American Electric Power

Non-UMWA Postretirement Health Care Plan

Actuarial Valuation Report
Postretirement Welfare Cost for Fiscal Year Ending December 31, 2015 under U.S. GAAP

Employer Contributions for Plan Year Beginning January 1, 2015

April 2015

TOWERS WATSON

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

Table of Contents

Purpose and actuarial statement **1**

Section 1: Summary of key results **5**

Benefit cost, assets & obligations *5*

Employer Contributions *5*

Postretirement welfare cost and funded position *6*

Change in postretirement welfare cost and funded position *6*

Basis for valuation *8*

Section 2: Actuarial exhibits **9**

2.1 Balance sheet asset/(liability) *9*

2.2 Summary and comparison of postretirement benefit cost and cash flows *10*

2.3 Information for deferred tax calculations *11*

2.4 Detailed results for postretirement welfare cost and funded position *12*

2.5 ASC 965 (plan reporting) information (formerly SOP 92-6, as amended by SOP 01-2) *14*

2.6 Basic results for employer contributions - VEBAs *16*

2.7 VEBA deduction limits *17*

2.8 Cumulative nondeductible contributions *20*

2.9 Development of maximum deductible contribution – 401(h) *21*

2.10 Expected benefit disbursements, administrative expenses, and participant contributions *22*

Section 3: Data exhibits **23**

3.1 Plan participant data *23*

3.2 Age and service distribution of participating employees *25*

Appendix A: Statement of actuarial assumptions and methods **27**

Appendix B: Summary of substantive plan provisons **35**

Appendix C: Results by business unit **39**

This page is intentionally blank

Purpose and actuarial statement

Purposes of valuation

American Electric Power retained Towers Watson Delaware 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, 2015, and American Electric Power's postretirement welfare cost for fiscal year ending December 31, 2015, 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 2015 plan year.

(4) The estimated maximum tax-deductible contribution for the tax year in which the 2015 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 2015. 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 Legislation

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:

- 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
- Transitional reinsurance fees beginning in 2014

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 and HHS have 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 master consulting services agreement dated July 29, 2004, and any accompanying or referenced terms and conditions.

The information contained in this report was prepared for the internal use of 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 Delaware Inc.

Martin P. Franzinger, ASA, MAAA
Consulting Actuary

Chad M. Greenwalt, FSA, EA
Consulting Actuary

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

Towers Watson Delaware Inc.

April 2015

Section 1: Summary of key results

Benefit cost, assets & obligations

All monetary amounts shown in US Dollars

Fiscal Year Beginning		January 1, 2015	January 1, 2014
Benefit Cost/ (Income)	Net Periodic Postretirement Benefit Cost/(Income)	(98,328,251)	($84,466,169)
Measurement Date		**January 1, 2015**	**January 1, 2014**
Plan Assets	Fair Value of Assets (FVA)	1,670,478,421	1,678,022,909
Benefit Obligations	Accumulated Postretirement Benefit Obligation (APBO)	1,354,017,568	1,361,155,680
Funded Status	Funded Status	316,460,853	316,867,229
Accumulated Other Comprehensive (Income)/Loss	Net Transition Obligation/(Asset)	0	0
	Net Prior Service Cost/(Credit)	(623,477,277)	(692,534,083)
	Net Loss/(Gain)	401,569,594	393,952,797
	Total Accumulated Other Comprehensive (Income)/Loss	(221,907,683)	(298,581,286)
Assumptions[1]	Discount Rate	4.00%	4.70%
	Expected Long-term Return on Plan Assets	6.75%	6.75%
	Rate of Compensation/Salary Increase	Rates vary by age from 3.5% to 12.0%	Rates vary by age from 3.5% to 11.5%
	Current Health Care Cost Trend Rate	6.25%	6.50%
	Ultimate Health Care Cost Trend Rate	5.00%	5.00%
	Year of Ultimate Trend Rate	2020	2020
Participant Data	Census Date	January 1, 2015	January 1, 2014
Plan reporting (ASC 965) for Plan Year Beginning		**January 1, 2015**	**January 1, 2014**
	Present value of accumulated benefits	1,354,565,239	1,361,705,751
	Market value of assets	1,670,478,421	1,678,022,909
	Plan reporting discount rate	4.00%	4.70%
Employer Contributions (net of Medicare subsidy)		**Plan Year 2015**	**Plan Year 2014**
Cash Flow	Funding Policy contributions	0	0
	Maximum Tax Deductible contributions	108,007,451 (est.)	0
	Actual contributions	N/A	N/A
	Expected benefit payments and expenses, net of participant contributions	96,378,874	94,150,747

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.

[1] Rates are expressed on an annual basis where applicable.

American Electric Power's funding policy is to contribute an amount equal to the postretirement welfare cost plus retiree drug subsidy payments received (the sum of which can be no less than zero). 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 2015 postretirement welfare benefit cost for the plan is $(98,328,251). 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 overfunded (underfunded) APBO as of January 1, 2014 was $316,460,853 based on the fair value of plan assets of $1,670,478,421 and the APBO of $1,354,017,568.

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, 2015 was derived from a roll forward of the January 1, 2014 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, 2015 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 decreased from $(84,466,169) in fiscal 2014 to $(98,328,251) in fiscal 2015 and the funded position decreased from $316,867,229 on January 1, 2014 to $316,460,853 on January 1, 2015, as set forth below:

All monetary amounts shown in millions of US Dollars

($ in millions)	Postretirement Welfare Cost
Prior year	(84.5)
Change due to:	
► Expected based on prior valuation and contributions during prior year	(3.3)
► Unexpected noninvestment experience	1.4
► Unexpected investment experience	4.9
► Assumption changes	(16.8)
► Changes in substantive plan	0
Current year	(98.3)

Significant reasons for these changes include the following:

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

All monetary amounts shown in US Dollars

	2015	2014
Medical (Overall Average)		
Under age 65		
▸ Aetna	9,265	9,425
▸ Lumenos	9,443	9,591
Age 65 and older (before Part D offsets)		
▸ COB	3,675[1]	4,258[2]
▸ MOB	2,768[1]	3,217[2]
▸ CSP	2,086	1,976
Medicare Part D Subsidy offsets		
▸ MOB/COB (EGWP)	(357)[3]	(805)[4]
▸ CSP (RDS)	(283)	(286)

See Appendix A for additional details on per capita claims costs assumptions including assumed claims costs adjusted for age-related morbidity adjustments.

- The discount rate decreased 70 basis points since the prior year which increased the postretirement welfare cost.
- Actual asset returns during 2014 were less than the assumed rate of 6.75% which increased the postretirement welfare cost.
- The mortality assumption was changed to reflect future expectations which increased the postretirement welfare cost.
- An experience study was conducted in 2014, resulting in changes to the termination and retirement assumptions.

[1] Inclusive of coverage gap discounts due to EGWP.
[2] Exclusive of all EGWP plan cost offsets.
[3] Includes CMS direct payments and reinsurance payments only.
[4] Includes coverage gap discounts, direct payments and reinsurance payments.

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, 2013.

Changes in Assumptions

Per capita claims costs were updated to reflect more recent retiree claims experience.

Discount rate was changed from 4.70% to 4.00%.

The mortality table used to value the benefit obligations was updated from the RP2000 with projections to 2021 for annuitants and to 2029 for nonannuitants to modified versions of RP-2014 with long-term mortality improvement rates of 0.75%.

The salary increase rate was updated to reflect experience through 2013.

Retirement rates were updated to reflect experience through 2013.

Termination rates were updated to reflect experience through 2013.

Changes in Methods

None.

Changes in Benefits Valued

None.

Section 2: Actuarial exhibits

2.1 Balance sheet asset/(liability)

All monetary amounts shown in US Dollars

Measurement Date		January 1, 2015	January 1, 2014
A	**Development of Balance Sheet Asset/(Liability)[1]**		
1	Accumulated postretirement benefit obligation (APBO)	1,354,017,568	1,361,155,680
2	Fair value of assets (FVA)	1,670,478,421	1,678,022,909
3	Net balance sheet asset/(liability)	316,460,853	316,867,229
B	**Current and Noncurrent Allocation**		
1	Noncurrent assets	316,460,853	316,867,229
2	Current liabilities	0	0
3	Noncurrent liabilities	0	0
4	Net balance sheet asset/(liability)	316,460,853	316,867,229
C	**Accumulated Other Comprehensive (Income)/Loss**		
1	Net transition obligation/(asset)	0	0
2	Net prior service cost/(credit)	(623,477,277)	(692,534,083)
3	Net loss/(gain)	401,569,594	393,952,797
4	Accumulated other comprehensive (income)/loss[2]	(221,907,683)	(298,581,286)
D	**Assumptions and Dates**		
1	Discount rate	4.00%	4.70%
2	Rate of compensation/salary increase	Rates vary by age from 3.5% to 12.0%	Rates vary by age from 3.5% to 11.5%
3	Current health care cost trend rate	6.25%	6.50%
4	Ultimate health care cost trend rate	5.00%	5.00%
5	Year of ultimate trend rate	2020	2020
6	Census date	January 1, 2015	January 1, 2014

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

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

2.2 Summary and comparison of postretirement benefit cost and cash flows

All monetary amounts shown in US Dollars

Fiscal Year Ending		December 31, 2015	December 31, 2014
A	**Total Postretirement Benefit Cost**		
1	Employer service cost	10,816,370	12,916,313
2	Interest cost	52,684,680	62,195,689
3	Expected return on assets	(109,557,619)	(109,857,082)
4	Subtotal	(46,056,569)	(34,745,080)
5	Net prior service cost/(credit) amortization	(69,056,806)	(69,056,806)
6	Net loss/(gain) amortization	16,785,124	19,335,717
7	Transition obligation/(asset) amortization	0	0
8	Amortization subtotal	(52,271,682)	(49,721,089)
9	Net periodic postretirement benefit cost/(income)	(98,328,251)	(84,466,169)
B	**Assumptions**[1]		
1	Discount rate	4.00%	4.70%
2	Long-term rate of return on assets	6.75%	6.75%
3	Rate of compensation/salary increase	Rates vary by age from 3.5% to 12.0%	Rates vary by age from 3.5% to 11.5%
4	Current health care cost trend rate	6.25%	6.50%
5	Ultimate health care cost trend rate	5.00%	5.00%
6	Year ultimate trend rate is expected	2020	2020
C	**Census Date**	January 1, 2015	January 1, 2014
D	**Assets at Beginning of Year**		
1	Fair market value	1,670,478,421	1,678,022,909
E	**Cash Flow**	**Expected**	**Actual**
1	Employer contributions	0	0
2	Plan participants' contributions	30,746,615	41,873,154
3	Benefits paid from plan assets	127,197,371	129,375,487
4	Expected Medicare subsidy on current year benefit payments	(71,882)	N/A

[1] 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.

All monetary amounts shown in US Dollars

		Book Basis Net of Part D Subsidy	Tax Basis Net of Part D Subsidy after 2012
A	**Postretirement Welfare Cost**		
1	Fiscal 2015	(98,328,251)	(109,904,949)
2	Fiscal 2014	(84,466,169)	(100,327,313)
B	**Funded Position**		
1	Overfunded (underfunded) APBO	316,460,853	316,460,853

2.4 Detailed results for postretirement welfare cost and funded position

All monetary amounts shown in US Dollars

Detailed results			January 1, 2015	January 1, 2014
A	**Service Cost**			
	1	Medical	7,784,451	10,209,364
	2	Life insurance	3,031,919	2,704,640
	3	Dental	0	2,309
	4	Total	10,816,370	12,916,313
B	**Accumulated Postretirement Benefit Obligation [APBO]**			
	1	Medical[1]:		
		a Participants currently receiving benefits	765,381,619	744,543,186
		b Fully eligible active participants	29,981,855	24,418,320
		c Other participants	174,996,519	242,502,413
		d Total	970,359,993	1,011,463,919
	2	Life insurance:		
		a Participants currently receiving benefits	281,047,212	257,582,776
		b Fully eligible active participants	15,386,020	7,452,219
		c Other participants	69,008,494	66,267,434
		d Total	365,441,726	331,302,429
	3	Dental:		
		a Participants currently receiving benefits	18,215,849	17,893,482
		b Fully eligible active participants	0	0
		c Other participants	0	495,850
		d Total	18,215,849	18,389,332
	4	All Benefits:		
		a Participants currently receiving benefits	1,064,644,680	1,020,019,444
		b Fully eligible active participants	45,367,875	31,870,539
		c Other participants	244,005,013	309,265,697
		d Total	1,354,017,568	1,361,155,680
C	**Assets**			
	1	Fair value [FV]	1,670,478,421	1,678,022,909
D	**Funded Position**			
	1	Overfunded (underfunded) APBO	316,460,853	316,867,229
	2	APBO funded percentage	123.4%	123.3%

[1] The Transitional Reinsurance Fee was allocated among the different segments of the medical liability in proportion to the total medical liability.

E	**Amounts in Accumulated Other Comprehensive Income**			
	1	Prior service cost (credit)	(623,477,277)	(692,534,083)
	2	Net actuarial loss (gain)	401,569,594	393,952,797
	3	Transition obligation (asset)	0	0
	4	Total	(221,907,683)	(298,581,286)
F	**Effect of Change in Health Care Cost Trend Rate**			
	1	One-percentage-point increase:		
		a Sum of service cost and interest cost	2,470,036	2,684,320
		b APBO	60,804,055	56,819,974
	2	One-percentage-point decrease:		
		a Sum of service cost and interest cost	(1,717,224)	(2,065,260)
		b APBO	(48,286,909)	(46,669,068)

2.5 ASC 965 (plan reporting) information (formerly SOP 92-6, as amended by SOP 01-2)

All monetary amounts shown in US Dollars

Summary of Present Value of Benefits			January 1, 2015	January 1, 2014
A	**Medical (ignoring Retiree Drug Subsidy)**			
	1	Current retirees	765,929,290	745,093,257
	2	Active participants fully eligible for participants	29,981,855	24,418,320
	3	Other active participants	174,996,519	242,502,413
	4	Total	970,907,664	1,012,013,990
B	**Life Insurance**			
	1	Current retirees	281,047,212	257,582,776
	2	Active participants fully eligible for participants	15,386,020	7,452,219
	3	Other active participants	69,008,494	66,267,434
	4	Total	365,441,726	331,302,429
C	**Dental**			
	1	Current retirees	18,215,849	17,893,482
	2	Active participants fully eligible for participants	0	0
	3	Other active participants	0	495,850
	4	Total	18,215,849	18,389,332
D	**Total (ignoring Retiree Drug Subsidy)**			
	1	Current retirees	1,065,192,351	1,020,569,515
	2	Active participants fully eligible for participants	45,367,875	31,870,539
	3	Other active participants	244,005,013	309,265,697
	4	Total	1,354,565,239	1,361,705,751

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 4.70% was used. The same plan provisions shown in Appendix B were used to determine the present value of accumulated benefits.

Reconciliation of Present Value of Benefits		Fiscal 2014	Fiscal 2013
A	**Medical (ignoring Retiree Drug Subsidy)**		
1	Benefit obligation, beginning of year	1,012,013,990	1,337,163,000
2	Service cost	10,209,364	17,844,928
3	Interest cost	45,537,253	51,716,805
4	Participant contributions	28,553,900	29,543,748
5	Actuarial (gain)/loss	11,077,530	(302,373,040)
6	Plan amendments	0	0)
7	Gross benefits paid	(136,484,373)	(121,881,451)
8	Benefit obligation, end of year	970,907,664	1,012,013,990
B	**Life Insurance**		
1	Benefit obligation, beginning of year	331,302,429	344,074,115
2	Service cost	2,704,640	3,475,991
3	Interest cost	15,399,540	13,476,642
4	Participant contributions	1,499,271	1,590,196
5	Actuarial (gain)/loss	28,897,356	(16,861,174)
6	Plan amendments	0	0
7	Gross benefits paid	(14,361,510)	(14,453,341)
8	Benefit obligation, end of year	365,441,726	331,302,429
C	**Dental**		
1	Benefit obligation, beginning of year	18,389,332	21,642,229
2	Service cost	2,309	4,718
3	Interest cost	813,324	803,562
4	Participant contributions	4,321,558	3,769,553
5	Actuarial (gain)/loss	1,209,901	(1,428,469)
6	Plan amendments	0	0
7	Gross benefits paid	(6,520,575)	(6,402,261)
8	Benefit obligation, end of year	18,215,849	18,389,332
D	**Total (ignoring Retiree Drug Subsidy)**		
1	Benefit obligation, beginning of year	1,361,705,751	1,702,879,344
2	Service cost	12,916,313	21,325,637
3	Interest cost	61,750,117	65,997,009
4	Participant contributions	34,374,729	34,903,497
5	Actuarial (gain)/loss	41,184,787	(320,662,683)
6	Plan amendments	0	0
7	Gross benefits paid	(157,366,458)	(142,737,053)
8	Benefit obligation, end of year	1,354,565,239	1,361,705,751

2.6 Basic results for employer contributions - VEBAs

All monetary amounts shown in US Dollars

All Postretirement VEBAs			Estimated December 31, 2015	Actual December 31, 2014
A	**Qualified Asset Account Limits [QAAL]**		671,896,071	701,532,210
B	**Assets**			
	1	Market value	1,279,129,583	1,293,399,346
	2	Unrecognized investment losses (gains)	0	0
	3	Actuarial value [AV]	1,279,129,583	1,293,399,346
C	**Funded Position**			
	1	Unfunded account limits [QAAL – FV]	(607,233,512)	(591,867,136)
D	**Employer Contributions**			
	1	Maximum deductible available	106,027,676	94,229,955
	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
		a Life insurance VEBA	0	0
		b Union medical and dental VEBAs	0	0
		c Non-union medical and dental VEBAs	0	0

2.7 VEBA deduction limits

All monetary amounts shown in US Dollars

Retiree Life Insurance			2014	2013
A	**Qualified Asset Account Limit (QAAL)**			
	1	December 31 actuarial accrued liability	225,791,893	217,706,691
	2	Unrecognized liability	0	0
	3	QAAL	225,791,893	217,706,691
B	**Assets**			
	1	Market value as of December 31	131,561,938	140,680,665
	2	Unrecognized investment losses (gains)	0	0
	3	Actuarial value [AV]	131,561,938	140,680,665
C	**Funded position**			
	1	Unfunded account limit [QAAL - AV]	94,229,955	77,026,026
	2	Contributions received in trust, but not yet deducted		
		2007	0	0
		2008	0	0
		2009	0	0
		2010	0	0
		2011	0	0
		2012	0	0
		2013	0	0
		2014	0	N/A
		Total	0	0
D	**Employer deductions for contributions to VEBAs**			
	1	Maximum deduction available[1] [C.1 + Total of C.2]	94,229,955	77,026,026
	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.

All monetary amounts shown in US Dollars

Union Medical and Dental			2014	2013
A	**Qualified Asset Account Limit (QAAL)**			
	1	December 31 present value of projected benefits	180,313,868	212,964,386
	2	Unrecognized liability	0	0
	3	QAAL	180,313,868	212,964,386
B	**Assets**			
	1	Market value as of December 31	462,037,345	436,275,257
	2	Unrecognized investment losses (gains)	0	0
	3	Actuarial value [AV]	462,037,345	436,275,257
C	**Funded position**			
	1	Unfunded account limit [QAAL - AV]	(281,723,477)	(233,310,871)
	2	Contributions received in trust, but not yet deducted		
		2007	0	0
		2008	0	0
		2009	0	0
		2010	0	0
		2011	0	0
		2012	0	0
		2013	0	0
		2014	0	N/A
		Total	0	0
D	**Employer deductions for contributions to VEBAs**			
	1	Maximum deduction available[1] [C.1 + Total of C.2]	0	0
	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.

All monetary amounts shown in US Dollars

Non-Union Retiree Medical and Dental			2014	2013
A	**Qualified Asset Account Limit (QAAL)**			
	1	December 31 actuarial accrued liability	295,426,449	319,981,281
	2	Unrecognized liability	0	0
	3	QAAL	295,426,449	319,981,281
B	**Assets**			
	1	Market value as of December 31	699,800,062	745,288,655
	2	Unrecognized investment losses (gains)	0	0
	3	Actuarial value [AV]	699,800,062	745,288,655
C	**Funded position**			
	1	Unfunded account limit [QAAL - AV]	(404,373,613)	(425,307,374)
	2	Contributions received in trust, but not yet deducted		
		2007	0	0
		2008	0	0
		2009	105,440,603	105,440,603
		2010	73,467,453	73,467,453
		2011	38,701,148	38,701,148
		2012	68,292,490	68,292,490
		2013	0	0
		2014	0	N/A
		Total	285,901,694	285,901,694
D	**Employer deductions for contributions to VEBAs**			
	1	Maximum deduction available[1] [greater of C.1+C.2 and 0]	0	0
	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.

2.8 Cumulative nondeductible contributions

All monetary amounts shown in US Dollars

Non-Union Retiree Medical and Dental VEBAs

	Contributions Made by December 31, 2014, but Not Deducted as of December 31, 2013	Deductible in 2014	Remaining Nondeductible Contributions as of December 31, 2014
2003	$0	$0	$0
2004	0	0	0
2005	0	0	0
2006	0	0	0
2007	0	0	0
2008	0	0	0
2009	105,440,603	0	105,440,603
2010	73,467,453	0	73,467,453
2011	38,701,148	0	38,701,148
2012	68,292,490	0	68,292,490
2013	0	0	0
2014	0	0	0
Total	$285,901,694	$0	$285,901,694

Retiree Life Insurance VEBAs

	Contributions Made by December 31, 2014, but Not Deducted as of December 31, 2013	Deductible in 2014	Remaining Nondeductible Contributions as of December 31, 2014
2003	$0	$0	$0
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
2012	0	0	0
2013	0	0	0
2014	0	0	0
Total	$0	$0	$0

2.9 Development of maximum deductible contribution – 401(h)

All monetary amounts shown in US Dollars

Plan Year Beginning	January 1, 2015
A Development of Maximum Deductible Contribution	
1 Present value of projected benefits	269,157,261
2 Fair value of assets	377,079,075
3 Unfunded surplus [1 - 2]	(107,921,814)
4 Average present value of future service	12
5 Preliminary maximum deductible contribution	
a 10% of unfunded surplus [10% x A.3]	(10,792,181)
b Aggregate normal cost [A.3 / A.4]	(8,993,485)
c Greater of A.5.a, A.5.b and 0	0
6 Preliminary maximum 2015 contribution [1.0753 x A.5.c]	0
7 Subordination test (development shown below)	25,601,594
8 Maximum deductible contribution ignoring expenses [lesser of A.6 and A.7]	0
9 Total trust expenses paid from 401(h) account during 2014	1,979,775
10 Maximum deductible contribution including expenses [A.8 + A.9]	1,979,775

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 - 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	0	0	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
2013	N/A	N/A	65,249,050
2014	N/A	N/A	0
Cumulative pension contributions not for past service	149,356,355	151,652,681	655,136,075
	x 1/3	x 1/3	x 1/3
	49,785,452	50,550,894	218,378,692
Cumulative 401(h) contributions before plan year 2015	49,785,452	50,550,894	192,777,098
Subordination limit	0	0	25,601,594

* Includes only portion of normal cost and contributions after 401(h) account adoption for indicated year

2.10 Expected benefit disbursements, administrative expenses, and participant contributions

All monetary amounts shown in US Dollars

			January 1, 2015	January 1, 2014
A	**Medical and Dental**			
	1	Gross disbursements	109,829,926	117,516,479
	2	Participant contributions	(29,193,829)	(29,490,760)
	3	Net disbursements	80,636,097	88,025,719
B	**Life Insurance**			
	1	Gross disbursements	17,367,445	16,256,380
	2	Participant contributions	(1,552,786)	(1,503,593)
	3	Net disbursements	15,814,659	14,752,787
C	**Gross without RDS**			
	1	Gross disbursements	127,197,371	133,772,859
	2	Participant contributions	(30,746,615)	(30,994,353)
	3	Net disbursements	96,450,756	102,778,506
D	**RDS***			
	1	Gross disbursements	(71,882)	(80,443)
	2	Participant contributions	0	0
	3	Net disbursements	(71,882)	(80,443)
E	**Net with RDS**			
	1	Gross disbursements	127,125,489	133,692,416
	2	Participant contributions	(30,746,615)	(30,994,353)
	3	Net disbursements	96,378,874	102,698,063

* 2014-2015 RDS payments expected to be received in 2016-2017.

Section 3: Data exhibits

3.1 Plan participant data

All monetary amounts shown in US Dollars

Census Date	January 1, 2015	January 1, 2014
A Participating Employees		
1 Number		
a Fully eligible	1,228	694
b Other	15,986	17,868
c Total participating employees	17,214	18,562
2 Total annual compensation/salary	$1,573,181,281	$1,352,753,749
3 Average compensation/salary	$91,390	$74,532
4 Average age (years)	47.63	46.63
5 Average credited service (years)	18.16	17.04
6 Average future working life (years)		
a to full retirement age	13.972	11.696
b to full eligibility age	12.162	10.934
B Retirees and Surviving Spouses		
1 Retirees and Surviving Spouses		
a Number under 65	3,461	3,282
b Number 65 and older	13,519	13,167
c Total[1]	16,980	16,449
d Average age (years)	73.1	73.4

e. Age Distribution at January 1, 2015

Age	Number
Under 55	207
55-59	821
60-64	2,433
65-69	3,808
70-74	3,045
75-79	2,267
80-84	1,979
85 and over	2,420

[1] Includes 404 disabled participants in 2015 and 412 disabled participants in 2014. These participants were not included in the calculation of the other data statistics in this section.

