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For the 12 months ended 12/31/2023

					For th <mark>e 12 months ended 12/31/2</mark>		
	(1)	(2)	(3)		(4)		(5)
Line No.		Source					Allocated Amount
1	GROSS REVENUE REQUIREMENT, without incentives	(page 3, line 49)				\$	8,319,050
	REVENUE CREDITS	(Note A)	Total	Al	locator		
2	Account No. 454	(page 4, line 20)		TP	1.0000		-
3	Accounts 456.0 and 456.1	(page 4, line 21)	-	TP	1.0000		-
4	Revenues from Grandfathered Interzonal Transactions	(Note B)	-	ТР	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	(490,361)	DA	1.0000		(490,361)
8	True-up Adjustment with Interest	Attachment 3, line 9, Col. G+H	(6,921,783)	DA	1.0000		(6,921,783)
9	Facility Credits under Section 30.9 of the PJM OATT	Attachment 13	-	DA	1.0000		-
10	NET ANNUAL TRANSMISSION REVENUE REQUIREMENT	(Line 1 less line 6 plus lines 7,8, and 9)				\$	906,906

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For the 12 months ended 12/31/2023

Formula Rate - Non-Levelized

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Rate Formula Template - Attachment H-29A Utilizing FERC Form 1 Data Transource Pennsylvania, LLC

	(1)	(2)	(3)		(4)	(5) Transmission
Line		Source	Company Total	Alloc	ator	(Col 3 times Col 4)
No.	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)	700,797	W/S	1.0000	700,797
5	TOTAL GROSS PLANT	(Sum of Lines 1 through 4)	700,797	GP=	1.0000	700,797
6	ACCUMULATED DEPRECIATION	Note C				
7	Production	219.20-24.c for end of year, records for other months	-	NA	-	-
8	Transmission	Attachment 4, Line 14, Col. (h)	-	TP	1.0000	-
9	Distribution	219.26.c for end of year, records for other months	-	NA	-	-
10	General & Intangible	Attachment 4, Line 14, Col. (i)	317,172	W/S	1.0000	317,172
11	TOTAL ACCUM. DEPRECIATION	(Sum of Lines 7 through 10)	317,172			317,172
12	NET PLANT IN SERVICE					
13	Production	(line 1 - line 7)	-			-
14	Transmission	(line 2 - line 8)	-			-
15	Distribution	(line 3 - line 9)				-
16 17	General & Intangible TOTAL NET PLANT	(line 4 - line 10) (Sum of line 5 - line 11)	383,625 383,625	NP=	1.0000	383,625 383,625
17	IOTAL NET PLANT	(Sum of time 5 - time 11)	585,025	INP-	1.0000	585,025
18	ADJUSTMENTS TO RATE BASE					
19	Account No. 281 (enter negative)	Attachment 4, Line 28, Col. (d) (Note D)	-	NA	zero	-
20	Account No. 282 (enter negative)	Attachment 4, Line 28, Col. (e) (Note D)	(116,094)	NP	1.0000	(116,094)
21 22	Account No. 283 (enter negative) Account No. 190	Attachment 4, Line 28, Col. (f) (Note D)	610,467	NP NP	1.0000 1.0000	610,467
22	Account No. 190 Account No. 255 (enter negative)	Attachment 4, Line 28, Col. (g) (Note D) Attachment 4, Line 28, Col. (h) (Note D)	2,090,175	NP NP	1.0000	2,090,175
23	Unfunded Reserves (enter negative)	Attachment 4, Line 43, Col. (h) (Note D)	-	DA	1.0000	-
25	CWIP	Attachment 4, Line 14, Col. (d) (Note W)	81,205,085	DA	1.0000	81,205,085
26	Unamortized Regulatory Asset	Attachment 4, Line 28, Col. (b) (Note E)		DA	1.0000	
27	Unamortized Abandoned Plant	Attachment 4, Line 28, Col. (c) (Note F)	-	DA	1.0000	-
28	TOTAL ADJUSTMENTS	(Sum of line 19 - line 27)	83,789,633			83,789,633
29	LAND HELD FOR FUTURE USE	Attachment 4, Line 14, Col. (e) (Note G)	-	TP	1.0000	-
30	WORKING CAPITAL	Note H				
31	Cash Working Capital	1/8*(Page 3, Line 17 minus Page 3, Line 14)	45,845			45,845
32	Materials & Supplies	Attachment 4, Line 14, Col. (f)	-	TP	1.0000	-
33	Prepayments (Account 165)	Attachment 4, Line 14, Col. (g)	43,471	GP	1.0000	43,471
34	TOTAL WORKING CAPITAL	(Sum of line 31 - line 33)	89,317			89,317
35	RATE BASE	(Sum of line 17, 28, 29, 34)	84,262,574			84,262,574

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Formula Rate - Non-Levelized

Rate Formula Template - Attachment H-29A Utilizing FERC Form 1 Data Transource Pennsylvania, LLC

For the 12 months ended 12/31/2023

			Transource Pennsylvania, LLC			
Line	(1)	(2)	(3)		(4)	(5) Transmission
No.	_	Source	Company Total	Alloc	ator	(Col 3 times Col 4)
	O&M					
1	Transmission	321.112.b	126,309	TP	1.0000	126,309
2	Less Account 566 (Misc Trans Expense)	321.97.b	53,901	TP	1.0000	53,901
3	Less Account 565	321.96.b	-	TP	1.0000	-
4	A&G	323.197.b	244,803	W/S	1.0000	244,803
	Less FERC Annual Fees	350.h (Note I)	-	W/S W/S	1.0000	-
6 7	Less EPRI Dues	Note J Note J	- 7	W/S W/S	1.0000 1.0000	- 7
8	Less Reg. Commission Expense Account 928 Less: Non-safety Advertising account 930.1	Note J Note J	/	W/S W/S	1.0000	/
8 9			-	W/S W/S	1.0000	-
-	Less Actual PBOP Expense in Year	Attachment 7, Line 10, Col. (c)	-	W/S TP	1.0000	-
10 11	Plus Transmission Related Reg. Comm. Exp. Plus PBOP Expense Allowed Amount	Note K	(4,342)	TP W/S	1.0000	- (4 2 4 2)
11		Attachment 7, Line 8, Col. (c) Note V	(4,342)	DA	1.0000	(4,342)
12	Plus Transmission Lease Payments in Acct 565 Account 566	Note v	-	DA	1.0000	-
13		Note E	<u> </u>	DA	1.0000	
14	Amortization of Regulatory Asset Misc. Transmission Expense (less amort. of regulatory asset)	321.97b less line 14	53,901	TP	1.0000	53,901
15	Total Account 566	(Sum of line 14 - line 15)" Ties to 321.97b	53,901	IP	1.0000	53,901
10	TOTAL O&M	(Sum of Lines 1, 4, 10, 11, 12, 16 less Lines 2, 3, 5-9)	366,763			366,763
17	TOTAL OWN	(Sum of Lines 1, 4, 10, 11, 12, 10 less Lines 2, 5, 5-9)	300,703			500,705
18	DEPRECIATION EXPENSE	Note C				
19	Transmission	336.7.b&d	-	TP	1.0000	-
20	General & Intangible	336.10.b&d, 336.1.b&d	128,767	W/S	1.0000	128,767
21	Amortization of Abandoned Plant	Note F	-	DA	1.0000	-
22	TOTAL DEPRECIATION	(Sum of line 19 - line 21)	128,767			128,767
		(,
23	TAXES OTHER THAN INCOME TAXES (Note M)					
24	LABOR RELATED					
25	Payroll	263.i	-	W/S	1.0000	-
26	Highway and vehicle	263.i	-	W/S	1.0000	-
27	PLANT RELATED					
28	Property	263.i	-	GP	1.0000	-
29	Gross Receipts	263.i	-	NA	zero	-
30	Other	263.i	-	GP	1.0000	-
31	Payments in lieu of taxes	263.i	-	GP	1.0000	-
32	TOTAL OTHER TAXES	(Sum of line 25 - line 31)	-			-
33	INCOME TAXES (Note N)	Note N				
34	$T=1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\} * (1-TEP)$		28.10%			
35	CIT=(T/1-T) * (1-(WCLTD/R)) =	WCLTD = Page 4, Line 15, R = Page 4, Line 18	25.45%			
36	FIT & SIT & P					
37						
38	1 / (1 - T) = (from line 34)	1 / (1 - T), T from Line 34	139.09%			
39	Amortized Investment Tax Credit	266.8f (enter negative)	-			
40	Excess / (Deficit) Deferred Income Taxes	Company Books and Records - Note O	-			
41	Tax Effect of Permanent Differences	Company Books and Records - Note O	-			
42	Income Tax Calculation	(Line 35 times Line 48)	1,586,939	NA		1,586,939
43	ITC adjustment	(Line 38 times Line 39)	-	NP	1.00000	-
44	Excess / (Deficit) Deferred Income Tax Adjustment	(Line 38 times Line 40)	-	NP	1.00000	-
45	Permanent Differences Tax Adjustment	(Line 38 times Line 41)	-	NP	1.00000	-
46	Total Income Taxes	(Sum of line 42 - line 45)	1,586,939			1,586,939
47	RETURN					
47	Rate Base times Return	(Page 2, line 35 times Page 4, Line 18)	6,236,581	NA		6,236,581
40	Rue Duse unies Return	(1 ugo 2, nine 30 unico 1 ago 4, Lille 10)	0,230,301	11/1		0,200,001
49	GROSS REVENUE REQUIREMENT	(Sum of line 17,22, 32, 46, 48)	8,319,050			8,319,050

