Coal Preparation Company	1,997,475	128,658	1,490,599	23,435	92,973	(106,344)	(14,962)	36,115	21,153	31,217
Ohio Power Co SEC	\$474,138,051	\$27,631,836	\$353,821,597	\$8,685,708	\$22,285,487	-\$25,242,826	-\$3,872,827	\$8,572,630	\$4,699,803	\$10,428,172
Public Service Co of Oklahoma - Distribution	\$78,869,972	\$4,132,437	\$58,856,064	\$1,924,218	\$3,740,717	-\$4,198,990	-\$662,617	\$1,426,005	\$763,388	\$2,229,333
Public Service Co of Oklahoma - Generation	42,245,188	1,969,322	31,525,122	1,129,122	2,014,051	(2,249,109)	(338,793)	763,812	425,019	1,319,083
Public Service Co of Oklahoma - Transmission	9,567,012	495,714	7,139,304	229,737	453,709	(509,342)	(77,486)	172,976	95,490	269,594
Public Service Co. of Oklahoma	\$130,682,172	\$6,597,473	\$97,520,490	\$3,283,077	\$6,208,477	-\$6,957,441	-\$1,078,895	\$2,362,793	\$1,283,898	\$3,818,011
Southwestern Electric Power Co - Distribution	\$58,872,039	\$2,693,698	\$43,932,772	\$1,528,131	\$2,805,775	-\$3,134,312	-\$164,313	\$1,064,433	\$900,120	\$2,099,714
Southwestern Electric Power Co - Generation	57,535,953	2,568,472	42,935,729	1,517,718	2,744,756	(3,063,180)	(466,858)	1,040,276	573,418	1,772,712
Southwestern Electric Power Co - Texas - Distribution Southwestern Electric Power Co - Texas - Transmission	26,931,752	1,280,772	20,097,597	611,988 0	1,278,262	(1,433,830)	(226,513)	486,938 0	260,425	716,845 0
Southwestern Electric Power Co - Texas - Transmission Southwestern Electric Power Co - Transmission	8,941,048	453,917	6,672,183	190.544	0 423,095	(476,016)	(75,105)	161,658	86,553	224.176
Southwestern Electric Power Co.	\$152,280,792	\$6,996,859	\$113,638,281	\$3,848,381	\$7,251,888	-\$8,107,338	-\$932,790	\$2,753,305	\$1,820,515	\$4,813,446
AEP Texas North Company - Distribution	\$38,460,104	\$1,915,684	\$28,700,534	\$778,405	\$1,818,860	-\$2,047,593	-\$318,083	\$695,376	\$377,293	\$926,965
AEP Texas North Company - Distribution AEP Texas North Company - Generation	6,686,965	566,249	4,990,092	\$776,405 0	304,338	(356,010)	(67,677)	120,903	53,226	1,554
AEP Texas North Company - Transmission	6,263,045	252,999	4,673,746	185,681	300,375	(333,441)	(50,992)	113,239	62,247	214,862
AEP Texas North Co.	\$51,410,114	\$2,734,932	\$38,364,372	\$964,086	\$2,423,573	-\$2,737,044	-\$436,752	\$929,518	\$492,766	\$1,143,381
Kingsport Power Co - Distribution	\$6,583,158	\$394,068	\$4,912,627	\$120,054	\$309,152	-\$350,483	-\$52,503	\$119,026	\$66,523	\$145,246
Kingsport Power Co - Transmission	1.134.465	55.410	846.585	24.156	53.734	(60.398)	(11.677)	20,512	8,835	26.327
Kingsport Power Co.	\$7,717,623	\$449,478	\$5,759,212	\$144,210	\$362,886	-\$410,881	-\$64,180	\$139,538	\$75,358	\$171,573
Wheeling Power Co - Distribution	\$9,003,747	\$540,545	\$6,718,972	\$153,398	\$422,275	-\$479,354	-\$74,230	\$162,792	\$88,562	\$184,881
Wheeling Power Co - Distribution Wheeling Power Co - Transmission	327.519	40,086	244,408	φ155,596 0	14.616	(17,437)	-974,230 (2.613)	5,922	3,309	488
Wheeling Power Co.	\$9,331,266	\$580,631	\$6,963,380	\$153,398	\$436,891	-\$496,791	-\$76,843	\$168,714	\$91,871	\$185,369