Census Date	January 1, 2015	January 1, 2014
C Dependents		
1 Number	8,338	8,386
2 Average Age	68.55	68.4
3 Age Distribution at January 1, 2015		

Age	Number
Under 55	51
55-59	377
60-64	1,423
65-69	2,359
70-74	1,707
75-79	1,060
80-84	798
85 and over	563

3.2 Age and service distribution of participating employees

All monetary amounts shown in US Dollars

Attained Age		Attained Years of Credited Service and Number								
		0-4	5-9	10-14	15-19	20-24	25-29	30-34	Over 34	Total
Under 25	Count	186	3	0	0	0	0	0	0	189
	Total Earnings	$10,555,037	$196,073	$0	$0	$0	$0	$0	$0	$10,751,110
	Average Earnings	$56,748	$65,358	$0	$0	$0	$0	$0	$0	$56,884
25-29	Count	579	399	7	0	0	0	0	0	985
	Total Earnings	$37,120,013	$29,869,321	$550,140	$0	$0	$0	$0	$0	$67,539,474
	Average Earnings	$64,111	$74,860	$78,591	$0	$0	$0	$0	$0	$68,568
30-34	Count	462	914	215	2	0	0	0	0	1,593
	Total Earnings	$32,241,924	$72,241,465	$18,094,335	$166,608	$0	$0	$0	$0	$122,744,332
	Average Earnings	$69,788	$79,039	$84,160	$83,304	$0	$0	$0	$0	$77,052
35-39	Count	334	835	436	123	3	0	0	0	1,731
	Total Earnings	$23,190,462	$66,944,541	$39,285,324	$10,573,667	$301,449	$0	$0	$0	$140,295,443
	Average Earnings	$69,433	$80,173	$90,104	$85,965	$100,483	$0	$0	$0	$81,049
40-44	Count	234	669	434	329	92	1	0	0	1,759
	Total Earnings	$17,471,731	$57,179,638	$40,699,026	$31,172,114	$8,847,247	$155,881	$0	$0	$155,525,636
	Average Earnings	$74,666	$85,470	$93,777	$94,748	$96,166	$155,881	$0	$0	$88,417
45-49	Count	184	529	320	297	480	279	9	0	2,098
	Total Earnings	$15,171,070	$44,292,295	$32,061,405	$30,442,232	$49,995,036	$28,053,414	$804,507	$0	$200,819,958
	Average Earnings	$82,451	$83,728	$100,192	$102,499	$104,156	$100,550	$89,390	$0	$95,720
50-54	Count	121	401	264	285	400	858	755	70	3,154
	Total Earnings	$9,748,012	$34,579,455	$26,363,205	$26,293,484	$37,418,262	$89,836,469	$76,068,331	$6,688,752	$306,995,971
	Average Earnings	$80,562	$86,233	$99,861	$92,258	$93,546	$104,705	$100,753	$95,554	$97,335
55-59	Count	95	275	194	192	286	552	1,027	1,015	3,636
	Total Earnings	$7,593,717	$24,175,920	$19,292,776	$19,523,832	$27,493,839	$52,557,279	$110,452,322	$101,280,758	$362,370,443
	Average Earnings	$79,934	$87,912	$99,447	$101,687	$96,132	$95,212	$107,549	$99,784	$99,662
60-64	Count	42	166	87	97	140	229	332	655	1,748
	Total Earnings	$3,380,392	$14,816,306	$8,343,518	$11,002,486	$12,229,792	$22,078,528	$34,429,983	$68,338,008	$174,619,013
	Average Earnings	$80,486	$89,255	$95,903	$113,428	$87,356	$96,413	$103,705	$104,333	$99,896
65-69	Count	0	43	31	20	31	41	42	86	294
	Total Earnings	$0	$3,895,382	$3,249,586	$2,221,552	$2,673,787	$3,671,494	$4,181,314	$9,081,318	$28,974,433
	Average Earnings	$0	$90,590	$104,825	$111,078	$86,251	$89,549	$99,555	$105,597	$98,552
70 & over	Count	0	0	12	2	3	3	2	5	27
	Total Earnings	$0	$0	$1,170,172	$178,029	$295,998	$243,916	$250,668	$406,684	$2,545,467
	Average Earnings	$0	$0	$97,514	$89,015	$98,666	$81,305	$125,334	$81,337	$94,277
Total	Count	2,237	4,234	2,000	1,347	1,435	1,963	2,167	1,831	17,214
	Total Earnings	$156,472,358	$348,190,397	$189,109,487	$131,574,004	$139,255,409	$196,596,982	$226,187,125	$185,795,521	$1,573,181,282
	Average Earnings	$69,947	$82,237	$94,555	$97,679	$97,042	$100,151	$104,378	$101,472	$91,390

Average:	Age	48	Number of Participants:	Fully eligible	1,228	Males	14,167	
	Service	18		Other	15,986	Females	3,047	

Census data as of January 1, 2015

TOWERS WATSON

This page is intentionally blank

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, 2015

Economic Assumptions

	Postretirement Welfare Cost	Plan Reporting	Employer Contributions
Discount rate[1]	4.00%	4.00%	N/A
Rates of return on assets, pre-tax: [1]			
401(h) accounts	N/A	N/A	7.53%
Life insurance and union medical/dental	N/A	N/A	6.60%
Non-union medical/dental	N/A	N/A	6.64%
Aggregate	6.75%	N/A	N/A
Annual rates of compensation increase[1]			
Representative rates	Age	Rate	
	< 26	12.00%	
	26 – 30	8.50	
	31 – 35	7.00	
	36 – 40	6.00	
	41 – 45	5.00	
	46 – 50	4.00	
	> 50	3.50	
Weighted average	4.80%		
Medical cost trend rate[2]	2015	6.25%	
	2016	6.00%	
	2017	5.75%	
	2018	5.50%	
	2019	5.25%	
	2020+	5.00%	
Dental cost trend rate[2]	2014+	5.00%	

[1] Only discount rate and asset return assumptions vary between the reporting standards. All other assumptions are consistent throughout.
[2] 0% trend assumed for non-union 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% in 2015 with the rate decreasing by 5% annually beginning in 2016 to an ultimate rate of 75% in 2019.
Persistency	Non-capped retirees will drop coverage at a rate of 2% annually and Capped retirees will drop coverage at a rate of 4% annually.	Same as current retirees
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

Based on modified versions of RP-2014 with long-term improvement rates of 0.75%.

Base mortality rates are derived from the RP-2014 mortality table with improvements factored to 2006 with no collar adjustments.

Mortality improvements are projected forward on a generational basis. Improvement rates grade linearly from the MP-2014 rate in 2007 to the ultimate rate in 2015:

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

Lump sum/annuity conversion

Applicable 417(e) IRS Mortality Table

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:

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 retire and vary by age and service.

Representative rates:

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

Retirement

Rates vary by age.

Representative rates:

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

2015 Per Capita Claims Costs

Medical

Prior to age 65

Age	*Aetna*	*Lumenos*
< 50	5,849	5,962
50 – 54	6,832	6,964
55 – 59	7,608	7,755
60 – 64	10,351	10,551
Average	9,265	9,443

Age 65 and after (net of Medicare Parts A & B)

Age	*COB*	*MOB*	*CSP*
65 – 69	2,997	2,483	1,580
70 – 74	3,499	2,895	1,849
75 – 79	3,798	3,137	2,007
80 – 84	3,993	3,291	2,086
85 – 89	4,177	3,436	2,165
90 – 94	4,046	3,322	2,134
≥ 95	3,615	2,959	1,976
Average	3,675	2,768	2,086

Medicare Part D - RDS

Age	*MOB/COB*	*CSP*
65 – 69	N/A	(257)
70 – 74	N/A	(291)
75 – 79	N/A	(301)
80 – 84	N/A	(299)
85 – 89	N/A	(296)
90 – 94	N/A	(270)
≥ 95	N/A	(219)
Average	N/A	(283)

Medicare Part D - Employer Group Waiver Plan (EGWP) for MOB/COB

Age	*CMS Direct Payments & Catastrophic Reinsurance*	*Manufacturer's Discount**
65 – 69	(325)	N/A
70 – 74	(367)	N/A
75 – 79	(380)	N/A
80 – 84	(377)	N/A
85 – 89	(373)	N/A
90 – 94	(341)	N/A
≥ 95	(276)	N/A
Average	(357)	N/A

* Manufacturer's discount factored into gross costs shown for COB and MOB.

Expected EGWP subsidies for direct payments plus catastrophic reinsurance increase in future years at rates different than the annual trend assumption due to the progressive filling in of the Standard Part D coverage gap between 2015 and 2020.

2015	7.7%
2016	12.4
2017	11.8
2018	11.2
2019	11.5
2020+	5.0

Dental	$313
Medicare covered charges trend rate	Same as medical cost trend, except for growth in expected EGWP subsidies differ as shown above.
Retiree contribution trend rate	Same as medical cost trend. For capped retirees, future retiree contributions are developed based on expected gross costs compared to the applicable cap.
Administrative expenses	Included in claims costs shown above.

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 2040. The amount of excise tax-related charges 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, 2015
Measurement date	January 1, 2015
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)	
Present value of benefits	Present value of benefits 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 plus retiree drug subsidy payments received (the sum of which can be no less than zero). AEP maximizes its contribution to the 401(h) account and contributes the remainder to the VEBAs.
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 4.70% to 4.00%. The mortality table used to value the benefit obligations was updated from the RP2000 with projections to 2021 for annuitants and to 2029 for nonannuitants to modified versions of RP-2014 with long-term improvement rates of 0.75%. Per capita claims costs were updated to reflect 2013 claims experience. Compensation increases and the termination and retirement rates were changed to reflect the recent demographic study and future expectations.

Data Sources

American Electric Power (AEP), through Mercer, its third party administrator, furnished active and inactive participant data as of January 1, 2015. AEP also provided the accrued postretirement benefit costs as of December 31, 2014. Health plan vendors furnished the claims cost data. AEP supplied 2014 EGW payments and prescription rebates. 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.

Assumptions Rationale - Significant Economic Assumptions – Funding and Accounting

Interest rate (funding)	The interest rate is the expected rate of return on plan assets, and represents an estimate of future experience for trust asset returns, reflecting the plan‘s current asset allocation, and current and expected future market conditions.
Rates of increase in:	
Plan administrative expenses	Administrative expenses are included in per capita claims costs and thus the medical plan trend rate is applied to these expenses.
Claims cost trend rates	Assumed increases were chosen by the plan sponsor and, as required by U.S. GAAP, they represent an estimate of future experience, informed by an analysis of recent plan experience, leading to select and ultimate assumed trend rates and reflecting the expected near-term effect of recently enacted plan changes. In setting near term trend rates, other pertinent statistics were considered, including surveys on general medical cost increases. In setting the ultimate trend rate, considerations included assumed GDP growth consistent with the assumed future economic conditions inherent in other economic assumptions chosen by the client at the measurement date. After examining historical variability in trend rates, we believe that the selected assumptions do not significantly conflict with what would be reasonable based on a combination of market conditions at the measurement date and future expectations consistent with other economic assumptions used, other than the discount rate. For the VEBA funding vehicle of the non-bargained group, no future increases in medical costs (and thus in the plan’s per capita claims costs) have been assumed, in accordance with U.S. tax law.
Participant contribution trend rates	In accordance with the substantive plan communicated to participants, participant contributions for non-capped participants are intended to remain a fixed percentage of total plan costs, and thus the trend rates, and the description of the derivation of the trend rates, are the same as for claims costs as shown above.

Medicare Part D subsidy trend rates	The assumed rates of increase in Medicare Part D subsidy (RDS) are leveraged and shown under the per capita costs section above. For the VEBA funding vehicle of the non-bargained group, no future increases in medical costs (and thus in Part D subsidy reimbursements) have been assumed, in accordance with U.S. tax law.
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 2013 and paid through March 2014. AEP reported prescription rebates they received for 2014. Claim experience rates are calculated for Aetna and Lumenos plans by dividing combined incurred claims, net of prescription rebates by covered lives and trending forward two years to 2015. Adjustments for plan design differences are also made. Medical and prescription drug claim rates are then multiplied by plan change factors representing the effect of any substantive plan design changes for 2015. Aetna and Lumenos claims 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 claims cost models.
Post-65 retiree medical rates	2015 monthly claim rates are calculated separately for MOB, COB and CSP Medicare-eligible plans by dividing 2013 incurred claims paid through March 2014 by covered lives and trending forward two years to 2015. Prescription drug claim rates are then multiplied by pricing change factors representing the effect of any substantive design changes for 2015. MOB and COB claims 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 quinquennial claims cost models.
Dental rates	Aetna supplied data on dental claims incurred in 2013 and paid through March 2014. Combined claims experience for all active and retired employees was analyzed to derive the dental claim rates.
Medicare Part D offsets	
• RDS	We calibrated our modelling tool to reflect the 2015 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, including 3.1 million Medicare-eligible members. After the plan-specific benefit provisions have been calibrated to current costs, the Modeler trends costs forward to 2015. 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 2015 minus the greater of $397.56 per year (the national average Part D premium) and 25.5% of the gross value of Part D to the projected 2015 value of AEP coverage minus

the average projected 2015 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 2014, using the continuance table calibrated to AEP's plan costs. This produced a 2015 per person employer subsidy of $283 for CSP.

- EGWP

Estimated plan cost offsets associated with the EGWP arrangement were developed using actual 2014 payment AEP received for direct payments, coverage gap discounts and reinsurance payments. An estimate of the change in direct monthly government payments under the EGWP from 2014 to 2015 was provided by Express Scripts 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 coverage gap through 2020, higher trend levels are applied to estimated direct monthly EGWP payments between 2015 (effective date of plan change) and 2020, after which EGWP plan cost offsets are assumed to increase at the valuation trend rate assumption.

Assumptions Rationale - Significant Demographic Assumptions

Healthy Mortality	Assumptions were selected by the plan sponsor and, as required by U.S. GAAP, represent a best estimate of future experience.
Disabled Mortality	Assumptions were selected by the plan sponsor and, as required by U.S. GAAP, represent a best estimate of future experience.
Termination	Termination rates are based on a recent demographic study and plan sponsor expectations for the future with periodic monitoring of observed gains and losses caused by termination patterns different than assumed.
Disability	Disability rates are based on plan sponsor expectations for the future with periodic monitoring of observed gains and losses caused by disability patterns different than assumed.
Retirement	Retirement rates are based on a recent demographic study and plan sponsor expectations for the future with periodic monitoring of observed gains and losses caused by retirement patterns different than assumed.
Participation	
• Participants/Spouses	The assumed coverage rates for participants and spouses reflect historical experience as well as anticipated future reductions in rates due to expected rates of increase in participant contributions and availably of coverage through public exchanges.

• Covered dependents	The assumed dependent coverage is based on the dependent coverage observed among recent retirees and general population statistics on the marital status of individuals of retirement age.
• Covered Spouse age	The assumed age difference for spouses is based on the age difference observed among recent retirees and general population statistics of the age difference for married individuals of retirement age.

Source of Prescribed Methods

Funding methods	The methods used for determining maximum deductible contributions to the 401(h) account and VEBA are chosen from acceptable methods prescribed by law.

Appendix B: Summary of substantive plan provisions

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.

Employees hired on or after January 1, 2014 are not eligible to participate in the plan.

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 $3,000 out-of-pocket maximum) may be obtained by pre-65 retirees electing to use Aetna network providers.

Pre-65 retirees who live in areas designated as “Network Area” will have reduced benefits ($500 deductible, 70% coinsurance, $6,000 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 design 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	$10 copay	20% $20 minimum $100 maximum	35% $35 minimum $200 maximum
90-day retail	$20 copay	20% $50 minimum $200 maximum	35% $90 minimum $300 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 carve-out method (MOB benefits). Participants have the option to "buy up" to exclusion coordination of benefits coverage (COB benefits). Exclusion coordination is automatically 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 participants retiring on or after January 1, 2013, AEP's subsidy is capped at $11,500 and $3,800 times employer cost sharing percentage for pre-65 and post-65 participants, respectively.

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 used to determine 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 those participants retired prior to January 1, 2013, only.

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 provision where active employee contribution rates are charged while an employee remains disabled and is receiving LTD benefits.

If an employee retires while disabled and became disabled before January 1, 2001, the waiver of premium provision continues for life as long as the retirement commenced on or before September 1, 2013. If an employee retires while disabled and became disabled after January 1, 2001, the employee will continue to accrue points as if actively-at-

work until age 65 and be subject to the same contribution schedule as normal retirees.

Those participants retiring after January 1, 2013, pay a percentage of true pre-65 retiree costs.

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 Coverage	*Age 66*	*Age 67*	*Age 68*	*Age 69*	*Age 70 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 for those hired before January 1, 2011. No benefit for those hired on or after January 1, 2011.

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.

Employees hired on or after January 1, 2014 are not eligible to participate in the plan.

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

None

Overview of Benefits Provided by Funding Vehicles

Funding vehicle	Provides for
Non-union postretirement medical/dental VEBAs	100% of medical benefits to non-union employees before 2016 and 50% of retiree medical benefits thereafter. 100% of dental benefits to non-union employees.
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 retiree medical benefits after 2015 for non-union retirees.

Appendix C: Results by business unit

Summary of key assumptions for Appendix C of 2014 UMWA Postretirement Health Care Plan valuation report:

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Discount Rate	4.00%	4.25%	4.50%	4.75%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Expected Return on Assets	6.75%	6.75%	6.75%	6.75%	6.75%	6.75%	6.75%	6.75%	6.75%	6.75%	6.75%
Initial Medical Trend	6.25%	6.00%	5.75%	5.50%	5.25%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%

Mortality table	RP-2014, factored to 2006, no collar adjustment, headcount weighted
Mortality projection scale	Rates grade linearly by year from MP-2014 in 2007 to 0.75% in 2015. Rates grade linearly by age to zero at age 95 from age 85.
Valuation and data	January 1, 2015
Per capita claims cost	2015 cost models based on actual claims experience incurred through December 31, 2013

Non-UMWA PRW Plan participation assumption: 95% of future retirees will elect coverage in 2015, with rate decreasing by 5% annually beginning in 2016 to ultimate rate of 75% in 2019+.

Non-UMWA PRW Plan persistency assumption: Non-capped retirees will drop coverage at a rate of 2% annually; capped retirees will drop coverage at a rate of 4% annually.

Includes Transitional Reinsurance Fees and Comparative Effectiveness fees under Health Care Reform.

AMERICAN ELECTRIC POWER
NON-UMWA POSTRETIREMENT WELFARE PLAN
SUMMARY OF PLAN PARTICIPANTS FOR THE 2015 VALUATION

	Nonretired Participants		Retired Participants				
Location	Active	Total	Retiree	Dependent Spouse	Surviving Spouse	Disabled	Total
140 Appalachian Power Co. - Distribution	996	996	1,100	730	374	42	2,204
215 Appalachian Power Co. - Generation	834	834	884	631	230	46	1,745
150 Appalachian Power Co. - Transmission	4	4	139	109	11	8	259
Appalachian Power Co. - FERC	**1,834**	**1,834**	**2,123**	**1,470**	**615**	**96**	**4,208**
225 Cedar Coal Co	0	0	11	3	15	0	29
Appalachian Power Co. - SEC	**1,834**	**1,834**	**2,134**	**1,473**	**630**	**96**	**4,237**
211 AEP Texas Central Company - Distribution	868	868	858	537	288	24	1,683
147 AEP Texas Central Company - Generation	0	0	0	0	0	0	0
169 AEP Texas Central Company - Transmission	109	109	80	46	32	2	158
AEP Texas Central Co.	**977**	**977**	**938**	**583**	**320**	**26**	**1,841**
170 Indiana Michigan Power Co. - Distribution	551	551	648	356	260	9	1,264
132 Indiana Michigan Power Co. - Generation	362	362	274	180	91	7	545
190 Indiana Michigan Power Co. - Nuclear	1,107	1,107	401	265	65	13	731
120 Indiana Michigan Power Co. - Transmission	127	127	119	85	11	1	215
280 Ind Mich River Transp Lakin	228	228	122	55	31	20	208
Indiana Michigan Power Co. - FERC	**2,375**	**2,375**	**1,564**	**941**	**458**	**50**	**2,963**
202 Price River Coal	0	0	0	0	0	0	0
Indiana Michigan Power Co. - SEC	**2,375**	**2,375**	**1,564**	**941**	**458**	**50**	**2,963**
110 Kentucky Power Co. - Distribution	237	237	180	101	57	12	338
117 Kentucky Power Co. - Generation	77	77	109	82	22	11	213
180 Kentucky Power Co. - Transmission	1	1	16	12	1	1	29
600 Kentucky Power Co. - Kammer Actives	35	35	0	0	0	0	0
701 Kentucky Power Co. - Mitchell Actives	228	228	0	0	0	0	0
702 Kentucky Power Co. - Mitchell Inactives	0	0	116	89	21	4	226
Kentucky Power Co.	**578**	**578**	**421**	**284**	**101**	**28**	**806**
250 Ohio Power Co. - Distribution	1,449	1,449	1,649	998	458	30	3,105
160 Ohio Power Co. - Transmission	10	10	222	158	53	4	433
Ohio Power Co.	**1,459**	**1,459**	**1,871**	**1,156**	**511**	**34**	**3,538**
167 Public Service Co. of Oklahoma - Distribution	614	614	526	333	173	19	1,032
198 Public Service Co. of Oklahoma - Generation	355	355	214	137	56	9	407
114 Public Service Co. of Oklahoma - Transmission	88	88	54	37	20	1	111
Public Service Co. of Oklahoma	**1,057**	**1,057**	**794**	**507**	**249**	**29**	**1,550**
159 Southwestern Electric Power Co. - Distribution	486	486	329	205	87	8	621
168 Southwestern Electric Power Co. - Generation	584	584	266	187	90	11	543
161 Southwestern Electric Power Co. - Texas - Distribution	224	224	155	98	42	7	295
111 Southwestern Electric Power Co. - Texas - Transmission	0	0	0	0	0	0	0
194 Southwestern Electric Power Co. - Transmission	85	85	51	33	20	0	104
Southwestern Electric Power Co.	**1,379**	**1,379**	**801**	**523**	**239**	**26**	**1,563**
119 AEP Texas North Company - Distribution	239	239	240	140	68	9	448
166 AEP Texas North Company - Generation	0	0	107	57	35	0	199
192 AEP Texas North Company - Transmission	56	56	34	18	11	0	63
AEP Texas North Co.	**295**	**295**	**381**	**215**	**114**	**9**	**710**
230 Kingsport Power Co. - Distribution	49	49	51	30	17	1	98
260 Kingsport Power Co. - Transmission	0	0	8	4	1	1	13
Kingsport Power Co.	**49**	**49**	**59**	**34**	**18**	**2**	**111**
210 Wheeling Power Co. - Distribution	46	46	63	39	30	0	132
200 Wheeling Power Co. - Transmission	0	0	3	2	7	0	12
Wheeling Power Co.	**46**	**46**	**66**	**41**	**37**	**0**	**144**
103 American Electric Power Service Corporation	5,203	5,203	2,748	1,636	318	55	4,702
American Electric Power Service Corporation	**5,203**	**5,203**	**2,748**	**1,636**	**318**	**55**	**4,702**
143 AEP Pro Serv, Inc.	0	0	1	1	0	0	2
189 Central Coal Company	0	0	0	0	0	0	0
171 CSW Energy, Inc.	0	0	8	2	0	0	10
175 AEP Energy Partners	82	82	0	0	0	0	0
Miscellaneous	**82**	**82**	**9**	**3**	**0**	**0**	**12**
270 Cook Coal Terminal	20	20	9	6	2	0	17
AEP Generating Company	**20**	**20**	**9**	**6**	**2**	**0**	**17**
104 Cardinal Operating Company	283	283	194	137	53	6	384
181 Ohio Power Co. - Generation	606	606	1,135	757	304	24	2,196
AEP Generation Resources - FERC	**889**	**889**	**1,329**	**894**	**357**	**30**	**2,580**
290 Conesville Coal Preparation Company	0	0	13	11	1	0	25
AEP Generation Resources - SEC	**889**	**889**	**1,342**	**905**	**358**	**30**	**2,605**
293 Elmwood	74	74	18	3	2	1	23
292 AEP River Operations LLC	897	897	59	28	5	18	92
AEP River Operations	**971**	**971**	**77**	**31**	**7**	**19**	**115**
Total	**17,214**	**17,214**	**13,214**	**8,338**	**3,362**	**404**	**24,914**