Page 4 of 5

	Formula Rate - Non-Levelized	Rate Formula Template - Attachment H-29A Utilizing FERC Form 1 Data Transource Pennsylvania, LLC			For	the 12 months ended 12/31/2023
	(1)	(2)	(3)		(4)	(5)
		SUPPORTING CALCULATIONS AND N	OTES			
Line	TRANSMISSION DE ANTERIOEURER RUISS RUISS RUISS					
No.	TRANSMISSION PLANT INCLUDED IN ISO RATES	(B 2 L 2 C b 2)				
2	Total Transmission plant Less Transmission plant excluded from ISO rates	(Page 2, Line 2, Column 3) (Note P)				-
3	Less Transmission plant excluded from ISO 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)					
0	WAGES & SALART ALEOCATOR (W&S)	Form 1 Reference	\$	TP	Allocation	
7	Production	354.20.b	-	-	-	
8	Transmission	354.21.b		1.0000	-	
9	Distribution	354.23.b	-	-	-	W&S Allocator
10	Other	354.24,25,26.b	-	-		(\$ / Allocation)
11	Total (W& S Allocator is 1 if lines 7-10 are zero)	(Sum of line 7 - line 10)	-		_ =	1.00000 WS
12	RETURN (R)					\$
13						
14			\$	%	Cost	Weighted
15	Long Term Debt	Attachment 5, (Notes Q & R)	43,000,000	53.7%	4.81%	2.58%
16	Preferred Stock (112.3.c)	Attachment 5, (Notes Q & R)	-	0.0%	0.00%	0.00%
17	Common Stock	Attachment 5, (Notes Q, R, and T)	37,120,427	46.3%	10.40%	4.82%
18	Total	(Sum of line 15 - line 17)	80,120,427			7.40%
19	REVENUE CREDITS					
20	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY)	Attachment 12, line 8 (Note U)				-
21	ACCOUNTS 456.0 AND 456.1 (OTHER ELECTRIC REVENUES)	Attachment 12, line 21 (Note A)				-

Formula Rate - Non-Levelized

Rate Formula Template - Attachment H-29A Utilizing FERC Form 1 Data Transource Pennsylvania, LLC

For the 12 months ended 12/31/2023

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

R

- A The revenues credited on page 1 lines 2-6 shall include revenues related to the Transmission Owner's integrated transmission facilities, including revenues for any load which is not included in the divisor used to derive the annual rate. 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. Excludes ARO-related items. 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. For rate projections, the ADIT calculation will include a proration of accelerated tax depreciation-related deferred taxes in accordance with Section 1.167(1)-1(h)(6)(ii) of the IRS regulations.
- 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. To the extent the charges are separately identified on the FERC Form 1 page 350, column I, the line number will be added to the source in Column 2 for reference. Line item references can change from year to year. Items not specifically identified on the FERC Form 1 page 350 will be obtained from Company books and records.
- J Page 3, Line 6 Subtract all EPRI Annual Membership Dues recorded in any O&M or A&G account 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, and other assessments charged in the current year. Taxes related to income, franchise taxes, and sales and use taxes are excluded. Gross receipts taxes are not included in transmission revenue requirement in the Rate Formula Template, since they are recovered elsewhere. To the extent individual types of taxes are separately identified on the FERC Form 1 page 263, column I, the line number will be added to the source in Column 2 for reference. Line item references can change from year. Items not specifically identified on the FERC Form 1 page 263 will be obtained from Company books and records.
- 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 Reaurited:
 - FIT=
 21.00% (Federal Income Tax Rate)

 SIT=
 8.99% (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 Excess / (Deficit) Deferred Income Taxes will be amortized over the average remaining life of the assets to which it relates, unless the Commission requires a different amortization period. 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-29A that are not the result of a timing difference, including but not limited to depreciation related to capitalized AFUDC equity and meals and entertainment deductions.
- 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 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, subject to any project-specific limitations refeleted on 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 abalances.

- 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.
- W Recovery of CWIP in rate base must be approved by FERC. Attachment 4 provides 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 Attachment 4.

Attachment 1 Project Revenue Requirement Worksheet Transource Pennsylvania, LLC

To be completed in conjunction with Attachment H-29A.

	(1)	(2) Attachment H-29A	(3)	(4)
Line No.		Attachment H-29A Page, Line, Col.	Transmission	Allocator
1 2	Gross Transmission Plant plus CWIP Net Transmission Plant plus CWIP and Abandoned Plant	Attach H-29A, p 2, line 2 col 5 plus line 25 col 5 (Note A) Attach H-29A, p 2, line 14 col 5 plus line 25 & 27 col 5 (Note E	81,205,085 81,205,085	
3 4	O&M EXPENSE Total O&M Allocated to Transmission Annual Allocation Factor for O&M	Attach H-29A, p 3, line 17 col. 5, less line 14 col. 5 (line 3 divided by line 1 col 3)	366,763 0.45%	0.45%
5 6	GENERAL AND INTANGIBLE (G & I) DEPRECIATION EXPENSE Total G & I Depreciation Expense Annual Allocation Factor for G & I Depreciation Expense	Attach H-29A, p 3, line 20, col 5 (Note C) (line 5 divided by line 1 col 3)	128,767 0.16%	0.16%
7 8	TAXES OTHER THAN INCOME TAXES Total Other Taxes Annual Allocation Factor for Other Taxes	Attach H-29A, p 3, line 32 col 5 (line 7 divided by line 1 col 3)	- 0.00%	0.00%
9 10	Less Revenue Credits Annual Allocation Factor for Revenue Credits	Attach H-29A, p 1, line 6 col 5 (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		0.61%
12 13	INCOME TAXES Total Income Taxes Annual Allocation Factor for Income Taxes	Attach H-29A, p 3, line 46 col 5 (line 12 divided by line 2 col 3)	1,586,939 1.95%	1.95%
14 15	RETURN Return on Rate Base Annual Allocation Factor for Return on Rate Base	Attach H-29A, p 3, line 48 col 5 (line 14 divided by line 2 col 3)	6,236,581 7.68%	7.68%
16	Annual Allocation Factor for Return	Sum of line 13 and 15	9.63%	9.63%

Page 1 of 3

Attachment 1 Project Revenue Requirement Worksheet Transource Pennsylvania, 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 regional cost allocation in PJM. 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-29A 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	Pr	roject 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 1b	PJM Market Efficien	c Schedule 12	b2743.5, b2743.1, b2752.5, b2752.1	81,205,085	0.006 0.006	495,530	\$ \$	81,205,085	0.096 0.096	7,823,520
2	Total Schedule 12			81,205,085		495,530	\$	81,205,085		7,823,520
3a 3b		Zonal		-	0.006 0.006	-	\$ \$	-	0.096 0.096	-
4	Total Zonal			-		-	\$	-		-
5	Other									
6	Annual Totals			81,205,085		495,530		81,205,085		7,823,520

Notes

A Gross Transmission Plant is that identified on page 2 line 2 of Attachment H-29A inclusive of any CWIP included in rate base when authorized by FERC order.

