



American Electric Power
801 Pennsylvania Ave. NW, Suite 735
Washington, DC 20004-2615
AEP.com

July 1, 2019

Honorable Kimberly D. Bose
Secretary
Federal Energy Regulatory Commission
888 First St., N.E.
Washington D.C. 20426

Amanda Riggs Conner
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Re: Transource West Virginia, LLC
Docket No. ER15-2114

Dear Secretary Bose:

American Electric Power Service Corporation, on behalf of its affiliate, Transource West Virginia, LLC (“Transource West Virginia”), hereby submits for filing for informational purposes the True-Up Adjustment to Transource West Virginia’s 2018 Projected Transmission Revenue Requirement (“Annual True-up”). The following is a list of documents submitted with this Annual True-up:

1. Transmittal Letter
2. Appendix A - Transource West Virginia 2018 True-up template
3. Appendix B - CWIP Report
4. Appendix C - Customer Meeting Notice

Transource West Virginia attaches fully functioning Excel spreadsheet files supporting the Annual True-up, which is available on the PJM website at:

<http://www.pjm.com/markets-and-operations/billing-settlements-and-credit/formula-rates.aspx>

Service of the 2018 PTRR was provided to PJM members via the PJM listserv, as will the Annual True-up.

A copy of this notice of such posting was provided to PJM, PJM customers, and the parties in this docket, and to all affected state commissions on July 1, 2019. The Annual True-up provides the calculation of the true-up of the 2018 projected revenue requirement to the actual 2018 revenue requirement. The 2018 true-up amount will be included in customer rates beginning January 1, 2020. The Annual Update contains no expenses or costs that have been alleged or judged in any administrative or judicial proceeding to be illegal, duplicative, or unnecessary costs that are demonstrably the product of discriminatory employment practices, as defined in 18 C.F.R. § 35.13(b)(7). In addition, Transource West Virginia has not made any material changes in its accounting policies and practices from those in effect during the previous rate year and upon which the current rate is based.

Kimberly D. Bose, Secretary

July 1, 2019

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AEP will host a webinar and teleconference meeting from 3:00 to 4:00 p.m. (Eastern Standard Time) on July 31, 2019, to afford interested parties the opportunity to discuss the Annual True-up.

Thank you for your attention to this informational filing. Please contact the undersigned if you have any questions concerning this filing.

Respectfully submitted,

/s/ Amanda Riggs Conner

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Attachments

Appendix A
Transource West Virginia 2018 True-up Template

Formula Rate - Non-Levelized

Rate Formula Template - Attachment H-26
Utilizing FERC Form 1 Data
Transource West Virginia, LLC

For the 12 months ended 12/31/2018

Line No.	(1)	(2) Source	(3)	(4)	(5) Allocated Amount
1	GROSS REVENUE REQUIREMENT, without incentives	(page 3, line 49)			\$ 2,988,346
	REVENUE CREDITS	(Note A)	Total	Allocator	
2	Account No. 454	(page 4, line 20)	-	TP 1.0000	-
3	Account No. 456.1	(page 4, line 21)	-	TP 1.0000	-
4	Revenues from Grandfathered Interzonal Transactions	(Note B)	-	TP 1.0000	-
5	Revenues from service provided by the ISO at a discount		-	TP 1.0000	-
6	TOTAL REVENUE CREDITS	(Sum of Lines 2 through 5)	-		-
7	Prior Period Adjustments	Attachment 11	-	DA 1.0000	-
8	True-up Adjustment with Interest	Attachment 3, line 4, Col. G+H	-	DA 1.0000	-
9	NET ANNUAL TRANSMISSION REVENUE REQUIREMENT	(Line 1 less line 6 plus lines 7 and 8)			\$ 2,988,346

Rate Calculations

A.	Network Service (NITS)	Source	
10	Current Year Annual Transmission Revenue Requirement, including true-up	Line 9	2,988,346
11	Less: Revenue Requirements Included in Line 10 For Schedule 12 Projects	Attachment 1, line 2, Col. 16	2,988,346
12	Zonal ATRR Without Incentives	(Line 10 - line 11)	-
13	Incremental Approved Incentives for non-Schedule 12 projects	Attachment 1, line 4, Col. 12	-
14	Zonal ATRR With Incentives	(Line 12 + line 13)	-
B.	Point-to-Point Service		
15	Year 2018 AEP East Zone Network Service Peak Load (1 CP)		21,647
16	Line 15 is provided from PJM records		
17	Annual Point-to-Point Rate in \$/MW - Year	(Line 14 / line 15)	\$0.0000
18	Monthly Point-to-Point Rate in \$/MW - Month	(Line 17 / 12)	\$0.0000
19	Weekly Point-to-Point Rate in \$/MW - Weekly	(Line 17 / 52)	\$0.0000
20	Daily On-Peak Point-to-Point Rate in \$/MW - Day	(Line 17 / 260)	\$0.0000
21	Daily Off-Peak Point-to-Point Rate in \$/MW - Day	(Line 17 / 365)	\$0.0000
22	Hourly On-Peak Point-to-Point Rate in \$/MW - Hour	(Line 17 / 4160)	\$0.0000
23	Hourly Off-Peak Point-to-Point Rate in \$/MW - Hour	(Line 17 / 8760)	\$0.0000
C.	PJM Regional Service		
24	Schedule 12 ATRR Without Incentives	Attachment 1, line 2, Col. 16 less line 12	2,988,346
25	FERC Approved Incentives on Schedule 12 projects	Attachment 1, line 2, Col. 12	-
26	Schedule 12 Revenue Requirement	(Line 24 + line 25)	2,988,346

Formula Rate - Non-Levelized

Rate Formula Template - Attachment H-26
Utilizing FERC Form 1 Data
Transource West Virginia, LLC

For the 12 months ended 12/31/2018

(1)	(2)	(3)	(4)	(5)
Line No.	Source	Company Total	Allocator	Transmission (Col 3 times Col 4)
	RATE BASE: (Note R)			
	GROSS PLANT IN SERVICE	Note C		
1	Production	205.46.g for end of year, records for other months	NA	-
2	Transmission	Attachment 4, Line 14, Col. (b)	TP	1.0000
3	Distribution	207.75.g for end of year, records for other months	NA	-
4	General & Intangible	Attachment 4, Line 14, Col. (c)	W/S	1.0000
5	TOTAL GROSS PLANT	(Sum of Lines 1 through 4)	GP=	1.0000
		25,994		25,994
	ACCUMULATED DEPRECIATION	Note C		
6	Production	219.20-24.c for end of year, records for other months	NA	-
7	Transmission	Attachment 4, Line 14, Col. (h)	TP	1.0000
8	Distribution	219.26.c for end of year, records for other months	NA	-
9	General & Intangible	Attachment 4, Line 14, Col. (i)	W/S	1.0000
10	TOTAL ACCUM. DEPRECIATION	(Sum of Lines 7 through 10)		
		817		817
	NET PLANT IN SERVICE			
12	Production	(line 1 - line 7)		-
13	Transmission	(line 2 - line 8)		-
14	Distribution	(line 3 - line 9)		-
15	General & Intangible	(line 4 - line 10)		25,177
16	TOTAL NET PLANT	(Sum of line 5 - line 11)	NP=	1.0000
		25,177		25,177
	ADJUSTMENTS TO RATE BASE			
18	Account No. 281 (enter negative)	Attachment 4, Line 28, Col. (d) (Note D)	NA	zero
19	Account No. 282 (enter negative)	Attachment 4, Line 28, Col. (e) (Note D)	NP	1.0000
20	Account No. 283 (enter negative)	Attachment 4, Line 28, Col. (f) (Note D)	NP	1.0000
21	Account No. 190	Attachment 4, Line 28, Col. (g) (Note D)	NP	1.0000
22	Account No. 255 (enter negative)	Attachment 4, Line 28, Col. (h) (Note D)	NP	1.0000
23	Unfunded Reserves (enter negative)	Attachment 4, Line 43, Col. (h)	DA	1.0000
24	CWIP	Attachment 4, Line 14, Col. (d)	DA	1.0000
25	Unamortized Regulatory Asset	Attachment 4, Line 28, Col. (b) (Note E)	DA	1.0000
26	Unamortized Abandoned Plant	Attachment 4, Line 28, Col. (c) (Note F)	DA	1.0000
27	TOTAL ADJUSTMENTS	(Sum of line 19 - line 27)		
		25,236,241		25,236,241
28	LAND HELD FOR FUTURE USE	Attachment 4, Line 14, Col. (e) (Note G)	TP	1.0000
		-		-
	WORKING CAPITAL	Note H		
30	Cash Working Capital	1/8*(Page 3, Line 17 minus Page 3, Line 14)		57,102
31	Materials & Supplies	Attachment 4, Line 14, Col. (f)	TP	1.0000
32	Prepayments (Account 165)	Attachment 4, Line 14, Col. (g)	GP	1.0000
33	TOTAL WORKING CAPITAL	(Sum of line 31 - line 33)		
		328,680		328,680
34	RATE BASE	(Sum of line 17, 28, 29, 34)		
		25,590,098		25,590,098