AMERICAN ELECTRIC POWER
NON-UMWA POSTRETIREMENT WELFARE PLAN
2015 NET PERIODIC POSTRETIREMENT BENEFIT COST

Location	Accumulated Postretirement Benefit Obligation	Expected Net Benefit Payments	Fair Value of Assets	Service Cost	Interest Cost	Expected Return on Assets	Amortizations PSC	Amortizations (G)/L	Net Periodic Postretirement Benefit Cost
140 Appalachian Power Co. - Distribution	$115,352,528	$9,020,044	$142,312,709	$616,211	$4,460,117	($9,333,519)	($5,097,397)	$1,429,971	($7,924,617)
215 Appalachian Power Co. - Generation	$95,486,715	$7,203,248	$117,803,861	$523,451	$3,697,754	($7,726,116)	($4,162,884)	$1,183,704	($6,484,091)
150 Appalachian Power Co. - Transmission	$12,231,361	$879,634	$15,090,073	$2,978	$471,953	($989,676)	($781,538)	$151,626	($1,144,657)
Appalachian Power Co. - FERC	**$223,070,604**	**$17,102,925**	**$275,206,643**	**$1,142,640**	**$8,629,824**	**($18,049,311)**	**($10,041,819)**	**$2,765,301**	**($15,553,365)**
225 Cedar Coal Co	$832,104	$109,451	$1,026,583	$0	$31,117	($67,328)	($8,202)	$10,315	($34,098)
Appalachian Power Co. - SEC	**$223,902,708**	**$17,212,377**	**$276,233,226**	**$1,142,640**	**$8,660,941**	**($18,116,639)**	**($10,050,021)**	**$2,775,616**	**($15,587,463)**
211 AEP Texas Central Company - Distribution	$82,334,760	$6,093,682	$101,578,032	$534,292	$3,194,083	($6,661,952)	($3,881,048)	$1,020,666	($5,793,959)
147 AEP Texas Central Company - Generation	$0	$0	$0	$0	$0	$0	($15,337)	$0	($15,337)
169 AEP Texas Central Company - Transmission	$7,462,754	$510,257	$9,206,948	$61,324	$290,858	($603,834)	($391,921)	$92,512	($551,061)
AEP Texas Central Co.	**$89,797,514**	**$6,603,939**	**$110,784,980**	**$595,616**	**$3,484,941**	**($7,265,786)**	**($4,288,306)**	**$1,113,178**	**($6,360,357)**
170 Indiana Michigan Power Co. - Distribution	$58,053,187	$4,791,054	$71,621,372	$356,540	$2,241,508	($4,697,257)	($2,601,438)	$719,658	($3,980,989)
132 Indiana Michigan Power Co. - Generation	$31,966,402	$2,267,747	$39,437,586	$239,651	$1,243,332	($2,586,497)	($1,850,054)	$396,273	($2,557,295)
190 Indiana Michigan Power Co. - Nuclear	$50,567,561	$3,102,063	$62,386,206	$819,335	$1,994,043	($4,091,573)	($3,561,730)	$626,862	($4,213,063)
120 Indiana Michigan Power Co. - Transmission	$11,580,749	$743,053	$14,287,401	$70,023	$451,316	($937,033)	($596,815)	$143,561	($868,948)
280 Ind Mich River Transp Lakin	$11,170,753	$727,000	$13,781,580	$140,191	$438,040	($903,859)	($811,278)	$138,479	($998,427)
Indiana Michigan Power Co. - FERC	**$163,338,652**	**$11,630,917**	**$201,514,145**	**$1,625,740**	**$6,368,239**	**($13,216,219)**	**($9,421,315)**	**$2,024,833**	**($12,618,722)**
202 Price River Coal	$0	$0	$0	$0	$0	$0	$0	$0	$0
Indiana Michigan Power Co. - SEC	**$163,338,652**	**$11,630,917**	**$201,514,145**	**$1,625,740**	**$6,368,239**	**($13,216,219)**	**($9,421,315)**	**$2,024,833**	**($12,618,722)**
110 Kentucky Power Co. - Distribution	$20,193,184	$1,437,611	$24,912,733	$124,427	$784,234	($1,633,891)	($1,210,578)	$250,325	($1,685,483)
117 Kentucky Power Co. - Generation	$12,537,348	$872,292	$15,467,576	$40,169	$485,826	($1,014,434)	($611,828)	$155,420	($944,847)
180 Kentucky Power Co. - Transmission	$1,272,901	$116,822	$1,570,403	$236	$48,612	($102,994)	($198,150)	$15,780	($236,516)
600 Kentucky Power Co. - Kammer Actives	$923,123	$6,614	$1,138,875	$25,824	$37,827	($74,693)	($42,530)	$11,444	($42,128)
701 Kentucky Power Co. - Mitchell Actives	$4,527,839	$28,573	$5,586,085	$152,853	$186,662	($366,361)	($160,767)	$56,130	($131,483)
702 Kentucky Power Co. - Mitchell Inactives	$10,715,550	$985,953	$13,219,987	$0	$409,096	($867,027)	($200,743)	$132,836	($525,838)
Kentucky Power Co.	**$50,169,945**	**$3,447,865**	**$61,895,659**	**$343,509**	**$1,952,257**	**($4,059,400)**	**($2,424,596)**	**$621,935**	**($3,566,295)**
250 Ohio Power Co. - Distribution	$147,930,791	$11,205,316	$182,505,161	$855,296	$5,729,534	($11,969,524)	($5,890,962)	$1,833,829	($9,441,827)
160 Ohio Power Co. - Transmission	$19,002,114	$1,488,234	$23,443,286	$6,570	$730,875	($1,537,518)	($1,031,548)	$235,560	($1,596,061)
Ohio Power Co.	**$166,932,905**	**$12,693,550**	**$205,948,447**	**$861,866**	**$6,460,409**	**($13,507,042)**	**($6,922,510)**	**$2,069,389**	**($11,037,888)**
167 Public Service Co. of Oklahoma - Distribution	$49,548,567	$3,607,412	$61,129,053	$377,327	$1,925,595	($4,009,123)	($2,477,659)	$614,230	($3,569,630)
198 Public Service Co. of Oklahoma - Generation	$22,788,054	$1,524,662	$28,114,076	$247,475	$891,227	($1,843,850)	($1,498,642)	$282,493	($1,921,297)
114 Public Service Co. of Oklahoma - Transmission	$5,629,582	$438,230	$6,945,327	$54,197	$218,672	($455,506)	($313,349)	$69,787	($426,199)
Public Service Co. of Oklahoma	**$77,966,203**	**$5,570,304**	**$96,188,456**	**$678,999**	**$3,035,494**	**($6,308,479)**	**($4,289,650)**	**$966,510**	**($5,917,126)**
159 Southwestern Electric Power Co. - Distribution	$33,359,092	$2,295,702	$41,155,776	$293,417	$1,300,636	($2,699,184)	($1,794,965)	$413,537	($2,486,559)
168 Southwestern Electric Power Co. - Generation	$31,667,494	$2,081,603	$39,068,818	$371,466	$1,240,335	($2,562,312)	($2,137,691)	$392,567	($2,695,635)
161 Southwestern Electric Power Co. - Texas - Distribution	$15,591,517	$1,092,751	$19,235,565	$134,427	$607,397	($1,261,556)	($942,674)	$193,281	($1,269,125)
111 Southwestern Electric Power Co. - Texas - Transmission	$0	$0	$0	$0	$0	$0	$0	$0	$0
194 Southwestern Electric Power Co. - Transmission	$5,165,309	$349,740	$6,372,545	$42,699	$201,394	($417,941)	($280,205)	$64,032	($390,021)
Southwestern Electric Power Co.	**$85,783,412**	**$5,819,796**	**$105,832,704**	**$842,009**	**$3,349,762**	**($6,940,993)**	**($5,155,535)**	**$1,063,417**	**($6,841,340)**
119 AEP Texas North Company - Distribution	$22,642,126	$1,563,353	$27,934,041	$157,867	$881,039	($1,832,042)	($1,276,048)	$280,684	($1,788,500)
166 AEP Texas North Company - Generation	$6,783,846	$553,322	$8,369,366	$0	$260,396	($548,901)	($67,677)	$84,096	($272,086)
192 AEP Texas North Company - Transmission	$3,091,279	$197,018	$3,813,772	$32,022	$121,030	($250,125)	($233,844)	$38,321	($292,596)
AEP Texas North Co.	**$32,517,251**	**$2,313,692**	**$40,117,179**	**$189,889**	**$1,262,465**	**($2,631,068)**	**($1,577,569)**	**$403,101**	**($2,353,182)**
230 Kingsport Power Co. - Distribution	$4,427,484	$345,622	$5,462,275	$32,000	$171,535	($358,241)	($177,403)	$54,885	($277,224)
260 Kingsport Power Co. - Transmission	$568,480	$49,515	$701,345	$0	$21,759	($45,997)	($40,419)	$7,047	($57,610)
Kingsport Power Co.	**$4,995,964**	**$395,137**	**$6,163,620**	**$32,000**	**$193,294**	**($404,238)**	**($217,822)**	**$61,932**	**($334,834)**
210 Wheeling Power Co. - Distribution	$5,967,364	$490,839	$7,362,056	$33,382	$230,309	($482,837)	($259,071)	$73,975	($404,242)
200 Wheeling Power Co. - Transmission	$336,348	$40,230	$414,959	$0	$12,657	($27,215)	($2,613)	$4,170	($13,001)
Wheeling Power Co.	**$6,303,712**	**$531,070**	**$7,777,015**	**$33,382**	**$242,966**	**($510,052)**	**($261,684)**	**$78,145**	**($417,243)**
103 American Electric Power Service Corporation	$305,076,322	$19,092,480	$376,378,733	$3,151,965	$11,951,027	($24,684,642)	($17,282,221)	$3,781,888	($23,081,983)
American Electric Power Service Corporation	**$305,076,322**	**$19,092,480**	**$376,378,733**	**$3,151,965**	**$11,951,027**	**($24,684,642)**	**($17,282,221)**	**$3,781,888**	**($23,081,983)**
143 AEP Pro Serv, Inc.	$161,941	$17,898	$199,790	$0	$6,123	($13,103)	($1,133)	$2,008	($6,105)
189 Central Coal Company	$0	$0	$0	$0	$0	$0	$0	$0	$0
171 CSW Energy, Inc.	$322,224	$22,882	$397,534	$0	$12,436	($26,072)	($15,366)	$3,994	($25,008)
Miscellaneous	**$484,165**	**$40,780**	**$597,324**	**$0**	**$18,559**	**($39,175)**	**($16,499)**	**$6,002**	**($31,113)**
270 Cook Coal Terminal	$1,202,555	$78,911	$1,483,616	$7,786	$46,851	($97,302)	($67,747)	$14,908	($95,504)
AEP Generating Company	**$1,202,555**	**$78,911**	**$1,483,616**	**$7,786**	**$46,851**	**($97,302)**	**($67,747)**	**$14,908**	**($95,504)**
104 Cardinal Operating Company	$22,189,601	$1,564,420	$27,375,752	$184,697	$863,990	($1,795,427)	($1,116,823)	$275,074	($1,588,489)
181 Ohio Power Co. - Generation	$109,548,977	$8,840,614	$135,152,753	$393,276	$4,222,611	($8,863,936)	($4,359,566)	$1,358,028	($7,249,587)
AEP Generation Resources - FERC	**$131,738,578**	**$10,405,035**	**$162,528,505**	**$577,973**	**$5,086,601**	**($10,659,363)**	**($5,476,389)**	**$1,633,102**	**($8,838,076)**
290 Conesville Coal Preparation Company	$1,411,618	$129,118	$1,741,541	$0	$53,908	($114,218)	($51,555)	$17,499	($94,366)
AEP Generation Resources - SEC	**$133,150,196**	**$10,534,153**	**$164,270,046**	**$577,973**	**$5,140,509**	**($10,773,581)**	**($5,527,944)**	**$1,650,601**	**($8,932,442)**
175 AEP Energy Partners	$689,155	$2,068	$850,224	$43,352	$29,259	($55,762)	($31,686)	$8,543	($6,294)
AEP Energy Supply	**$133,839,351**	**$10,536,220**	**$165,120,270**	**$621,325**	**$5,169,768**	**($10,829,343)**	**($5,559,630)**	**$1,659,144**	**($8,938,736)**
293 Elmwood	$1,763,680	$66,080	$2,175,887	$73,100	$72,163	($142,705)	($276,067)	$21,864	($251,645)
292 AEP River Operations LLC	$9,943,229	$345,755	$12,267,160	$616,544	$415,544	($804,536)	($1,245,634)	$123,262	($894,820)
AEP River Operations	**$11,706,909**	**$411,836**	**$14,443,047**	**$689,644**	**$487,707**	**($947,241)**	**($1,521,701)**	**$145,126**	**($1,146,465)**
Total	**$1,354,017,568**	**$96,378,874**	**$1,670,478,421**	**$10,816,370**	**$52,684,680**	**($109,557,619)**	**($69,056,806)**	**$16,785,124**	**($98,328,251)**

AMERICAN ELECTRIC POWER
NON-UMWA POSTRETIREMENT WELFARE PLAN
10-YEAR PRW COST FORECAST
($000s)

		ASC 715-60 Cost 2015	Estimated Net Periodic Postretirement Benefit Cost 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
140	Appalachian Power Co - Distribution	($7,925)	($8,106)	($8,293)	($8,487)	($8,684)	($8,786)	($9,012)	($9,242)	($8,849)	($5,377)	($4,884)
215	Appalachian Power Co - Generation	($6,484)	($6,642)	($6,810)	($6,985)	($7,160)	($7,261)	($7,474)	($7,698)	($7,379)	($4,620)	($4,286)
150	Appalachian Power Co - Transmission	($1,145)	($1,163)	($1,182)	($1,204)	($1,224)	($1,240)	($1,271)	($1,304)	($1,239)	($704)	($622)
	Appalachian Power Co. - FERC	**($15,554)**	**($15,911)**	**($16,285)**	**($16,676)**	**($17,068)**	**($17,287)**	**($17,757)**	**($18,244)**	**($17,467)**	**($10,701)**	**($9,792)**
225	Cedar Coal Co.	($34)	($34)	($33)	($32)	($32)	($30)	($30)	($29)	($24)	($19)	($18)
	Appalachian Power Co. - SEC	**($15,588)**	**($15,945)**	**($16,318)**	**($16,708)**	**($17,100)**	**($17,317)**	**($17,787)**	**($18,273)**	**($17,491)**	**($10,720)**	**($9,810)**
211	AEP Texas Central Company - Distribution	($5,794)	($5,940)	($6,090)	($6,248)	($6,415)	($6,509)	($6,699)	($6,894)	($6,616)	($3,987)	($3,624)
147	AEP Texas Central Company - Generation	($15)	($15)	($15)	($15)	($15)	($15)	($15)	($15)	($9)	$0	$0
169	AEP Texas Central Company - Transmission	($551)	($566)	($583)	($599)	($617)	($627)	($646)	($665)	($639)	($374)	($338)
	AEP Texas Central Co.	**($6,360)**	**($6,521)**	**($6,688)**	**($6,862)**	**($7,047)**	**($7,151)**	**($7,360)**	**($7,574)**	**($7,264)**	**($4,361)**	**($3,962)**
170	Indiana Michigan Power Co - Distribution	($3,981)	($4,067)	($4,154)	($4,244)	($4,337)	($4,375)	($4,478)	($4,583)	($4,351)	($2,585)	($2,337)
132	Indiana Michigan Power Co - Generation	($2,557)	($2,620)	($2,683)	($2,748)	($2,815)	($2,852)	($2,928)	($3,002)	($2,869)	($1,593)	($1,393)
190	Indiana Michigan Power Co - Nuclear	($4,213)	($4,352)	($4,494)	($4,642)	($4,803)	($4,901)	($5,068)	($5,244)	($5,049)	($2,642)	($2,305)
120	Indiana Michigan Power Co - Transmission	($869)	($893)	($918)	($945)	($973)	($991)	($1,023)	($1,058)	($1,014)	($617)	($566)
280	Indiana Michigan River Transportation (Lakin)	($998)	($1,025)	($1,053)	($1,083)	($1,113)	($1,130)	($1,160)	($1,194)	($1,144)	($583)	($499)
	Indiana Michigan Power Co. - FERC	**($12,618)**	**($12,957)**	**($13,302)**	**($13,662)**	**($14,041)**	**($14,249)**	**($14,657)**	**($15,081)**	**($14,427)**	**($8,020)**	**($7,100)**
202	Price River Coal	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	Indiana Michigan Power Co. - SEC	**($12,618)**	**($12,957)**	**($13,302)**	**($13,662)**	**($14,041)**	**($14,249)**	**($14,657)**	**($15,081)**	**($14,427)**	**($8,020)**	**($7,100)**
110	Kentucky Power Co - Distribution	($1,685)	($1,723)	($1,763)	($1,800)	($1,841)	($1,864)	($1,909)	($1,955)	($1,872)	($1,031)	($899)
117	Kentucky Power Co - Generation	($945)	($967)	($989)	($1,011)	($1,035)	($1,049)	($1,078)	($1,106)	($1,058)	($643)	($585)
180	Kentucky Power Co - Transmission	($237)	($237)	($239)	($241)	($243)	($245)	($248)	($251)	($237)	($93)	($65)
600	Kentucky Power Co. - Kammer Actives	($42)	($47)	($52)	($57)	($62)	($65)	($69)	($73)	($77)	($51)	($42)
701	Kentucky Power Co. - Mitchell Actives	($131)	($157)	($183)	($211)	($239)	($256)	($283)	($308)	($334)	($262)	($233)
702	Kentucky Power Co. - Mitchell Inactives	($526)	($535)	($543)	($551)	($564)	($571)	($590)	($610)	($631)	($562)	($478)
	Kentucky Power Co.	**($3,566)**	**($3,666)**	**($3,769)**	**($3,871)**	**($3,984)**	**($4,050)**	**($4,177)**	**($4,303)**	**($4,209)**	**($2,642)**	**($2,302)**
250	Ohio Power Co - Distribution	($9,442)	($9,691)	($9,945)	($10,210)	($10,484)	($10,623)	($10,930)	($11,248)	($10,795)	($6,858)	($6,369)
160	Ohio Power Co - Transmission	($1,596)	($1,620)	($1,646)	($1,676)	($1,708)	($1,725)	($1,763)	($1,805)	($1,709)	($1,004)	($896)
	Ohio Power Co.	**($11,038)**	**($11,311)**	**($11,591)**	**($11,886)**	**($12,192)**	**($12,348)**	**($12,693)**	**($13,053)**	**($12,504)**	**($7,862)**	**($7,265)**
167	Public Service Co of Oklahoma - Distribution	($3,570)	($3,662)	($3,759)	($3,858)	($3,966)	($4,026)	($4,139)	($4,260)	($4,087)	($2,404)	($2,168)
198	Public Service Co of Oklahoma - Generation	($1,921)	($1,973)	($2,025)	($2,081)	($2,140)	($2,174)	($2,234)	($2,298)	($2,210)	($1,169)	($1,004)
114	Public Service Co of Oklahoma - Transmission	($426)	($436)	($446)	($459)	($471)	($478)	($492)	($506)	($486)	($274)	($244)
	Public Service Co. of Oklahoma	**($5,917)**	**($6,071)**	**($6,230)**	**($6,398)**	**($6,577)**	**($6,678)**	**($6,865)**	**($7,064)**	**($6,783)**	**($3,847)**	**($3,416)**
159	Southwestern Electric Power Co - Distribution	($2,487)	($2,554)	($2,629)	($2,706)	($2,789)	($2,839)	($2,930)	($3,023)	($3,037)	($1,758)	($1,533)
168	Southwestern Electric Power Co - Generation	($2,696)	($2,770)	($2,847)	($2,926)	($3,007)	($3,058)	($3,149)	($3,239)	($3,123)	($1,640)	($1,404)
161	Southwestern Electric Power Co - Texas - Distribution	($1,269)	($1,300)	($1,333)	($1,369)	($1,405)	($1,428)	($1,469)	($1,514)	($1,460)	($814)	($720)
111	Southwestern Electric Power Co - Texas - Transmission	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
194	Southwestern Electric Power Co - Transmission	($390)	($401)	($412)	($423)	($435)	($443)	($458)	($474)	($457)	($270)	($245)
	Southwestern Electric Power Co.	**($6,842)**	**($7,025)**	**($7,221)**	**($7,424)**	**($7,636)**	**($7,768)**	**($8,006)**	**($8,250)**	**($8,077)**	**($4,482)**	**($3,902)**
119	AEP Texas North Company - Distribution	($1,789)	($1,833)	($1,881)	($1,924)	($1,972)	($2,000)	($2,051)	($2,104)	($2,017)	($1,132)	($994)
166	AEP Texas North Company - Generation	($272)	($280)	($288)	($295)	($302)	($304)	($312)	($320)	($297)	($263)	($267)
192	AEP Texas North Company - Transmission	($293)	($300)	($307)	($315)	($322)	($326)	($334)	($342)	($326)	($162)	($134)
	AEP Texas North Co.	**($2,354)**	**($2,413)**	**($2,476)**	**($2,534)**	**($2,596)**	**($2,630)**	**($2,697)**	**($2,766)**	**($2,640)**	**($1,557)**	**($1,395)**
230	Kingsport Power Co - Distribution	($277)	($285)	($292)	($301)	($308)	($314)	($324)	($335)	($323)	($207)	($194)
260	Kingsport Power Co - Transmission	($58)	($58)	($59)	($59)	($60)	($60)	($61)	($62)	($57)	($29)	($24)
	Kingsport Power Co.	**($335)**	**($343)**	**($351)**	**($360)**	**($368)**	**($374)**	**($385)**	**($397)**	**($380)**	**($236)**	**($218)**
210	Wheeling Power Co - Distribution	($404)	($413)	($422)	($431)	($442)	($447)	($459)	($471)	($451)	($274)	($248)
200	Wheeling Power Co - Transmission	($13)	($13)	($13)	($13)	($12)	($12)	($11)	($11)	($9)	($7)	($6)
	Wheeling Power Co.	**($417)**	**($426)**	**($435)**	**($444)**	**($454)**	**($459)**	**($470)**	**($482)**	**($460)**	**($281)**	**($254)**
103	American Electric Power Service Corporation	($23,082)	($23,799)	($24,561)	($25,350)	($26,180)	($26,709)	($27,628)	($28,613)	($27,474)	($16,115)	($14,745)
	American Electric Power Service Corp	**($23,082)**	**($23,799)**	**($24,561)**	**($25,350)**	**($26,180)**	**($26,709)**	**($27,628)**	**($28,613)**	**($27,474)**	**($16,115)**	**($14,745)**
143	AEP Pro Serv, Inc.	($6)	($6)	($6)	($6)	($6)	($6)	($6)	($7)	($7)	($7)	($8)
171	CSW Energy, Inc.	($25)	($26)	($26)	($27)	($27)	($28)	($29)	($30)	($30)	($19)	($18)
189	Central Coal Company	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	Miscellaneous	**($31)**	**($32)**	**($32)**	**($33)**	**($33)**	**($34)**	**($35)**	**($37)**	**($37)**	**($26)**	**($26)**
293	Elmwood	($252)	($260)	($269)	($279)	($290)	($297)	($307)	($318)	($311)	($114)	($81)
292	AEP River Operations LLC	($895)	($954)	($1,019)	($1,092)	($1,170)	($1,221)	($1,298)	($1,382)	($1,381)	($551)	($459)
	AEP River Operations	**($1,147)**	**($1,214)**	**($1,288)**	**($1,371)**	**($1,460)**	**($1,518)**	**($1,605)**	**($1,700)**	**($1,692)**	**($665)**	**($540)**
270	Cook Coal Terminal	($96)	($98)	($100)	($103)	($105)	($106)	($109)	($111)	($105)	($58)	($51)
	AEP Generating Company	**($96)**	**($98)**	**($100)**	**($103)**	**($105)**	**($106)**	**($109)**	**($111)**	**($105)**	**($58)**	**($51)**
104	Cardinal Operating Company	($1,588)	($1,634)	($1,676)	($1,725)	($1,776)	($1,809)	($1,867)	($1,926)	($1,854)	($1,105)	($1,008)
181	Ohio Power Co - Generation	($7,250)	($7,405)	($7,554)	($7,716)	($7,883)	($7,967)	($8,175)	($8,394)	($7,949)	($4,971)	($4,732)
	AEP Generation Resources - FERC	**($8,838)**	**($9,039)**	**($9,230)**	**($9,441)**	**($9,659)**	**($9,776)**	**($10,042)**	**($10,320)**	**($9,803)**	**($6,076)**	**($5,740)**
290	Conesville Coal Preparation Company	($94)	($95)	($97)	($98)	($100)	($100)	($101)	($102)	($96)	($61)	($56)
	AEP Generation Resources - SEC	**($8,932)**	**($9,134)**	**($9,327)**	**($9,539)**	**($9,759)**	**($9,876)**	**($10,143)**	**($10,422)**	**($9,899)**	**($6,137)**	**($5,796)**
175	AEP Energy Partners	($6)	($11)	($17)	($22)	($29)	($33)	($40)	($48)	($53)	($40)	($46)
	AEP Energy Supply	**($8,938)**	**($9,145)**	**($9,344)**	**($9,561)**	**($9,788)**	**($9,909)**	**($10,183)**	**($10,470)**	**($9,952)**	**($6,177)**	**($5,842)**
	Total	**($98,329)**	**($100,966)**	**($103,706)**	**($106,567)**	**($109,561)**	**($111,300)**	**($114,657)**	**($118,174)**	**($113,495)**	**($67,049)**	**($60,828)**