- B Net Plant is that identified on page 2 line 14 of Attachment H-29A 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, if applicable.
- F Project Depreciation Expense is the actual value booked for the project (excluding General and Intangible depreciation) at Attachment H-29A, page 3, line 19, plus amortization of Abandoned Plant at Attachment H-29A, page 3, line 21, if applicable.
- G Requires approval by FERC of incentive return applicable to the specified project(s).
- H The Competitive Concession is a reduction in the revenue requirement, if any, that the Company agreed to, for instance, in the process of being 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. The Competitive Concession column will also be used to reflect any reduction in the revenue requirement resulting from the following provisions of the Settlement filed in Docket No. ER17-419, after such Settlement becomes effective by its terms: (i) the requirement that the Company cap the equity component of the capital structure for the competitive elements of a project in Pennsylvania and Maryland known as PJM Market Efficiency Project 9A ("Project 9A") at 50% beginning on the earlier of (a) Project 9A's in-service date, (b) the date non-construction debt (i.e., permanent financing) is put in place, or (c) June 1, 2020; and (ii) the requirement that the Company forgo any ROE incentives (including the 50 basis point RTO participation adder) for any Project 9A costs that exceed \$210 million on the date the project is placed into service. A workpaper will be prepared supporting the amount of any analizable concession or other reduction reflected in this column.

True-Up Adjustment is calculated on the Project True-up Schedule for the relevant true-up year.

Page 2 of 3

Attachment 1 Project Revenue Requirement Worksheet Transource Pennsylvania, LLC

	(9)	(10)	(11)	(12)	(12a)	(13)	(14)	(15)	(16)
Line No.	Project Depreciation/Amort ization Expense	Annual Revenue Requirement	Incentive Return in Basis Points	Incentive Return	Ceiling Rate	Competitive Concession	Total Annual Revenue Requirement	True-Up Adjustment	Net Revenue Requirement
				(Attachment 2, Line 28 Incentive	(Sum Col. 10 &		(Sum Col. 10 &		Sum Col. 14 & 15
	(Note F)	(Sum Col. 5, 8 & 9)	(Note G)	Return * Col. 6)	12)	(Note H)	12 Less Col. 13)	(Note I)	
1a 1b	-	8,319,050	-		8,319,050	-	8,319,050	(7,412,144)	906,906
2	-	8,319,050		-	8,319,050	-	8,319,050	(7,412,144)	906,906
3a	-	-	-	-	-	-	-	-	-
3b	-	-	-	-	-	-	-	-	-
4	-	-		-	-	-	-	-	-
5									-
6	-	8,319,050		-	8,319,050	-	8,319,050	(7,412,144)	906,906

Notes

A Gross Transmission Plant is that identified on page 2 line 2 of Attachment H-29A inclusive of any CWIP included in rate base when authorized by FERC order.

- B Net Plant is that identified on page 2 line 14 of Attachment H-29A 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, if applicable.
- F Project Depreciation Expense is the actual value booked for the project (excluding General and Intangible depreciation) at Attachment H-29A, page 3, line 19, plus amortization of Abandoned Plant at Attachment H-29A, page 3, line 21, if applicable.
- G Requires approval by FERC of incentive return applicable to the specified project(s).
- H The Competitive Concession is a reduction in the revenue requirement, if any, that the Company agreed to, for instance, in the process of being 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. The Competitive Concession column will also be used to reflect any reduction in the revenue requirement resulting from the following provisions of the Settlement filed in Docket No. ER17-419, after such Settlement becomes effective by its terms: (i) the requirement that the Company cap the equity component of the capital structure for the competitive elements of a project in Pennsylvania and Maryland known as PJM Market Efficiency Project 9A ("Project 9A") at 50% beginning on the earlier of (a) Project 9A's in-service date, (b) the date non-construction debt (i.e., permanent financing) is put in place, or (c) June 1, 2020; and (ii) the requirement that the Company forgo any ROE incentives (including the 50 being point PTO participation addet) for any Project 9A costs that accessed \$210 million on the date the project is placed into service. A workponent will be prometed
- I True-Up Adjustment is calculated on the Project True-up Schedule for the relevant true-up year.

Page 3 of 3

Attachment 2 Incentive ROE Transource Pennsylvania, LLC

1 Rate Base Attachment H-29A, page 2, line 35, Col.5

2	100 Basis Point Incentive Re	turn					\$	
			Source	\$	%	Cost	Weighted	
3 4	Long Term Debt Preferred Stock	(Notes Q & R from Attachment H-29A) (Notes Q & R from Attachment H-29A)		43,000,000	53.7% 0.0%	4.81% 0.00%	2.58% 0.00%	
-			Cost = Attachment H-29A, page 4, Line	25 120 425	16.00/		5 200/	
5	Common Stock	(Notes Q, R, & T from Attachment H-29A)	17, Cost plus 100 bp	37,120,427	46.3%	11.40%	5.28% 7.86%	
	Total (sum lines 3-5) 100 Basis Point Incentive Re	turn multiplied by Rate Base (line 1 * line 6)		80,120,427			/.8070	6,626,976
8	INCOME TAXES							
9	T=1 - {[(1 - SIT) * (1 - FI	T)] / $(1 - SIT * FIT * p)$ } = * $(1 - TEP)$		0.2810				
10	CIT=(T/1-T) * (1-(WCL1	TD/R)) =		0.2625				
11	WCLTD = Line 3							
12		given in Attachment H-29A footnote N.		4 8 9 9 9 9				
13	1/(1 - T) = (from line 9)	,	Attachment II 20 A. Dece 2. Line 20	1.3909				
	Excess Deferred Income Tax	redit (266.8f) (enter negative)	Attachment H-29A, Page 3, Line 39 Attachment H-29A, Page 3, Line 40	-				
	Tax Effect of Permanent Dif		Attachment H-29A, Page 3, Line 40 Attachment H-29A, Page 3, Line 41	-				
	Income Tax Calculation = lin		Attachment II-2974, I age 5, Ene 41				1,739,530	
	ITC adjustment (line 13 * lin			-	NP	1.00	-	
19	Excess Deferred Income Tax	Adjustment (line 13 * line 15)		-	NP	1.00	-	
20	Permanent Differences Tax A	Adjustment (line 13 * 16)		-	NP	1.00	-	
21	Total Income Taxes (sum lin	es 17 - 20)					1,739,530	1,739,530
22	Return and Income Taxes wi	th 100 basis point increase in ROE	(line 7 + line 21)					8,366,506
	Return (Attach. H-29A, pag							6,236,581
	Income Tax (Attach. H-29)						-	1,586,939
		thout 100 basis point increase in ROE	(line 23 + line 24)					7,823,520
	Rate Base (line 1)	me Taxes for 100 basis point increase in ROE	(line 22 - line 25)					542,985.49 ####################################
	()	me Taxes for 100 basis point increase in ROE div	ided by Rate Base					0.0064
20	merementar return and meo	the rates for 100 basis point increase in ROE div	Red by Rate Dase					0.0004

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-29A that are not the result of a timing difference.

C Pursuant to the Commission-approved settlement in Docket No. ER17-419, the Company has agreed not to seek a risk-based incentive ROE for the competitive elements of a project in Pennsylvania and Maryland known as PJM Market Efficiency Project 9A. Therefore, Attachment 2 shall not be used for PJM Market Efficiency Project 9A.