Formula Rate - Non-Levelized

Rate Formula Template - Attachment H-26
Utilizing FERC Form 1 Data
Transource West Virginia, LLC

For the 12 months ended

12/31/2018

Line No.	(1)	(2) Source	(3) Company Total	(4) Allocator	(5) Transmission (Col 3 times Col 4)
	O&M				
1	Transmission	321.112.b	273,134	TP 1.0000	273,134
2	Less Account 566 (Misc Trans Expense)	321.97.b	221,659	TP 1.0000	221,659
3	Less Account 565	321.96.b	-	TP 1.0000	-
4	A&G	323.197.b	276,661	W/S 1.0000	276,661
5	Less FERC Annual Fees	350.xx.h (Note I)	-	W/S 1.0000	-
6	Less EPRI Dues	Note J	52	W/S 1.0000	52
7	Less Reg. Commission Expense Account 928	Note J	20,266	W/S 1.0000	20,266
8	Less: Non-safety Advertising account 930.1	Note J	1	W/S 1.0000	1
9	Less Actual PBOP Expense in Year	Attachment 7, Line 10, Col. (c)	-	W/S 1.0000	-
10	Plus Transmission Related Reg. Comm. Exp.	Note K	20,149	TP 1.0000	20,149
11	Plus PBOP Expense Allowed Amount	Attachment 7, Line 6, Col. (c)	(24,424)	W/S 1.0000	(24,424)
12	Plus Transmission Lease Payments in Acct 565	Note V	-	DA 1.0000	-
13	Account 566				
14	Amortization of Regulatory Asset	Note E	68,389	DA 1.0000	68,389
15	Misc. Transmission Expense (less amort. of regulatory asset)		153,270	TP 1.0000	153,270
16	Total Account 566	(Sum of line 14 - line 15)" Ties to 321.97b	221,659		221,659
17	TOTAL O&M	(Sum of Lines 1, 4, 10, 11, 12, 16 less Lines 2, 3, 5-9)	525,201		525,201
	DEPRECIATION EXPENSE				
18	Transmission	Note C	-	TP 1.0000	-
19	General & Intangible	336.7.b&d	4,013	W/S 1.0000	4,013
20	Amortization of Abandoned Plant	Note F	-	DA 1.0000	-
21	TOTAL DEPRECIATION	(Sum of line 19 - line 21)	4,013		4,013
	TAXES OTHER THAN INCOME TAXES (Note M)				
22	LABOR RELATED				
23	Payroll	263._i	-	W/S 1.0000	-
24	Highway and vehicle	263._i	-	W/S 1.0000	-
25	PLANT RELATED				
26	Property	263.10.i	434	GP 1.0000	434
27	Gross Receipts	263._i	-	NA zero	-
28	Other	263._i	-	GP 1.0000	-
29	Payments in lieu of taxes	263._i	-	GP 1.0000	-
30	TOTAL OTHER TAXES	(Sum of line 25 - line 31)	434		434
	INCOME TAXES (Note N)				
31	T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p) } * (1-TEP)	Note N	26.14%		
32	CIT=(T/1-T) * (1-(WCLTD/R)) =	WCLTD = Page 4, Line 15, R = Page 4, Line 18	29.60%		
33	FIT & SIT & P				
34	1 / (1 - T) = (from line 34)	1 / (1 - T), T from Line 34	135.38%		
35	Amortized Investment Tax Credit	266.8f (enter negative)	-		
36	Excess Deferred Income Taxes	(enter negative)	(28,690)		
37	Tax Effect of Permanent Differences	Note O	-		
38	Income Tax Calculation	(Line 35 times Line 48)	570,422	NA	570,422
39	ITC adjustment	(Line 38 times Line 39)	-	NP 1.00000	-
40	Excess Deferred Income Tax Adjustment	(Line 38 times Line 40)	(38,841)	NP 1.00000	(38,841)
41	Permanent Differences Tax Adjustment	(Line 38 times Line 41)	-	NP 1.00000	-
42	Total Income Taxes	(Sum of line 42 - line 45)	531,581		531,581
43	RETURN				
44	Rate Base times Return	(Page 2, line 35 times Page 4, Line 18)	1,927,117	NA	1,927,117
45	GROSS REVENUE REQUIREMENT	(Sum of line 17,22, 32, 46, 48)	2,988,346		2,988,346

Formula Rate - Non-Levelized

Rate Formula Template - Attachment H-26
Utilizing FERC Form 1 Data
Transource West Virginia, LLC

For the 12 months ended 12/31/2018

(1) (2) (3) (4) (5)

SUPPORTING CALCULATIONS AND NOTES

Line No.	TRANSMISSION PLANT INCLUDED IN ISO RATES				
1	Total Transmission plant	(Page 2, Line 2, Column 3)			-
2	Less Transmission plant excluded from ISO rates	(Note P)			-
3	Less Transmission plant included in OATT Ancillary Service rates	(Note S)			-
4	Transmission plant included in ISO rates	(Line 1 minus Lines 2 & 3)			-
5	Percentage of Transmission plant included in ISO Rates	(Line 4 divided by Line 1) (If line 1 is zero, enter 1)		TP=	1.0000
6	WAGES & SALARY ALLOCATOR (W&S)				
		Form 1 Reference	\$	TP	Allocation
7	Production	354.20.b	-	-	-
8	Transmission	354.21.b	-	1.0000	-
9	Distribution	354.23.b	-	-	-
10	Other	354.24,25,26.b	-	-	-
11	Total (W& S Allocator is 1 if lines 7-10 are zero)	(Sum of line 7 - line 10)	-	-	-
				=	<u>1.00000</u> = WS
12	RETURN (R)				\$
13					
14			\$	%	Cost
15	Long Term Debt	Attachment 5, (Notes Q & R)	10,725,256	40.0%	3.08%
16	Preferred Stock (112.3.c)	Attachment 5, (Notes Q & R)	-	0.0%	0.00%
17	Common Stock	Attachment 5, (Notes Q, R, and T)	12,643,680	60.0%	10.50%
18	Total	(Sum of line 15 - line 17)	23,368,936		
					<u>7.53%</u> =R
19	REVENUE CREDITS				
20	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY)	Attachment 12, line 8 (Note U)			-
21	ACCOUNT 456.1 (OTHER ELECTRIC REVENUES)	Attachment 12, line 18 (Note A)			-

Formula Rate - Non-Levelized

Rate Formula Template - Attachment H-26
Utilizing FERC Form 1 Data
Transource West Virginia, LLC

For the 12 months ended 12/31/2018

General Note: References to pages in this formula rate template are indicated as: (page#, line#, col.#)
References to data from FERC Form 1 are indicated as: #.y.x (page, line, column)