American Electric Power Service Corporation	\$499.587.821	\$23.534.402	\$372,813,276	\$14.891.833	\$23.885.323	-\$26,597,757	-\$4,547,980	\$9.032.772	\$4,484,792	\$16.664.191
American Electric Power Service Corp	\$499,587,821	\$23,534,402	\$372,813,276	\$14,891,833	\$23,885,323	-\$26,597,757	-\$4,547,980	\$9,032,772	\$4,484,792	\$16,664,191
AEP Pro Serv, Inc.	\$157,154	\$20,609	\$117,275	\$0	\$6,981	-\$8,367	-\$1,133	\$2,841	\$1,708	\$322
CSW Energy, Inc.	1,147,346	32,342	856,197	53,038	56,259	(61,084)	(9,491)	20,745	11,254	59,467
Elmwood	6,570,864	161,370	4,903,453	392,949	326,993	(349,829)	(43,959)	118,804	74,845	444,958
AEP River Operations LLC	28,570,545	674,537	21,320,533	2,479,457	1,459,041	(1,521,079)	(200,282)	516,568	316,286	2,733,705
Miscellaneous	\$36,445,909	\$888,858	\$27,197,458	\$2,925,444	\$1,849,274	-\$1,940,359	-\$254,865	\$658,958	\$404,093	\$3,238,452
Total	\$2,204,688,228	\$115,056,705	\$1,645,230,347	\$52,809,148	\$104,530,228	-\$117,376,284	-\$18,197,236	\$39,861,758	\$21,664,522	\$61,627,614



American Electric Power Non-UMWA Postretirement Welfare Plan 2016 Net Periodic Postretirement Benefit Cost Reflects Effect of Medicare Part D

	Accumulated	Expected Net				Expected				Net Periodic
	Postretirement	Benefit	Fair Value	Service	Interest	Return on	Amortizat		Net	Postretirement
Location	Benefit Obligation	Payments	of Assets	Cost	Cost	Assets	PSC	(G)/L	Amortization	Benefit Cost
Appalachian Power Co - Distribution	\$178,818,971	\$10,765,479	\$136,020,173	\$3,155,801	\$8,391,088	-\$9,684,189	-\$1,408,178	\$2,889,311	\$1,481,133	\$3,343,833
Appalachian Power Co - Generation	151,126,094	8,893,175	114,955,350	2,939,353	7,109,346	(8,184,443)	(1,228,791)	2,441,857	1,213,066	3,077,322
Appalachian Power Co - Transmission	25,808,097	1,202,459	19,631,149	453,019	1,219,176	(1,397,673)	(216,933)	417,001	200,068	474,590
Appalachian Power Co FERC	\$355,753,162	\$20,861,113	\$270,606,672	\$6,548,173	\$16,719,610	-\$19,266,305 (57,403)	-\$2,853,901	\$5,748,169	\$2,894,268	\$6,895,746
Cedar Coal Co Central Coal Company	1,061,584	142,832 0	807,503 0	0	47,072 0	(57,492) 0	(8,202)	17,153 0	8,951 0	(1,469)
Appalachian Power Co SEC	\$356,814,746	\$21,003,945	\$271,414,175	\$6,548,173	\$16,766,682	-\$19,323,797	-\$2,862,103	\$5,765,322	\$2,903,219	\$6,894,277
AEP Texas Central Company - Distribution	\$129,309,674	\$7,144,998	\$98,360,504	\$2,680,113	\$6,101,790	-\$7,002,944	-\$1,064,502	\$2,089,353	\$1,024,851	\$2,803,810
AEP Texas Central Company - Generation	1,344,903	96,820	1,023,012	0	61,610	(72,835)	(14,526)	21,731	7,205	(4,020)
AEP Texas Central Company - Transmission AEP Texas Central Co.	12,483,317 \$143,137,894	643,081 \$7,884,899	9,495,541 \$108,879,057	309,268 \$2,989,381	592,552 \$6,755,952	(676,051) -\$7,751,830	(103,312) - \$1,182,341	201,702 \$2,312,786	98,390 \$1,130,445	324,159 \$3,123,948
ALF Texas central co.	\$143,137,094	φ1,004,033	\$100,079,037	\$2,909,301	φ0,733,33 <u>2</u>	-97,751,030	-φ1,102,341	φ2,312,700	φ1,130,443	φ3,123,940