84,262,574

Attachment 3 Formula Rate True-Up Transource Pennsylvania, 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-U	p Year Revenue	True-Up Year Revenue	Actual True-Up Year				
1	True-Up Year			Requirement	Calculation	Received ¹	Revenue Req.		Annual True-Up Calculation		
2	2021					\$ 12,234,250					
	А		В	С	D	E	F	G	Н	Ι	J
					% of	Allocation of			True-Up		
			Project #		Total	Revenue	True-Up	Net	Interest	Prior Period	
			Or Other	Net Revenue	Revenue	Received	Net Revenue	Under/(Over)	Income	Adjustment with	Total True-Up
	Project Name	PJM Category	Identifier	Requirement ²	Requirement	(E, Line 2) x (D)	Requirement ³	Collection (F)-(E)	(Expense) ⁴	Interest 5	(G) + (H) + (I)
3	Remaining Attachment H-29A			-	0.0%	-	-	-	-		-
4a	PJM Market Efficiency Project 9A	Schedule 12	b2743.5, b2743.1, b2752.5, b2752.	12,234,250	100.0%	12,234,250	5,765,459	(6,468,791)	(452,992)	(490,361)	(7,412,144)
4b				-	0.0%	-	-	-	-	-	-
5	Total Schedule 12			12,234,250		12,234,250	5,765,459	(6,468,791)	(452,992)	(490,361)	(7,412,144)
6a		Zonal		-	0.0%	-	-	-	-	-	-
6b				-	0.0%	-	-	-	-	-	-
7	Total Zonal			-		-	-	-	-	-	-
8	Other										
9	Total Annual Revenue Requirements			12,234,250	100.0%	12,234,250	5,765,459	(6,468,791)	(452,992)	(490,361)	(7,412,144)
										_	

Total Interest on True-Up - Attachment 6 (452,992)

Prior Period Adjustment

	А		В
	Prior Period Adjustment		Adjustment
	(Note 5)	Source	Amount
	Equity portion of cap structure should have		
11	been capped at 50% beginning June 2020	Attachment 11	(490,361)

Notes:

10

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, Page 3 of 3, 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, page 3 of 3, 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 calculated 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.

Attachment 4 Rate Base Worksheet Transource Pennsylvania, LLC

Line		Gross Plant In Service		CWIP	LHFFU	Working	Capital	Accumulated Depreciation	
No	Month (a)	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.c for end of year, records for other months	227.8.c & 227.16.c for end of year, records for other months	Note J - 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		657,781	81,315,876	-		- 43,471	-	253,214
2	January		669,840	81,234,452	-		- 43,471	-	263,401
3	February		679,011	81,192,992	-		- 43,471		273,783
4	March		685,278	81,192,623	-		- 43,471	-	284,312
5	April		691,046	81,192,363	-		- 43,471	-	294,938
6	May		696,681	81,192,228	-		- 43,471	-	305,661
7	June		702,183	81,192,225	-		- 43,471	-	316,480
8	July		707,682	81,192,222	-		- 43,471	-	327,395
9	August		713,179	81,192,221	-		- 43,471	-	338,405
10	September		718,674	81,192,221	-		- 43,471	-	349,512
11	October		724,170	81,192,223	-		- 43,471	-	360,714
12	November		729,667	81,192,225	-		- 43,471	-	372,011
13	December		735,166	81,192,229	-		- 43,471	-	383,405
14	Average of the 13 Monthly Balances		700,797	81,205,085		_	43,471	-	317,172

Adjustments to Rate Base

Line No	Month (a)	Unamortized Regulatory Asset (b)	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) Consistent with 266.8.b &
	(Note A)	Note C	Note D	Att. 4a & Att. 4b	267.8.h			
15	December Prior Year	-	-		109,431	(620,465)	2,088,075	-
16	January	-	-					-
17	February	-	-					-
18	March	-	-					-
19	April	-	-					-
20	May	-	-					-
21	June	-	-					-
22	July	-	-					-
23	August	-	-					-
24	September	-	-					-
25	October	-	-					-
26	November	-	-					-
27	December	-	-	-	122,758	(600,469)	2,092,274	-
28	Average of the 13 Monthly Bal	ances -	-	-	116,094	(610,467)	2,090,175	-

Page 1 of 2

Attachment 4 Rate Base Worksheet Transource Pennsylvania, LLC

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

		Total CWIP (a) 216.b for end of year,	Less: CWIP Excluded from Rate Base (b)	Less: AFUDC Excluded from Rate Base (c)	CWIP Allowed in Rate Base (d)= (a) - (b) - (c)
		records for other months	Company records	Company records	
29	December Prior Year	81,315,876	-	-	81,315,876
30	January	81,234,452	-	-	81,234,452
31	February	81,192,992	-	-	81,192,992
32	March	81,192,623	-	-	81,192,623
33	April	81,192,363	-	-	81,192,363
34	May	81,192,228	-	-	81,192,228
35	June	81,192,225	-	-	81,192,225
36	July	81,192,222	-	-	81,192,222
37	August	81,192,221	-	-	81,192,221
38	September	81,192,221	-	-	81,192,221
39	October	81,192,223	-	-	81,192,223
40	November	81,192,225	-	-	81,192,225
41	December	81,192,229	-	-	81,192,229
		81,205,085	-	-	81,205,085
	Unfunded Reserves (Notes A and F through H) (a)	(b)	(b.i)	(b.ii)	(c)

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

(d)

(e)

(f)

Notes:

- 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. Attachments 4a and 4b are used to populate the beginning and ending ADIT balances on lines 15 and 27 above. ADIT calculations will be prorated to the extent required by Section 1.167(l)-1(h)(6)(ii) of the IRS regulations. Rate Projections will use Attachment 4c to calculate the proration adjustment.
- 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.
- I 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.
- J Overpayments of Income Taxes shall be excluded from Prepayments if the overpayments are not used to reduce future tax liability.

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(g)

(h)

A Calculate using 13 month average balance, except ADIT which is calculated as described in Note E.

Transource Pennsylvania, LLC Attachment 4a - Accumulated Deferred Income Taxes (ADIT) Worksheet Beginning of Rate Year and Rate Year Average

A description of each item and justification for the exclusion from or allocation to the Transmission function will be listed below. Dissimilar items with amounts exceeding \$100,000 will be listed separately.

Instructions for Account 190:

1. ADIT items related only to Non-Electric Utility Operations and excluded items are directly assigned to Column C

- 2. ADIT items related only to Transmission other than Plant-related items are directly assigned to Column D
- 3. ADIT items related to Plant and not in Columns C & D are included in Column E

4. ADIT items related to Labor and not in Columns C & D are included in Column F

	A	В	С	D	F	G	н
	ADIT-190	Total	Non-Electric	Transmission	Plant	Labor	
Line:			or Excluded	Related	Related	Related	Justification
1	520A PROVS POSS REV REFDS-A/L	2,222,938	-	2,222,938	-	-	Revenue Refund Timing Differences
2	601E INSURANCE PREMIUMS ACCRUED	(8,444)	-	(8,444)	-		Prepaid Insurance Timing Differences
3	ACCRD COMPANYWIDE INCENTV PLAN	3,713	-	-	-		Book Accrual Timing Differences
4	911Q-DSIT DSIT ENTRY - NORMALIZED	(130,133)	-	(130,133)	-	-	Electric operations DSIT
5	960F-XS EXCESS ADFIT 282 - PROTECTED 282.4	968	968	-	-	-	Gross-up on Excess ADIT related to Plant
6	960F-XS EXCESS ADFIT 283 - UNPROTECTED 283.4	(319)	(319)	-	-	-	Gross-up on Excess ADIT related to Plant
7							
8							
9							
10							
11	Subtotal - Form 1 p234, line 8, column (b)	2,088,724	648	2,084,362	-	3,713	
12	Wages & Salary Allocator					1.00	
13	Net Plant Allocator				1.00		
14	Total - sum cols. D-G	2,088,075		2,084,362	-	3,713	

Transource Pennsylvania, LLC Attachment 4a - Accumulated Deferred Income Taxes (ADIT) Worksheet Beginning of Rate Year and Rate Year Average

Instructions for Account 281/282/283:

1. ADIT items related only to Non-Electric Utility Operations and excluded items are directly assigned to Column C

2. ADIT items related only to Transmission other than Plant-related items are directly assigned to Column D

3. ADIT items related to Plant and not in Columns C & D are included in Column E

4. ADIT items related to Labor and not in Columns C & D are included in Column F

	А	В	С	D	F	G	Н
	ADIT- 281	Total	Non-Electric	Transmission	Plant	Labor	
Line:			or Excluded	Related	Related	Related	Justification
15		-					
16		-					
17	Subtotal - Form 1 p272, line 8, column (b)	-	-	-	-	-	
18	Wages & Salary Allocator					1.00	
19	Net Plant Allocator				1.00		
20	Total - sum cols. D-G	-		-	-	-	