Notes

- A The revenues credited on page 1 lines 2-6 shall include only the amounts received directly from the ISO for service under this tariff reflecting the Transmission Owner's integrated transmission facilities. They do not include revenues associated with FERC annual charges, gross receipts taxes, or facilities not included in this template (e.g., direct assignment facilities and GSUs) which are not recovered under this Rate Formula Template.
- B Company will not have any grandfathered agreements. Therefore, this line shall remain zero.
- C Plant In Service, Accumulated Depreciation, and Depreciation Expenses shall exclude Asset Retirement Obligation amounts.
- D Balances in Accounts 190, 281, 282 and 283 classified in the FERC Form 1 as Electric-related, as adjusted by any amounts in contra accounts identified as regulatory assets or liabilities related to FASB 106 or 109. Balance of Account 255 will be reduced by prior flow throughs and excluded if the utility chooses to utilize amortization of tax credits against taxable income. Account 281 is not allocated to Transmission.
- E Recovery of Regulatory Asset permitted only for pre-commercial and formation expenses as authorized by the Commission. Recovery of any other regulatory assets requires authorization from the Commission. A carrying charge equal to the AFUDC rate will be applied to the Regulatory Asset prior to the rate year when costs are first recovered.
- F Unamortized Abandoned Plant and Amortization of Abandoned Plant will be zero until the Commission accepts or approves recovery of the cost of Abandoned Plant. Utility must submit a Section 205 filing to recover the cost of abandoned plant.
- G Identified in FERC Form 1, or Company records if not so indicated on the FERC Form 1, as being transmission related.
- H Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission at page 3, line 15, column 5 minus amortization of Regulatory Asset at page 3, line 12, column 5. Prepayments are the electric related prepayments booked to Account No. 165 and reported on page 111, line 57 in the Form 1.
- I The FERC's annual charges for the year assessed the Transmission Owner for service under this tariff.
- J Page 3, Line 6 - Subtract all EPRI Annual Membership Dues listed in Form 1 at 353.f, all Regulatory Commission Expenses in account 928 itemized at 351.h, and non-safety related advertising included in Account 930.1.
- K Page 3, Line 8-Add back Regulatory Commission Expenses directly related to transmission service, ISO filings, or transmission siting itemized at 351.h.
- M Includes only FICA, unemployment, highway, property, gross receipts, and other assessments charged in the current year. Taxes related to income are excluded. Gross receipts taxes are not included in transmission revenue requirement in the Rate Formula Template, since they are recovered elsewhere. Enter the line number on page 263 upon which each item is identified.
- N The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and p = "the percentage of federal income tax deductible for state income taxes" and TEP = "the tax exempt ownership interest". If the utility is taxed in more than one state it must attach a work paper showing the name of each state and how the blended or composite SIT was developed. Furthermore, a utility that elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f) multiplied by (1/1-T) (page 3, line 26). Excess Deferred Income Taxes reduce income tax expense by the amount of the expense multiplied by (T/1-T).
- | | | | |
|------------------|-------|-------|---|
| Inputs Required: | FIT= | 21.0% | (Federal Income Tax Rate) |
| | SIT= | 6.5% | (State Income Tax Rate or Composite SIT) |
| | p = | 0.0% | (percent of federal income tax deductible for state purposes) |
| | TEP = | 0.0% | (percent of the tax exempt ownership) |
- O The Tax Effect of Permanent Differences captures the differences in the income taxes due under the Federal and State calculations and the income taxes calculated in Attachment H-26 that are not the result of a timing difference.
- P Removes transmission plant determined by Commission order to be state-jurisdictional according to the seven-factor test (until Form 1 balances are adjusted to reflect application of seven-factor test).
- Q The cost of debt will be determined based on the financing in place during each stage of project development. Before debt is obtained, a proxy interest rate which will be supported in the original Section 205 filing will be used. This rate is provided on Attachment 8 line 36. If construction debt (wherein principal is drawn down over time) is issued, the rate plus an amortization of fees projected to be incurred on the construction debt during the rate year will be the cost of debt. This construction debt rate (inclusive of fees) will be reset and trued-up every year using the method on Attachment 9 for multi-year construction projects. Once non-construction debt is obtained, the actual interest rate and fees on the debt in place at the end of the year such non-construction debt is obtained will become the cost of debt. In the first full year after non-construction debt is obtained, the cost of debt will be the actual cost of debt determined using the method on Attachment 5.
- A hypothetical capital structure of 60% Equity and 40% debt will be used until the first transmission asset is placed in service, or until otherwise authorized by the Commission.
- R Calculate rate base using 13 month average balance, except ADIT which is calculated based on the average of the beginning of the year and the end of the year balances.
- S Removes dollar amount of transmission plant to be included in the development of OATT ancillary services rates and generation step-up facilities, which are deemed to be included in OATT ancillary services. For these purposes, generation step-up facilities are those facilities at a generator substation on which there is no through-flow when the generator is shut down.
- T ROE will be supported in the original Section 205 filing and no change in ROE may be made absent a filing with FERC.
- U Includes only income related to transmission facilities, such as pole attachments, rentals and special use from general ledger.
- V Add back any lease expense of transmission assets used to provide service under this tariff included in account 565. Amount to be obtained from company books and records.

Attachment 1
Project Revenue Requirement Worksheet
Transource West Virginia, LLC

To be completed in conjunction with Attachment H-26.

Line No.	(1)	(2) Attachment H-26 Page, Line, Col.	(3) Transmission	(4) Allocator
1	Gross Transmission Plant plus CWIP	Attach H-26, p 2, line 2 col 5 plus line 25 col 5 (Note A)	25,033,742	
2	Net Transmission Plant plus CWIP and Abandoned Plant	Attach H-26, p 2, line 14 col 5 plus line 25 & 27 col 5 (Note B)	25,033,742	
O&M EXPENSE				
3	Total O&M Allocated to Transmission	Attach H-26, p 3, line 17 col 5	525,201	
4	Annual Allocation Factor for O&M	(line 3 divided by line 1 col 3)	2.10%	2.10%
GENERAL AND INTANGIBLE (G & I) DEPRECIATION EXPENSE				
5	Total G & I Depreciation Expense	Attach H-26, p 3, line 20, col 5 (Note C)	4,013	
6	Annual Allocation Factor for G, I & C Depreciation Expense	(line 5 divided by line 1 col 3)	0.02%	0.02%
TAXES OTHER THAN INCOME TAXES				
7	Total Other Taxes	Attach H-26, p 3, line 32 col 5	434	
8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1 col 3)	0.00%	0.00%
9	Less Revenue Credits	Attach H-26, p 1, line 6 col 5	-	
10	Annual Allocation Factor for Revenue Credits	(line 9 divided by line 1 col 3)	0.00%	0.00%
11	Annual Allocation Factor for Expense	Sum of line 4, 6, 8, and 10		2.12%
INCOME TAXES				
12	Total Income Taxes	Attach H-26, p 3, line 46 col 5	531,581	
13	Annual Allocation Factor for Income Taxes	(line 12 divided by line 2 col 3)	2.12%	2.12%
RETURN				
14	Return on Rate Base	Attach H-26, p 3, line 48 col 5	1,927,117	
15	Annual Allocation Factor for Return on Rate Base	(line 14 divided by line 2 col 3)	7.70%	7.70%
16	Annual Allocation Factor for Return	Sum of line 13 and 15	9.82%	9.82%

Attachment 1
Project Revenue Requirement Worksheet
Transource West Virginia, LLC

This worksheet is used to compute project specific revenue requirements for any projects for which such calculation is required by PJM. This will generally include projects with specific incentives or competitive concessions, or projects with cost allocation outside of the AEP Zone. Projects will be listed as either Schedule 12, Zonal, or other category defined by PJM. Other projects which comprise the remaining revenue requirement on Attachment H-26 will not be entered on this schedule.