Indiana Michigan Power Co - Distribution	\$88,970,472	\$5,827,342	\$67,676,147	\$1,860,794	\$4,177,691	-\$4,818,319	-\$757,388	\$1,437,562	\$680,174	\$1,900,340
Indiana Michigan Power Co - Generation	56,360,786	3,061,061	42,871,312	1,246,959	2,664,511	(3,052,296)	(459,919)	910,663	450,744	1,309,918
Indiana Michigan Power Co - Nuclear	100,836,896	4,547,721	76,702,443	3,713,011	4,859,365	(5,460,962)	(805,285)	1,629,297	824,012	3,935,426
Indiana Michigan Power Co - Transmission Ind Mich River Transp Lakin	19,196,889 25,301,605	996,322 1,209,998	14,602,277 19,245,881	387,207 839,627	906,856 1,213,304	(1,039,634) (1,370,243)	(171,150) (189,357)	310,178 408,817	139,028 219,460	393,457 902,148
Indiana Michigan Power Co FERC	\$290,666,648	\$15,642,444	\$221,098,060	\$8,047,598	\$13,821,727	-\$15,741,454	-\$2,383,100	\$4,696,517	\$2,313,417	\$8,441,288
Price River Coal	0	0	0	0	0	0	0	0	0	0
Indiana Michigan Power Co SEC	\$290,666,648	\$15,642,444	\$221,098,060	\$8,047,598	\$13,821,727	-\$15,741,454	-\$2,383,100	\$4,696,517	\$2,313,417	\$8,441,288
Kentucky Rower Co. Distribution	\$27 E9E 704	¢4 040 E69	\$20 E00 0E2	\$740 E9E	¢4 774 047	\$2.02E E44	¢204.162	\$607.202	\$242.440	\$760 004
Kentucky Power Co - Distribution Kentucky Power Co - Generation	\$37,585,791 21,876,108	\$1,919,568 1,211,519	\$28,589,952 16,640,248	\$710,585 375,958	\$1,774,017 1,028,533	-\$2,035,511 (1,184,731)	-\$294,162 (171,034)	\$607,302 353,469	\$313,140 182,435	\$762,231 402,195
Kentucky Power Co - Transmission	5,110,497	202,742	3,887,343	136,964	244,495	(276,766)	(39,363)	82,574	43,211	147,904
Kentucky Power Co.	\$64,572,396	\$3,333,829	\$49,117,543	\$1,223,507	\$3,047,045	-\$3,497,008	-\$504,559	\$1,043,345	\$538,786	\$1,312,330
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Cardinal Operating Company	\$36,995,377	\$2,063,921	\$28,140,848	\$901,754	\$1,751,664	-\$2,003,536	-\$299,478	\$597,762	\$298,284	\$948,166
Cook Coal Terminal	1,850,747	102,813	1,407,786	32,695	87,050	(100,230)	(15,516)	29,904	14,388	33,903
Ohio Power Co - Distribution Ohio Power Co - Generation	217,871,394 182,481,858	13,248,081 11,192,601	165,725,731 138.806.379	4,210,825 3,289,773	10,237,914 8,561,412	(11,799,127) (9,882,558)	(1,750,240) (1,487,838)	3,520,311 2,948,495	1,770,071 1,460,657	4,419,683 3,429,284
Ohio Power Co - Transmission	36,292,809	1.904.922	27.606.434	660,341	1.710.558	(1,965,487)	(304,794)	586.410	281.616	687.028
Ohio Power Co FERC	\$475,492,185	\$28,512,338	\$361,687,178	\$9,095,388	\$22,348,598	-\$25,750,938	-\$3,857,865	\$7,682,882	\$3,825,017	\$9,518,065
Conesville Coal Preparation Company	1,985,225	123,144	1,510,078	24,607	92,576	(107,513)	(14,962)	32,077	17,115	26,785
Ohio Power Co SEC	\$477,477,410	\$28,635,482	\$363,197,256	\$9,119,995	\$22,441,174	-\$25,858,451	-\$3,872,827	\$7,714,959	\$3,842,132	\$9,544,850
Public Service Co of Oklahoma - Distribution	\$80,402,470	\$4.317.135	\$61,158,823	\$2,020,429	\$3.813.745	-\$4.354.307	-\$662.617	\$1,299,123	\$636,506	\$2,116,373
Public Service Co of Oklahoma - Generation	43,419,039	2,141,730	33,027,062	1,185,578	2,068,443	(2,351,418)	(338,793)	701,554	362,761	1,265,364