ADIT- 282TotalNon-ElectricTransmissionPlantLaborLine:or ExcludedRelatedRelatedRelatedRelatedJustification21230A NORMALIZED BK VS TAX DEPR18,89018,890-Related to Capitalized Plant Timing Differences22280A EXCESS TX VS S/L BK DEPR15,106-15,106-Related to Capitalized Plant Timing Differences23310A AOFUDC24,305-24,305-Related to Capitalized Interest Timing Differences24712K CAPITALIZED SOFTWARE COST-BOOK70,146-20,302-Related to Capitalized Software Timing Differences25712L CAPITALIZED SOFTWARE COST-BOOKS(21,397)(21,397)-Related to Excess ADIT on Plant Timing Differences26960F-XS EXCESS ADFIT 282 - PROTECTED 282.12,382Related to Excess ADIT on Plant Timing Differences27960F-XS EXCESS ADFIT 282 - PROTECTED 282.4(2,382)(2,382)Related to Excess ADIT on Plant Timing Differences28Subtotal - Form 1 p274, line 2, column (b)107,049(2,382)-109,43129Wages & Salary Allocator-100-100-100	
21230A NORMALIZED BK VS TAX DEPR18,89018,890-Related to Capitalized Plant Timing Differences22280A EXCESS TX VS S/L BK DEPR15,10615,106-Related to Capitalized Plant Timing Differences23310A AOFUDC24,30524,305-Related to Capitalized Interest Timing Differences24712K CAPITALIZED SOFTWARE COST-BOOK70,14670,146-Related to Capitalized Software Timing Differences25712L CAPITALIZED SOFTWARE COST-BOOKS(21,397)(21,397)-Related to Capitalized Software Timing Differences26960F-XS EXCESS ADFIT 282 - PROTECTED 282.12,382-2,382-Related to Excess ADIT on Plant Timing Differences27960F-XS EXCESS ADFIT 282 - PROTECTED 282.4(2,382)(2,382)Related to Excess ADIT on Plant Timing Differences28Subtotal - Form 1 p274, line 2, column (b)107,049(2,382)-109,431-29Wages & Salary Allocator1.00100	
22 280A EXCESS TX VS S/L BK DEPR 15,106 - 15,106 - Related to Capitalized Plant Timing Differences 23 310A AOFUDC 24,305 - 24,305 - Related to Capitalized Interest Timing Differences 24 712K CAPITALIZED SOFTWARE COST-BOOK 70,146 - 70,146 - Related to Capitalized Software Timing Differences 25 712L CAPITALIZED SOFTWARE COST-BOOKS (21,397) - (21,397) - Related to Capitalized Software Timing Differences 26 960F-XS EXCESS ADFIT 282 - PROTECTED 282.1 2,382 - 2,382 - Related to Excess ADIT on Plant Timing Differences 27 960F-XS EXCESS ADFIT 282 - PROTECTED 282.4 (2,382) (2,382) - - Related to Excess ADIT on Plant Timing Differences 28 Subtotal - Form 1 p274, line 2, column (b) 107,049 (2,382) - 109,431 - 29 Wages & Salary Allocator 100 100 100 100 100	
310A AOFUDC 24,305 - 24,305 Related to Capitalized Interest Timing Differences 24 712K CAPITALIZED SOFTWARE COST-BOOK 70,146 - 70,146 Related to Capitalized Software Timing Differences 25 712L CAPITALIZED SOFTWARE COST-BOOKS (21,397) - (21,397) Related to Capitalized Software Timing Differences 26 960F-XS EXCESS ADFIT 282 - PROTECTED 282.1 2,382 - - 2,382 - Related to Excess ADIT on Plant Timing Differences 27 960F-XS EXCESS ADFIT 282 - PROTECTED 282.4 (2,382) (2,382) - - Related to Excess ADIT on Plant Timing Differences 28 Subtotal - Form 1 p274, line 2, column (b) 107,049 (2,382) - 109,431 - 29 Wages & Salary Allocator 1.00 100,431 - 1.00	
24712K CAPITALIZED SOFTWARE COST-BOOK70,146-70,146Related to Capitalized Software Timing Differences25712L CAPITALIZED SOFTWARE COST-BOOKS(21,397)-(21,397)Related to Capitalized Software Timing Differences26960F-XS EXCESS ADFIT 282 - PROTECTED 282.12,3822,382Related to Excess ADIT on Plant Timing Differences27960F-XS EXCESS ADFIT 282 - PROTECTED 282.4(2,382)(2,382)Related to Excess ADIT on Plant Timing Differences28Subtotal - Form 1 p274, line 2, column (b)107,049(2,382)-109,431-29Wages & Salary AllocatorImage: Column (b)107,0491001.00	
25712L CAPITALIZED SOFTWARE COST-BOOKS(21,397)-(21,397)Related to Capitalized Software Timing Differences26960F-XS EXCESS ADFIT 282 - PROTECTED 282.12,3822,382-Related to Excess ADIT on Plant Timing Differences27960F-XS EXCESS ADFIT 282 - PROTECTED 282.4(2,382)(2,382)Related to Excess ADIT on Plant Timing Differences28Subtotal - Form 1 p274, line 2, column (b)107,049(2,382)-109,431-29Wages & Salary Allocator-1.001.00	
960F-XS EXCESS ADFIT 282 - PROTECTED 282.1 2,382 - 2,382 - Related to Excess ADIT on Plant Timing Differences 960F-XS EXCESS ADFIT 282 - PROTECTED 282.4 (2,382) - - - Related to Excess ADIT on Plant Timing Differences 28 Subtotal - Form 1 p274, line 2, column (b) 107,049 (2,382) - 109,431 - 29 Wages & Salary Allocator - 0 1.00 1.00	
960F-XS EXCESS ADFIT 282 - PROTECTED 282.4 (2,382) - - Related to Excess ADIT on Plant Timing Differences 28 Subtotal - Form 1 p274, line 2, column (b) 107,049 (2,382) - 109,431 - 29 Wages & Salary Allocator 6 6 1.00 1.00	
28 Subtotal - Form 1 p274, line 2, column (b) 107,049 (2,382) - 109,431 - 29 Wages & Salary Allocator 100 1.00 1.00	
29 Wages & Salary Allocator 1.00	
30 Net Plant Allocator 1.00	
31 Total - sum cols. D-G 109,431 - 109,431 -	
A B C D F G H	
ADIT- 283 Total Non-Electric Transmission Plant Labor	
Line: or Excluded Related Related Related Justification	
32 911Q-DSIT ENTRY - NORMALIZED (619,679) - (619,679) - Electric operations DSIT	
33 960F-XS EXCESS ADFIT 283 - UNPROTECTED 283.1 (786) - (786) - Related to Excess ADIT on Non-Plant Timing Differences	
34 960F-XS EXCESS ADFIT 283 - UNPROTECTED 283.4 786 786 Related to Excess ADIT on Non-Plant Timing Differences	

34	960F-XS EXCESS ADFIT 283 - UNPROTECTED 283.4	786	786	-	-	-	Related to Excess ADIT on Non-Plant Timing Diff
35							
36							
37	Subtotal - Form 1 p276, line 9, column (b)	(619,679)	786	(620,465)	-	-	
38	Wages & Salary Allocator					1.00	
39	Net Plant Allocator				1.00		
40	Total - sum cols. D-G	(620,465)		(620,465)	-	-	

Page 2 of 2

Transource Pennsylvania, LLC Attachment 4b - Accumulated Deferred Income Taxes (ADIT) Worksheet (End of Year)

A description of each item and justification for the exclusion from or allocation to the Transmission function will be listed below. Dissimilar items with amounts exceeding \$100,000 will be listed separately.