Any hypothetical amounts or project names in a filed template will be removed and replaced with actual amounts in the first year actual values are available without the need for a section 205 filing to modify the template.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
Line No.	Project Name	PJM Category	RTEP Project Number Or Other Identifier	Project Gross Plant	Annual Allocation Factor for Expense	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return	Annual Return Charge
				(Note D)	(Page 1 line 11)	(Col. 3 * Col. 4)	(Note E)	(Page 1 line 16)	(Col. 6 * Col. 7)
1a	Thorofare	Schedule 12	b2609.4	25,033,742	0.021	529,648	\$ 25,033,742	0.098	2,458,698
1b				-	0.021	-	\$ -	0.098	-
2	Total Schedule 12			25,033,742		529,648	\$ 25,033,742		2,458,698
3a	Zonal			-	0.021	-	\$ -	0.098	-
3b				-	0.021	-	\$ -	0.098	-
4	Total Zonal			-		-	\$ -		-
5									
6	Annual Totals			25,033,742		529,648	25,033,742		2,458,698

Notes

- A Gross Transmission Plant is that identified on page 2 line 2 of Attachment H-26 inclusive of any CWIP or unamortized abandoned plant included in rate base when authorized by FERC order.
- B Net Plant is that identified on page 2 line 14 of Attachment H-26 inclusive of any CWIP or unamortized Abandoned Plant included in rate base when authorized by FERC order less any prefunded AFUDC, if applicable.
- C General and Intangible Depreciation and Amortization Expense includes all expense not directly associated with a project, which is entered on page 3 , column 9.
- D Project Gross Plant is the total capital investment including CWIP for the project calculated from Company books and records in the same method as the gross plant value in line 1. This value includes subsequent capital investments required to maintain the facilities to their original capabilities.
- E Project Net Plant is the Project Gross Plant Identified in Column 3 less the associated Accumulated Depreciation plus CWIP in rate base if applicable and Unamortized Abandoned Plant.
- F Project Depreciation Expense is the actual value booked for the project (excluding General and Intangible depreciation) at Attachment H-26, page 3, line 19, plus amortization of Abandoned Plant at Attachment H-26, page 3, line 21.
- G Requires approval by FERC of incentive return applicable to the specified project(s).
- H The Competitive Concession is the reduction in revenue, if any, that the company agreed to, for instance, to be selected to build facilities as the result of a competitive process and equals the amount by which the annual revenue requirement is reduced from the ceiling rate.
- I True-Up Adjustment is calculated on the Project True-up Schedule for the relevant true-up year.

Attachment 1
 Project Revenue Requirement Worksheet
 Transource West Virginia, LLC

	(9)	(10)	(11)	(12)	(12a)	(13)	(14)	(15)	(16)
Line No.	Project Depreciation/Amortization Expense (Note F)	Annual Revenue Requirement (Sum Col. 5, 8 & 9)	Incentive Return in Basis Points (Note G)	Incentive Return (Attachment 2, Line 28 Incentive Return * Col. 6)	Ceiling Rate (Sum Col. 10 & 12)	Competitive Concession (Note H)	Total Annual Revenue Requirement (Sum Col. 10 & 12 Less Col. 13)	True-Up Adjustment (Note I)	Net Revenue Requirement (Sum Col. 14 & 15)
1a	-	2,988,346	-	-	2,988,346	-	2,988,346	-	2,988,346
1b	-	-	-	-	-	-	-	-	-
2	-	2,988,346		-	2,988,346	-	2,988,346	-	2,988,346
3a	-	-	-	-	-	-	-	-	-
3b	-	-	-	-	-	-	-	-	-
4	-	-		-	-	-	-	-	-
5									-
6	-	2,988,346		-	2,988,346	-	2,988,346	-	2,988,346

Notes

- A Gross Transmission Plant is that identified on page 2 line 2 of Attachment H-26 inclusive of any CWIP or unamortized abandoned plant included in rate base when authorized by FERC order.
- B Net Plant is that identified on page 2 line 14 of Attachment H-26 inclusive of any CWIP or unamortized Abandoned Plant included in rate base when authorized by FERC order less any prefunded AFUDC, if applicable.
- C General and Intangible Depreciation and Amortization Expense includes all expense not directly associated with a project, which is entered on page 3 , column 9.
- D Project Gross Plant is the total capital investment including CWIP for the project calculated from Company books and records in the same method as the gross plant value in line 1. This value includes subsequent capital investments required to maintain the facilities to their original capabilities.
- E Project Net Plant is the Project Gross Plant Identified in Column 3 less the associated Accumulated Depreciation plus CWIP in rate base if applicable and Unamortized Abandoned Plant.
- F Project Depreciation Expense is the actual value booked for the project (excluding General and Intangible depreciation) at Attachment H-26, page 3, line 19, plus amortization of Abandoned Plant at Attachment H-26, page 3, line 21.
- G Requires approval by FERC of incentive return applicable to the specified project(s).
- H The Competitive Concession is the reduction in revenue, if any, that the company agreed to, for instance, to be selected to build facilities as the result of a competitive process and equals the amount by which the annual revenue requirement is reduced from the ceiling rate.
- I True-Up Adjustment is calculated on the Project True-up Schedule for the relevant true-up year.

Attachment 2
Incentive ROE
Transource West Virginia, LLC

1	Rate Base	Attachment H-26, page 2, line 35, Col.5			25,590,098
2	100 Basis Point Incentive Return				
			<u>\$</u>		
			Cost	<u>Weighted</u>	
			\$	%	
3	Long Term Debt	(Notes Q & R from Attachment H-26)	10,725,256	40.0%	3.08%
4	Preferred Stock	(Notes Q & R from Attachment H-26)	-	0.0%	0.00%
5	Common Stock	(Notes Q, R, & T from Attachment H-26)	12,643,680	60.0%	11.50%
6	Total (sum lines 3-5)		<u>23,368,936</u>		<u>8.13%</u>
7	100 Basis Point Incentive Return multiplied by Rate Base (line 1 * line 6)				2,080,657
8	INCOME TAXES				
9	$T=1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\} =$		0.2614		
10	$CIT=(T/1-T) * (1-(WCLTD/R)) =$		0.3003		
11	WCLTD = Line 3				
12	and FIT, SIT & p are as given in Attachment H-26 footnote N.				
13	$1 / (1 - T) =$ (from line 9)		1.3538		
14	Amortized Investment Tax Credit (266.8f) (enter negative)	Attachment H-26, Page 3, Line 39	-		
15	Excess Deferred Income Taxes (enter negative)	Attachment H-26, Page 3, Line 40	(28,689.71)		
16	Tax Effect of Permanent Differences (Note B)	Attachment H-26, Page 3, Line 41	-		
17	Income Tax Calculation = line 7 * line 10				624,748
18	ITC adjustment (line 13 * line 14)		-	NP	1.00
19	Excess Deferred Income Tax Adjustment (line 13 * line 15)		(38,840.74)	NP	1.00
20	Permanent Differences Tax Adjustment (line 13 * 16)		-	NP	1.00
21	Total Income Taxes (sum lines 17 - 20)		<u>-</u>		<u>585,907</u>
22	Return and Income Taxes with 100 basis point increase in ROE				2,666,564
23	Return (Attach. H-26, page 3 line 48 col 5)				1,927,117
24	Income Tax (Attach. H-26, page 3 line 46 col 5)				531,581
25	Return and Income Taxes without 100 basis point increase in ROE				<u>2,458,698</u>
26	Incremental Return and Income Taxes for 100 basis point increase in ROE				207,866.50
27	Rate Base (line 1)				25,590,098
28	Incremental Return and Income Taxes for 100 basis point increase in ROE divided by Rate Base				0.81%

Notes:

- A Line 5 includes a 100 basis point increase in ROE that is used only to determine the increase in return and income taxes associated with a 100 basis point increase in ROE. Any ROE actual incentive must be approved by the Commission. For example, if the Commission were to grant a 150 basis point ROE incentive, the increase in return and taxes for a 100 basis point increase in ROE would be multiplied by 1.5 on Attachment 1 column 12.
- B The Tax Effect of Permanent Differences captures the differences in the income taxes due under the Federal and State calculations and the income taxes calculated in Attachment H-26 that are not the result of a timing difference.

Attachment 3
Formula Rate True-Up
Transource West Virginia, LLC

This Attachment 3 is used to calculate the annual formula rate true-up. Any projects for which the RTO requires a true-up on an individual project basis, as shown on Attachment 1, will be computed separately. The remainder of the revenue requirement will also be trued up. The utility will individually enter the projected true-up year revenue requirements in Column C. A percentage of total will be calculated in Column D. Actual revenue received during the true-up year is entered into Column E, line 2 and allocated using the Column D percentage. The utility will prepare this formula rate template with the actual inputs for the true-up year, with the resulting revenue requirement for each line being separately entered in Column F. In Col. G, Col. F is subtracted from Col. E to calculate the true-up adjustment. Interest on the true-up is computed in Column H. Any adjustments to prior period true-ups are entered in Col. I. Col. J computes the total true-up as the sum of Cols. G, H and I.

Any hypothetical amounts or project names in a filed template will be removed and replaced with actual amounts in the first year actual values are available without the need for a section 205 filing to modify the template.