Public Service Co of Oklahoma - Transmission	9,754,744	537,041	7,420,029	241,224	462,202	(528,282)	(77,486)	157,615	80,129	255,273
Public Service Co. of Oklahoma	\$133,576,253	\$6,995,906	\$101,605,914	\$3,447,231	\$6,344,390	-\$7,234,007	-\$1,078,895	\$2,158,292	\$1,079,397	\$3,637,011
Southwestern Electric Power Co - Distribution	\$60,512,247	\$2,791,141	\$46,029,156	\$1,604,538	\$2,885,027	-\$3,277,124	-\$164,313	\$977,741	\$813,428	\$2,025,869
Southwestern Electric Power Co - Distribution	59,229,955	2,815,988	45,053,770	1,593,604	2,823,015	(3,207,680)	(466,858)	957,022	490,164	1,699,103
Southwestern Electric Power Co - Texas - Distribution	27,541,230	1,362,850	20,949,471	642,587	1,306,739	(1,491,533)	(226,513)	445,004	218,491	676,284
Southwestern Electric Power Co - Texas - Transmission		0	0	0	0	0	0	0	0	0
Southwestern Electric Power Co - Transmission	9,100,770	476,031	6,922,578	200,071	430,615	(492,865)	(75,105)	147,048	71,943	209,764
Southwestern Electric Power Co.	\$156,384,202	\$7,446,010	\$118,954,975	\$4,040,800	\$7,445,396	-\$8,469,202	-\$932,790	\$2,526,815	\$1,594,025	\$4,611,019
AEP Texas North Company - Distribution	\$39,141,685	\$2,048,276	\$29,773,456	\$817,325	\$1,849,971	-\$2,119,772	-\$318,083	\$632,441	\$314,358	\$861,882
AEP Texas North Company - Generation	6,425,054	577,289	4,887,272	0	291,639	(347,958)	(67,677)	103,814	36,137	(20,182)
AEP Texas North Company - Transmission	6,496,102	294,865	4,941,315	194,965	310,904	(351,805)	(50,992)	104,962	53,970	208,034
AEP Texas North Co.	\$52,062,841	\$2,920,430	\$39,602,043	\$1,012,290	\$2,452,514	-\$2,819,535	-\$436,752	\$841,217	\$404,465	\$1,049,734
Kingsport Power Co - Distribution	\$6,618,296	\$404,154	\$5,034,263	\$126,057	\$310,869	-\$358,423	-\$52,503	\$106,937	\$54,434	\$132,937
Kingsport Power Co - Distribution Kingsport Power Co - Transmission	1,156,945	66,230	880,040	25.364	54,605	(62,656)	(11,677)	18,694	7.017	24,330
Kingsport Power Co.	\$7,775,241	\$470,384	\$5,914,303	\$151,421	\$365,474	-\$421,079	-\$64,180	\$125,631	\$61,451	\$157,267
Wheeling Power Co - Distribution	\$9,038,875	\$563,326	\$6,875,497	\$161,068	\$423,774	-\$489,513	-\$74,230	\$146,048	\$71,818	\$167,147
Wheeling Power Co - Transmission Wheeling Power Co.	302,049 \$9,340,924	39,411 \$602,737	229,756 \$7,105,253	0 \$161,068	13,422 \$437,196	(16,358) -\$505,871	(2,613) -\$76,843	4,880 \$150,928	2,267 \$74,085	(669) \$166,478
Wilesing Fower Co.	\$3,340,324	φ002,737	\$1,103,233	\$101,000	\$437,130	-\$303,071	-\$10,043	\$130,920	\$74,003	\$100,470
American Electric Power Service Corporation	\$514,830,575	\$24,999,788	\$391,610,260	\$15,636,425	\$24,610,327	-\$27,881,358	-\$4,547,980	\$8,318,499	\$3,770,519	\$16,135,913
American Electric Power Service Corp	\$514,830,575	\$24,999,788	\$391,610,260	\$15,636,425	\$24,610,327	-\$27,881,358	-\$4,547,980	\$8,318,499	\$3,770,519	\$16,135,913
AEP Pro Serv, Inc.	\$143,526	\$21,779	\$109,174	\$0	\$6,306	-\$7,773	-\$1,133	\$2,319	\$1,186	-\$281
CSW Energy, Inc.	1.224.301	30.398	931.275	\$0 55.690	\$6,306 60.086	-\$7,773 (66,304)	-\$1,133 (9,491)	19.782	10.291	-\$281 59.763