AMERICAN ELECTRIC POWER
NON-UMWA POSTRETIREMENT WELFARE PLAN
ESTIMATED 2016 NET PERIODIC POSTRETIREMENT BENEFIT COST

Location	Accumulated Postretirement Benefit Obligation	Expected Net Benefit Payments	Fair Value of Assets	Service Cost	Interest Cost	Expected Return on Assets	Amortizations PSC	Amortizations (G)/L	Net Periodic Postretirement Benefit Cost
140 Appalachian Power Co. - Distribution	$109,703,825	$8,862,631	$141,979,110	$603,000	$4,501,669	($9,314,694)	($5,097,397)	$1,201,360	($8,106,062)
215 Appalachian Power Co. - Generation	$91,088,992	$7,038,816	$117,887,722	$512,229	$3,745,033	($7,734,153)	($4,162,884)	$997,510	($6,642,265)
150 Appalachian Power Co. - Transmission	$11,645,664	$845,760	$15,071,863	$2,914	$477,279	($988,806)	($781,538)	$127,531	($1,162,620)
Appalachian Power Co. - FERC	**$212,438,481**	**$16,747,207**	**$274,938,695**	**$1,118,143**	**$8,723,981**	**($18,037,653)**	**($10,041,819)**	**$2,326,401**	**($15,910,947)**
225 Cedar Coal Co	$742,234	$105,401	$960,602	$0	$29,328	($63,021)	($8,202)	$8,128	($33,767)
Appalachian Power Co. - SEC	**$213,180,715**	**$16,852,608**	**$275,899,297**	**$1,118,143**	**$8,753,309**	**($18,100,674)**	**($10,050,021)**	**$2,334,529**	**($15,944,714)**
211 AEP Texas Central Company - Distribution	$78,745,610	$6,039,614	$101,912,870	$522,837	$3,241,903	($6,686,105)	($3,881,048)	$862,339	($5,940,074)
147 AEP Texas Central Company - Generation	$0	$0	$0	$0	$0	$0	($15,337)	$0	($15,337)
169 AEP Texas Central Company - Transmission	$7,192,889	$506,745	$9,309,064	$60,009	$297,592	($610,731)	($391,921)	$78,769	($566,282)
AEP Texas Central Co.	**$85,938,499**	**$6,546,359**	**$111,221,934**	**$582,846**	**$3,539,495**	**($7,296,836)**	**($4,288,306)**	**$941,108**	**($6,521,693)**
170 Indiana Michigan Power Co. - Distribution	$55,005,303	$4,692,771	$71,188,074	$348,896	$2,253,870	($4,670,371)	($2,601,438)	$602,360	($4,066,683)
132 Indiana Michigan Power Co. - Generation	$30,704,438	$2,291,703	$39,737,801	$234,513	$1,266,713	($2,607,042)	($1,850,054)	$336,242	($2,619,628)
190 Indiana Michigan Power Co. - Nuclear	$49,509,414	$3,245,159	$64,075,273	$801,769	$2,069,983	($4,203,728)	($3,561,730)	$542,175	($4,351,531)
120 Indiana Michigan Power Co. - Transmission	$11,185,198	$736,928	$14,475,926	$68,522	$462,786	($949,709)	($596,815)	$122,488	($892,728)
280 Ind Mich River Transp Lakin	$10,853,305	$750,210	$14,046,389	$137,185	$451,320	($921,529)	($811,278)	$118,854	($1,025,448)
Indiana Michigan Power Co. - FERC	**$157,257,658**	**$11,716,771**	**$203,523,463**	**$1,590,885**	**$6,504,672**	**($13,352,379)**	**($9,421,315)**	**$1,722,119**	**($12,956,018)**
202 Price River Coal	$0	$0	$0	$0	$0	$0	$0	$0	$0
Indiana Michigan Power Co. - SEC	**$157,257,658**	**$11,716,771**	**$203,523,463**	**$1,590,885**	**$6,504,672**	**($13,352,379)**	**($9,421,315)**	**$1,722,119**	**($12,956,018)**
110 Kentucky Power Co. - Distribution	$19,363,295	$1,440,194	$25,060,050	$121,759	$797,829	($1,644,092)	($1,210,578)	$212,046	($1,723,036)
117 Kentucky Power Co. - Generation	$12,004,481	$894,823	$15,536,245	$39,308	$493,044	($1,019,272)	($611,828)	$131,460	($967,288)
180 Kentucky Power Co. - Transmission	$1,186,487	$91,158	$1,535,556	$231	$48,519	($100,742)	($198,150)	$12,993	($237,149)
600 Kentucky Power Co. - Kammer Actives	$965,160	$20,359	$1,249,114	$25,270	$41,665	($81,949)	($42,530)	$10,569	($46,975)
701 Kentucky Power Co. - Mitchell Actives	$4,764,729	$87,979	$6,166,530	$149,576	$207,008	($404,562)	($160,767)	$52,178	($156,567)
702 Kentucky Power Co. - Mitchell Inactives	$9,983,532	$950,944	$12,920,725	$0	$404,303	($847,678)	($200,743)	$109,329	($534,789)
Kentucky Power Co.	**$48,267,684**	**$3,485,457**	**$62,468,220**	**$336,144**	**$1,992,368**	**($4,098,295)**	**($2,424,596)**	**$528,575**	**($3,665,804)**
250 Ohio Power Co. - Distribution	$141,117,101	$11,121,935	$182,634,292	$836,959	$5,799,166	($11,981,922)	($5,890,962)	$1,545,365	($9,691,394)
160 Ohio Power Co. - Transmission	$17,972,009	$1,395,248	$23,259,443	$6,429	$734,743	($1,525,961)	($1,031,548)	$196,810	($1,619,527)
Ohio Power Co.	**$159,089,110**	**$12,517,183**	**$205,893,735**	**$843,388**	**$6,533,909**	**($13,507,883)**	**($6,922,510)**	**$1,742,175**	**($11,310,921)**
167 Public Service Co. of Oklahoma - Distribution	$47,505,755	$3,575,095	$61,482,130	$369,238	$1,959,507	($4,033,602)	($2,477,659)	$520,233	($3,662,283)
198 Public Service Co. of Oklahoma - Generation	$22,059,255	$1,559,802	$28,549,172	$242,169	$915,010	($1,873,000)	($1,498,642)	$241,570	($1,972,893)
114 Public Service Co. of Oklahoma - Transmission	$5,380,597	$431,602	$6,963,589	$53,035	$221,853	($456,854)	($313,349)	$58,923	($436,392)
Public Service Co. of Oklahoma	**$74,945,607**	**$5,566,499**	**$96,994,891**	**$664,442**	**$3,096,370**	**($6,363,456)**	**($4,289,650)**	**$820,726**	**($6,071,568)**
159 Southwestern Electric Power Co. - Distribution	$32,157,658	$2,232,686	$41,618,564	$287,126	$1,331,952	($2,730,431)	($1,794,965)	$352,157	($2,554,161)
168 Southwestern Electric Power Co. - Generation	$30,720,246	$2,125,957	$39,758,260	$363,502	$1,276,353	($2,608,384)	($2,137,691)	$336,416	($2,769,804)
161 Southwestern Electric Power Co. - Texas - Distribution	$15,007,350	$1,076,151	$19,422,570	$131,545	$620,773	($1,274,239)	($942,674)	$164,345	($1,300,250)
111 Southwestern Electric Power Co. - Texas - Transmission	$0	$0	$0	$0	$0	$0	$0	$0	$0
194 Southwestern Electric Power Co. - Transmission	$4,982,230	$359,672	$6,448,021	$41,784	$205,957	($423,029)	($280,205)	$54,560	($400,933)
Southwestern Electric Power Co.	**$82,867,484**	**$5,794,466**	**$107,247,415**	**$823,957**	**$3,435,035**	**($7,036,083)**	**($5,155,535)**	**$907,478**	**($7,025,148)**
119 AEP Texas North Company - Distribution	$21,779,193	$1,578,470	$28,186,715	$154,483	$898,988	($1,849,220)	($1,276,048)	$238,503	($1,833,294)
166 AEP Texas North Company - Generation	$6,391,584	$559,204	$8,272,012	$0	$259,883	($542,694)	($67,677)	$69,994	($280,494)
192 AEP Texas North Company - Transmission	$3,000,677	$206,356	$3,883,488	$31,335	$124,521	($254,780)	($233,844)	$32,860	($299,908)
AEP Texas North Co.	**$31,171,454**	**$2,344,030**	**$40,342,215**	**$185,818**	**$1,283,392**	**($2,646,694)**	**($1,577,569)**	**$341,357**	**($2,413,696)**
230 Kingsport Power Co. - Distribution	$4,219,814	$338,834	$5,461,299	$31,314	$173,548	($358,294)	($177,403)	$46,211	($284,624)
260 Kingsport Power Co. - Transmission	$532,449	$52,708	$689,098	$0	$21,521	($45,209)	($40,419)	$5,831	($58,276)
Kingsport Power Co.	**$4,752,263**	**$391,542**	**$6,150,397**	**$31,314**	**$195,069**	**($403,503)**	**($217,822)**	**$52,042**	**($342,900)**
210 Wheeling Power Co. - Distribution	$5,652,368	$473,861	$7,315,316	$32,666	$231,649	($479,929)	($259,071)	$61,899	($412,786)
200 Wheeling Power Co. - Transmission	$304,050	$39,292	$393,503	$0	$12,096	($25,816)	($2,613)	$3,330	($13,003)
Wheeling Power Co.	**$5,956,418**	**$513,153**	**$7,708,819**	**$32,666**	**$243,745**	**($505,745)**	**($261,684)**	**$65,229**	**($425,789)**
103 American Electric Power Service Corporation	$296,479,033	$19,284,547	$383,704,299	$3,084,393	$12,325,917	($25,173,337)	($17,282,221)	$3,246,725	($23,798,523)
American Electric Power Service Corporation	**$296,479,033**	**$19,284,547**	**$383,704,299**	**$3,084,393**	**$12,325,917**	**($25,173,337)**	**($17,282,221)**	**$3,246,725**	**($23,798,523)**
143 AEP Pro Serv, Inc.	$147,868	$18,498	$191,371	$0	$5,895	($12,555)	($1,133)	$1,619	($6,174)
189 Central Coal Company	$0	$0	$0	$0	$0	$0	$0	$0	$0
171 CSW Energy, Inc.	$307,007	$23,659	$397,330	$0	$12,550	($26,067)	($15,366)	$3,362	($25,521)
Miscellaneous	**$454,875**	**$42,157**	**$588,701**	**$0**	**$18,445**	**($38,622)**	**($16,499)**	**$4,981**	**($31,695)**
270 Cook Coal Terminal	$1,160,249	$86,127	$1,501,599	$7,619	$47,823	($98,514)	($67,747)	$12,706	($98,113)
AEP Generating Company	**$1,160,249**	**$86,127**	**$1,501,599**	**$7,619**	**$47,823**	**($98,514)**	**($67,747)**	**$12,706**	**($98,113)**
104 Cardinal Operating Company	$21,342,174	$1,604,523	$27,621,123	$180,737	$880,982	($1,812,114)	($1,116,823)	$233,717	($1,633,501)
181 Ohio Power Co. - Generation	$103,712,380	$8,741,844	$134,224,959	$384,845	$4,240,301	($8,805,975)	($4,359,566)	$1,135,748	($7,404,647)
AEP Generation Resources - FERC	**$125,054,554**	**$10,346,367**	**$161,846,082**	**$565,582**	**$5,121,283**	**($10,618,089)**	**($5,476,389)**	**$1,369,465**	**($9,038,148)**
290 Conesville Coal Preparation Company	$1,315,956	$117,565	$1,703,115	$0	$53,456	($111,735)	($51,555)	$14,411	($95,423)
AEP Generation Resources - SEC	**$126,370,510**	**$10,463,932**	**$163,549,197**	**$565,582**	**$5,174,739**	**($10,729,824)**	**($5,527,944)**	**$1,383,876**	**($9,133,571)**
175 AEP Energy Partners	$748,072	$5,663	$968,158	$42,423	$33,477	($63,517)	($31,686)	$8,192	($11,111)
AEP Energy Supply	**$127,118,582**	**$10,469,595**	**$164,517,355**	**$608,005**	**$5,208,216**	**($10,793,341)**	**($5,559,630)**	**$1,392,068**	**($9,144,682)**
293 Elmwood	$1,814,660	$72,121	$2,348,540	$71,533	$78,647	($154,079)	($276,067)	$19,872	($260,094)
292 AEP River Operations LLC	$10,466,888	$365,475	$13,546,286	$603,326	$462,799	($888,719)	($1,245,634)	$114,622	($953,606)
AEP River Operations	**$12,281,548**	**$437,596**	**$15,894,826**	**$674,859**	**$541,446**	**($1,042,798)**	**($1,521,701)**	**$134,494**	**($1,213,700)**
Total	**$1,300,921,179**	**$96,048,090**	**$1,683,657,166**	**$10,584,479**	**$53,719,211**	**($110,458,160)**	**($69,056,806)**	**$14,246,312**	**($100,964,964)**

AMERICAN ELECTRIC POWER
NON-UMWA POSTRETIREMENT WELFARE PLAN
ESTIMATED 2017 NET PERIODIC POSTRETIREMENT BENEFIT COST

Location	Accumulated Postretirement Benefit Obligation	Expected Net Benefit Payments	Fair Value of Assets	Service Cost	Interest Cost	Expected Return on Assets	Amortizations PSC	Amortizations (G)/L	Net Periodic Postretirement Benefit Cost
140 Appalachian Power Co. - Distribution	$104,324,480	$8,665,356	$141,747,944	$590,072	$4,528,330	($9,304,598)	($5,097,397)	$990,799	($8,292,794)
215 Appalachian Power Co. - Generation	$86,955,992	$6,914,596	$118,149,001	$501,247	$3,781,709	($7,755,520)	($4,162,884)	$825,845	($6,809,603)
150 Appalachian Power Co. - Transmission	$11,107,468	$807,019	$15,091,959	$2,852	$482,006	($990,664)	($781,538)	$105,491	($1,181,853)
Appalachian Power Co. - FERC	**$202,387,940**	**$16,386,971**	**$274,988,904**	**$1,094,171**	**$8,792,045**	**($18,050,782)**	**($10,041,819)**	**$1,922,135**	**($16,284,250)**
225 Cedar Coal Co	$655,966	$94,041	$891,275	$0	$27,426	($58,505)	($8,202)	$6,230	($33,051)
Appalachian Power Co. - SEC	**$203,043,906**	**$16,481,012**	**$275,880,179**	**$1,094,171**	**$8,819,471**	**($18,109,287)**	**($10,050,021)**	**$1,928,365**	**($16,317,301)**
211 AEP Texas Central Company - Distribution	$75,300,437	$5,894,661	$102,312,344	$511,628	$3,280,372	($6,715,972)	($3,881,048)	$715,149	($6,089,871)
147 AEP Texas Central Company - Generation	$0	$0	$0	$0	$0	$0	($15,337)	$0	($15,337)
169 AEP Texas Central Company - Transmission	$6,935,948	$518,172	$9,424,024	$58,722	$303,230	($618,610)	($391,921)	$65,873	($582,706)
AEP Texas Central Co.	**$82,236,385**	**$6,412,833**	**$111,736,368**	**$570,350**	**$3,583,602**	**($7,334,582)**	**($4,288,306)**	**$781,022**	**($6,687,914)**
170 Indiana Michigan Power Co. - Distribution	$52,105,489	$4,555,770	$70,796,863	$341,416	$2,258,734	($4,647,237)	($2,601,438)	$494,860	($4,153,665)
132 Indiana Michigan Power Co. - Generation	$29,456,161	$2,287,846	$40,022,728	$229,485	$1,284,944	($2,627,166)	($1,850,054)	$279,753	($2,683,038)
190 Indiana Michigan Power Co. - Nuclear	$48,384,035	$3,301,163	$65,740,443	$784,580	$2,139,129	($4,315,325)	($3,561,730)	$459,517	($4,493,829)
120 Indiana Michigan Power Co. - Transmission	$10,811,548	$742,996	$14,689,886	$67,053	$473,004	($964,271)	($596,815)	$102,680	($918,349)
280 Ind Mich River Transp Lakin	$10,527,977	$742,989	$14,304,592	$134,244	$463,267	($938,980)	($811,278)	$99,987	($1,052,760)
Indiana Michigan Power Co. - FERC	**$151,285,210**	**$11,630,764**	**$205,554,512**	**$1,556,778**	**$6,619,078**	**($13,492,979)**	**($9,421,315)**	**$1,436,797**	**($13,301,641)**
202 Price River Coal	$0	$0	$0	$0	$0	$0	$0	$0	$0
Indiana Michigan Power Co. - SEC	**$151,285,210**	**$11,630,764**	**$205,554,512**	**$1,556,778**	**$6,619,078**	**($13,492,979)**	**($9,421,315)**	**$1,436,797**	**($13,301,641)**
110 Kentucky Power Co. - Distribution	$18,554,323	$1,472,178	$25,210,163	$119,149	$807,547	($1,654,842)	($1,210,578)	$176,216	($1,762,508)
117 Kentucky Power Co. - Generation	$11,463,842	$881,481	$15,576,172	$38,465	$497,989	($1,022,449)	($611,828)	$108,875	($988,948)
180 Kentucky Power Co. - Transmission	$1,126,570	$86,886	$1,530,695	$226	$48,772	($100,478)	($198,150)	$10,699	($238,931)
600 Kentucky Power Co. - Kammer Actives	$996,253	$37,972	$1,353,631	$24,728	$45,099	($88,855)	($42,530)	$9,462	($52,096)
701 Kentucky Power Co. - Mitchell Actives	$4,956,304	$151,367	$6,734,238	$146,369	$226,252	($442,048)	($160,767)	$47,071	($183,123)
702 Kentucky Power Co. - Mitchell Inactives	$9,292,470	$871,753	$12,625,881	$0	$398,763	($828,786)	($200,743)	$88,253	($542,513)
Kentucky Power Co.	**$46,389,762**	**$3,501,637**	**$63,030,780**	**$328,937**	**$2,024,422**	**($4,137,458)**	**($2,424,596)**	**$440,576**	**($3,768,119)**
250 Ohio Power Co. - Distribution	$134,540,302	$10,876,216	$182,802,840	$819,016	$5,849,147	($11,999,518)	($5,890,962)	$1,277,767	($9,944,550)
160 Ohio Power Co. - Transmission	$17,052,901	$1,316,081	$23,170,148	$6,291	$738,378	($1,520,932)	($1,031,548)	$161,956	($1,645,855)
Ohio Power Co.	**$151,593,203**	**$12,192,297**	**$205,972,988**	**$825,307**	**$6,587,525**	**($13,520,450)**	**($6,922,510)**	**$1,439,723**	**($11,590,405)**
167 Public Service Co. of Oklahoma - Distribution	$45,551,457	$3,547,473	$61,891,757	$361,322	$1,987,135	($4,062,690)	($2,477,659)	$432,615	($3,759,277)
198 Public Service Co. of Oklahoma - Generation	$21,325,201	$1,539,940	$28,975,015	$236,977	$936,031	($1,901,974)	($1,498,642)	$202,531	($2,025,077)
114 Public Service Co. of Oklahoma - Transmission	$5,143,937	$394,165	$6,989,179	$51,898	$225,041	($458,783)	($313,349)	$48,853	($446,340)
Public Service Co. of Oklahoma	**$72,020,595**	**$5,481,578**	**$97,855,951**	**$650,197**	**$3,148,207**	**($6,423,447)**	**($4,289,650)**	**$683,999**	**($6,230,694)**
159 Southwestern Electric Power Co. - Distribution	$31,061,304	$2,237,402	$42,203,671	$280,970	$1,360,615	($2,770,327)	($1,794,965)	$294,998	($2,628,709)
168 Southwestern Electric Power Co. - Generation	$29,771,444	$2,165,090	$40,451,110	$355,709	$1,307,543	($2,655,286)	($2,137,691)	$282,748	($2,846,977)
161 Southwestern Electric Power Co. - Texas - Distribution	$14,458,802	$1,056,247	$19,645,489	$128,725	$632,935	($1,289,566)	($942,674)	$137,319	($1,333,261)
111 Southwestern Electric Power Co. - Texas - Transmission	$0	$0	$0	$0	$0	$0	$0	$0	$0
194 Southwestern Electric Power Co. - Transmission	$4,795,765	$363,667	$6,516,110	$40,888	$209,557	($427,730)	($280,205)	$45,547	($411,943)
Southwestern Electric Power Co.	**$80,087,315**	**$5,822,406**	**$108,816,380**	**$806,292**	**$3,510,650**	**($7,142,909)**	**($5,155,535)**	**$760,612**	**($7,220,890)**
119 AEP Texas North Company - Distribution	$20,928,922	$1,649,658	$28,436,582	$151,171	$911,895	($1,866,630)	($1,276,048)	$198,768	($1,880,844)
166 AEP Texas North Company - Generation	$5,999,028	$551,648	$8,151,010	$0	$257,681	($535,047)	($67,677)	$56,974	($288,069)
192 AEP Texas North Company - Transmission	$2,905,028	$220,264	$3,947,125	$30,663	$127,205	($259,097)	($233,844)	$27,590	($307,483)
AEP Texas North Co.	**$29,832,978**	**$2,421,570**	**$40,534,717**	**$181,834**	**$1,296,781**	**($2,660,774)**	**($1,577,569)**	**$283,332**	**($2,476,396)**
230 Kingsport Power Co. - Distribution	$4,023,313	$324,604	$5,466,563	$30,643	$175,205	($358,835)	($177,403)	$38,211	($292,179)
260 Kingsport Power Co. - Transmission	$493,591	$48,689	$670,653	$0	$21,128	($44,023)	($40,419)	$4,688	($58,626)
Kingsport Power Co.	**$4,516,904**	**$373,293**	**$6,137,216**	**$30,643**	**$196,333**	**($402,858)**	**($217,822)**	**$42,899**	**($350,805)**
210 Wheeling Power Co. - Distribution	$5,359,526	$453,431	$7,282,105	$31,966	$232,527	($478,011)	($259,071)	$50,901	($421,688)
200 Wheeling Power Co. - Transmission	$272,617	$38,227	$370,411	$0	$11,417	($24,314)	($2,613)	$2,589	($12,921)
Wheeling Power Co.	**$5,632,143**	**$491,658**	**$7,652,516**	**$31,966**	**$243,944**	**($502,325)**	**($261,684)**	**$53,490**	**($434,609)**
103 American Electric Power Service Corporation	$288,126,807	$19,647,839	$391,484,167	$3,018,269	$12,664,317	($25,697,750)	($17,282,221)	$2,736,422	($24,560,963)
American Electric Power Service Corporation	**$288,126,807**	**$19,647,839**	**$391,484,167**	**$3,018,269**	**$12,664,317**	**($25,697,750)**	**($17,282,221)**	**$2,736,422**	**($24,560,963)**
143 AEP Pro Serv, Inc.	$133,195	$19,067	$180,975	$0	$5,569	($11,880)	($1,133)	$1,265	($6,179)
189 Central Coal Company	$0	$0	$0	$0	$0	$0	$0	$0	$0
171 CSW Energy, Inc.	$291,370	$15,444	$395,891	$0	$12,768	($25,987)	($15,366)	$2,767	($25,818)
Miscellaneous	**$424,565**	**$34,511**	**$576,866**	**$0**	**$18,337**	**($37,867)**	**($16,499)**	**$4,032**	**($31,997)**
270 Cook Coal Terminal	$1,112,277	$84,287	$1,511,275	$7,456	$48,512	($99,203)	($67,747)	$10,564	($100,418)
AEP Generating Company	**$1,112,277**	**$84,287**	**$1,511,275**	**$7,456**	**$48,512**	**($99,203)**	**($67,747)**	**$10,564**	**($100,418)**
104 Cardinal Operating Company	$20,481,059	$1,520,125	$27,828,061	$176,862	$895,780	($1,826,686)	($1,116,823)	$194,514	($1,676,353)
181 Ohio Power Co. - Generation	$98,071,482	$8,333,493	$133,251,859	$376,594	$4,244,723	($8,746,899)	($4,359,566)	$931,412	($7,553,736)
AEP Generation Resources - FERC	**$118,552,541**	**$9,853,618**	**$161,079,920**	**$553,456**	**$5,140,503**	**($10,573,585)**	**($5,476,389)**	**$1,125,926**	**($9,230,089)**
290 Conesville Coal Preparation Company	$1,232,689	$111,286	$1,674,881	$0	$52,995	($109,942)	($51,555)	$11,707	($96,795)
AEP Generation Resources - SEC	**$119,785,230**	**$9,964,904**	**$162,754,801**	**$553,456**	**$5,193,498**	**($10,683,527)**	**($5,527,944)**	**$1,137,633**	**($9,326,884)**
175 AEP Energy Partners	$805,786	$11,012	$1,094,839	$41,514	$37,883	($71,867)	($31,686)	$7,653	($16,503)
AEP Energy Supply	**$120,591,016**	**$9,975,916**	**$163,849,640**	**$594,970**	**$5,231,381**	**($10,755,394)**	**($5,559,630)**	**$1,145,286**	**($9,343,387)**
293 Elmwood	$1,863,753	$86,055	$2,532,322	$69,999	$85,104	($166,226)	($276,067)	$17,701	($269,489)
292 AEP River Operations LLC	$10,996,631	$403,227	$14,941,362	$590,391	$512,443	($980,779)	($1,245,634)	$104,438	($1,019,141)
AEP River Operations	**$12,860,384**	**$489,282**	**$17,473,684**	**$660,390**	**$597,547**	**($1,147,005)**	**($1,521,701)**	**$122,139**	**($1,288,630)**
Total	**$1,249,753,450**	**$95,040,883**	**$1,698,067,239**	**$10,357,560**	**$54,590,107**	**($111,464,288)**	**($69,056,806)**	**$11,869,258**	**($103,704,169)**