Line:	Projected True-Up Year Revenue Requirement Calculation			True-Up Year Revenue Received ¹	Actual True-Up Year Revenue Req.	Annual True-Up Calculation						
1	True-Up Year											
2	2017			2,692,399								
	A		B	C	D	E	F	G	H	I	J	
	Project Name	PJM Category	Project # Or Other Identifier	Net Revenue Requirement ²	% of Total Revenue Requirement	Allocation of Revenue Received (E, Line 2) x (D)	True-Up Net Revenue Requirement ³	Net Under/(Over) Collection (F)-(E)	True-Up Interest Income (Expense) ⁴	Prior Period Adjustment with Interest ⁵	Total True-Up (G) + (H) + (I)	
3	Remaining Attachment H-26			-	0.0%	-	-	-	-	-	-	
4a	Thorofare	Schedule 12	b2609.4	2,692,399	100.0%	2,692,399	2,988,346	295,947	30,584	-	326,531	
4b				-	0.0%	-	-	-	-	-	-	
5	Total Schedule 12			2,692,399		2,692,399	2,988,346	295,947	30,584	-	326,531	
6a		Zonal		-	0.0%	-	-	-	-	-	-	
6b				-	0.0%	-	-	-	-	-	-	
7	Total Zonal			-		-	-	-	-	-	-	
8	Other											
9	Total Annual Revenue Requirements			2,692,399	100.0%	2,692,399	2,988,346	295,947	30,584	-	326,531	
10									Total Interest on True-Up - Attachment 6	30,584		

Prior Period Adjustment

	A	B
	Prior Period Adjustment (Note 5)	Adjustment Amount
	Source	
11	Description of Adjustment	Attachment 11
		-

Notes:

- 1) The revenue received is the total amount of revenue distributed to company in the year as shown on pages 328-330 of the Form No 1. The Revenue Received is input on line 2, Col. E.
- 2) From the Attachment 1, line 1 or 3, col. 16 from the template in which the true-up year revenue requirement was initially projected.
- 3) From True-Up revenue requirement template Attachment 1, line 1 or 3, col. 14.
- 4) Interest due on the true up is calculated for the 24 month period from the start of the true-up year until the end of the year following the true-up year when the true up will be included in rates. Total True up Interest calculate on Attachment 6 and allocated to projects based on the percentage in Column D.
- 5) Corrections to true-ups for previous rate years including interest will be computed on Attachment 11 and entered on the appropriate line 3-8 above.

Line No	Month (a)	Gross Plant In Service		CWIP	LHFFU	Working Capital		Accumulated Depreciation	
		Transmission (b)	General & Intangible (c)	CWIP in Rate Base (d)	Held for Future Use (e)	Materials & Supplies (f)	Prepayments (g)	Transmission (h)	General & Intangible (i)
	(Note A)	207.58.g for end of year, records for other months	205.5.g & 207.99.g for end of year, records for other months	Note B - page 2, column C	214.x.c for end of year, records for other months	227.8.c & 227.16.c for end of year, records for other months	111.57.c for end of year, records for other months	219.25.c for end of year, records for other months	219.28.c & 200.21.c for end of year, records for other months
1	December Prior Year	-	-	7,104,129	-	-	12,000	-	-
2	January	-	-	7,686,624	-	-	-	-	-
3	February	-	-	10,521,686	-	-	-	-	-
4	March	-	-	11,691,956	-	-	54,432	-	-
5	April	-	-	13,732,294	-	-	27,665	-	-
6	May	-	-	16,812,296	-	-	24,899	-	-
7	June	-	10,141	21,789,768	-	-	678,162	-	-
8	July	-	26,305	28,351,533	-	-	604,847	-	169
9	August	-	33,817	32,860,529	-	-	543,533	-	607
10	September	-	40,828	34,698,572	-	-	494,218	-	1,171
11	October	-	57,487	40,024,388	-	-	420,903	-	1,852
12	November	-	72,190	46,680,391	-	-	359,589	-	2,810
13	December	-	97,150	53,484,478	-	-	310,274	-	4,013
14	Average of the 13 Monthly Balances	-	25,994	25,033,742	-	-	271,579	-	817

Adjustments to Rate Base

Line No	Month (a)	Unamortized Regulatory Asset (b)	Unamortized Abandoned Plant (c)	Account No. 281 Accumulated Deferred Income Taxes (Note E) (d)	Account No. 282 Accumulated Deferred Income Taxes (Note E) (e)	Account No. 283 Accumulated Deferred Income Taxes (Note E) (f)	Account No. 190 Accumulated Deferred Income Taxes (Note E) (g)	Account No. 255 Accumulated Deferred Investment Credit (h)
		Note C	Note D	272.8.b & 273.8.k	274.2.b & 275.2.k	276.9.b & 277.9.k	234.8.b & c	Consistent with 266.8.b & 267.8.h
15	December Prior Year	205,166	-	-	1,902	79,183	36,578	-
16	January	199,467	-	-	-	-	-	-
17	February	193,768	-	-	-	-	-	-
18	March	188,069	-	-	-	-	-	-
19	April	182,369	-	-	-	-	-	-
20	May	176,670	-	-	-	-	-	-
21	June	170,971	-	-	-	-	-	-
22	July	165,272	-	-	-	-	-	-
23	August	159,573	-	-	-	-	-	-
24	September	153,874	-	-	-	-	-	-
25	October	148,175	-	-	-	-	-	-
26	November	142,476	-	-	-	-	-	-
27	December	136,777	-	-	(1,129)	(1,551)	104,882	-
28	Average of the 13 Monthly Balances	170,971	-	-	386	38,816	70,730	-

Reconciliation of CWIP in Rate Base to FERC Form 1 - Note B

		Total CWIP (a)	Less: CWIP and AFUDC Excluded from Rate Base (b)	CWIP Allowed in Rate Base (c) = (a) - (b)
		216.b for end of year, records for other months	Company records	
29	December Prior Year	7,104,129	-	7,104,129
30	January	7,653,924	(32,700)	7,686,624
31	February	10,488,986	(32,700)	10,521,686
32	March	11,659,256	(32,700)	11,691,956
33	April	13,699,594	(32,700)	13,732,294
34	May	16,779,596	(32,700)	16,812,296
35	June	21,757,068	(32,700)	21,789,768
36	July	28,318,833	(32,700)	28,351,533
37	August	32,827,829	(32,700)	32,860,529
38	September	34,665,872	(32,700)	34,698,572
39	October	39,991,688	(32,700)	40,024,388
40	November	46,647,691	(32,700)	46,680,391
41	December	53,495,138	10,660	53,484,478
		25,006,893	(26,849)	25,033,742

Unfunded Reserves (Notes A and F and G)

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
List of all reserves:		Amount	Enter 1 if NOT in a trust or reserved account, enter zero (0) if included in a trust or reserved account	Enter 1 if the accrual account is included in the formula rate, enter (0) if the accrual account is NOT included in the formula rate	Enter the percentage paid for by customers less the percent associated with an offsetting liability on the balance sheet (Note H)	Allocation (Plant or Labor Allocator)	Amount Allocated, col. c x col. d x col. e x col. f x col. g	
42a	Reserve 1	-	-	-	-	-	-	
42b	Reserve 2	-	-	-	-	-	-	
43	Total	-	-	-	-	-	-	

Notes:

- A Calculate using 13 month average balance, except ADIT which is calculated based on the average of the beginning of the year and the end of the year balances
- B Recovery of CWIP in rate base must be approved by FERC. Lines 29-41 of page 2 provide a reconciliation of the Company's total CWIP to the CWIP allowed in rate base. The annual report filed pursuant to the Protocols will include for each project under construction (i) the CWIP balance eligible for inclusion in rate base; (ii) the CWIP balance ineligible for inclusion in rate base; and (iii) a demonstration that AFUDC is only applied to the CWIP balance that is not included in rate base. The annual report will also describe the reconciliation prepared on this Attachment.
- C Recovery of a Regulatory Asset is permitted only for pre-commercial and formation expenses, and is subject to FERC approval before the amortization of the Regulatory Asset can be included in rates. Recovery of any other regulatory assets requires authorization from the Commission.
- D Recovery of abandoned plant is limited to any abandoned plant recovery authorized by FERC.
- E ADIT is computed using the average of the beginning of the year and the end of the year balances. Electric ADIT only, Excludes ARO-related ADIT.
- F The Formula Rate shall include a credit to rate base for all unfunded reserves (funds collected from customers that (1) have not been set aside in a trust, escrow or restricted account; (2) whose balance are collected from customers through cost accruals to accounts that are recovered under the Formula Rate; and (3) exclude the portion of any balance offset by a balance sheet account (see Note H)). Each unfunded reserve will be included on lines 42 above. The allocator in Col. (g) will be the same allocator used in the formula for the cost accruals to the account that is recovered under the Formula Rate. Since reserves can be created by creating an offsetting balance sheet account, rather than through cost accruals, the amount to be deducted from rate base should exclude the portion offset by another balance sheet account.
- G Not all unfunded reserves are created only from contributions from customers. Many are created by creating an offsetting liability in whole or in part. Column (f) ensures only the portion of the unfunded reserve contributed by the customer (and not created by an offsetting liability) is a reduction to rate base.
- H The inputs in Column (f) are the percentage of the unfunded reserve that was created by an offsetting liability. The percentage shown in Column (f) is then equal to the percentage that customers have contributed to the unfunded reserve.