Elmwood	7,129,436	202,966	5,423,066	412,596	353,482	(386,104)	(43,959)	115,196	71,237	451,211
AEP River Operations LLC	31,834,506	749,585	24,215,188	2,603,430	1,618,206	(1,724,042)	(200,282)	514,374	314,092	2,811,686
Miscellaneous	\$40,331,769	\$1,004,728	\$30,678,703	\$3,071,716	\$2,038,080	-\$2,184,223	-\$254,865	\$651,671	\$396,806	\$3,322,379
Total	\$2,246,970,899	\$120,940,582	\$1,709,177,542	\$55,449,605	\$106,525,957	-\$121,687,815	-\$18,197,236	\$36,305,982	\$18,108,746	\$58,396,493
TOTAL	φ ∠,∠4 0,970,899	φ120,940,582	φ1,/U9,1//,542	φ 3 0,449,005	\$100,020,95 <i>f</i>	-\$121,087,815	-\$18,191,236	\$30,303,982	\$18,108,746	\$38,396,493



American Electric Power Non-UMWA Postretirement Welfare Plan 2017 Net Periodic Postretirement Benefit Cost Reflects Effect of Medicare Part D

	Accumulated Postretirement	Expected Net Benefit	Fair Value	Service	Interest	Expected Return on	Amortizat		Net	Net Periodic Postretirement
Location	Benefit Obligation	Payments	of Assets	Cost	Cost	Assets	PSC	(G)/L	Amortization	Benefit Cost
Appalachian Power Co - Distribution	\$179,600,381	\$11,021,155	\$138,806,974	\$3,313,591	\$8,429,698	-\$9,866,993	-\$1,408,178	\$2,594,075	\$1,185,897	\$3,062,193
Appalachian Power Co - Generation Appalachian Power Co - Transmission	152,281,618 26,277,833	9,228,614 1,297,509	117,693,239 20,309,236	3,086,321 475,670	7,163,340 1,240,333	(8,366,139) (1,443,667)	(1,228,791) (216,933)	2,199,494 379,546	970,703 162,613	2,854,225 434,949
Appalachian Power Co FERC	\$358,159,832	\$21,547,278	\$276,809,449	\$6,875,582	\$16,833,371	-\$19,676,799	-\$2,853,901	\$5,173,115	\$2,319,214	\$6,351,368
Cedar Coal Co	965,824	129,543	746,452	0	42,836	(53,061)	(8,202)	13,950	5,748	(4,477)
Central Coal Company Appalachian Power Co SEC	0 \$359,125,656	0 \$21,676,821	0 \$277,555,901	0 \$6,875,582	0 \$16,876,207	0 -\$19,729,860	0 -\$2,862,103	0 \$5,187,065	0 \$2,324,962	0 \$6,346,891
AEP Texas Central Company - Distribution	\$130,946,579	\$7,399,912	\$101,204,120	\$2,814,119	\$6,179,924	-\$7,194,022	-\$1,064,502	\$1,891,339	\$826,837	\$2,626,858
AEP Texas Central Company - Generation	1,309,693	75,113	1,012,217	0	60,447	(71,953)	(14,526)	18,917	4,391	(7,115)
AEP Texas Central Company - Transmission AEP Texas Central Co.	12,742,056 \$144,998,328	684,085 \$8,159,110	9,847,898 \$112,064,235	324,731 \$3,138,850	604,614 \$6,844,985	(700,031) -\$7,966,006	(103,312) - \$1,182,341	184,041 \$2,094,297	80,729 \$911,956	310,043 \$2.929.785
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Indiana Michigan Power Co - Distribution Indiana Michigan Power Co - Generation	\$89,181,615 57,211,195	\$5,811,433 3,278,328	\$68,925,411 44,216,570	\$1,953,834 1,309,307	\$4,192,513 2,702,767	-\$4,899,513 (3,143,103)	-\$757,388 (459,919)	\$1,288,103 826,335	\$530,715 366,416	\$1,777,549 1,235,387
Indiana Michigan Power Co - Nuclear	104,861,551	4,940,438	81,043,896	3,898,662	5,050,136	(5,760,947)	(805,285)	1,514,578	709,293	3,897,144
Indiana Michigan Power Co - Transmission	19,494,630	1,040,673	15,066,731	406,567	920,878	(1,071,008)	(171,150)	281,573	110,423	366,860