Instructions for Account 190:

1. ADIT items related only to Non-Electric Utility Operations and excluded items are directly assigned to Column C

- 2. ADIT items related only to Transmission other than Plant-related items are directly assigned to Column D
- 3. ADIT items related to Plant and not in Columns C & D are included in Column E
- 4. ADIT items related to Labor and not in Columns C & D are included in Column F

А	В	С	D	F	G	н	

	ADIT-190	Total	Non-Electric	Transmission	Plant	Labor	
Line:			or Excluded	Related	Related	Related	Justification
1	520A PROVS POSS REV REFDS-A/L	2,222,938	-	2,222,938	-	-	Revenue Refund Timing Differences
2	601E INSURANCE PREMIUMS ACCRUED	(8,444)	-	(8,444)	-		Prepaid Insurance Timing Differences
3	ACCRD COMPANYWIDE INCENTV PLAN	3,713	-	-	-	3,713	Book Accrual Timing Differences
4	911Q-DSIT DSIT ENTRY - NORMALIZED	(125,934)	-	(125,934)	-	-	Electric operations DSIT
5	960F-XS EXCESS ADFIT 282 - PROTECTED 282.4	968	968	-	-	-	Gross-up on Excess ADIT related to Plant
6	283.4	(319)	(319)	-	-	-	Gross-up on Excess ADIT related to Plant
7							
8							
9							
10							
11	Subtotal - Form 1 p234, line 8, column (c)	2,092,923	648	2,088,561	-	3,713	
12	Wages & Salary Allocator					1.00	
13	Net Plant Allocator				1.00		
14	Total - sum cols. D-G	2,092,274		2,088,561	-	3,713	

Transource Pennsylvania, LLC Attachment 4b - Accumulated Deferred Income Taxes (ADIT) Worksheet (End of Year)

Instructions for Account 281/282/283:

1. ADIT items related only to Non-Electric Utility Operations and excluded items are directly assigned to Column C

2. ADIT items related only to Transmission other than Plant-related items are directly assigned to Column D

3. ADIT items related to Plant and not in Columns C & D are included in Column E

4. ADIT items related to Labor and not in Columns C & D are included in Column F

	А	В	С	D	F	G	н
	ADIT- 281	Total	Non-Electric	Transmission	Plant	Labor	
Line:			or Excluded	Related	Related	Related	Justification
15							
16							
17	Subtotal - Form 1 p273, line 8, column (k)	-	-	-	-	-	
18	Wages & Salary Allocator					1.00	
19	Net Plant Allocator				1.00		
20	Total - sum cols. D-G	-		-	-	-	
21	Wages & Salary Allocator					1.00	
22	Net Plant Allocator				1.00		
23	Total - sum cols. D-G	-		-	-	-	
	А	В	С	D	F	G	Н
	ADIT- 282	Total	Non-Electric	Transmission	Plant	Labor	
Line:			or Excluded	Related	Related	Related	Justification
24	230A NORMALIZED BK VS TAX DEPR	81,080	-	-	81,080	-	Related to Capitalized Plant Timing Differences
25	280A EXCESS TX VS S/L BK DEPR	-	-	-	-	-	Related to Capitalized Plant Timing Differences
26	310A AOFUDC	24,305	-	-	24,305	-	Related to Capitalized Interest Timing Differences
27	712K CAPITALIZED SOFTWARE COST-BOOK	70,146	-	-	70,146	-	Related to Capitalized Software Timing Differences
28	380J INT EXP CAPITALIZED FOR TAX	(376)	-	-	(376)		Related to Capitalized Interest Timing Differences
29	712L CAPITALIZED SOFTWARE COST-BOOKS	(21,397)	-	-	(21,397)		Related to Capitalized Software Timing Differences
30	960F-XS EXCESS ADFIT 282 - PROTECTED 282.1	2,382	-		2,382		Related to Excess ADIT on Plant Timing Differences
31	960F-XS EXCESS ADFIT 282 - PROTECTED 282.4	(2,382)	(2,382)	-	-,		Related to Excess ADIT on Plant Timing Differences
32	Subtotal - Form 1 p275, line 2, column (k)	153,757	(2,382)	-	156,139	-	
33	Wages & Salary Allocator	100,101	(2,002)		100,100	1.00	
34	Net Plant Allocator				1.00		
35	Subtotal - sum cols. D-G	156,139		-	156,139	-	
36	Less: IRS Proration Adjustment - Att. 4C, line 19	33,381			33,381		
37	Total - sum cols. D-G	122,758	-	-	122,758		
0.		122,100			122,100		
	А	В	С	D	F	G	н
	ADIT- 283	Total	Non-Electric	Transmission	Plant	Labor	
Line:		rotar	or Excluded	Related	Related	Related	Justification
38	911Q-DSIT DSIT ENTRY - NORMALIZED	(599,683)	SI EXOIDADO	(599,683)	riciatod		Electric operations DSIT
39	283.1	(786)		(786)			Related to Excess ADIT on Non-Plant Timing Differences
40	283.4	786	786	(700)			Related to Excess ADIT on Non-Plant Timing Differences
41	200.7	100	700				
42							
43							
43	Subtotal - Form 1 p277, line 9, column (k)	(599,683)	786	(600,469)	-	-	
44	Wages & Salary Allocator	(355,003)	700	(000,409)	-	- 1.00	
45 46	Net Plant Allocator				1.00	1.00	
40 47	Total - sum cols. D-G	(600,469)		(600,469)	-	-	
47	Total - Sulli COIS. D-G	(000,409)		(000,469)	-	-	

Page 2 of 2

Transource Pennsylvania, LLC Attachment 4c - Proration of Property-Related Accumulated Deferred Income Taxes

Note: This workpaper documents the calculation of the rate base adjustment to prorate forecasted activity in ADIT resulting from the use of accelerated tax depreciation on additions to plant in service required by IRS regulation Section1.167(I)-I(h)(6)(ii) when preparing forecasted rates. This worksheet is not used during Annual True-Ups. The adjustment on line 21 is included on Attachment 4b as a reduction to the ending forecasted ADIT balance of ADIT Account 282.

Calculation of Account 282 monthly forecasted activity for Proratable balances

		Source	
1	Rate Year ending balance	Attachment 4b, line 32 Column B	81,080
2	Rate Year beginning balance	Attachment 4a, line 28 Column B	18,890
3	Annual forecasted change	Line 1 less Line 2	62,190
4	Monthly forecasted change	Line 3 / 12	5,183

	(A)	F	(B) Proratable		(C)	(D)	(E)	(F)		(G)		(H)
		De	eferred Tax	D	eferred Tax		Number of Days					
Line	Future Test Period		Activity		Balance	Days in Month	Left in Period	Proration Amount	F	Prorated Item	Pror	ated Balance
5	Beginning Balance	\$	18,890	\$	18,890		365	100.00%	\$	18,890	\$	18,890
6	January (line 4)	\$	5,183	\$	24,073	31	335	91.78%	\$	4,757	\$	23,647
7	February	\$	5,183	\$	29,255	28	307	84.11%	\$	4,359	\$	28,006
8	March	\$	5,183	\$	34,438	31	276	75.62%	\$	3,919	\$	31,925
9	April	\$	5,183	\$	39,620	30	246	67.40%	\$	3,493	\$	35,417
10	May	\$	5,183	\$	44,803	31	215	58.90%	\$	3,053	\$	38,470
11	June	\$	5,183	\$	49,985	30	185	50.68%	\$	2,627	\$	41,097
12	July	\$	5,183	\$	55,168	31	154	42.19%	\$	2,187	\$	43,284
13	August	\$	5,183	\$	60,350	31	123	33.70%	\$	1,746	\$	45,030
14	September	\$	5,183	\$	65,533	30	93	25.48%	\$	1,320	\$	46,350
15	October	\$	5,183	\$	70,715	31	62	16.99%	\$	880	\$	47,231
16	November	\$	5,183	\$	75,898	30	32	8.77%	\$	454	\$	47,685
17	December	\$	5,183	\$	81,080	31	1	0.27%	\$	14	\$	47,699
18	Ending Balance			\$	81,080						\$	47,699
19	Proration Adjustment	- Line	e 18 Col. (H) le	ess C	ol. (C)						\$	(33,381)

Attachment 5 Return on Rate Base Worksheet Transource Pennsylvania, LLC

RETURN ON RATE BASE (R)