Attachment 5
Return on Rate Base Worksheet
Transource West Virginia, LLC

RETURN ON RATE BASE (R)

		\$			
1	Long Term Interest (117, sum of 62.c through 67.c)	333,247			
2	Preferred Dividends (118.29c) (positive number)	-			
3	Proprietary Capital (Line 25 (c))	12,643,680			
4	Less Preferred Stock (line 8)	-			
5	Less Account 216.1 Undistributed Subsidiary Earnings (Line 24(d))	-			
6	Less Account 219 Accum. Other Comprehensive Income (Line 24(e))	-			
7	Common Stock (Sum of Lines 3 through 6)	12,643,680			
		\$	%	Cost	Weighted
8	Long Term Debt Line 24 (a), Note A and Attachment H-26 Note Q	10,725,256	40.00%	3.08%	1.23% =WCLTD
9	Preferred Stock Line 24 (b), Note B and Attachment H-26 Note Q	-	0.00%	0.00%	0.00%
10	Common Stock Line 8, Note C and Attachment H-26 Notes Q and T	12,643,680	60.00%	10.50%	6.30%
11	Total (Sum of Lines 8 through 10)	23,368,936			7.53% =R

		(a)	(b)	(c)	(d)	(e)
Monthly Balances for Capital Structure		Long Term Debt (112.24.c)	Preferred Stock (112.3.c)	Proprietary Capital (112.16.c)	Undistributed Sub Earnings 216.1 (112.12.c)	Accum Other Comp. Income 219 (112.15.c)
12	December (prior year)	4,956,025	-	2,991,857	-	-
13	January	6,956,025	-	3,108,647	-	-
14	February	7,456,025	-	4,215,043	-	-
15	March	7,456,025	-	4,333,528	-	-
16	April	9,256,025	-	6,453,426	-	-
17	May	9,256,025	-	9,500,245	-	-
18	June	11,756,025	-	9,583,541	-	-
19	July	11,756,025	-	13,763,603	-	-
20	August	11,756,025	-	18,270,843	-	-
21	September	11,756,025	-	20,118,692	-	-
22	October	14,456,025	-	20,215,158	-	-
23	November	15,656,025	-	23,330,738	-	-
24	December	16,956,025	-	28,482,521	-	-
25	13 Month Average	10,725,256	-	12,643,680	-	-

Notes

- A Long Term debt balance will reflect the 13 month average of the balances, of which the 1st and 13th are found on page 112 lines 18.c to 21.c in the Form No. 1, the cost is calculated by dividing line 1 by the Long Term Debt balance on line 8.
- B Preferred Stock balance will reflect the 13 month average of the balances, of which the 1st and 13th are found on page 112 line 3.c in the Form No. 1
- C Common Stock balance will reflect the 13 month average of the balances, of which the 1st and 13th are found on Form 1 page 112 line 16.c less lines 3.c , 12.c, and 15.c

Attachment 6
Interest on True-Up
Transource West Virginia, LLC

<div style="background-color: yellow; padding: 2px;">2018</div> <div style="border: 1px solid black; padding: 2px;">Projected Revenue Requirement (Note A)</div> <div style="background-color: yellow; padding: 2px;">\$2,692,399</div>	Less	<div style="background-color: yellow; padding: 2px;">2018</div> <div style="border: 1px solid black; padding: 2px;">Actual Net Revenue Requirement (Note B)</div> <div style="background-color: yellow; padding: 2px;">\$2,988,346</div>	Equals	<div style="border: 1px solid black; padding: 2px;">Over (Under) Recovery</div> <div style="background-color: yellow; padding: 2px;">(\$295,947)</div>
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Note A - Projected ATRR for the true-up year from Page 1, Line 1 of Projection Attachment H-26 minus Line 6 of Projection Attachment H-26.
Note B - Actual Net ATRR for the true-up year from Page 1, Line 9 of True-Up Attachment H-26.

Interest Rate on Amount of Refunds or Surcharges	Over (Under) Recovery Plus Interest	Monthly Interest Rate on Attachment 6a	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
		0.400%				
An over or under collection will be recovered prorata over year collected, held for one year and returned prorata over next year						
Calculation of Interest				Monthly		
January	Year 2018	(24,662.25)	0.400%	12	1,183.06	25,845.32
February	Year 2018	(24,662.25)	0.400%	11	1,084.47	25,746.73
March	Year 2018	(24,662.25)	0.400%	10	985.89	25,648.14
April	Year 2018	(24,662.25)	0.400%	9	887.30	25,549.55
May	Year 2018	(24,662.25)	0.400%	8	788.71	25,450.96
June	Year 2018	(24,662.25)	0.400%	7	690.12	25,352.37
July	Year 2018	(24,662.25)	0.400%	6	591.53	25,253.79
August	Year 2018	(24,662.25)	0.400%	5	492.94	25,155.20
September	Year 2018	(24,662.25)	0.400%	4	394.35	25,056.61
October	Year 2018	(24,662.25)	0.400%	3	295.77	24,958.02
November	Year 2018	(24,662.25)	0.400%	2	197.18	24,859.43
December	Year 2018	(24,662.25)	0.400%	1	98.59	24,760.84
					7,689.91	303,636.95
January through December	Year 2019	303,636.95	0.400%	12	14,566	318,203
Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months				Monthly		
January	Year 2020	(318,202.60)	0.400%		1,272.03	(27,210.94)
February	Year 2020	(292,263.69)	0.400%		1,168.34	(27,210.94)
March	Year 2020	(266,221.09)	0.400%		1,064.23	(27,210.94)
April	Year 2020	(240,074.38)	0.400%		959.71	(27,210.94)
May	Year 2020	(213,823.15)	0.400%		854.77	(27,210.94)
June	Year 2020	(187,466.98)	0.400%		749.41	(27,210.94)
July	Year 2020	(161,005.45)	0.400%		643.63	(27,210.94)
August	Year 2020	(134,438.14)	0.400%		537.42	(27,210.94)
September	Year 2020	(107,764.62)	0.400%		430.79	(27,210.94)
October	Year 2020	(80,984.48)	0.400%		323.74	(27,210.94)
November	Year 2020	(54,097.28)	0.400%		216.26	(27,210.94)
December	Year 2020	(27,102.60)	0.400%		108.34	(27,210.94)
					8,328.67	(0.00)
Total Amount of True-Up Adjustment					\$	326,531
Less Over (Under) Recovery					\$	(295,947)
Total Interest					\$	30,584

Attachment 6a
True-Up Interest Rate Calculation
Transource West Virginia, LLC

This Attachment is used to compute the interest rate to be applied to each year's revenue requirement true-up.

Applicable FERC Interest Rate (Note A):		
1	Rate Year January	4.25%
2	Rate Year February	4.25%
3	Rate Year March	4.25%
4	Rate Year April	4.47%
5	Rate Year May	4.47%
6	Rate Year June	4.47%
7	Rate Year July	4.69%
8	Rate Year August	4.69%
9	Rate Year September	4.69%
10	Rate Year October	4.96%
11	Rate Year November	4.96%
12	Rate Year December	4.96%
13	Rate Year Plus 1 January	5.18%
14	Rate Year Plus 1 February	5.18%
15	Rate Year Plus 1 March	5.18%
16	Rate Year Plus 1 April	5.45%
17	Rate Year Plus 1 May	5.45%
18	Average rate	4.80%
19	Monthly Average rate	0.40%

Note A - Lines 1-17 are the FERC interest rates under section 35.19a of the regulations for the period shown. Line 18 is the average of lines 1-17.