AMERICAN ELECTRIC POWER
NON-UMWA POSTRETIREMENT WELFARE PLAN
ESTIMATED 2018 NET PERIODIC POSTRETIREMENT BENEFIT COST

Location	Accumulated Postretirement Benefit Obligation	Expected Net Benefit Payments	Fair Value of Assets	Service Cost	Interest Cost	Expected Return on Assets	Amortizations PSC	Amortizations (G)/L	Net Periodic Postretirement Benefit Cost
140 Appalachian Power Co. - Distribution	$99,235,239	$8,539,060	$141,664,146	$577,422	$4,540,651	($9,303,915)	($5,097,397)	$796,569	($8,486,670)
215 Appalachian Power Co. - Generation	$83,033,862	$6,867,642	$118,535,727	$490,501	$3,806,193	($7,784,936)	($4,162,884)	$666,519	($6,984,607)
150 Appalachian Power Co. - Transmission	$10,620,250	$812,307	$15,161,032	$2,791	$485,526	($995,714)	($781,538)	$85,250	($1,203,685)
Appalachian Power Co. - FERC	**$192,889,351**	**$16,219,009**	**$275,360,905**	**$1,070,714**	**$8,832,370**	**($18,084,565)**	**($10,041,819)**	**$1,548,338**	**($16,674,962)**
225 Cedar Coal Co	$580,332	$87,482	$828,458	$0	$25,512	($54,410)	($8,202)	$4,658	($32,442)
Appalachian Power Co. - SEC	**$193,469,683**	**$16,306,491**	**$276,189,363**	**$1,070,714**	**$8,857,882**	**($18,138,975)**	**($10,050,021)**	**$1,552,996**	**($16,707,404)**
211 AEP Texas Central Company - Distribution	$72,077,566	$5,792,855	$102,894,969	$500,659	$3,311,481	($6,757,716)	($3,881,048)	$578,572	($6,248,052)
147 AEP Texas Central Company - Generation	$0	$0	$0	$0	$0	$0	($15,337)	$0	($15,337)
169 AEP Texas Central Company - Transmission	$6,675,972	$505,521	$9,530,343	$57,463	$307,971	($625,913)	($391,921)	$53,589	($598,811)
AEP Texas Central Co.	**$78,753,538**	**$6,298,376**	**$112,425,312**	**$558,122**	**$3,619,452**	**($7,383,629)**	**($4,288,306)**	**$632,161**	**($6,862,200)**
170 Indiana Michigan Power Co. - Distribution	$49,382,381	$4,463,377	$70,496,256	$334,096	$2,256,757	($4,629,902)	($2,601,438)	$396,396	($4,244,091)
132 Indiana Michigan Power Co. - Generation	$28,243,787	$2,276,126	$40,319,669	$224,565	$1,298,816	($2,648,029)	($1,850,054)	$226,715	($2,747,987)
190 Indiana Michigan Power Co. - Nuclear	$47,271,894	$3,284,246	$67,483,412	$767,760	$2,204,788	($4,432,031)	($3,561,730)	$379,455	($4,641,758)
120 Indiana Michigan Power Co. - Transmission	$10,446,256	$744,604	$14,912,645	$65,615	$481,835	($979,401)	($596,815)	$83,853	($944,913)
280 Ind Mich River Transp Lakin	$10,223,606	$767,150	$14,594,800	$131,366	$473,853	($958,526)	($811,278)	$82,066	($1,082,519)
Indiana Michigan Power Co. - FERC	**$145,567,924**	**$11,535,503**	**$207,806,782**	**$1,523,402**	**$6,716,049**	**($13,647,889)**	**($9,421,315)**	**$1,168,485**	**($13,661,268)**
202 Price River Coal	$0	$0	$0	$0	$0	$0	$0	$0	$0
Indiana Michigan Power Co. - SEC	**$145,567,924**	**$11,535,503**	**$207,806,782**	**$1,523,402**	**$6,716,049**	**($13,647,889)**	**($9,421,315)**	**$1,168,485**	**($13,661,268)**
110 Kentucky Power Co. - Distribution	$17,733,236	$1,419,527	$25,315,238	$116,595	$814,544	($1,662,600)	($1,210,578)	$142,346	($1,799,693)
117 Kentucky Power Co. - Generation	$10,948,654	$861,138	$15,629,848	$37,640	$501,634	($1,026,504)	($611,828)	$87,886	($1,011,172)
180 Kentucky Power Co. - Transmission	$1,072,021	$83,721	$1,530,373	$221	$48,966	($100,509)	($198,150)	$8,605	($240,867)
600 Kentucky Power Co. - Kammer Actives	$1,012,374	$52,636	$1,445,223	$24,198	$48,002	($94,916)	($42,530)	$8,126	($57,120)
701 Kentucky Power Co. - Mitchell Actives	$5,098,321	$221,052	$7,278,153	$143,231	$243,785	($477,999)	($160,767)	$40,925	($210,825)
702 Kentucky Power Co. - Mitchell Inactives	$8,684,508	$761,612	$12,397,646	$0	$394,636	($814,226)	($200,743)	$69,711	($550,622)
Kentucky Power Co.	**$44,549,114**	**$3,399,686**	**$63,596,481**	**$321,885**	**$2,051,567**	**($4,176,754)**	**($2,424,596)**	**$357,599**	**($3,870,299)**
250 Ohio Power Co. - Distribution	$128,337,660	$10,764,452	$183,209,566	$801,457	$5,881,418	($12,032,446)	($5,890,962)	$1,030,176	($10,210,357)
160 Ohio Power Co. - Transmission	$16,229,258	$1,291,793	$23,168,221	$6,156	$740,858	($1,521,593)	($1,031,548)	$130,273	($1,675,854)
Ohio Power Co.	**$144,566,918**	**$12,056,245**	**$206,377,787**	**$807,613**	**$6,622,276**	**($13,554,039)**	**($6,922,510)**	**$1,160,449**	**($11,886,211)**
167 Public Service Co. of Oklahoma - Distribution	$43,673,677	$3,457,592	$62,346,745	$353,576	$2,010,129	($4,094,676)	($2,477,659)	$350,572	($3,858,058)
198 Public Service Co. of Oklahoma - Generation	$20,637,526	$1,545,830	$29,461,283	$231,896	$955,010	($1,934,895)	($1,498,642)	$165,659	($2,080,972)
114 Public Service Co. of Oklahoma - Transmission	$4,949,783	$398,472	$7,066,107	$50,785	$228,173	($464,073)	($313,349)	$39,732	($458,732)
Public Service Co. of Oklahoma	**$69,260,986**	**$5,401,894**	**$98,874,135**	**$636,257**	**$3,193,312**	**($6,493,644)**	**($4,289,650)**	**$555,963**	**($6,397,762)**
159 Southwestern Electric Power Co. - Distribution	$29,999,247	$2,214,194	$42,825,691	$274,946	$1,386,047	($2,812,614)	($1,794,965)	$240,806	($2,705,780)
168 Southwestern Electric Power Co. - Generation	$28,821,667	$2,185,599	$41,144,627	$348,083	$1,334,257	($2,702,209)	($2,137,691)	$231,354	($2,926,206)
161 Southwestern Electric Power Co. - Texas - Distribution	$13,947,448	$1,069,700	$19,910,803	$125,965	$643,376	($1,307,659)	($942,674)	$111,957	($1,369,035)
111 Southwestern Electric Power Co. - Texas - Transmission	$0	$0	$0	$0	$0	$0	$0	$0	$0
194 Southwestern Electric Power Co. - Transmission	$4,610,882	$339,864	$6,582,306	$40,011	$212,939	($432,299)	($280,205)	$37,012	($422,542)
Southwestern Electric Power Co.	**$77,379,244**	**$5,809,357**	**$110,463,427**	**$789,005**	**$3,576,619**	**($7,254,781)**	**($5,155,535)**	**$621,129**	**($7,423,563)**
119 AEP Texas North Company - Distribution	$20,031,013	$1,592,392	$28,595,450	$147,930	$921,119	($1,878,031)	($1,276,048)	$160,790	($1,924,240)
166 AEP Texas North Company - Generation	$5,617,751	$533,618	$8,019,670	$0	$254,317	($526,699)	($67,677)	$45,094	($294,965)
192 AEP Texas North Company - Transmission	$2,799,129	$218,010	$3,995,921	$30,006	$129,266	($262,436)	($233,844)	$22,469	($314,539)
AEP Texas North Co.	**$28,447,893**	**$2,344,020**	**$40,611,041**	**$177,936**	**$1,304,702**	**($2,667,166)**	**($1,577,569)**	**$228,353**	**($2,533,744)**
230 Kingsport Power Co. - Distribution	$3,844,802	$327,829	$5,488,681	$29,986	$176,357	($360,474)	($177,403)	$30,863	($300,671)
260 Kingsport Power Co. - Transmission	$458,898	$39,867	$655,104	$0	$20,862	($43,025)	($40,419)	$3,684	($58,898)
Kingsport Power Co.	**$4,303,700**	**$367,696**	**$6,143,785**	**$29,986**	**$197,219**	**($403,499)**	**($217,822)**	**$34,547**	**($359,569)**
210 Wheeling Power Co. - Distribution	$5,091,458	$430,429	$7,268,356	$31,281	$233,226	($477,356)	($259,071)	$40,870	($431,050)
200 Wheeling Power Co. - Transmission	$242,045	$36,437	$345,533	$0	$10,642	($22,693)	($2,613)	$1,943	($12,721)
Wheeling Power Co.	**$5,333,503**	**$466,866**	**$7,613,889**	**$31,281**	**$243,868**	**($500,049)**	**($261,684)**	**$42,813**	**($443,771)**
103 American Electric Power Service Corporation	$279,812,779	$19,791,529	$399,449,216	$2,953,561	$12,966,805	($26,234,174)	($17,282,221)	$2,246,081	($25,349,948)
American Electric Power Service Corporation	**$279,812,779**	**$19,791,529**	**$399,449,216**	**$2,953,561**	**$12,966,805**	**($26,234,174)**	**($17,282,221)**	**$2,246,081**	**($25,349,948)**
143 AEP Pro Serv, Inc.	$117,865	$11,933	$168,259	$0	$5,318	($11,051)	($1,133)	$946	($5,920)
189 Central Coal Company	$0	$0	$0	$0	$0	$0	$0	$0	$0
171 CSW Energy, Inc.	$284,276	$16,175	$405,821	$0	$13,123	($26,653)	($15,366)	$2,282	($26,614)
Miscellaneous	**$402,141**	**$28,108**	**$574,080**	**$0**	**$18,441**	**($37,704)**	**($16,499)**	**$3,228**	**($32,534)**
270 Cook Coal Terminal	$1,067,369	$92,072	$1,523,732	$7,296	$48,885	($100,072)	($67,747)	$8,568	($103,070)
AEP Generating Company	**$1,067,369**	**$92,072**	**$1,523,732**	**$7,296**	**$48,885**	**($100,072)**	**($67,747)**	**$8,568**	**($103,070)**
104 Cardinal Operating Company	$19,726,985	$1,495,595	$28,161,433	$173,070	$910,144	($1,849,526)	($1,116,823)	$158,350	($1,724,785)
181 Ohio Power Co. - Generation	$92,915,242	$8,106,739	$132,641,979	$368,520	$4,240,677	($8,711,376)	($4,359,566)	$745,837	($7,715,908)
AEP Generation Resources - FERC	**$112,642,227**	**$9,602,334**	**$160,803,412**	**$541,590**	**$5,150,821**	**($10,560,902)**	**($5,476,389)**	**$904,187**	**($9,440,693)**
290 Conesville Coal Preparation Company	$1,156,425	$115,275	$1,650,865	$0	$52,224	($108,422)	($51,555)	$9,283	($98,470)
AEP Generation Resources - SEC	**$113,798,652**	**$9,717,609**	**$162,454,277**	**$541,590**	**$5,203,045**	**($10,669,324)**	**($5,527,944)**	**$913,470**	**($9,539,163)**
175 AEP Energy Partners	$860,793	$17,499	$1,228,833	$40,624	$42,407	($80,705)	($31,686)	$6,910	($22,450)
AEP Energy Supply	**$114,659,445**	**$9,735,108**	**$163,683,110**	**$582,214**	**$5,245,452**	**($10,750,029)**	**($5,559,630)**	**$920,380**	**($9,561,613)**
293 Elmwood	$1,903,222	$99,295	$2,716,961	$68,498	$91,326	($178,439)	($276,067)	$15,277	($279,405)
292 AEP River Operations LLC	$11,517,240	$471,646	$16,441,538	$577,734	$563,440	($1,079,812)	($1,245,634)	$92,450	($1,091,822)
AEP River Operations	**$13,420,462**	**$570,941**	**$19,158,499**	**$646,232**	**$654,766**	**($1,258,251)**	**($1,521,701)**	**$107,727**	**($1,371,227)**
Total	**$1,200,994,699**	**$94,203,892**	**$1,714,490,639**	**$10,135,504**	**$55,317,295**	**($112,600,655)**	**($69,056,806)**	**$9,640,479**	**($106,564,183)**

AMERICAN ELECTRIC POWER
NON-UMWA POSTRETIREMENT WELFARE PLAN
ESTIMATED 2019 NET PERIODIC POSTRETIREMENT BENEFIT COST

Location	Accumulated Postretirement Benefit Obligation	Expected Net Benefit Payments	Fair Value of Assets	Service Cost	Interest Cost	Expected Return on Assets	Amortizations PSC	Amortizations (G)/L	Net Periodic Postretirement Benefit Cost
140 Appalachian Power Co. - Distribution	$94,347,922	$8,268,762	$141,638,913	$565,043	$4,541,451	($9,310,150)	($5,097,397)	$617,377	($8,683,676)
215 Appalachian Power Co. - Generation	$79,231,519	$6,576,947	$118,945,558	$479,985	$3,823,157	($7,818,480)	($4,162,884)	$518,461	($7,159,761)
150 Appalachian Power Co. - Transmission	$10,138,687	$746,237	$15,220,607	$2,731	$488,643	($1,000,475)	($781,538)	$66,344	($1,224,295)
Appalachian Power Co. - FERC	**$183,718,128**	**$15,591,946**	**$275,805,078**	**$1,047,759**	**$8,853,251**	**($18,129,105)**	**($10,041,819)**	**$1,202,182**	**($17,067,732)**
225 Cedar Coal Co	$510,429	$80,730	$766,277	$0	$23,528	($50,369)	($8,202)	$3,340	($31,703)
Appalachian Power Co. - SEC	**$184,228,557**	**$15,672,676**	**$276,571,355**	**$1,047,759**	**$8,876,779**	**($18,179,474)**	**($10,050,021)**	**$1,205,522**	**($17,099,435)**
211 AEP Texas Central Company - Distribution	$69,024,097	$5,686,834	$103,621,764	$489,925	$3,335,264	($6,811,223)	($3,881,048)	$451,667	($6,415,415)
147 AEP Texas Central Company - Generation	$0	$0	$0	$0	$0	$0	($15,337)	$0	($15,337)
169 AEP Texas Central Company - Transmission	$6,435,861	$508,521	$9,661,775	$56,231	$312,047	($635,084)	($391,921)	$42,114	($616,613)
AEP Texas Central Co.	**$75,459,958**	**$6,195,355**	**$113,283,539**	**$546,156**	**$3,647,311**	**($7,446,307)**	**($4,288,306)**	**$493,781**	**($7,047,365)**
170 Indiana Michigan Power Co. - Distribution	$46,782,772	$4,348,785	$70,232,188	$326,933	$2,248,092	($4,616,473)	($2,601,438)	$306,129	($4,336,757)
132 Indiana Michigan Power Co. - Generation	$27,070,322	$2,232,981	$40,639,061	$219,751	$1,309,360	($2,671,270)	($1,850,054)	$177,138	($2,815,075)
190 Indiana Michigan Power Co. - Nuclear	$46,241,523	$3,300,560	$69,419,643	$751,300	$2,268,134	($4,563,063)	($3,561,730)	$302,587	($4,802,772)
120 Indiana Michigan Power Co. - Transmission	$10,092,251	$740,297	$15,150,895	$64,208	$489,541	($995,892)	($596,815)	$66,040	($972,918)
280 Ind Mich River Transp Lakin	$9,907,692	$780,553	$14,873,828	$128,550	$482,536	($977,680)	($811,278)	$64,832	($1,113,040)
Indiana Michigan Power Co. - FERC	**$140,094,560**	**$11,403,176**	**$210,315,615**	**$1,490,742**	**$6,797,663**	**($13,824,378)**	**($9,421,315)**	**$916,726**	**($14,040,562)**
202 Price River Coal	$0	$0	$0	$0	$0	$0	$0	$0	$0
Indiana Michigan Power Co. - SEC	**$140,094,560**	**$11,403,176**	**$210,315,615**	**$1,490,742**	**$6,797,663**	**($13,824,378)**	**($9,421,315)**	**$916,726**	**($14,040,562)**
110 Kentucky Power Co. - Distribution	$16,980,935	$1,395,783	$25,492,466	$114,095	$820,283	($1,675,660)	($1,210,578)	$111,117	($1,840,743)
117 Kentucky Power Co. - Generation	$10,464,159	$837,126	$15,709,218	$36,833	$504,377	($1,032,592)	($611,828)	$68,473	($1,034,737)
180 Kentucky Power Co. - Transmission	$1,021,609	$70,084	$1,533,681	$216	$49,361	($100,811)	($198,150)	$6,685	($242,699)
600 Kentucky Power Co. - Kammer Actives	$1,016,145	$58,540	$1,525,478	$23,679	$50,546	($100,272)	($42,530)	$6,649	($61,928)
701 Kentucky Power Co. - Mitchell Actives	$5,183,721	$268,397	$7,782,011	$140,160	$259,566	($511,524)	($160,767)	$33,920	($238,645)
702 Kentucky Power Co. - Mitchell Inactives	$8,190,241	$716,225	$12,295,521	$0	$391,825	($808,204)	($200,743)	$53,594	($563,528)
Kentucky Power Co.	**$42,856,810**	**$3,346,155**	**$64,338,375**	**$314,983**	**$2,075,958**	**($4,229,063)**	**($2,424,596)**	**$280,438**	**($3,982,280)**
250 Ohio Power Co. - Distribution	$122,354,483	$10,565,280	$183,683,494	$784,275	$5,896,028	($12,073,807)	($5,890,962)	$800,641	($10,483,825)
160 Ohio Power Co. - Transmission	$15,444,446	$1,290,602	$23,185,826	$6,024	$740,652	($1,524,041)	($1,031,548)	$101,063	($1,707,850)
Ohio Power Co.	**$137,798,929**	**$11,855,882**	**$206,869,320**	**$790,299**	**$6,636,680**	**($13,597,848)**	**($6,922,510)**	**$901,704**	**($12,191,675)**
167 Public Service Co. of Oklahoma - Distribution	$41,928,154	$3,441,410	$62,944,239	$345,996	$2,028,722	($4,137,424)	($2,477,659)	$274,362	($3,966,003)
198 Public Service Co. of Oklahoma - Generation	$19,968,261	$1,569,371	$29,977,160	$226,924	$971,004	($1,970,446)	($1,498,642)	$130,665	($2,140,495)
114 Public Service Co. of Oklahoma - Transmission	$4,756,347	$382,637	$7,140,420	$49,696	$230,853	($469,351)	($313,349)	$31,124	($471,027)
Public Service Co. of Oklahoma	**$66,652,762**	**$5,393,418**	**$100,061,819**	**$622,616**	**$3,230,579**	**($6,577,221)**	**($4,289,650)**	**$436,151**	**($6,577,525)**
159 Southwestern Electric Power Co. - Distribution	$28,995,407	$2,207,240	$43,529,077	$269,051	$1,408,715	($2,861,235)	($1,794,965)	$189,735	($2,788,699)
168 Southwestern Electric Power Co. - Generation	$27,885,026	$2,109,451	$41,862,128	$340,621	$1,359,189	($2,751,664)	($2,137,691)	$182,469	($3,007,076)
161 Southwestern Electric Power Co. - Texas - Distribution	$13,438,236	$1,028,247	$20,174,023	$123,264	$652,682	($1,326,070)	($942,674)	$87,935	($1,404,863)
111 Southwestern Electric Power Co. - Texas - Transmission	$0	$0	$0	$0	$0	$0	$0	$0	$0
194 Southwestern Electric Power Co. - Transmission	$4,454,734	$320,678	$6,687,627	$39,153	$216,775	($439,588)	($280,205)	$29,150	($434,715)
Southwestern Electric Power Co.	**$74,773,403**	**$5,665,616**	**$112,252,855**	**$772,089**	**$3,637,361**	**($7,378,557)**	**($5,155,535)**	**$489,289**	**($7,635,353)**
119 AEP Texas North Company - Distribution	$19,209,127	$1,579,175	$28,837,518	$144,759	$928,696	($1,895,536)	($1,276,048)	$125,697	($1,972,432)
166 AEP Texas North Company - Generation	$5,256,751	$526,016	$7,891,647	$0	$249,848	($518,730)	($67,677)	$34,398	($302,161)
192 AEP Texas North Company - Transmission	$2,698,452	$221,203	$4,051,025	$29,363	$130,928	($266,280)	($233,844)	$17,658	($322,175)
AEP Texas North Co.	**$27,164,330**	**$2,326,394**	**$40,780,190**	**$174,122**	**$1,309,472**	**($2,680,546)**	**($1,577,569)**	**$177,753**	**($2,596,768)**
230 Kingsport Power Co. - Distribution	$3,666,335	$297,756	$5,504,050	$29,343	$177,431	($361,790)	($177,403)	$23,991	($308,428)
260 Kingsport Power Co. - Transmission	$433,161	$40,041	$650,279	$0	$20,669	($42,744)	($40,419)	$2,834	($59,660)
Kingsport Power Co.	**$4,099,496**	**$337,797**	**$6,154,329**	**$29,343**	**$198,100**	**($404,534)**	**($217,822)**	**$26,825**	**($368,088)**
210 Wheeling Power Co. - Distribution	$4,850,156	$421,121	$7,281,250	$30,610	$233,639	($478,608)	($259,071)	$31,738	($441,692)
200 Wheeling Power Co. - Transmission	$212,941	$34,561	$319,676	$0	$9,794	($21,013)	($2,613)	$1,393	($12,439)
Wheeling Power Co.	**$5,063,097**	**$455,682**	**$7,600,926**	**$30,610**	**$243,433**	**($499,621)**	**($261,684)**	**$33,131**	**($454,131)**
103 American Electric Power Service Corporation	$271,718,638	$19,565,127	$407,914,997	$2,890,239	$13,247,280	($26,812,899)	($17,282,221)	$1,778,023	($26,179,578)
American Electric Power Service Corporation	**$271,718,638**	**$19,565,127**	**$407,914,997**	**$2,890,239**	**$13,247,280**	**($26,812,899)**	**($17,282,221)**	**$1,778,023**	**($26,179,578)**
143 AEP Pro Serv, Inc.	$109,547	$12,246	$164,456	$0	$5,175	($10,810)	($1,133)	$717	($6,051)
189 Central Coal Company	$0	$0	$0	$0	$0	$0	$0	$0	$0
171 CSW Energy, Inc.	$276,920	$16,576	$415,723	$0	$13,437	($27,326)	($15,366)	$1,812	($27,443)
Miscellaneous	**$386,467**	**$28,822**	**$580,179**	**$0**	**$18,612**	**($38,136)**	**($16,499)**	**$2,529**	**($33,494)**
270 Cook Coal Terminal	$1,015,692	$90,544	$1,524,798	$7,140	$48,906	($100,227)	($67,747)	$6,646	($105,282)
AEP Generating Company	**$1,015,692**	**$90,544**	**$1,524,798**	**$7,140**	**$48,906**	**($100,227)**	**($67,747)**	**$6,646**	**($105,282)**
104 Cardinal Operating Company	$19,019,016	$1,456,053	$28,552,115	$169,360	$923,461	($1,876,776)	($1,116,823)	$124,453	($1,776,325)
181 Ohio Power Co. - Generation	$88,049,262	$7,789,254	$132,183,110	$360,619	$4,228,138	($8,688,605)	($4,359,566)	$576,161	($7,883,253)
AEP Generation Resources - FERC	**$107,068,278**	**$9,245,307**	**$160,735,225**	**$529,979**	**$5,151,599**	**($10,565,381)**	**($5,476,389)**	**$700,614**	**($9,659,578)**
290 Conesville Coal Preparation Company	$1,076,641	$114,254	$1,616,297	$0	$51,011	($106,242)	($51,555)	$7,045	($99,741)
AEP Generation Resources - SEC	**$108,144,919**	**$9,359,561**	**$162,351,522**	**$529,979**	**$5,202,610**	**($10,671,623)**	**($5,527,944)**	**$707,659**	**($9,759,319)**
175 AEP Energy Partners	$912,149	$21,607	$1,369,355	$39,753	$47,062	($90,010)	($31,686)	$5,969	($28,912)
AEP Energy Supply	**$109,057,068**	**$9,381,168**	**$163,720,877**	**$569,732**	**$5,249,672**	**($10,761,633)**	**($5,559,630)**	**$713,628**	**($9,788,231)**
293 Elmwood	$1,933,698	$98,704	$2,902,946	$67,029	$97,599	($190,815)	($276,067)	$12,653	($289,601)
292 AEP River Operations LLC	$12,000,263	$489,772	$18,015,280	$565,348	$616,186	($1,184,173)	($1,245,634)	$78,525	($1,169,748)
AEP River Operations	**$13,933,961**	**$588,476**	**$20,918,226**	**$632,377**	**$713,785**	**($1,374,988)**	**($1,521,701)**	**$91,178**	**($1,459,349)**
Total	**$1,154,303,728**	**$92,306,288**	**$1,732,887,400**	**$9,918,207**	**$55,931,591**	**($113,905,432)**	**($69,056,806)**	**$7,553,324**	**($109,559,116)**