					\$			
1	Long Term Debt Interest (117	, sum of 62.c - 67.c) Note D)		1,917,398			
2	Preferred Dividends (118.29c)) (positive number)			-			
3	Proprietary Capital (Line 25 (c))			37,120,427			
4	Less Preferred Stock (line 25 ((b))			-			
5	Less Account 216.1 Undistrib	uted Subsidiary Earnings (L	Line 25(d))		-			
6	Less Account 219 Accum. Oth	her Comprehensive Income	(Line 25(e))		-			
7	Common Stock	(Sum of Lines 3 throug	h 6)		37,120,427	-		
					\$	%	Cost	Weighted
8	Long Term Debt	Line 25 (a), Note A and	d Attachment H-29A	Note Q	43,000,000	53.67%	4.81%	2.58% =WCLTD
9	Preferred Stock	Line 25 (b), Note B and			-	0.00%	0.00%	0.00%
10	Common Stock	Line 7, Note C and Att	tachment H-29A Note	es Q and T	37,120,427	46.33%	10.40%	4.82%
11	Total	(Sum of Lines 8 throug	h 10)		80,120,427			7.40% =R
		(a)	(b)	(c)	(d)	(e)		
		Long Term Debt	Preferred Stock	Proprietary Capital	Undistributed Sub Earnings 216.1	Accum Other Comp. Income 219		

		Long Term Debt	Preferred Stock	Proprietary Capital	Earnings 216.1	Comp. Income 219
	Monthly Balances for Capital Structure	(112.18-21.c)	(112.3.c)	(112.16.c)	(112.12.c)	(112.15.c)
12	December (prior year)	43,000,000	-	35,279,995	-	-
13	January	43,000,000	-	35,653,341	-	-
14	February	43,000,000	-	36,027,685	-	-
15	March	43,000,000	-	36,403,184	-	-
16	April	43,000,000	-	36,777,170	-	-
17	May	43,000,000	-	37,151,911	-	-
18	June	43,000,000	-	37,527,465	-	-
19	July	43,000,000	-	37,910,658	-	-
20	August	43,000,000	-	38,295,079	-	-
21	September	43,000,000	-	38,680,257	-	-
22	October	43,000,000	-	39,066,808	-	-
23	November	43,000,000	-	39,454,669	-	-
24	December	43,000,000	-	34,337,327	-	-
25	13 Month Average	43,000,000	-	37,120,427	-	-

Notes

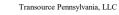
A Long Term debt balance will reflect the 13 month average of the balances, of which the 1st and 13th are found on page 112 lines 18.c to 21.c in the Form No. 1, the cost is calculated by dividing line 1 by the Long Term Debt balance on line 8.

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

D Long Term debt interest is the sum of Form 1 page 117 lines 62-67.c, with 65-66.c entered as negative numbers. If the Company has any short term debt with associated companies, the interest on that short term debt recorded in Account 430 will be excluded. The portion of interest in Account 430 related to any long term debt to associated companies will be included.

Attachment 6 Interest on True-Up





Note A - Projected ATRR for the true-up year from Page 1, Line 1 of Projection Attachment H-29A minus Line 6 of Projection Attachment H-29A. Note B - Actual Net ATRR for the true-up year from Page 1, Line 10 of True-Up Attachment H-29A.

Interest Rate on Amount of Ro	efunds or Surcharges	Over (Under) Recovery Plus Interest	Monthly Interest Rate on Attachment 6a 0.274%	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed		
An over or under collection wi	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 2021	539,065.94	0.274%	12	(17,708.32)		(556,774.25)		
February	Year 2021	539,065.94	0.274%	11	(16,232.62)		(555,298.56)		
March	Year 2021	539,065.94	0.274%	10	(14,756.93)		(553,822.87)		
April	Year 2021	539,065.94	0.274%	9	(13,281.24)		(552,347.17)		
May	Year 2021	539,065.94	0.274%	8	(11,805.54)		(550,871.48)		
June	Year 2021	539,065.94	0.274%	7	(10,329.85)		(549,395.79)		
July	Year 2021	539,065.94	0.274%	6	(8,854.16)		(547,920.09)		
August	Year 2021	539,065.94	0.274%	5	(7,378.47)		(546,444.40)		
September	Year 2021	539,065.94	0.274%	4	(5,902.77)		(544,968.71)		
October	Year 2021	539,065.94	0.274%	3	(4,427.08)		(543,493.02)		
November	Year 2021	539,065.94	0.274%	2	(2,951.39)		(542,017.32)		
December	Year 2021	539,065.94	0.274%	1	(1,475.69)		(540,541.63)		
					(115,104.05)		(6,583,895.29)		
	Year 2022	(6 592 995 29)	0.274%	10	Annual		(6.000.150)		
January through December	Year 2022	(6,583,895.29)	0.2/4%	12	(216,281)		(6,800,176)		
Orion (Under) Becovery Blue I	nterest Amortized and Recover	ad Over 12 Months			Monthly				
January	Year 2023	6.800.176.25	0.274%		(18,615.48)	576,815.28	(6,241,976.46)		
February	Year 2023	6,241,976.46	0.274%		(17,087.41)	576,815.28	(5,682,248.59)		
March	Year 2023	5,682,248.59	0.274%		(15,555.16)	576,815.28	(5,120,988.47)		
April	Year 2023	5,062,248.59	0.274%		(14,018.71)	576,815.28	(4,558,191.90)		
May	Year 2023	4,558,191.90	0.274%		(12,478.05)	576,815.28	(3,993,854.67)		
June	Year 2023	3,993,854.67	0.274%		(10,933.18)	576,815.28	(3,427,972.58)		
July	Year 2023	3,427,972.58	0.274%		(9,384.07)	576,815.28	(2,860,541.37)		
August	Year 2023	2,860,541.37	0.274%		(7,830.73)	576,815.28	(2,200,541.57)		
September	Year 2023	2,300,341.37	0.274%		(6,273.14)	576,815.28	(1,721,014.69)		
October	Year 2023	1,721,014.69	0.274%		(4,711.28)	576,815.28	(1,148,910.69)		
November	Year 2023	1,148,910.69	0.274%		(3,145.14)	576,815.28	(1,148,910.09) (575,240.56)		
December	Year 2023	575,240.56	0.274%		(1,574.72)	576,815.28	(0.00)		
December	1 ear 2025	575,240.30	0.274%		(1,574.72)	570,815.28	(0.00)		
					(121,007.07)				
Total Amount of True-Up Adjus	tment				\$	(6,921,783)			
Less Over (Under) Recovery	ament				3 S	6,468,791			
Total Interest					3 S	(452,992)			
i otai interest					\$	(432,992)			

Attachment 6a True-Up Interest Rate Calculation Transource Pennsylvania, 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	3.25%
2	Rate Year February	3.25%
3	Rate Year March	3.25%
4	Rate Year April	3.25%
5	Rate Year May	3.25%
6	Rate Year June	3.25%
7	Rate Year July	3.25%
8	Rate Year August	3.25%
9	Rate Year September	3.25%
10	Rate Year October	3.25%
11	Rate Year November	3.25%
12	Rate Year December	3.25%
13	Rate Year Plus 1 January	3.25%
14	Rate Year Plus 1 February	3.25%
15	Rate Year Plus 1 March	3.25%
16	Rate Year Plus 1 April	3.25%
17	Rate Year Plus 1 May	3.25%
18	Rate Year Plus 1 June	3.25%
19	Rate Year Plus 1 July	3.60%
20	Rate Year Plus 1 August	3.60%
21	Average rate	3.29%
22	Monthly Average rate	0.27%

Note A - Lines 1-20 are the FERC interest rates under section 35.19a of the regulations for the period shown. Line 21 is the average of lines 1-20.

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

Calculation of PBOP Expenses

Line No. 1			AEP (a) Year Ended December 31, 2015	KCP&L (b) Year Ended December 31, 2015	Total (c) = (a+b)
2	Total PBOP expenses, corporate parent companies	Note A	-\$92,333,868	\$8,386,137	
3	Amount relating to retired personnel	Note A	-\$46,186,984	\$3,469,667	
4	Amount allocated on Labor	Line 2 less line 3	-\$46,146,884	\$4,916,470	
5	Labor dollars	Note B	\$1,573,181,281	\$191,733,310	
6	Cost per labor dollar	Line 4 divided by line 5	-\$0.029	\$0.026	
7	Labor (labor not capitalized) current year	Note C	148,026	-	
8	PBOP Expense Allowed for current year	Line 6 times line 7	(4,342)	-	(4,342)
9					
10	Actual PBOP in Company's O&M and A&G expense account	ts in Form No. 1			-

Notes

A Amounts on lines 2-3 reflect data from the 2015 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 reflect the actual AEP and KCP&L straight-time labor, including both capitalized and expensed labor, loaded for non-productive load. KCP&L's labor is \$243,676,962, as provided on the 2015 FERC Form 1 on page 354.96.d, less \$51,943,652 of labor dollars associated with the Wolf Creek Nuclear Facility.