Attachment 7
Post-Employment Benefits Other than Pensions (PBOP)
Transource West Virginia, LLC

Calculation of PBOP Expenses

Line No.			AEP (a)	KCP&L (b)	Total (c) = (a+b)
			Year Ended December 31, 2014	Year Ended December 31, 2014	
1					
2	Total PBOP expenses, corporate parent companies	Note A	-\$76,811,513	\$9,446,530	
3	Amount relating to retired personnel	Note A	-\$44,124,792	\$3,889,136	
4	Amount allocated on Labor	Line 2 less line 3	-\$32,686,721	\$5,557,394	
5	Labor dollars	Note B	\$1,300,120,729	\$182,771,659	
6	Cost per labor dollar	Line 4 divided by line 5	-\$0.025	\$0.030	
7	Labor (labor not capitalized) current year	Note C	\$971,562	\$82	
8	PBOP Expense Allowed for current year	Line 6 times line 7	(24,426)	2	(24,424)
9					
10	Actual PBOP in Company's O&M and A&G expense accounts in Form No. 1				-

Notes

- A Amounts on lines 2-3 reflect data from the 2014 actuarial reports for AEP and KCP&L. These values cannot change absent approval or acceptance by FERC in a separate proceeding.
- B Amounts on line 5 is the actual AEP straight-time labor, loaded for non-productive load, and KCP&L labor booked to O&M and A&G and included in the Form No. 1 on page 354.28.b less labor dollars associated with the Wolf Creek Nuclear Facility.
- C The labor in line 7 is the total labor charged by an AEP affiliate or KCP&L affiliate to Transource West Virginia in the year.

Attachment 8
Cost of Debt Prior to Issuing Non-Construction Financing
Transource West Virginia, LLC

This Attachment 8 is to be utilized to determine the cost of debt prior to issuing non-construction financing. Once non-construction financing is issued the cost of debt shall be determined using the methodology described in Note Q on Attachment H-26.

If construction debt has not or will not be issued when construction starts, a proxy rate will be used for the cost of debt, which will be supported in the initial section 205 filing. The proxy rate will be entered on line 36 of this attachment.

If construction financing has been obtained, the cost of debt prior the issuance of non-construction financing shall be based on the terms of the construction financing and determined below. Up-front fees including origination fees will be amortized and included in the cost of debt.

If construction financing is obtained, all rates, fees and monthly debt balances will be subject to true up pursuant to Attachment 9.

Any hypothetical amounts in a filed template will be removed and replaced with actual amounts in the first year actual construction loans are borrowed or projected to be borrowed without the need for a section 205 filing to modify the template.

Line No						
1	Interest rate on Construction Debt for Rate Year - Line 19 (g)					#DIV/0!
2	Rate Year Debt Fee expense - Line 35 (e)					#DIV/0!
3	Total Cost of Debt					#DIV/0!
Interest Rate Information						
4	Commitment Fee Rate (%)					
5	Projected Average Drawn Rate for Rate Year (%) - Note A					0.00%

	Month During Rate Year	Total Loan Amount	Principal Drawn (\$000)	Unutilized Loan Balance (\$000)	Commitment Fee & Utilization Fee (\$000)	Interest Expense (\$000)	Effective Annual Interest Rate (%)
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
6	December Prior Year			-	-	-	
7	January			-	-	-	
8	February			-	-	-	
9	March			-	-	-	
10	April			-	-	-	
11	May			-	-	-	
12	June			-	-	-	
13	July			-	-	-	
14	August			-	-	-	
15	September			-	-	-	
16	October			-	-	-	
17	November			-	-	-	
18	December			-	-	-	
19	Average of the 13 Monthly Balances		-		-	-	#DIV/0!

Example Fee Calculation - All amounts represent actual rate year expenses.

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
	Rates/Fees	Gross Fee Amount	Year Fee Incurred	Fee Amortization period (years)	Rate Year Amortized Fee Amount, col. b / col. d	Prior Years Accumulated Fee Amortization	Unamortized Balance - End of Rate Year
20	Origination Fees						
20	Underwriting Discount				#DIV/0!	-	#DIV/0!
21	Arrangement Fee				#DIV/0!	-	#DIV/0!
22	Upfront Fee				#DIV/0!	-	#DIV/0!
23	Rating Agency Fee				#DIV/0!	-	#DIV/0!
24	Legal Fees				#DIV/0!	-	#DIV/0!
25	Other				#DIV/0!	-	#DIV/0!
26	Total Issuance Expense / Origination Fees		-		#DIV/0!	-	#DIV/0!
27							
28	Annual Fees						
29	Annual Rating Agency Fee			N/A	-	N/A	N/A
30	Annual Bank Agency Fee			N/A	-	N/A	N/A
31	Utilization Fee			N/A	-	N/A	N/A
32	Other Fees			N/A	-	N/A	N/A
33	Total Fees		-		#DIV/0!	-	#DIV/0!
34	13 Month Average Debt balance - Line 19 (c)						
35	Rate Year cost of fees				#DIV/0!		
36	Proxy Debt rate. Used prior to issuance of construction financing and supported in initial section 205 filing.			3.72%			

Notes

A Projected rate will be Average LIBOR for rate year + spread. Spread will be supported in initial section 205 filing. LIBOR will be updated based on information in the Wall Street Journal as of the 15th day of the month prior to population of this template.

LIBOR	0.00%
Spread	0.00%
Total	0.00%

Attachment 9
True-up - Construction Financing Cost of Debt
Transource West Virginia, LLC

This Attachment 9 is to be utilized only in the event construction financing has been obtained to compute the actual cost of debt to be included in the return on rate base calculation for the true-up each year prior to the issuance of non-construction financing. Once non-construction financing has been obtained the cost of debt shall be determined using the methodology described in Note Q on Attachment H-26.

One time up-front debt fees, including origination fees will be amortized and included in the cost of debt.

Any hypothetical amounts in a filed template will be removed and replaced with actual amounts in the first year actual construction loans are borrowed or projected to be borrowed without the need for a section 205 filing to modify the template.

Line
No.

		\$
1	Long Term Interest and Fees (117, sum of 62.c through 67.c)	333,247
2	Line of Credit Fees (68.c)	(3,254)
3	Total Interest and Fees	329,993

13 Month Average Long-Term Debt - Note A

	Month During Rate Year (a)	Long Term Debt (d)
4	December Prior Year	4,956,025
5	January	6,956,025
6	February	7,456,025
7	March	7,456,025
8	April	9,256,025
9	May	9,256,025
10	June	11,756,025
11	July	11,756,025
12	August	11,756,025
13	September	11,756,025
14	October	14,456,025
15	November	15,656,025
16	December	16,956,025
17	Average of the 13 Monthly Balances	10,725,256
18	True-Up Cost of Debt (Line 3 / Line 17)	3.08%

Notes

A Long Term debt balance will reflect the 13 month average of the balances, of which the 1st and 13th are found on page 112 lines 18.c to 21.c in the Form No. 1, the cost is calculated by dividing line 1 by the Long Term Debt balance on line 8.