AMERICAN ELECTRIC POWER
NON-UMWA POSTRETIREMENT WELFARE PLAN
ESTIMATED 2020 NET PERIODIC POSTRETIREMENT BENEFIT COST

Location	Accumulated Postretirement Benefit Obligation	Expected Net Benefit Payments	Fair Value of Assets	Service Cost	Interest Cost	Expected Return on Assets	Amortizations PSC	Amortizations (G)/L	Net Periodic Postretirement Benefit Cost
140 Appalachian Power Co. - Distribution	$92,097,511	$8,111,544	$141,849,000	$578,463	$4,433,483	($9,330,092)	($5,097,397)	$629,852	($8,785,691)
215 Appalachian Power Co. - Generation	$77,727,291	$6,392,759	$119,715,923	$491,385	$3,753,064	($7,874,293)	($4,162,884)	$531,574	($7,261,154)
150 Appalachian Power Co. - Transmission	$9,982,662	$717,606	$15,375,341	$2,796	$481,552	($1,011,310)	($781,538)	$68,271	($1,240,229)
Appalachian Power Co. - FERC	**$179,807,464**	**$15,221,909**	**$276,940,264**	**$1,072,644**	**$8,668,099**	**($18,215,695)**	**($10,041,819)**	**$1,229,697**	**($17,287,074)**
225 Cedar Coal Co	$457,759	$73,311	$705,042	$0	$21,078	($46,374)	($8,202)	$3,131	($30,367)
Appalachian Power Co. - SEC	**$180,265,223**	**$15,295,220**	**$277,645,306**	**$1,072,644**	**$8,689,177**	**($18,262,069)**	**($10,050,021)**	**$1,232,828**	**($17,317,441)**
211 AEP Texas Central Company - Distribution	$67,834,077	$5,581,529	$104,478,350	$501,561	$3,278,946	($6,872,044)	($3,881,048)	$463,915	($6,508,670)
147 AEP Texas Central Company - Generation	$0	$0	$0	$0	$0	$0	($15,337)	$0	($15,337)
169 AEP Texas Central Company - Transmission	$6,358,574	$509,124	$9,793,504	$57,566	$308,234	($644,166)	($391,921)	$43,486	($626,801)
AEP Texas Central Co.	**$74,192,651**	**$6,090,653**	**$114,271,854**	**$559,127**	**$3,587,180**	**($7,516,210)**	**($4,288,306)**	**$507,401**	**($7,150,808)**
170 Indiana Michigan Power Co. - Distribution	$45,459,102	$4,178,683	$70,016,313	$334,698	$2,186,497	($4,605,310)	($2,601,438)	$310,893	($4,374,660)
132 Indiana Michigan Power Co. - Generation	$26,630,117	$2,200,991	$41,015,826	$224,970	$1,288,401	($2,697,808)	($1,850,054)	$182,122	($2,852,369)
190 Indiana Michigan Power Co. - Nuclear	$46,420,001	$3,342,847	$71,496,294	$769,143	$2,276,905	($4,702,656)	($3,561,730)	$317,465	($4,900,873)
120 Indiana Michigan Power Co. - Transmission	$10,004,760	$733,388	$15,409,376	$65,733	$485,414	($1,013,549)	($596,815)	$68,422	($990,795)
280 Ind Mich River Transp Lakin	$9,835,607	$774,309	$15,148,846	$131,603	$479,239	($996,413)	($811,278)	$67,265	($1,129,584)
Indiana Michigan Power Co. - FERC	**$138,349,587**	**$11,230,218**	**$213,086,655**	**$1,526,147**	**$6,716,456**	**($14,015,736)**	**($9,421,315)**	**$946,167**	**($14,248,281)**
202 Price River Coal	$0	$0	$0	$0	$0	$0	$0	$0	$0
Indiana Michigan Power Co. - SEC	**$138,349,587**	**$11,230,218**	**$213,086,655**	**$1,526,147**	**$6,716,456**	**($14,015,736)**	**($9,421,315)**	**$946,167**	**($14,248,281)**
110 Kentucky Power Co. - Distribution	$16,684,725	$1,402,146	$25,697,888	$116,805	$805,450	($1,690,274)	($1,210,578)	$114,106	($1,864,491)
117 Kentucky Power Co. - Generation	$10,269,925	$830,290	$15,817,785	$37,708	$494,878	($1,040,412)	($611,828)	$70,236	($1,049,418)
180 Kentucky Power Co. - Transmission	$1,011,113	$70,978	$1,557,321	$221	$48,814	($102,433)	($198,150)	$6,915	($244,633)
600 Kentucky Power Co. - Kammer Actives	$1,042,148	$77,895	$1,605,121	$24,241	$51,396	($105,577)	($42,530)	$7,127	($65,343)
701 Kentucky Power Co. - Mitchell Actives	$5,368,201	$301,705	$8,268,127	$143,489	$268,134	($543,835)	($160,767)	$36,713	($256,266)
702 Kentucky Power Co. - Mitchell Inactives	$7,944,499	$674,085	$12,236,153	$0	$380,578	($804,831)	($200,743)	$54,332	($570,664)
Kentucky Power Co.	**$42,320,611**	**$3,357,099**	**$65,182,395**	**$322,464**	**$2,049,250**	**($4,287,362)**	**($2,424,596)**	**$289,429**	**($4,050,815)**
250 Ohio Power Co. - Distribution	$119,654,201	$10,297,424	$184,291,938	$802,902	$5,768,559	($12,121,768)	($5,890,962)	$818,311	($10,622,958)
160 Ohio Power Co. - Transmission	$15,049,525	$1,242,638	$23,179,346	$6,167	$722,098	($1,524,617)	($1,031,548)	$102,923	($1,724,977)
Ohio Power Co.	**$134,703,726**	**$11,540,062**	**$207,471,284**	**$809,069**	**$6,490,657**	**($13,646,385)**	**($6,922,510)**	**$921,234**	**($12,347,935)**
167 Public Service Co. of Oklahoma - Distribution	$41,270,077	$3,447,400	$63,564,358	$354,213	$1,996,081	($4,180,934)	($2,477,659)	$282,245	($4,026,054)
198 Public Service Co. of Oklahoma - Generation	$19,792,786	$1,583,278	$30,484,938	$232,313	$962,156	($2,005,141)	($1,498,642)	$135,362	($2,173,952)
114 Public Service Co. of Oklahoma - Transmission	$4,700,802	$385,994	$7,240,196	$50,876	$228,052	($476,223)	($313,349)	$32,149	($478,495)
Public Service Co. of Oklahoma	**$65,763,665**	**$5,416,672**	**$101,289,492**	**$637,402**	**$3,186,289**	**($6,662,298)**	**($4,289,650)**	**$449,756**	**($6,678,501)**
159 Southwestern Electric Power Co. - Distribution	$28,750,592	$2,204,166	$44,281,791	$275,441	$1,396,870	($2,912,627)	($1,794,965)	$196,624	($2,838,657)
168 Southwestern Electric Power Co. - Generation	$27,750,139	$2,134,688	$42,740,889	$348,711	$1,352,226	($2,811,274)	($2,137,691)	$189,782	($3,058,246)
161 Southwestern Electric Power Co. - Texas - Distribution	$13,317,794	$1,026,441	$20,512,126	$126,192	$646,851	($1,349,181)	($942,674)	$91,080	($1,427,732)
111 Southwestern Electric Power Co. - Texas - Transmission	$0	$0	$0	$0	$0	$0	$0	$0	$0
194 Southwestern Electric Power Co. - Transmission	$4,433,884	$325,965	$6,829,088	$40,083	$215,649	($449,182)	($280,205)	$30,323	($443,332)
Southwestern Electric Power Co.	**$74,252,409**	**$5,691,260**	**$114,363,894**	**$790,427**	**$3,611,596**	**($7,522,264)**	**($5,155,535)**	**$507,809**	**($7,767,967)**
119 AEP Texas North Company - Distribution	$18,890,441	$1,589,430	$29,095,142	$148,197	$912,681	($1,913,728)	($1,276,048)	$129,191	($1,999,707)
166 AEP Texas North Company - Generation	$5,030,389	$506,344	$7,747,828	$0	$239,015	($509,612)	($67,677)	$34,403	($303,871)
192 AEP Texas North Company - Transmission	$2,663,915	$222,248	$4,102,974	$30,060	$129,210	($269,872)	($233,844)	$18,218	($326,228)
AEP Texas North Co.	**$26,584,745**	**$2,318,022**	**$40,945,944**	**$178,257**	**$1,280,906**	**($2,693,212)**	**($1,577,569)**	**$181,812**	**($2,629,806)**
230 Kingsport Power Co. - Distribution	$3,611,107	$291,083	$5,561,843	$30,040	$174,869	($365,829)	($177,403)	$24,696	($313,627)
260 Kingsport Power Co. - Transmission	$417,927	$39,958	$643,693	$0	$19,910	($42,339)	($40,419)	$2,858	($59,990)
Kingsport Power Co.	**$4,029,034**	**$331,041**	**$6,205,536**	**$30,040**	**$194,779**	**($408,168)**	**($217,822)**	**$27,554**	**($373,617)**
210 Wheeling Power Co. - Distribution	$4,740,217	$416,261	$7,300,904	$31,337	$228,298	($480,216)	($259,071)	$32,418	($447,234)
200 Wheeling Power Co. - Transmission	$190,056	$32,576	$292,725	$0	$8,698	($19,254)	($2,613)	$1,300	($11,869)
Wheeling Power Co.	**$4,930,273**	**$448,837**	**$7,593,629**	**$31,337**	**$236,996**	**($499,470)**	**($261,684)**	**$33,718**	**($459,103)**
103 American Electric Power Service Corporation	$270,973,944	$19,615,763	$417,355,285	$2,958,882	$13,212,228	($27,451,467)	($17,282,221)	$1,853,183	($26,709,395)
American Electric Power Service Corporation	**$270,973,944**	**$19,615,763**	**$417,355,285**	**$2,958,882**	**$13,212,228**	**($27,451,467)**	**($17,282,221)**	**$1,853,183**	**($26,709,395)**
143 AEP Pro Serv, Inc.	$103,501	$4,304	$159,413	$0	$5,069	($10,485)	($1,133)	$708	($5,841)
189 Central Coal Company	$0	$0	$0	$0	$0	$0	$0	$0	$0
171 CSW Energy, Inc.	$276,519	$17,045	$425,896	$0	$13,405	($28,013)	($15,366)	$1,891	($28,083)
Miscellaneous	**$380,020**	**$21,349**	**$585,309**	**$0**	**$18,474**	**($38,498)**	**($16,499)**	**$2,599**	**($33,924)**
270 Cook Coal Terminal	$991,006	$93,313	$1,526,352	$7,310	$47,611	($100,396)	($67,747)	$6,777	($106,445)
AEP Generating Company	**$991,006**	**$93,313**	**$1,526,352**	**$7,310**	**$47,611**	**($100,396)**	**($67,747)**	**$6,777**	**($106,445)**
104 Cardinal Operating Company	$18,842,342	$1,477,612	$29,021,060	$173,382	$914,296	($1,908,855)	($1,116,823)	$128,862	($1,809,138)
181 Ohio Power Co. - Generation	$85,697,253	$7,458,108	$131,991,294	$369,184	$4,119,143	($8,681,703)	($4,359,566)	$586,081	($7,966,861)
AEP Generation Resources - FERC	**$104,539,595**	**$8,935,720**	**$161,012,354**	**$542,566**	**$5,033,439**	**($10,590,558)**	**($5,476,389)**	**$714,943**	**($9,775,999)**
290 Conesville Coal Preparation Company	$1,023,532	$108,733	$1,576,449	$0	$48,491	($103,691)	($51,555)	$7,000	($99,755)
AEP Generation Resources - SEC	**$105,563,127**	**$9,044,453**	**$162,588,803**	**$542,566**	**$5,081,930**	**($10,694,249)**	**($5,527,944)**	**$721,943**	**($9,875,754)**
175 AEP Energy Partners	$987,131	$23,416	$1,520,384	$40,697	$50,813	($100,003)	($31,686)	$6,751	($33,428)
AEP Energy Supply	**$106,550,258**	**$9,067,869**	**$164,109,187**	**$583,263**	**$5,132,743**	**($10,794,252)**	**($5,559,630)**	**$728,694**	**($9,909,182)**
293 Elmwood	$2,019,618	$108,824	$3,110,625	$68,621	$101,725	($204,601)	($276,067)	$13,812	($296,510)
292 AEP River Operations LLC	$12,818,945	$545,843	$19,743,797	$578,775	$656,406	($1,298,645)	($1,245,634)	$87,668	($1,221,430)
AEP River Operations	**$14,838,563**	**$654,667**	**$22,854,422**	**$647,396**	**$758,131**	**($1,503,246)**	**($1,521,701)**	**$101,480**	**($1,517,940)**
Total	**$1,139,125,715**	**$91,172,045**	**$1,754,486,544**	**$10,153,765**	**$55,212,473**	**($115,401,033)**	**($69,056,806)**	**$7,790,441**	**($111,301,160)**

AMERICAN ELECTRIC POWER
NON-UMWA POSTRETIREMENT WELFARE PLAN
ESTIMATED 2021 NET PERIODIC POSTRETIREMENT BENEFIT COST

Location	Accumulated Postretirement Benefit Obligation	Expected Net Benefit Payments	Fair Value of Assets	Service Cost	Interest Cost	Expected Return on Assets	Amortizations PSC	Amortizations (G)/L	Net Periodic Postretirement Benefit Cost
140 Appalachian Power Co. - Distribution	$88,997,913	$7,975,887	$142,189,113	$592,201	$4,282,541	($9,357,795)	($5,097,397)	$568,589	($9,011,861)
215 Appalachian Power Co. - Generation	$75,578,981	$6,262,347	$120,750,115	$503,055	$3,649,453	($7,946,845)	($4,162,884)	$482,858	($7,474,363)
150 Appalachian Power Co. - Transmission	$9,749,404	$712,406	$15,576,310	$2,862	$470,020	($1,025,113)	($781,538)	$62,287	($1,271,482)
Appalachian Power Co. - FERC	**$174,326,298**	**$14,950,640**	**$278,515,538**	**$1,098,118**	**$8,402,014**	**($18,329,753)**	**($10,041,819)**	**$1,113,734**	**($17,757,706)**
225 Cedar Coal Co	$405,526	$66,669	$647,896	$0	$18,630	($42,640)	($8,202)	$2,591	($29,621)
Appalachian Power Co. - SEC	**$174,731,824**	**$15,017,309**	**$279,163,434**	**$1,098,118**	**$8,420,644**	**($18,372,393)**	**($10,050,021)**	**$1,116,325**	**($17,787,327)**
211 AEP Texas Central Company - Distribution	$66,033,055	$5,579,213	$105,498,895	$513,473	$3,189,547	($6,943,127)	($3,881,048)	$421,871	($6,699,284)
147 AEP Texas Central Company - Generation	$0	$0	$0	$0	$0	$0	($15,337)	$0	($15,337)
169 AEP Texas Central Company - Transmission	$6,215,250	$509,846	$9,929,906	$58,933	$301,118	($653,510)	($391,921)	$39,708	($645,672)
AEP Texas Central Co.	**$72,248,305**	**$6,089,059**	**$115,428,801**	**$572,406**	**$3,490,665**	**($7,596,637)**	**($4,288,306)**	**$461,579**	**($7,360,293)**
170 Indiana Michigan Power Co. - Distribution	$43,801,614	$4,073,939	$69,980,435	$342,647	$2,106,607	($4,605,575)	($2,601,438)	$279,839	($4,477,920)
132 Indiana Michigan Power Co. - Generation	$25,942,497	$2,238,087	$41,447,496	$230,313	$1,253,371	($2,727,756)	($1,850,054)	$165,741	($2,928,385)
190 Indiana Michigan Power Co. - Nuclear	$46,123,202	$3,406,045	$73,689,561	$787,410	$2,261,418	($4,849,681)	($3,561,730)	$294,672	($5,067,911)
120 Indiana Michigan Power Co. - Transmission	$9,822,519	$738,479	$15,693,124	$67,294	$476,254	($1,032,801)	($596,815)	$62,754	($1,023,314)
280 Ind Mich River Transp Lakin	$9,672,140	$759,654	$15,452,868	$134,729	$471,584	($1,016,989)	($811,278)	$61,793	($1,160,161)
Indiana Michigan Power Co. - FERC	**$135,361,972**	**$11,216,204**	**$216,263,484**	**$1,562,393**	**$6,569,234**	**($14,232,802)**	**($9,421,315)**	**$864,799**	**($14,657,691)**
202 Price River Coal	$0	$0	$0	$0	$0	$0	$0	$0	$0
Indiana Michigan Power Co. - SEC	**$135,361,972**	**$11,216,204**	**$216,263,484**	**$1,562,393**	**$6,569,234**	**($14,232,802)**	**($9,421,315)**	**$864,799**	**($14,657,691)**
110 Kentucky Power Co. - Distribution	$16,204,834	$1,387,057	$25,889,944	$119,579	$781,967	($1,703,877)	($1,210,578)	$103,529	($1,909,380)
117 Kentucky Power Co. - Generation	$9,972,221	$840,362	$15,932,298	$38,604	$479,788	($1,048,541)	($611,828)	$63,710	($1,078,267)
180 Kentucky Power Co. - Transmission	$989,170	$64,693	$1,580,365	$226	$47,872	($104,007)	($198,150)	$6,320	($247,739)
600 Kentucky Power Co. - Kammer Actives	$1,039,890	$90,529	$1,661,399	$24,817	$51,000	($109,341)	($42,530)	$6,644	($69,410)
701 Kentucky Power Co. - Mitchell Actives	$5,478,119	$366,099	$8,752,215	$146,897	$272,210	($576,004)	($160,767)	$34,999	($282,665)
702 Kentucky Power Co. - Mitchell Inactives	$7,650,992	$646,403	$12,223,745	$0	$366,587	($804,473)	($200,743)	$48,881	($589,748)
Kentucky Power Co.	**$41,335,226**	**$3,395,143**	**$66,039,966**	**$330,123**	**$1,999,424**	**($4,346,243)**	**($2,424,596)**	**$264,083**	**($4,177,209)**
250 Ohio Power Co. - Distribution	$115,928,238	$10,127,305	$185,214,830	$821,971	$5,587,416	($12,189,417)	($5,890,962)	$740,641	($10,930,351)
160 Ohio Power Co. - Transmission	$14,535,152	$1,182,645	$23,222,346	$6,313	$697,868	($1,528,316)	($1,031,548)	$92,862	($1,762,821)
Ohio Power Co.	**$130,463,390**	**$11,309,950**	**$208,437,176**	**$828,284**	**$6,285,284**	**($13,717,733)**	**($6,922,510)**	**$833,503**	**($12,693,172)**
167 Public Service Co. of Oklahoma - Distribution	$40,172,971	$3,370,554	$64,183,068	$362,626	$1,943,544	($4,224,036)	($2,477,659)	$256,657	($4,138,868)
198 Public Service Co. of Oklahoma - Generation	$19,403,977	$1,567,088	$31,001,112	$237,830	$943,391	($2,040,255)	($1,498,642)	$123,968	($2,233,708)
114 Public Service Co. of Oklahoma - Transmission	$4,593,736	$378,880	$7,339,265	$52,084	$222,935	($483,014)	($313,349)	$29,348	($491,996)
Public Service Co. of Oklahoma	**$64,170,684**	**$5,316,522**	**$102,523,445**	**$652,540**	**$3,109,870**	**($6,747,305)**	**($4,289,650)**	**$409,973**	**($6,864,572)**
159 Southwestern Electric Power Co. - Distribution	$28,218,737	$2,248,893	$45,084,172	$281,983	$1,369,499	($2,967,094)	($1,794,965)	$180,284	($2,930,293)
168 Southwestern Electric Power Co. - Generation	$27,316,388	$2,208,498	$43,642,517	$356,993	$1,329,130	($2,872,215)	($2,137,691)	$174,519	($3,149,264)
161 Southwestern Electric Power Co. - Texas - Distribution	$13,064,396	$995,041	$20,872,567	$129,189	$635,107	($1,373,672)	($942,674)	$83,466	($1,468,584)
111 Southwestern Electric Power Co. - Texas - Transmission	$0	$0	$0	$0	$0	$0	$0	$0	$0
194 Southwestern Electric Power Co. - Transmission	$4,363,651	$314,840	$6,971,665	$41,035	$212,459	($458,821)	($280,205)	$27,878	($457,654)
Southwestern Electric Power Co.	**$72,963,172**	**$5,767,272**	**$116,570,921**	**$809,200**	**$3,546,195**	**($7,671,802)**	**($5,155,535)**	**$466,147**	**($8,005,795)**
119 AEP Texas North Company - Distribution	$18,361,889	$1,567,690	$29,336,201	$151,717	$886,966	($1,930,683)	($1,276,048)	$117,310	($2,050,738)
166 AEP Texas North Company - Generation	$4,763,060	$499,994	$7,609,788	$0	$225,806	($500,818)	($67,677)	$30,430	($312,259)
192 AEP Texas North Company - Transmission	$2,600,937	$220,245	$4,155,434	$30,774	$126,147	($273,479)	($233,844)	$16,617	($333,785)
AEP Texas North Co.	**$25,725,886**	**$2,287,929**	**$41,101,423**	**$182,491**	**$1,238,919**	**($2,704,980)**	**($1,577,569)**	**$164,357**	**($2,696,782)**
230 Kingsport Power Co. - Distribution	$3,524,933	$290,759	$5,631,672	$30,753	$170,604	($370,633)	($177,403)	$22,520	($324,159)
260 Kingsport Power Co. - Transmission	$397,879	$34,007	$635,679	$0	$19,054	($41,836)	($40,419)	$2,542	($60,659)
Kingsport Power Co.	**$3,922,812**	**$324,766**	**$6,267,351**	**$30,753**	**$189,658**	**($412,469)**	**($217,822)**	**$25,062**	**($384,818)**
210 Wheeling Power Co. - Distribution	$4,583,591	$407,953	$7,323,056	$32,081	$220,709	($481,947)	($259,071)	$29,284	($458,944)
200 Wheeling Power Co. - Transmission	$166,178	$30,358	$265,497	$0	$7,559	($17,473)	($2,613)	$1,062	($11,465)
Wheeling Power Co.	**$4,749,769**	**$438,311**	**$7,588,553**	**$32,081**	**$228,268**	**($499,420)**	**($261,684)**	**$30,346**	**($470,409)**
103 American Electric Power Service Corporation	$267,529,291	$19,529,902	$427,422,971	$3,029,152	$13,045,627	($28,129,694)	($17,282,221)	$1,709,191	($27,627,945)
American Electric Power Service Corporation	**$267,529,291**	**$19,529,902**	**$427,422,971**	**$3,029,152**	**$13,045,627**	**($28,129,694)**	**($17,282,221)**	**$1,709,191**	**($27,627,945)**
143 AEP Pro Serv, Inc.	$104,266	$4,426	$166,582	$0	$5,104	($10,963)	($1,133)	$666	($6,326)
189 Central Coal Company	$0	$0	$0	$0	$0	$0	$0	$0	$0
171 CSW Energy, Inc.	$272,879	$17,502	$435,970	$0	$13,212	($28,692)	($15,366)	$1,743	($29,103)
Miscellaneous	**$377,145**	**$21,928**	**$602,552**	**$0**	**$18,316**	**($39,655)**	**($16,499)**	**$2,409**	**($35,429)**
270 Cook Coal Terminal	$952,614	$91,328	$1,521,961	$7,484	$45,750	($100,164)	($67,747)	$6,086	($108,591)
AEP Generating Company	**$952,614**	**$91,328**	**$1,521,961**	**$7,484**	**$45,750**	**($100,164)**	**($67,747)**	**$6,086**	**($108,591)**
104 Cardinal Operating Company	$18,452,408	$1,482,397	$29,480,821	$177,500	$894,887	($1,940,201)	($1,116,823)	$117,889	($1,866,748)
181 Ohio Power Co. - Generation	$82,727,472	$7,232,479	$132,171,030	$377,952	$3,976,665	($8,698,482)	($4,359,566)	$528,529	($8,174,902)
AEP Generation Resources - FERC	**$101,179,880**	**$8,714,876**	**$161,651,851**	**$555,452**	**$4,871,552**	**($10,638,683)**	**($5,476,389)**	**$646,418**	**($10,041,650)**
290 Conesville Coal Preparation Company	$963,290	$109,468	$1,539,018	$0	$45,461	($101,286)	($51,555)	$6,154	($101,226)
AEP Generation Resources - SEC	**$102,143,170**	**$8,824,344**	**$163,190,869**	**$555,452**	**$4,917,013**	**($10,739,969)**	**($5,527,944)**	**$652,572**	**($10,142,876)**
175 AEP Energy Partners	$1,055,225	$28,537	$1,685,899	$41,664	$54,140	($110,953)	($31,686)	$6,742	($40,093)
AEP Energy Supply	**$103,198,395**	**$8,852,881**	**$164,876,768**	**$597,116**	**$4,971,153**	**($10,850,922)**	**($5,559,630)**	**$659,314**	**($10,182,969)**
293 Elmwood	$2,081,140	$123,318	$3,324,971	$70,251	$104,524	($218,824)	($276,067)	$13,296	($306,820)
292 AEP River Operations LLC	$13,508,283	$640,047	$21,581,751	$592,521	$689,234	($1,420,345)	($1,245,634)	$86,302	($1,297,922)
AEP River Operations	**$15,589,423**	**$763,365**	**$24,906,722**	**$662,772**	**$793,758**	**($1,639,169)**	**($1,521,701)**	**$99,598**	**($1,604,742)**
Total	**$1,113,319,908**	**$90,421,869**	**$1,778,715,528**	**$10,394,913**	**$53,952,765**	**($117,061,388)**	**($69,056,806)**	**$7,112,772**	**($114,657,744)**