C The labor in line 7 is the total labor excluding capitalized labor charged by an AEP affiliate or KCP&L affiliate to the Company in the year.

Attachment 8

Cost of Debt Prior to Issuing Non-Construction Financing Transource Pennsylvania, LLC

ransource remisyrvama,

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-29A.

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

If construction financing has been obtained, the cost of debt prior to 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)	4.60%
2	Rate Year Debt Fee expense - Line 35 (e)	0.21%
3	Total Cost of Debt	4.81%
	Interest Rate Information	
4	Interest Rate Information Commitment Fee Rate (%)	0.08%

	Month During Rate Year	Total Loan Amount (\$000)	Principal Drawn (\$000)	Unutilized Loan Balance (\$000)	Commitment Fee (\$000)		Effective Annual Interest Rate (%)
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
6	December Prior Year	154,170	43,000	111,170	6.95	145	
7	January	154,170	43,000	111,170	6.95	145	
8	February	154,170	43,000	111,170	6.95	145	
9	March	154,170	43,000	111,170	6.95	145	
10	April	154,170	43,000	111,170	6.95	145	
11	May	154,170	43,000	111,170	6.95	145	
12	June	154,170	43,000	111,170	6.95	145	
13	July	154,170	43,000	111,170	6.95	145	
14	August	154,170	43,000	111,170	6.95	145	
15	September	154,170	43,000	111,170	6.95	145	
16	October	154,170	43,000	111,170	6.95	145	
17	November	154,170	43,000	111,170	6.95	145	
18	December	154,170	43,000	111,170	6.95	145	
19	Average of the 13 Monthly Balances		43,000		90.33	1,887	4.60%

Example Fee Calculation - All amounts represent actual rate year expenses. (a) (b) (c) (d) (e) (f) (g) Rate Year Amortized Fee Prior Years Unamortized Gross Fee Amount Fee Amortization Amount, col. b / col. Accumulated Fee Balance - End of **Origination Fees** Rates/Fees (\$000) Year Fee Incurred Rate Year period (years) Amortization 20 Underwriting Discount 21 Arrangement Fee 77 2022 26 51 0 22 Upfront Fee 154 2022 51 0 103 23 Rating Agency Fee 0 -24 Legal Fees 0 25 Other 231 154 26 Total Issuance Expense / Origination Fees 77

27								
28	Annual Fees							
29	Annual Rating Agency Fee			2020	N/A	-	N/A	N/A
30	Annual Bank Agency Fee		15	2022	N/A	15	N/A	N/A
31	Utilization Fee			2020	N/A	-	N/A	N/A
32	Other Fees				N/A	-	N/A	N/A
33	Total Fees		246			92	-	154
34	13 Month Average Debt balance - Line 19 (c)					43,000		
35	Rate Year cost of fees					0.21%		
36	Proxy interest rate. Used prior to issuance of construction financing and	d supported in initial section 205 filing.		2.98%				

Notes

27

A Projected rate will be Average LIBOR for rate year + spread. 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	3.18%
Spread	0.88%
Total	4.05%

Attachment 9 True-up - Construction Financing Cost of Debt Transource Pennsylvania, 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-29A.

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) - Note A	-
2	Line of Credit Fees (68.c)	-
3	Total Interest and Fees	-

13 Month Average Long-Term Debt - Note B

	Month During Rate Year	Long Term Debt
	(a)	(d)
4	December Prior Year	-
5	January	-
6	February	-
7	March	-
8	April	-
9	May	-
10	June	-
11	July	-
12	August	-
13	September	-
14	October	-
15	November	-
16	December	-
17	Average of the 13 Monthly Balances	

18 True-Up Cost of Debt (Line 3 / Line 17)

#DIV/0!

Notes

- A Long Term debt interest is the sum of Form 1 page 117 lines 62-67.c, with 65-66.c entered as negative numbers. If the Company has any short term debt with associated companies, the interest on that short term debt recorded in Account 430 will be excluded. The portion of interest in Account 430 related to any long term debt to associated companies will be included.
- B 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 3 by the Long Term Debt balance on line 17.

Attachment 10 Depreciation Rates Transource Pennsylvania, 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)
TRANSM	<u>IISSION 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>GENERA</u>	AL PLANT						
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%
INTANC	IBLE PLANT						
303	Miscellaneous Intangible Plant	5					20.00%

Notes

A The proposed transmission and general plant depreciation rates were determined using the same depreciation study utilized by Appalachian Power Company 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 or Corrections Transource Pennsylvania, LLC

			(a)	(b) Calendar Year
			Revenue	
Line			Impact of	Revenue
No.	Description	Source	Correction	Requirement
<u>INO.</u>	Description	Source	Conection	Kequireinent
1	Filing Name and Date			Rate Formula Template - Attachment H-29A Filed 6/30/2021
2	Original Revenue Requirement			4,335,371
3	onginar reconse reclamenters			.,,
4				(125.200)
	Equity cap structure correction beginning June 2020			(435,286)
5	Description of Correction 2			
6	Total Corrections	Line 4 + 5		(435,286)
/	Total Collections	Line 4 ± 5		(433,280)
8 9	Corrected Revenue Requirement	line 2 + 7		3,900,085
10	Concerca Revenue Requirement	Inter $2 + 7$		5,200,085
10				
11	Total Corrections	Line 7		(435,286)
12				(155,200)
13	Average Monthly FERC Refund Rate	Note A		0.30%
15	Number of Months of Interest	Note B		42
16	Interest on Correction	Line 12 x 14 x 15		(55,075)
17				(22,072)
18	Total Annual Refunds Due to Customers	Line 12+16		(490,361)

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 Pennsylvania, LLC

Line No.	_(Note 1) Account 454 - Rent from Electric Property	Source	(a) Company Total	(b) Less: Non Transmission	(c) = (a)- (b) Transmission- related
2	Joint pole attachments - telephone	Company books	Company Totai	1141151111551011	Telateu
2	Joint pole attachments - telephone	Company books	-	-	-
4	Underground rentals	Company books	-	-	-
4 5	Transmission tower wireless rentals	Company books	-	-	-
6	Other rentals	Company books	-	-	-
7	Other rentals		-	-	-
8	Account 454 Revenue Credit	Company books Form 1 300.19.b	-	-	-
	Account 456.0 Other Operating Revenues				
9	Other	Company books	-	-	-
10	Other	Company books	-	-	-
11	Account 456.0 Revenue Credit	Form 1 300.21.b	-	-	-
	Account 456.1 Revenues from Transmission of Electricity for Others				
12	PJM NITS	Company books	-	-	-
13	PJM Point to Point	Company books	-	-	-
14	Over/Under recovery deferral	Company books	-	-	-
15	Other PJM revenues	Company books	8,319,050	-	8,319,050
16	Other	Company books	_	-	-
17	Total Per Books	Form 1 330.n	8,319,050	-	8,319,050
18	Less: revenues received pursuant to this Formula Rate	Company books	8,319,050		8,319,050
19	Less: Over/Under recovery deferral	Company books			-
20	Account 456.1 Revenue Credit	(Line 17 - line 18 - line 19)	-	-	-
21	Total 456.0 and 456.1 Revenue Credits	(Line 11 + line 20)	-	-	-

Note 1 All 454, 456.0 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.

Attachment 13 Facility Credits under Section 30.9 of the PJM OATT Transource Pennsylvania, LLC

Line No.	Source	Amount
1 Facility Credits under Section 30.9 of the	ne PJM OATT	

Note: Under Section 30.9 of the PJM OATT, a network customer that owns existing transmission facilities that are integrated with the Transmission Provider's Transmission System may be eligible to receive consideration either through a billing credit or some other mechanism. Calculation of any credit under this subsection, pursuant to an approval by FERC for inclusion in this formula rate for collection on behalf of the network customer, shall be addressed in either the Network Customer's Service Agreement or any other agreement between the Parties.