Ind Mich River Transp Lakin	26,144,538	1,249,970	20,206,217	881,608	1,254,400	(1,436,344)	(189,357)	377,621	188,264	887,928
Indiana Michigan Power Co FERC Price River Coal	\$296,893,529	\$16,320,842	\$229,458,825 0	\$8,449,978	\$14,120,694	-\$16,310,915	-\$2,383,100 0	\$4,288,210	\$1,905,110 0	\$8,164,867
Indiana Michigan Power Co SEC	\$296,893,529	\$16,320,842	\$229,458,825	\$8,449,978	\$14,120,694	-\$16,310,915	-\$2,383,100	\$4,288,210	\$1,905,110	\$8,164,867
Kentucky Power Co - Distribution	\$38,150,825	\$2,121,273	\$29,485,464	\$746,114	\$1,797,809	-\$2,095,953	-\$294,162	\$551,035	\$256,873	\$704,843
Kentucky Power Co - Generation	22,069,080	1,217,476	17,056,435	394,756	1,038,453	(1,212,444)	(171,034)	318,757	147,723	368,488
Kentucky Power Co - Transmission	5,289,214	238,263	4,087,852	143,812	252,476	(290,582)	(39,363)	76,395	37,032	142,738
Kentucky Power Co.	\$65,509,119	\$3,577,012	\$50,629,751	\$1,284,682	\$3,088,738	-\$3,598,979	-\$504,559	\$946,187	\$441,628	\$1,216,069
Cardinal Operating Company	\$37,584,874	\$2,091,379	\$29,048,060	\$946,842	\$1,781,162	-\$2,064,860	-\$299,478	\$542,861	\$243,383	\$906,527
Cook Coal Terminal Ohio Power Co - Distribution	1,867,679 219,072,052	106,974 13,446,862	1,443,465 169,313,275	34,330 4,421,366	87,834 10,300,279	(102,608) (12,035,512)	(15,516) (1,750,240)	26,976 3,164,188	11,460 1,413,948	31,016 4,100,081
Onio Power Co - Distribution Ohio Power Co - Generation	183,140,442	11,306,041	141,542,966	3,454,262	8,597,845	(12,035,512)	(1,750,240)	2,645,206	1,413,948	3,147,996
Ohio Power Co - Transmission	36,758,786	1,989,397	28,409,605	693,358	1,732,277	(2,019,476)	(304,794)	530,929	226,135	632,294
Ohio Power Co FERC	\$478,423,833	\$28,940,653	\$369,757,371	\$9,550,158	\$22,499,397	-\$26,283,935	-\$3,857,865	\$6,910,160	\$3,052,295	\$8,817,915
Conesville Coal Preparation Company Ohio Power Co SEC	1,979,264 \$480,403,097	120,730 \$29,061,383	1,529,705 \$371,287,076	25,837 \$9,575,995	92,408 \$22,591,805	(108,738) -\$26,392,673	(14,962) - \$3,872,827	28,588 \$6,938,748	13,626 \$3,065,921	23,133 \$8,841,048
Public Service Co of Oklahoma - Distribution	\$81,919,509	\$4,490,081	\$63,312,779	\$2,121,450	\$3,886,543	-\$4,500,543	-\$662,617	\$1,183,212	\$520,595	\$2,028,045
Public Service Co of Oklahoma - Distribution Public Service Co of Oklahoma - Generation	44,531,330	2.262.119	34,416,738	1,244,857	2.121.267	(2.446.489)	(338,793)	643,192	304,399	1,224,034
Public Service Co of Oklahoma - Transmission	9,921,129	542,986	7,667,700	253,285	470,538	(545,053)	(77,486)	143,297	65,811	244,581
Public Service Co. of Oklahoma	\$136,371,968	\$7,295,186	\$105,397,217	\$3,619,592	\$6,478,348	-\$7,492,085	-\$1,078,895	\$1,969,701	\$890,806	\$3,496,661
Southwestern Electric Power Co - Distribution	\$62,210,671	\$2,973,207	\$48,080,494	\$1,684,765	\$2,965,239	-\$3,417,767	-\$164,313	\$898,546	\$734,233	\$1,966,470
Southwestern Electric Power Co - Generation	60,830,586	3,041,062	47,013,873	1,673,284	2,897,546	(3,341,947)	(466,858)	878,612	411,754	1,640,637