AMERICAN ELECTRIC POWER
NON-UMWA POSTRETIREMENT WELFARE PLAN
ESTIMATED 2022 NET PERIODIC POSTRETIREMENT BENEFIT COST

Location	Accumulated Postretirement Benefit Obligation	Expected Net Benefit Payments	Fair Value of Assets	Service Cost	Interest Cost	Expected Return on Assets	Amortizations PSC	Amortizations (G)/L	Net Periodic Postretirement Benefit Cost
140 Appalachian Power Co. - Distribution	$85,896,768	$7,801,949	$142,630,283	$606,266	$4,132,482	($9,392,955)	($5,097,397)	$509,439	($9,242,165)
215 Appalachian Power Co. - Generation	$73,469,142	$6,127,883	$121,994,398	$515,003	$3,547,879	($8,033,974)	($4,162,884)	$435,733	($7,698,243)
150 Appalachian Power Co. - Transmission	$9,509,880	$718,428	$15,791,012	$2,930	$457,899	($1,039,921)	($781,538)	$56,401	($1,304,229)
Appalachian Power Co. - FERC	**$168,875,790**	**$14,648,260**	**$280,415,693**	**$1,124,199**	**$8,138,260**	**($18,466,850)**	**($10,041,819)**	**$1,001,573**	**($18,244,637)**
225 Cedar Coal Co	$357,487	$59,858	$593,602	$0	$16,396	($39,092)	($8,202)	$2,120	($28,778)
Appalachian Power Co. - SEC	**$169,233,277**	**$14,708,118**	**$281,009,295**	**$1,124,199**	**$8,154,656**	**($18,505,942)**	**($10,050,021)**	**$1,003,693**	**($18,273,415)**
211 AEP Texas Central Company - Distribution	$64,156,862	$5,563,972	$106,531,498	$525,668	$3,096,724	($7,015,660)	($3,881,048)	$380,503	($6,893,813)
147 AEP Texas Central Company - Generation	$0	$0	$0	$0	$0	$0	($15,337)	$0	($15,337)
169 AEP Texas Central Company - Transmission	$6,065,455	$499,276	$10,071,596	$60,333	$293,960	($663,268)	($391,921)	$35,973	($664,923)
AEP Texas Central Co.	**$70,222,317**	**$6,063,248**	**$116,603,094**	**$586,001**	**$3,390,684**	**($7,678,928)**	**($4,288,306)**	**$416,476**	**($7,574,073)**
170 Indiana Michigan Power Co. - Distribution	$42,176,929	$3,935,438	$70,034,152	$350,785	$2,029,200	($4,612,118)	($2,601,438)	$250,144	($4,583,427)
132 Indiana Michigan Power Co. - Generation	$25,188,094	$2,177,890	$41,824,449	$235,783	$1,217,411	($2,754,360)	($1,850,054)	$149,386	($3,001,834)
190 Indiana Michigan Power Co. - Nuclear	$45,765,985	$3,388,596	$75,993,725	$806,111	$2,244,923	($5,004,587)	($3,561,730)	$271,430	($5,243,853)
120 Indiana Michigan Power Co. - Transmission	$9,627,588	$760,982	$15,986,464	$68,892	$466,031	($1,052,793)	($596,815)	$57,100	($1,057,585)
280 Ind Mich River Transp Lakin	$9,518,799	$751,843	$15,805,822	$137,929	$464,270	($1,040,897)	($811,278)	$56,454	($1,193,522)
Indiana Michigan Power Co. - FERC	**$132,277,395**	**$11,014,749**	**$219,644,612**	**$1,599,500**	**$6,421,835**	**($14,464,755)**	**($9,421,315)**	**$784,514**	**($15,080,221)**
202 Price River Coal	$0	$0	$0	$0	$0	$0	$0	$0	$0
Indiana Michigan Power Co. - SEC	**$132,277,395**	**$11,014,749**	**$219,644,612**	**$1,599,500**	**$6,421,835**	**($14,464,755)**	**($9,421,315)**	**$784,514**	**($15,080,221)**
110 Kentucky Power Co. - Distribution	$15,719,323	$1,336,972	$26,101,698	$122,419	$759,070	($1,718,934)	($1,210,578)	$93,229	($1,954,794)
117 Kentucky Power Co. - Generation	$9,650,251	$820,597	$16,024,096	$39,521	$464,224	($1,055,271)	($611,828)	$57,234	($1,106,120)
180 Kentucky Power Co. - Transmission	$972,575	$66,195	$1,614,946	$231	$47,006	($106,353)	($198,150)	$5,768	($251,498)
600 Kentucky Power Co. - Kammer Actives	$1,025,178	$89,864	$1,702,293	$25,406	$50,310	($112,105)	($42,530)	$6,080	($72,839)
701 Kentucky Power Co. - Mitchell Actives	$5,531,127	$406,146	$9,184,353	$150,386	$274,046	($604,838)	($160,767)	$32,804	($308,369)
702 Kentucky Power Co. - Mitchell Inactives	$7,371,176	$619,310	$12,239,726	$0	$353,265	($806,050)	($200,743)	$43,717	($609,811)
Kentucky Power Co.	**$40,269,630**	**$3,339,084**	**$66,867,112**	**$337,963**	**$1,947,921**	**($4,403,551)**	**($2,424,596)**	**$238,832**	**($4,303,431)**
250 Ohio Power Co. - Distribution	$112,210,320	$9,989,671	$186,323,537	$841,493	$5,405,895	($12,270,386)	($5,890,962)	$665,500	($11,248,460)
160 Ohio Power Co. - Transmission	$14,056,688	$1,183,742	$23,340,918	$6,463	$673,925	($1,537,122)	($1,031,548)	$83,368	($1,804,914)
Ohio Power Co.	**$126,267,008**	**$11,173,413**	**$209,664,455**	**$847,956**	**$6,079,820**	**($13,807,508)**	**($6,922,510)**	**$748,868**	**($13,053,374)**
167 Public Service Co. of Oklahoma - Distribution	$39,108,587	$3,349,862	$64,939,217	$371,238	$1,891,266	($4,276,589)	($2,477,659)	$231,946	($4,259,798)
198 Public Service Co. of Oklahoma - Generation	$19,018,110	$1,577,654	$31,579,284	$243,478	$924,119	($2,079,662)	($1,498,642)	$112,793	($2,297,914)
114 Public Service Co. of Oklahoma - Transmission	$4,489,875	$370,374	$7,455,369	$53,321	$218,013	($490,975)	($313,349)	$26,629	($506,361)
Public Service Co. of Oklahoma	**$62,616,572**	**$5,297,890**	**$103,973,870**	**$668,037**	**$3,033,398**	**($6,847,226)**	**($4,289,650)**	**$371,368**	**($7,064,073)**
159 Southwestern Electric Power Co. - Distribution	$27,621,326	$2,240,207	$45,864,794	$288,680	$1,340,178	($3,020,438)	($1,794,965)	$163,817	($3,022,728)
168 Southwestern Electric Power Co. - Generation	$26,794,013	$2,191,145	$44,491,053	$365,472	$1,303,864	($2,929,970)	($2,137,691)	$158,911	($3,239,414)
161 Southwestern Electric Power Co. - Texas - Distribution	$12,833,651	$995,583	$21,310,083	$132,257	$623,709	($1,403,381)	($942,674)	$76,114	($1,513,975)
111 Southwestern Electric Power Co. - Texas - Transmission	$0	$0	$0	$0	$0	$0	$0	$0	$0
194 Southwestern Electric Power Co. - Transmission	$4,302,305	$322,794	$7,143,912	$42,010	$209,244	($470,464)	($280,205)	$25,516	($473,899)
Southwestern Electric Power Co.	**$71,551,295**	**$5,749,729**	**$118,809,842**	**$828,419**	**$3,476,995**	**($7,824,253)**	**($5,155,535)**	**$424,358**	**($8,250,016)**
119 AEP Texas North Company - Distribution	$17,832,882	$1,561,581	$29,611,231	$155,320	$860,847	($1,950,056)	($1,276,048)	$105,764	($2,104,173)
166 AEP Texas North Company - Generation	$4,488,872	$489,557	$7,453,704	$0	$212,354	($490,866)	($67,677)	$26,623	($319,566)
192 AEP Texas North Company - Transmission	$2,537,613	$221,800	$4,213,668	$31,505	$122,979	($277,492)	($233,844)	$15,050	($341,802)
AEP Texas North Co.	**$24,859,367**	**$2,272,938**	**$41,278,603**	**$186,825**	**$1,196,180**	**($2,718,414)**	**($1,577,569)**	**$147,437**	**($2,765,541)**
230 Kingsport Power Co. - Distribution	$3,435,531	$285,408	$5,704,647	$31,483	$166,303	($375,681)	($177,403)	$20,376	($334,922)
260 Kingsport Power Co. - Transmission	$382,926	$33,661	$635,843	$0	$18,315	($41,874)	($40,419)	$2,271	($61,707)
Kingsport Power Co.	**$3,818,457**	**$319,069**	**$6,340,490**	**$31,483**	**$184,618**	**($417,555)**	**($217,822)**	**$22,647**	**($396,629)**
210 Wheeling Power Co. - Distribution	$4,428,428	$408,582	$7,353,338	$32,843	$212,974	($484,256)	($259,071)	$26,264	($471,246)
200 Wheeling Power Co. - Transmission	$143,379	$27,982	$238,079	$0	$6,478	($15,679)	($2,613)	$850	($10,964)
Wheeling Power Co.	**$4,571,807**	**$436,564**	**$7,591,417**	**$32,843**	**$219,452**	**($499,935)**	**($261,684)**	**$27,114**	**($482,210)**
103 American Electric Power Service Corporation	$264,074,168	$19,431,362	$438,491,159	$3,101,094	$12,878,905	($28,876,951)	($17,282,221)	$1,566,174	($28,612,999)
American Electric Power Service Corporation	**$264,074,168**	**$19,431,362**	**$438,491,159**	**$3,101,094**	**$12,878,905**	**($28,876,951)**	**($17,282,221)**	**$1,566,174**	**($28,612,999)**
143 AEP Pro Serv, Inc.	$104,944	$4,552	$174,258	$0	$5,135	($11,476)	($1,133)	$622	($6,852)
189 Central Coal Company	$0	$0	$0	$0	$0	$0	$0	$0	$0
171 CSW Energy, Inc.	$268,589	$18,214	$445,988	$0	$12,980	($29,371)	($15,366)	$1,593	($30,164)
Miscellaneous	**$373,533**	**$22,766**	**$620,246**	**$0**	**$18,115**	**($40,847)**	**($16,499)**	**$2,215**	**($37,016)**
270 Cook Coal Terminal	$914,520	$90,361	$1,518,547	$7,662	$43,878	($100,004)	($67,747)	$5,424	($110,787)
AEP Generating Company	**$914,520**	**$90,361**	**$1,518,547**	**$7,662**	**$43,878**	**($100,004)**	**($67,747)**	**$5,424**	**($110,787)**
104 Cardinal Operating Company	$18,042,398	$1,467,205	$29,959,129	$181,716	$874,973	($1,972,966)	($1,116,823)	$107,006	($1,926,094)
181 Ohio Power Co. - Generation	$79,849,610	$7,096,608	$132,589,068	$386,928	$3,836,576	($8,731,688)	($4,359,566)	$473,574	($8,394,176)
AEP Generation Resources - FERC	**$97,892,008**	**$8,563,813**	**$162,548,197**	**$568,644**	**$4,711,549**	**($10,704,654)**	**($5,476,389)**	**$580,580**	**($10,320,270)**
290 Conesville Coal Preparation Company	$899,283	$93,827	$1,493,246	$0	$42,647	($98,338)	($51,555)	$5,333	($101,913)
AEP Generation Resources - SEC	**$98,791,291**	**$8,657,640**	**$164,041,443**	**$568,644**	**$4,754,196**	**($10,802,992)**	**($5,527,944)**	**$585,913**	**($10,422,183)**
175 AEP Energy Partners	$1,122,492	$34,776	$1,863,881	$42,654	$57,399	($122,746)	($31,686)	$6,657	($47,722)
AEP Energy Supply	**$99,913,783**	**$8,692,416**	**$165,905,324**	**$611,298**	**$4,811,595**	**($10,925,738)**	**($5,559,630)**	**$592,570**	**($10,469,905)**
293 Elmwood	$2,132,597	$131,671	$3,541,145	$71,919	$106,974	($233,203)	($276,067)	$12,648	($317,729)
292 AEP River Operations LLC	$14,149,991	$697,132	$23,495,846	$606,593	$720,613	($1,547,325)	($1,245,634)	$83,921	($1,381,832)
AEP River Operations	**$16,282,588**	**$828,803**	**$27,036,991**	**$678,512**	**$827,587**	**($1,780,528)**	**($1,521,701)**	**$96,569**	**($1,699,561)**
Total	**$1,087,245,717**	**$89,440,510**	**$1,805,355,057**	**$10,641,792**	**$52,685,639**	**($118,892,135)**	**($69,056,806)**	**$6,448,259**	**($118,173,251)**

AMERICAN ELECTRIC POWER
NON-UMWA POSTRETIREMENT WELFARE PLAN
ESTIMATED 2023 NET PERIODIC POSTRETIREMENT BENEFIT COST

Location	Accumulated Postretirement Benefit Obligation	Expected Net Benefit Payments	Fair Value of Assets	Service Cost	Interest Cost	Expected Return on Assets	Amortizations PSC	Amortizations (G)/L	Net Periodic Postretirement Benefit Cost
140 Appalachian Power Co. - Distribution	$82,833,567	$7,573,226	$143,227,695	$620,665	$3,985,690	($9,439,650)	($4,467,940)	$452,230	($8,849,005)
215 Appalachian Power Co. - Generation	$71,404,141	$5,931,022	$123,465,051	$527,234	$3,450,102	($8,137,162)	($3,609,086)	$389,831	($7,379,081)
150 Appalachian Power Co. - Transmission	$9,252,281	$728,006	$15,998,139	$3,000	$444,786	($1,054,383)	($682,877)	$50,513	($1,238,961)
Appalachian Power Co. - FERC	**$163,489,989**	**$14,232,254**	**$282,690,885**	**$1,150,899**	**$7,880,578**	**($18,631,195)**	**($8,759,903)**	**$892,574**	**($17,467,047)**
225 Cedar Coal Co	$314,025	$53,583	$542,981	$0	$14,378	($35,786)	($4,704)	$1,714	($24,398)
Appalachian Power Co. - SEC	**$163,804,014**	**$14,285,837**	**$283,233,866**	**$1,150,899**	**$7,894,956**	**($18,666,981)**	**($8,764,607)**	**$894,288**	**($17,491,445)**
211 AEP Texas Central Company - Distribution	$62,215,282	$5,467,214	$107,576,575	$538,153	$3,002,658	($7,090,006)	($3,406,020)	$339,664	($6,615,551)
147 AEP Texas Central Company - Generation	$0	$0	$0	$0	$0	$0	($9,150)	$0	($9,150)
169 AEP Texas Central Company - Transmission	$5,920,472	$496,861	$10,237,101	$61,766	$286,842	($674,693)	($345,328)	$32,323	($639,090)
AEP Texas Central Co.	**$68,135,754**	**$5,964,075**	**$117,813,676**	**$599,919**	**$3,289,500**	**($7,764,699)**	**($3,760,498)**	**$371,987**	**($7,263,791)**
170 Indiana Michigan Power Co. - Distribution	$40,621,476	$3,778,577	$70,238,680	$359,116	$1,955,717	($4,629,193)	($2,258,362)	$221,773	($4,350,949)
132 Indiana Michigan Power Co. - Generation	$24,463,398	$2,181,215	$42,299,713	$241,383	$1,181,374	($2,787,830)	($1,637,929)	$133,558	($2,869,444)
190 Indiana Michigan Power Co. - Nuclear	$45,428,423	$3,415,144	$78,550,382	$825,256	$2,228,347	($5,176,989)	($3,173,548)	$248,016	($5,048,918)
120 Indiana Michigan Power Co. - Transmission	$9,401,529	$748,093	$16,256,204	$70,528	$455,129	($1,071,391)	($519,191)	$51,328	($1,013,597)
280 Ind Mich River Transp Lakin	$9,369,155	$741,744	$16,200,226	$141,205	$457,201	($1,067,702)	($726,153)	$51,151	($1,144,298)
Indiana Michigan Power Co. - FERC	**$129,283,981**	**$10,864,773**	**$223,545,205**	**$1,637,488**	**$6,277,768**	**($14,733,105)**	**($8,315,183)**	**$705,826**	**($14,427,206)**
202 Price River Coal	$0	$0	$0	$0	$0	$0	$0	$0	$0
Indiana Michigan Power Co. - SEC	**$129,283,981**	**$10,864,773**	**$223,545,205**	**$1,637,488**	**$6,277,768**	**($14,733,105)**	**($8,315,183)**	**$705,826**	**($14,427,206)**
110 Kentucky Power Co. - Distribution	$15,263,840	$1,316,286	$26,392,738	$125,326	$736,953	($1,739,456)	($1,077,751)	$83,333	($1,871,595)
117 Kentucky Power Co. - Generation	$9,333,399	$799,471	$16,138,400	$40,460	$448,950	($1,063,627)	($534,759)	$50,956	($1,058,020)
180 Kentucky Power Co. - Transmission	$953,617	$67,533	$1,648,901	$236	$46,025	($108,673)	($179,802)	$5,206	($237,008)
600 Kentucky Power Co. - Kammer Actives	$1,011,030	$92,406	$1,748,174	$26,009	$49,570	($115,216)	($42,519)	$5,520	($76,636)
701 Kentucky Power Co. - Mitchell Actives	$5,549,413	$395,373	$9,595,502	$153,958	$275,405	($632,407)	($160,758)	$30,297	($333,505)
702 Kentucky Power Co. - Mitchell Inactives	$7,105,131	$572,082	$12,285,497	$0	$341,129	($809,695)	($200,742)	$38,790	($630,518)
Kentucky Power Co.	**$39,216,430**	**$3,243,151**	**$67,809,212**	**$345,989**	**$1,898,032**	**($4,469,074)**	**($2,196,331)**	**$214,102**	**($4,207,282)**
250 Ohio Power Co. - Distribution	$108,468,037	$9,768,289	$187,552,311	$861,478	$5,225,247	($12,360,935)	($5,113,012)	$592,181	($10,795,041)
160 Ohio Power Co. - Transmission	$13,553,334	$1,170,022	$23,435,098	$6,616	$649,104	($1,544,528)	($894,314)	$73,994	($1,709,128)
Ohio Power Co.	**$122,021,371**	**$10,938,311**	**$210,987,409**	**$868,094**	**$5,874,351**	**($13,905,463)**	**($6,007,326)**	**$666,175**	**($12,504,169)**
167 Public Service Co. of Oklahoma - Distribution	$38,021,229	$3,333,853	$65,742,587	$380,055	$1,837,734	($4,332,870)	($2,179,866)	$207,577	($4,087,370)
198 Public Service Co. of Oklahoma - Generation	$18,608,053	$1,609,632	$32,175,224	$249,261	$903,116	($2,120,560)	($1,343,022)	$101,591	($2,209,614)
114 Public Service Co. of Oklahoma - Transmission	$4,390,835	$350,264	$7,592,202	$54,587	$213,621	($500,376)	($277,975)	$23,972	($486,171)
Public Service Co. of Oklahoma	**$61,020,117**	**$5,293,749**	**$105,510,013**	**$683,903**	**$2,954,471**	**($6,953,806)**	**($3,800,863)**	**$333,140**	**($6,783,155)**
159 Southwestern Electric Power Co. - Distribution	$27,009,977	$2,216,463	$46,703,008	$295,536	$1,310,540	($3,078,036)	($1,712,430)	$147,461	($3,036,929)
168 Southwestern Electric Power Co. - Generation	$26,272,204	$2,180,241	$45,427,323	$374,152	$1,278,477	($2,993,960)	($1,924,757)	$143,433	($3,122,655)
161 Southwestern Electric Power Co. - Texas - Distribution	$12,594,034	$1,016,268	$21,776,371	$135,398	$611,375	($1,435,207)	($840,316)	$68,757	($1,459,993)
111 Southwestern Electric Power Co. - Texas - Transmission	$0	$0	$0	$0	$0	$0	$0	$0	$0
194 Southwestern Electric Power Co. - Transmission	$4,230,765	$327,670	$7,315,425	$43,008	$205,597	($482,135)	($246,131)	$23,098	($456,563)
Southwestern Electric Power Co.	**$70,106,980**	**$5,740,642**	**$121,222,127**	**$848,094**	**$3,405,989**	**($7,989,338)**	**($4,723,634)**	**$382,749**	**($8,076,140)**
119 AEP Texas North Company - Distribution	$17,287,468	$1,560,776	$29,891,797	$159,009	$833,780	($1,970,067)	($1,133,906)	$94,381	($2,016,803)
166 AEP Texas North Company - Generation	$4,211,669	$476,374	$7,282,406	$0	$198,819	($479,959)	($38,821)	$22,994	($296,967)
192 AEP Texas North Company - Transmission	$2,470,297	$214,624	$4,271,396	$32,253	$119,827	($281,513)	($210,477)	$13,487	($326,423)
AEP Texas North Co.	**$23,969,434**	**$2,251,774**	**$41,445,599**	**$191,262**	**$1,152,426**	**($2,731,539)**	**($1,383,204)**	**$130,862**	**($2,640,193)**
230 Kingsport Power Co. - Distribution	$3,347,909	$270,882	$5,788,877	$32,231	$162,318	($381,525)	($154,125)	$18,278	($322,823)
260 Kingsport Power Co. - Transmission	$367,580	$33,561	$635,583	$0	$17,550	($41,889)	($34,972)	$2,007	($57,304)
Kingsport Power Co.	**$3,715,489**	**$304,443**	**$6,424,460**	**$32,231**	**$179,868**	**($423,414)**	**($189,097)**	**$20,285**	**($380,127)**
210 Wheeling Power Co. - Distribution	$4,265,663	$400,991	$7,375,767	$33,623	$205,062	($486,112)	($226,479)	$23,288	($450,618)
200 Wheeling Power Co. - Transmission	$121,875	$25,282	$210,734	$0	$5,469	($13,889)	($1,501)	$665	($9,256)
Wheeling Power Co.	**$4,387,538**	**$426,273**	**$7,586,501**	**$33,623**	**$210,531**	**($500,001)**	**($227,980)**	**$23,953**	**($459,874)**
103 American Electric Power Service Corporation	$260,622,805	$19,319,548	$450,643,441	$3,174,747	$12,712,779	($29,700,374)	($15,083,759)	$1,422,873	($27,473,734)
American Electric Power Service Corporation	**$260,622,805**	**$19,319,548**	**$450,643,441**	**$3,174,747**	**$12,712,779**	**($29,700,374)**	**($15,083,759)**	**$1,422,873**	**($27,473,734)**
143 AEP Pro Serv, Inc.	$105,527	$4,975	$182,467	$0	$5,153	($12,026)	($650)	$576	($6,947)
189 Central Coal Company	$0	$0	$0	$0	$0	$0	$0	$0	$0
171 CSW Energy, Inc.	$263,355	$18,836	$455,368	$0	$12,703	($30,012)	($13,873)	$1,438	($29,744)
Miscellaneous	**$368,882**	**$23,811**	**$637,835**	**$0**	**$17,856**	**($42,038)**	**($14,523)**	**$2,014**	**($36,691)**
270 Cook Coal Terminal	$875,699	$77,391	$1,514,173	$7,844	$42,266	($99,794)	($60,465)	$4,781	($105,368)
AEP Generating Company	**$875,699**	**$77,391**	**$1,514,173**	**$7,844**	**$42,266**	**($99,794)**	**($60,465)**	**$4,781**	**($105,368)**
104 Cardinal Operating Company	$17,631,882	$1,430,593	$30,487,324	$186,032	$855,567	($2,009,316)	($982,050)	$96,261	($1,853,506)
181 Ohio Power Co. - Generation	$76,976,506	$6,888,813	$133,100,239	$396,118	$3,698,511	($8,772,184)	($3,691,307)	$420,253	($7,948,609)
AEP Generation Resources - FERC	**$94,608,388**	**$8,319,406**	**$163,587,563**	**$582,150**	**$4,554,078**	**($10,781,500)**	**($4,673,357)**	**$516,514**	**($9,802,115)**
290 Conesville Coal Preparation Company	$848,103	$83,480	$1,466,457	$0	$40,344	($96,649)	($44,779)	$4,630	($96,454)
AEP Generation Resources - SEC	**$95,456,491**	**$8,402,886**	**$165,054,020**	**$582,150**	**$4,594,422**	**($10,878,149)**	**($4,718,136)**	**$521,144**	**($9,898,569)**
175 AEP Energy Partners	$1,187,769	$34,447	$2,053,774	$43,667	$60,721	($135,357)	($28,522)	$6,485	($53,006)
AEP Energy Supply	**$96,644,260**	**$8,437,333**	**$167,107,794**	**$625,817**	**$4,655,143**	**($11,013,506)**	**($4,746,658)**	**$527,629**	**($9,951,575)**
293 Elmwood	$2,179,819	$139,922	$3,769,130	$73,627	$109,217	($248,411)	($257,329)	$11,901	($310,995)
292 AEP River Operations LLC	$14,780,065	$751,552	$25,556,242	$621,000	$751,494	($1,684,325)	($1,149,926)	$80,692	($1,381,065)
AEP River Operations	**$16,959,884**	**$891,474**	**$29,325,372**	**$694,627**	**$860,711**	**($1,932,736)**	**($1,407,255)**	**$92,593**	**($1,692,060)**
Total	**$1,061,132,638**	**$88,062,585**	**$1,834,806,683**	**$10,894,537**	**$51,426,647**	**($120,925,868)**	**($60,681,383)**	**$5,793,257**	**($113,492,810)**