Attachment 10
Depreciation Rates
Transource West Virginia, LLC

**INITIAL PROPOSED TRANSMISSION AND GENERAL PLANT DEPRECIATION RATES
CALCULATED FROM APPALACHIAN POWER COMPANY (WEST VIRGINIA) MORTALITY CHARACTERISTICS
FROM CASE NO. 14-1151-E-D (NOTE A)**

		Average Service Life (Years)	Iowa Curve	Salvage Factor	Cost of Removal Factor	Net Salvage Factor	Calculated Initial Annual Depreciation Rates (Note B)
<u>TRANSMISSION PLANT</u>							
351.0	Energy Storage Equipment	15	SQ	5%	5%	0%	6.67%
352.0	Structures & Improvements	62	R4.0	5%	15%	-10%	1.77%
353.0	Station Equipment	45	R1.5	28%	13%	15%	1.89%
354.0	Towers & Fixtures	68	R3.0	25%	35%	-10%	1.62%
355.0	Poles & Fixtures	42	R0.5	5%	20%	-15%	2.74%
356.0	OH Cond. & Devices	64	R3.0	30%	18%	12%	1.38%
357.0	Underground Conduit	50	R2.0	0%	0%	0%	2.00%
358.0	Underground Conductor and Devices	20	L4.0	0%	0%	0%	5.00%
<u>GENERAL PLANT</u>							
390.0	Structures & Improvements	42	SQ	36%	11%	25%	1.79%
391.0	Office Furniture & Equipment	30	SQ	0%	0%	0%	3.33%
392.0	Transportation Equipment	27	SQ	0%	0%	0%	3.70%
393.0	Stores Equipment	55	SQ	0%	0%	0%	1.82%
394.0	Tools Shop & Garage Equipment	43	SQ	0%	10%	-10%	2.56%
395.0	Laboratory Equipment	37	SQ	0%	0%	0%	2.70%
396.0	Power Operated Equipment	25	SQ	0%	0%	0%	4.00%
397.0	Communication Equipment	24	SQ	0%	1%	-1%	4.21%
398.0	Miscellaneous Equipment	35	SQ	0%	0%	0%	2.86%
<u>INTANGIBLE PLANT</u>							
303	Miscellaneous Intangible Plant	5					20.00%

Notes

- A The transmission and general plant depreciation rates proposed by Transource West Virginia were determined using the same depreciation study utilized by Appalachian Power to develop transmission and general plant depreciation rates that were approved by the Public Service Commission of West Virginia in their order in Case Nos. 14-1152-E-42T and 14-1151-E-D on May 26, 2015.
- B These depreciation rates will not be changed absent a FERC order.

Attachment 11
 Prior Period Adjustments
 Transource West Virginia, LLC

Line No.	<u>Description</u>	<u>Source</u>	(a) <u>Revenue Impact of Correction</u>	(b) Calendar Year <u>Revenue Requirement</u>
1	Filing Name and Date			-
2	Original Revenue Requirement			-
3				
4	Description of Correction 1			
5	Description of Correction 2			-
6				
7	Total Corrections	Line 4 + 5		-
8				
9	Corrected Revenue Requirement	line 2 + 7		-
10				
11				
12	Total Corrections	Line 7		-
13				
14	Average Monthly FERC Refund Rate	Note A		
15	Number of Months of Interest	Note B		30
16	Interest on Correction	Line 12 x 14 x 15		-
17				
18	Total Annual Refunds Due to Customers	Line 12+16		-

Notes:

- A The interest rate on corrections will be the average monthly FERC interest rate for the period from the beginning of the year being corrected through the most recent month available as of the time the correction is computed and included in an annual filing.
- B The number of months interest due on the correction will be the number of months from the beginning of the year being corrected through June of the year in which the correction will be reflected in rates. In this manner the interest computed will reflect all years prior to when the correction is reflected in rates plus interest on the average unrefunded balance of the correction during the year the correction is reflected in rates.

Attachment 12
Revenue Credit Detail
Transource West Virginia, LLC

<u>Line No.</u> (Note 1)		(a)	(b)	(c) = (a)- (b)
	Source	Company Total	Less: Non Transmission	Transmission- related
1	Account 454 - Rent from Electric Property			
2	Joint pole attachments - telephone	-	-	-
3	Joint pole attachments - cable	-	-	-
4	Underground rentals	-	-	-
5	Transmission tower wireless rentals	-	-	-
6	Other rentals	-	-	-
7	Other rentals	-	-	-
8	Account 454 Revenue Credit	-	-	-
	Form 1 300.19.b			
9	Account 456.1 Other Operating Revenues			
10	PJM NITS	-	-	-
11	PJM Point to Point	-	-	-
12	Over/Under recovery deferral	306,410	-	306,410
13	Other PJM revenues	2,692,399	-	2,692,399
14	Other	-	-	-
15	Total Per Books	2,998,809	-	2,998,809
	Form 1 330.n			
16	Less: revenues received pursuant to this Formula Rate	2,692,399		2,692,399
17	Less: Over/Under recovery deferral	306,410		306,410
18	Account 456.1 Revenue Credit	-	-	-
	(Line 15 - line 16)			
19	Total Revenue Credits	-	-	-
	(Line 8 + line 18)			

Note 1 All 454 and 456.1 revenues will be detailed from Company books and records or FERC Form 1, and additional rows added if necessary. Non-transmission related amounts will be deducted to determine transmission-related amounts. Revenues that are not derived from PJM rates which are based on this transmission formula rate will be included as a revenue credit.

Appendix B
CWIP Report

Transource West Virginia, LLC
CWIP Report
CWIP and AFUDC Balances
For the 2018 Rate Year

	(A)	(B)	(C)	(D)
	CWIP as of 12/31/18	AFUDC 1/1/18 - 12/31/18	AFUDC Regulatory Liability 1/1/18 - 12/31/18	Revenue Requirement 1/1/18 - 12/31/18
Thorofare Project	\$53,484,478	\$0	\$0	\$2,278,857
TOTAL	\$53,484,478	\$0	\$0	\$2,278,857

NOTE:

Column (A) reflects 100% of CWIP Balances as of December 31, 2018

Column (B) represents total AFUDC accumulated from 1/1/18 - 12/31/18. No AFUDC was recorded.

Column (C) represents the total AFUDC regulatory liability booked from 1/1/18 - 12/31/18. No Regulatory Liability was recorded.

Column (D) represents the pre-tax return on rate base related to the 13 month average CWIP balance included in rate year cost of service.

Transource West Virginia, LLC
CWIP Report
Actual CWIP and AFUDC Monthly Balances
For the 2018 Rate Year

Thorofare Project

	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18
CWIP	7,104,129	7,686,624	10,521,686	11,691,956	13,732,294	16,812,296	21,789,768	28,351,533	32,860,529	34,698,572	40,024,388	46,680,391	53,484,478
AFUDC (Activity)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

NOTE: This worksheet reflects actual data.

**Transource West Virginia, LLC
CWIP Report
Project Description and Current Status
For the 2018 Rate Year**

Thorofare Project

The project consists of:

- a) A new 138kV transmission substation (“Coco Station”) near Rutledge, West Virginia
- b) A new 138kV transmission substation (“Linden Road Station”) near the Powell Mountain – Goff Run line
- c) 23 miles of new 138kV transmission line from Appalachian Power Company’s (“APCO”) existing Thorofare Creek substation to a tap into a new APCO distribution station (Ambler Ridge) and continues on to the proposed Linden Road Station

The project is estimated to cost \$82 million. All of the project components are anticipated to be in-service by October 2019.

The PJM project identifying number for this project is b2609.4. The project was identified in PJM's regional transmission planning process and awarded to Transource West Virginia on the basis of a competitive bid, as evidenced in the Designated Entity Agreement between PJM, Interconnection LLC and Transource West Virginia, LLC in FERC Docket No. ER15-2114.

Current Status

Project construction started during mid 2017. The Linden Road Station was completed in May 2019. Overall transmission line construction was approximately 90% complete as of May 2019 with the completion of this line anticipated in July 2019. The Coco Station is expected to be completed by early October 2019.

Appendix C
Customer Meeting Notice



MEETING NOTICE

Transource West Virginia, LLC.

Annual Transmission Formula Rate True-Up Meeting

To All Interested Parties:

In accordance with the formula rate implementation protocols of the PJM Open Access Transmission Tariff, Transource West Virginia will host an open meeting among Interested Parties regarding its 2018 Annual True-Up. The purpose of the meeting is to explain the Annual True-Up and provide Interested Parties with an opportunity to ask questions and seek information from Transource West Virginia about the Annual True-Up.

Date: July 31, 2019

Time: 3:00 p.m. – 4:00 p.m.

Call Information: Call In Number: **855-211-6968**
Participant's Passcode: **2006138#**

Meeting Access: <https://join.aep.com/meet/drlarson/CRLJRWBF>

Agenda:

- Review the Formula Rate True-Up for TWV
- Q&A

Participants may attend either in person or by tele/web conference. If you wish to participate in the Customer Meeting, please RSVP to Doug Larson (drlarson@aep.com) by noon on Wednesday, July 24, 2018, with the following information:

- Name;
- Title;
- Company;
- Client(s), if applicable;
- Telephone Number; and
- Address.