Southwestern Electric Power Co - Texas - Distribution Southwestern Electric Power Co - Texas - Transmission	28,127,706 0	1,413,848 0	21,738,939	674,716 0	1,334,926 0	(1,545,297) 0	(226,513) 0	406,265 0	179,752 0	644,097 0
Southwestern Electric Power Co - Transmission	9,255,425	515,652	7,153,201	210,075	437,507	(508,480)	(75,105)	133,682	58,577	197,679
Southwestern Electric Power Co.	\$160,424,388	\$7,943,769	\$123,986,507	\$4,242,840	\$7,635,218	-\$8,813,491	-\$932,790	\$2,317,105	\$1,384,315	\$4,448,882
AEP Texas North Company - Distribution	\$39,760,705	\$2,245,645	\$30,729,685	\$858,191	\$1,876,682	-\$2,184,397	-\$318,083	\$574,287	\$256,204	\$806,680
AEP Texas North Company - Generation	6,139,404	561,913	4,744,935	0	278,431	(337,290)	(67,677)	88,675	20,998	(37,861)
AEP Texas North Company - Transmission AEP Texas North Co.	6,707,106 \$52,607,215	333,490 \$3,141,048	5,183,692 \$40,658,312	204,713 \$1,062,904	320,483 \$2,475,596	(368,479) - \$2,890,166	(50,992) -\$436,752	96,875 \$759,837	45,883 \$323,085	202,600 \$971,419
ALI TOXAS HOLLI GO.	\$32,007,213	ψ5,141,040	ψ40,030,31 <u>2</u>	ψ1,002,30 4	ψ2,473,030	-\$2,030,100	-\$450,752	ψ1 33,031	\$323,003	ψ3/1,413
Kingsport Power Co - Distribution	\$6,651,068	\$422,726	\$5,140,382	\$132,360	\$312,290	-\$365,400	-\$52,503	\$96,065	\$43,562	\$122,812
Kingsport Power Co - Transmission Kingsport Power Co.	1,170,684 \$7,821,752	69,057 \$491,783	904,782 \$6,045,164	26,632 \$158,992	55,251 \$367,541	(64,316) -\$429,716	(11,677) -\$64,180	16,909 \$112,974	5,232 \$48,794	22,799 \$145,611
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Wheeling Power Co - Distribution	\$9,060,391 276.060	\$575,915 38.320	\$7,002,465 213.357	\$169,121 0	\$424,883 12.213	-\$497,765	-\$74,230	\$130,865 3.987	\$56,635	\$152,874
Wheeling Power Co - Transmission Wheeling Power Co.	\$9,336,451	\$614,235	\$7,215,822	\$169,121	\$437,096	(15,166) -\$512,931	(2,613) -\$76,843	\$134,852	1,374 \$58,009	(1,579) \$151,295
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American Electric Power Service Corporation American Electric Power Service Corp	\$530,077,539 \$530,077,539	\$26,731,093 \$26,731,093	\$409,678,749 \$409,678,749	\$16,418,246 \$16,418,246	\$25,331,051 \$25,331,051	-\$29,121,717 -\$29,121,717	-\$4,547,980 -\$4,547,980	\$7,656,225 \$7,656,225	\$3,108,245 \$3,108,245	\$15,735,825 \$15,735,825
AEP Pro Serv, Inc.	\$128,053	\$22,938	\$98,968	\$0	\$5,544	-\$7,035	-\$1,133	\$1,850	\$717	-\$774
CSW Energy, Inc.	1,309,679	34,253	1,012,206	58,475	64,183	(71,952)	(9,491)	18,916	9,425	60,131
Elmwood	7,692,548	253,289	5,945,307	433,226	380,028	(422,618)	(43,959)	111,108	67,149	457,785
AEP River Operations LLC Miscellaneous	35,306,557 \$44,436,837	824,505 \$1,134,985	27,287,227 \$34,343,708	2,733,602 \$3,225,303	1,787,553 \$2,237,308	(1,939,693) - \$2,441,298	(200,282) -\$254,865	509,954 \$641,828	309,672 \$386,963	2,891,134 \$3,408,276
Total	\$2,288,005,879	\$126,147,267	\$1,768,321,267	\$58,222,085	\$108,484,587	-\$125,699,837	-\$18,197,236	\$33,047,029	\$14,849,793	\$55,856,628



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