AMERICAN ELECTRIC POWER
NON-UMWA POSTRETIREMENT WELFARE PLAN
ESTIMATED 2024 NET PERIODIC POSTRETIREMENT BENEFIT COST

Location	Accumulated Postretirement Benefit Obligation	Expected Net Benefit Payments	Fair Value of Assets	Service Cost	Interest Cost	Expected Return on Assets	Amortizations PSC	Amortizations (G)/L	Net Periodic Postretirement Benefit Cost
140 Appalachian Power Co. - Distribution	$79,866,696	$7,343,316	$144,065,957	$635,406	$3,843,761	($9,502,818)	($750,141)	$396,676	($5,377,116)
215 Appalachian Power Co. - Generation	$69,450,455	$5,855,306	$125,276,827	$539,756	$3,354,913	($8,263,457)	($596,598)	$344,941	($4,620,445)
150 Appalachian Power Co. - Transmission	$8,972,061	$734,050	$16,184,074	$3,071	$430,629	($1,067,527)	($114,808)	$44,562	($704,073)
Appalachian Power Co. - FERC	**$158,289,212**	**$13,932,672**	**$285,526,858**	**$1,178,233**	**$7,629,303**	**($18,833,802)**	**($1,461,547)**	**$786,179**	**($10,701,634)**
225 Cedar Coal Co	$274,820	$47,453	$495,729	$0	$12,569	($32,699)	$0	$1,365	($18,765)
Appalachian Power Co. - SEC	**$158,564,032**	**$13,980,125**	**$286,022,587**	**$1,178,233**	**$7,641,872**	**($18,866,501)**	**($1,461,547)**	**$787,544**	**($10,720,399)**
211 AEP Texas Central Company - Distribution	$60,288,879	$5,394,093	$108,750,899	$550,934	$2,908,783	($7,173,381)	($572,702)	$299,438	($3,986,928)
147 AEP Texas Central Company - Generation	$0	$0	$0	$0	$0	$0	($170)	$0	($170)
169 AEP Texas Central Company - Transmission	$5,772,219	$492,098	$10,412,103	$63,233	$279,620	($686,799)	($58,681)	$28,669	($373,958)
AEP Texas Central Co.	**$66,061,098**	**$5,886,191**	**$119,163,002**	**$614,167**	**$3,188,403**	**($7,860,180)**	**($631,553)**	**$328,107**	**($4,361,056)**
170 Indiana Michigan Power Co. - Distribution	$39,157,732	$3,623,037	$70,633,899	$367,645	$1,886,798	($4,659,123)	($374,954)	$194,486	($2,585,148)
132 Indiana Michigan Power Co. - Generation	$23,704,940	$2,117,887	$42,759,686	$247,116	$1,145,301	($2,820,496)	($282,661)	$117,736	($1,593,004)
190 Indiana Michigan Power Co. - Nuclear	$45,066,882	$3,402,457	$81,293,002	$844,856	$2,211,563	($5,362,215)	($560,473)	$223,835	($2,642,434)
120 Indiana Michigan Power Co. - Transmission	$9,179,093	$759,122	$16,557,525	$72,203	$443,818	($1,092,160)	($86,552)	$45,590	($617,101)
280 Ind Mich River Transp Lakin	$9,225,817	$730,667	$16,641,807	$144,559	$450,475	($1,097,720)	($126,462)	$45,822	($583,326)
Indiana Michigan Power Co. - FERC	**$126,334,464**	**$10,633,170**	**$227,885,919**	**$1,676,379**	**$6,137,955**	**($15,031,714)**	**($1,431,102)**	**$627,469**	**($8,021,013)**
202 Price River Coal	$0	$0	$0	$0	$0	$0	$0	$0	$0
Indiana Michigan Power Co. - SEC	**$126,334,464**	**$10,633,170**	**$227,885,919**	**$1,676,379**	**$6,137,955**	**($15,031,714)**	**($1,431,102)**	**$627,469**	**($8,021,013)**
110 Kentucky Power Co. - Distribution	$14,809,833	$1,273,741	$26,714,424	$128,302	$715,452	($1,762,126)	($186,335)	$73,556	($1,031,151)
117 Kentucky Power Co. - Generation	$9,023,338	$782,684	$16,276,569	$41,421	$433,910	($1,073,628)	($89,627)	$44,816	($643,108)
180 Kentucky Power Co. - Transmission	$932,345	$69,257	$1,681,792	$242	$44,919	($110,934)	($32,292)	$4,631	($93,434)
600 Kentucky Power Co. - Kammer Actives	$994,203	$93,077	$1,793,373	$26,627	$48,743	($118,294)	($12,715)	$4,938	($50,701)
701 Kentucky Power Co. - Mitchell Actives	$5,583,403	$414,056	$10,071,511	$157,615	$276,826	($664,333)	($60,305)	$27,731	($262,466)
702 Kentucky Power Co. - Mitchell Inactives	$6,874,178	$571,616	$12,399,850	$0	$329,593	($817,914)	($108,102)	$34,142	($562,281)
Kentucky Power Co.	**$38,217,300**	**$3,204,431**	**$68,937,519**	**$354,207**	**$1,849,443**	**($4,547,229)**	**($489,376)**	**$189,814**	**($2,643,141)**
250 Ohio Power Co. - Distribution	$104,786,473	$9,458,519	$189,017,003	$881,938	$5,049,842	($12,467,860)	($841,947)	$520,446	($6,857,581)
160 Ohio Power Co. - Transmission	$13,039,032	$1,168,873	$23,520,199	$6,773	$623,425	($1,551,429)	($147,780)	$64,761	($1,004,250)
Ohio Power Co.	**$117,825,505**	**$10,627,392**	**$212,537,202**	**$888,711**	**$5,673,267**	**($14,019,289)**	**($989,727)**	**$585,207**	**($7,861,831)**
167 Public Service Co. of Oklahoma - Distribution	$36,905,165	$3,260,543	$66,570,650	$389,081	$1,784,193	($4,391,105)	($369,064)	$183,298	($2,403,597)
198 Public Service Co. of Oklahoma - Generation	$18,150,798	$1,568,237	$32,740,957	$255,181	$881,571	($2,159,645)	($235,833)	$90,150	($1,168,576)
114 Public Service Co. of Oklahoma - Transmission	$4,308,779	$348,569	$7,772,306	$55,883	$209,625	($512,674)	($47,953)	$21,401	($273,718)
Public Service Co. of Oklahoma	**$59,364,742**	**$5,177,349**	**$107,083,913**	**$700,145**	**$2,875,389**	**($7,063,424)**	**($652,850)**	**$294,849**	**($3,845,891)**
159 Southwestern Electric Power Co. - Distribution	$26,399,590	$2,201,502	$47,620,377	$302,555	$1,280,741	($3,141,115)	($331,569)	$131,119	($1,758,269)
168 Southwestern Electric Power Co. - Generation	$25,744,592	$2,209,873	$46,438,872	$383,038	$1,251,809	($3,063,181)	($339,735)	$127,866	($1,640,203)
161 Southwestern Electric Power Co. - Texas - Distribution	$12,324,539	$1,004,192	$22,231,375	$138,614	$598,359	($1,466,417)	($145,622)	$61,213	($813,853)
111 Southwestern Electric Power Co. - Texas - Transmission	$0	$0	$0	$0	$0	$0	$0	$0	$0
194 Southwestern Electric Power Co. - Transmission	$4,151,700	$338,533	$7,488,962	$44,029	$201,426	($493,984)	($41,708)	$20,620	($269,617)
Southwestern Electric Power Co.	**$68,620,421**	**$5,754,100**	**$123,779,586**	**$868,236**	**$3,332,335**	**($8,164,697)**	**($858,634)**	**$340,818**	**($4,481,942)**
119 AEP Texas North Company - Distribution	$16,719,481	$1,514,075	$30,159,104	$162,785	$806,723	($1,989,342)	($194,782)	$83,041	($1,131,575)
166 AEP Texas North Company - Generation	$3,934,114	$460,950	$7,096,474	$0	$185,323	($468,095)	$0	$19,540	($263,232)
192 AEP Texas North Company - Transmission	$2,407,753	$206,063	$4,343,178	$33,019	$116,950	($286,483)	($37,182)	$11,959	($161,737)
AEP Texas North Co.	**$23,061,348**	**$2,181,088**	**$41,598,756**	**$195,804**	**$1,108,996**	**($2,743,920)**	**($231,964)**	**$114,540**	**($1,556,544)**
230 Kingsport Power Co. - Distribution	$3,271,576	$273,952	$5,901,368	$32,996	$158,463	($389,264)	($25,400)	$16,249	($206,956)
260 Kingsport Power Co. - Transmission	$351,569	$33,130	$634,171	$0	$16,760	($41,831)	($5,843)	$1,746	($29,168)
Kingsport Power Co.	**$3,623,145**	**$307,082**	**$6,535,539**	**$32,996**	**$175,223**	**($431,095)**	**($31,243)**	**$17,995**	**($236,124)**
210 Wheeling Power Co. - Distribution	$4,103,357	$393,418	$7,401,759	$34,422	$197,173	($488,232)	($37,583)	$20,380	($273,840)
200 Wheeling Power Co. - Transmission	$102,062	$22,393	$184,103	$0	$4,550	($12,144)	$0	$507	($7,087)
Wheeling Power Co.	**$4,205,419**	**$415,811**	**$7,585,862**	**$34,422**	**$201,723**	**($500,376)**	**($37,583)**	**$20,887**	**($280,927)**
103 American Electric Power Service Corporation	$257,190,783	$19,206,514	$463,928,501	$3,250,147	$12,547,740	($30,601,454)	($2,589,281)	$1,277,397	($16,115,451)
American Electric Power Service Corporation	**$257,190,783**	**$19,206,514**	**$463,928,501**	**$3,250,147**	**$12,547,740**	**($30,601,454)**	**($2,589,281)**	**$1,277,397**	**($16,115,451)**
143 AEP Pro Serv, Inc.	$105,705	$5,106	$190,674	$0	$5,159	($12,577)	$0	$525	($6,893)
189 Central Coal Company	$0	$0	$0	$0	$0	$0	$0	$0	$0
171 CSW Energy, Inc.	$257,222	$19,202	$463,985	$0	$12,387	($30,605)	($2,497)	$1,278	($19,437)
Miscellaneous	**$362,927**	**$24,308**	**$654,659**	**$0**	**$17,546**	**($43,182)**	**($2,497)**	**$1,803**	**($26,330)**
270 Cook Coal Terminal	$848,418	$71,784	$1,530,402	$8,030	$41,050	($100,948)	($10,620)	$4,214	($58,274)
AEP Generating Company	**$848,418**	**$71,784**	**$1,530,402**	**$8,030**	**$41,050**	**($100,948)**	**($10,620)**	**$4,214**	**($58,274)**
104 Cardinal Operating Company	$17,242,888	$1,426,675	$31,103,242	$190,450	$836,435	($2,051,619)	($166,189)	$85,641	($1,105,282)
181 Ohio Power Co. - Generation	$74,182,322	$6,592,815	$133,812,311	$405,526	$3,566,582	($8,826,471)	($484,947)	$368,443	($4,970,867)
AEP Generation Resources - FERC	**$91,425,210**	**$8,019,490**	**$164,915,553**	**$595,976**	**$4,403,017**	**($10,878,090)**	**($651,136)**	**$454,084**	**($6,076,149)**
290 Conesville Coal Preparation Company	$804,967	$65,372	$1,452,024	$0	$38,634	($95,778)	($7,443)	$3,998	($60,589)
AEP Generation Resources - SEC	**$92,230,177**	**$8,084,862**	**$166,367,577**	**$595,976**	**$4,441,651**	**($10,973,868)**	**($658,579)**	**$458,082**	**($6,136,738)**
175 AEP Energy Partners	$1,257,710	$37,551	$2,268,695	$44,704	$64,193	($149,647)	($5,145)	$6,247	($39,648)
AEP Energy Supply	**$93,487,887**	**$8,122,413**	**$168,636,272**	**$640,680**	**$4,505,844**	**($11,123,515)**	**($663,724)**	**$464,329**	**($6,176,386)**
293 Elmwood	$2,222,741	$149,791	$4,009,447	$75,376	$111,207	($264,469)	($47,195)	$11,040	($114,041)
292 AEP River Operations LLC	$15,401,007	$805,373	$27,780,801	$635,749	$781,949	($1,832,465)	($212,552)	$76,493	($550,826)
AEP River Operations	**$17,623,748**	**$955,164**	**$31,790,248**	**$711,125**	**$893,156**	**($2,096,934)**	**($259,747)**	**$87,533**	**($664,867)**
Total	**$1,035,391,237**	**$86,546,922**	**$1,867,669,967**	**$11,153,282**	**$50,189,942**	**($123,194,458)**	**($10,341,448)**	**$5,142,506**	**($67,050,176)**

AMERICAN ELECTRIC POWER
NON-UMWA POSTRETIREMENT WELFARE PLAN
ESTIMATED 2025 NET PERIODIC POSTRETIREMENT BENEFIT COST

Location	Accumulated Postretirement Benefit Obligation	Expected Net Benefit Payments	Fair Value of Assets	Service Cost	Interest Cost	Expected Return on Assets	Amortizations PSC	Amortizations (G)/L	Net Periodic Postretirement Benefit Cost
140 Appalachian Power Co. - Distribution	$77,002,547	$7,109,327	$145,158,490	$650,497	$3,707,087	($9,583,606)	$0	$342,465	($4,883,557)
215 Appalachian Power Co. - Generation	$67,489,818	$5,705,488	$127,225,922	$552,575	$3,261,222	($8,399,668)	$0	$300,158	($4,285,713)
150 Appalachian Power Co. - Transmission	$8,671,711	$737,689	$16,347,154	$3,144	$415,525	($1,079,266)	$0	$38,567	($622,030)
Appalachian Power Co. - FERC	**$153,164,076**	**$13,552,504**	**$288,731,566**	**$1,206,216**	**$7,383,834**	**($19,062,540)**	**$0**	**$681,190**	**($9,791,300)**
225 Cedar Coal Co	$239,936	$41,484	$452,306	$0	$10,972	($29,862)	$0	$1,067	($17,823)
Appalachian Power Co. - SEC	**$153,404,012**	**$13,593,988**	**$289,183,872**	**$1,206,216**	**$7,394,806**	**($19,092,402)**	**$0**	**$682,257**	**($9,809,123)**
211 AEP Texas Central Company - Distribution	$58,354,503	$5,278,658	$110,004,823	$564,019	$2,815,569	($7,262,702)	$0	$259,529	($3,623,585)
147 AEP Texas Central Company - Generation	$0	$0	$0	$0	$0	$0	$0	$0	$0
169 AEP Texas Central Company - Transmission	$5,622,974	$479,501	$10,599,940	$64,735	$272,544	($699,826)	$0	$25,008	($337,539)
AEP Texas Central Co.	**$63,977,477**	**$5,758,159**	**$120,604,763**	**$628,754**	**$3,088,113**	**($7,962,528)**	**$0**	**$284,537**	**($3,961,124)**
170 Indiana Michigan Power Co. - Distribution	$37,789,138	$3,499,606	$71,236,789	$376,377	$1,821,853	($4,703,172)	$0	$168,065	($2,336,877)
132 Indiana Michigan Power Co. - Generation	$22,979,470	$2,034,364	$43,318,894	$252,985	$1,111,384	($2,859,986)	$0	$102,200	($1,393,417)
190 Indiana Michigan Power Co. - Nuclear	$44,720,844	$3,345,433	$84,303,837	$864,921	$2,196,673	($5,565,880)	$0	$198,894	($2,305,392)
120 Indiana Michigan Power Co. - Transmission	$8,935,992	$731,731	$16,845,353	$73,918	$432,425	($1,112,158)	$0	$39,742	($566,073)
280 Ind Mich River Transp Lakin	$9,090,184	$734,095	$17,136,023	$147,992	$443,780	($1,131,349)	$0	$40,428	($499,149)
Indiana Michigan Power Co. - FERC	**$123,515,628**	**$10,345,229**	**$232,840,896**	**$1,716,193**	**$6,006,115**	**($15,372,545)**	**$0**	**$549,329**	**($7,100,908)**
202 Price River Coal	$0	$0	$0	$0	$0	$0	$0	$0	$0
Indiana Michigan Power Co. - SEC	**$123,515,628**	**$10,345,229**	**$232,840,896**	**$1,716,193**	**$6,006,115**	**($15,372,545)**	**$0**	**$549,329**	**($7,100,908)**
110 Kentucky Power Co. - Distribution	$14,379,846	$1,232,702	$27,107,632	$131,349	$695,118	($1,789,691)	$0	$63,954	($899,270)
117 Kentucky Power Co. - Generation	$8,715,985	$762,098	$16,430,615	$42,405	$419,099	($1,084,777)	$0	$38,764	($584,509)
180 Kentucky Power Co. - Transmission	$908,249	$69,716	$1,712,152	$248	$43,703	($113,039)	$0	$4,039	($65,049)
600 Kentucky Power Co. - Kammer Actives	$976,496	$88,903	$1,840,805	$27,259	$47,992	($121,533)	$0	$4,343	($41,939)
701 Kentucky Power Co. - Mitchell Actives	$5,603,788	$420,221	$10,563,773	$161,358	$277,880	($697,438)	$0	$24,923	($233,277)
702 Kentucky Power Co. - Mitchell Inactives	$6,632,155	$570,723	$12,502,361	$0	$317,514	($825,427)	$0	$29,496	($478,417)
Kentucky Power Co.	**$37,216,519**	**$3,144,363**	**$70,157,338**	**$362,619**	**$1,801,306**	**($4,631,905)**	**$0**	**$165,519**	**($2,302,461)**
250 Ohio Power Co. - Distribution	$101,259,734	$9,205,007	$190,886,024	$902,884	$4,880,813	($12,602,614)	$0	$450,348	($6,368,569)
160 Ohio Power Co. - Transmission	$12,500,357	$1,136,500	$23,564,583	$6,934	$597,299	($1,555,773)	$0	$55,595	($895,945)
Ohio Power Co.	**$113,760,091**	**$10,341,507**	**$214,450,607**	**$909,818**	**$5,478,112**	**($14,158,387)**	**$0**	**$505,943**	**($7,264,514)**
167 Public Service Co. of Oklahoma - Distribution	$35,817,896	$3,175,988	$67,520,776	$398,322	$1,732,380	($4,457,834)	$0	$159,298	($2,167,834)
198 Public Service Co. of Oklahoma - Generation	$17,719,313	$1,534,483	$33,402,904	$261,242	$861,134	($2,205,315)	$0	$78,806	($1,004,133)
114 Public Service Co. of Oklahoma - Transmission	$4,225,718	$346,561	$7,965,955	$57,210	$205,588	($525,926)	$0	$18,794	($244,334)
Public Service Co. of Oklahoma	**$57,762,927**	**$5,057,032**	**$108,889,635**	**$716,774**	**$2,799,102**	**($7,189,075)**	**$0**	**$256,898**	**($3,416,301)**
159 Southwestern Electric Power Co. - Distribution	$25,781,384	$2,162,219	$48,600,818	$309,741	$1,251,160	($3,208,707)	$0	$114,661	($1,533,145)
168 Southwestern Electric Power Co. - Generation	$25,169,566	$2,172,145	$47,447,472	$392,135	$1,224,444	($3,132,561)	$0	$111,940	($1,404,042)
161 Southwestern Electric Power Co. - Texas - Distribution	$12,057,320	$1,008,747	$22,729,409	$141,906	$585,050	($1,500,634)	$0	$53,624	($720,054)
111 Southwestern Electric Power Co. - Texas - Transmission	$0	$0	$0	$0	$0	$0	$0	$0	$0
194 Southwestern Electric Power Co. - Transmission	$4,058,622	$350,460	$7,650,960	$45,075	$196,530	($505,129)	$0	$18,051	($245,473)
Southwestern Electric Power Co.	**$67,066,892**	**$5,693,571**	**$126,428,659**	**$888,857**	**$3,257,184**	**($8,347,031)**	**$0**	**$298,276**	**($3,902,714)**
119 AEP Texas North Company - Distribution	$16,174,914	$1,472,241	$30,491,538	$166,651	$780,721	($2,013,102)	$0	$71,937	($993,793)
166 AEP Texas North Company - Generation	$3,658,487	$444,383	$6,896,661	$0	$171,950	($455,329)	$0	$16,271	($267,108)
192 AEP Texas North Company - Transmission	$2,351,659	$213,302	$4,433,143	$33,803	$114,006	($292,683)	$0	$10,459	($134,415)
AEP Texas North Co.	**$22,185,060**	**$2,129,926**	**$41,821,342**	**$200,454**	**$1,066,677**	**($2,761,114)**	**$0**	**$98,667**	**($1,395,316)**
230 Kingsport Power Co. - Distribution	$3,189,083	$269,663	$6,011,781	$33,780	$154,484	($396,908)	$0	$14,183	($194,461)
260 Kingsport Power Co. - Transmission	$335,199	$32,575	$631,888	$0	$15,956	($41,718)	$0	$1,491	($24,271)
Kingsport Power Co.	**$3,524,282**	**$302,238**	**$6,643,669**	**$33,780**	**$170,440**	**($438,626)**	**$0**	**$15,674**	**($218,732)**
210 Wheeling Power Co. - Distribution	$3,941,534	$381,731	$7,430,236	$35,240	$189,412	($490,557)	$0	$17,530	($248,375)
200 Wheeling Power Co. - Transmission	$84,219	$19,681	$158,762	$0	$3,725	($10,482)	$0	$375	($6,382)
Wheeling Power Co.	**$4,025,753**	**$401,412**	**$7,588,998**	**$35,240**	**$193,137**	**($501,039)**	**$0**	**$17,905**	**($254,757)**
103 American Electric Power Service Corporation	$253,782,156	$19,079,404	$478,408,000	$3,327,337	$12,384,310	($31,585,295)	$0	$1,128,682	($14,744,966)
American Electric Power Service Corporation	**$253,782,156**	**$19,079,404**	**$478,408,000**	**$3,327,337**	**$12,384,310**	**($31,585,295)**	**$0**	**$1,128,682**	**($14,744,966)**
143 AEP Pro Serv, Inc.	$105,758	$5,560	$199,366	$0	$5,151	($13,162)	$0	$470	($7,541)
189 Central Coal Company	$0	$0	$0	$0	$0	$0	$0	$0	$0
171 CSW Energy, Inc.	$250,407	$19,604	$472,045	$0	$12,036	($31,165)	$0	$1,114	($18,015)
Miscellaneous	**$356,165**	**$25,164**	**$671,411**	**$0**	**$17,187**	**($44,327)**	**$0**	**$1,584**	**($25,556)**
270 Cook Coal Terminal	$825,714	$65,565	$1,556,564	$8,221	$40,078	($102,767)	$0	$3,672	($50,796)
AEP Generating Company	**$825,714**	**$65,565**	**$1,556,564**	**$8,221**	**$40,078**	**($102,767)**	**$0**	**$3,672**	**($50,796)**
104 Cardinal Operating Company	$16,843,098	$1,371,901	$31,751,140	$194,973	$818,024	($2,096,263)	$0	$74,909	($1,008,357)
181 Ohio Power Co. - Generation	$71,561,615	$6,401,605	$134,901,719	$415,157	$3,440,750	($8,906,437)	$0	$318,267	($4,732,263)
AEP Generation Resources - FERC	**$88,404,713**	**$7,773,506**	**$166,652,859**	**$610,130**	**$4,258,774**	**($11,002,700)**	**$0**	**$393,176**	**($5,740,620)**
290 Conesville Coal Preparation Company	$778,229	$55,840	$1,467,049	$0	$37,532	($96,857)	$0	$3,461	($55,864)
AEP Generation Resources - SEC	**$89,182,942**	**$7,829,346**	**$168,119,908**	**$610,130**	**$4,296,306**	**($11,099,557)**	**$0**	**$396,637**	**($5,796,484)**
175 AEP Energy Partners	$1,329,056	$40,676	$2,505,421	$45,766	$67,737	($165,412)	$0	$5,911	($45,998)
AEP Energy Supply	**$90,511,998**	**$7,870,022**	**$170,625,329**	**$655,896**	**$4,364,043**	**($11,264,969)**	**$0**	**$402,548**	**($5,842,482)**
293 Elmwood	$2,259,533	$145,318	$4,259,475	$77,166	$113,246	($281,218)	$0	$10,049	($80,757)
292 AEP River Operations LLC	$16,013,332	$845,461	$30,186,938	$650,848	$812,330	($1,992,992)	$0	$71,218	($458,596)
AEP River Operations	**$18,272,865**	**$990,779**	**$34,446,413**	**$728,014**	**$925,576**	**($2,274,210)**	**$0**	**$81,267**	**($539,353)**
Total	**$1,010,187,539**	**$84,798,359**	**$1,904,317,496**	**$11,418,173**	**$48,986,186**	**($125,726,220)**	**$0**	**$4,492,758**	**($60,829,103)**