Rate Formula Template - Attachment H-29A Utilizing FERC Form 1 Data Transource Pennsylvania, LLC For the 12 months ended 12/31/2021 Formula Rate - Non-Levelized

Line No.	GROSS REVENUE REQUIREMENT, without incentives	(2) Source (page 3, line 49)	(3)		(4)	\$ (5) Allocated Amount 12,234,250
	REVENUE CREDITS	(Note A)	Total	Al	llocator	
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)		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 9, Col. G+H	(1,687,873)	DA	1.0000	(1,687,873)
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)				\$ 10,546,377

For the 12 months ended 12/31/2021

### Rate Formula Template - Attachment H-29A Utilizing FERC Form 1 Data

Transource Pennsylvania, LLC

(1)		(2)	(3)		(4)	(5) Transmission	
Line		Source	Company Total	Alloca	ntor	(Col 3 times Col 4)	
No.	RATE BASE: (Note R)	Note C					
1	GROSS PLANT IN SERVICE 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)	223,132	W/S	1.0000	223,132	
5	TOTAL GROSS PLANT	(Sum of Lines 1 through 4)	223,132	GP=	1.0000	223,132	
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)	87,057	W/S	1.0000	87,057	
11	TOTAL ACCUM. DEPRECIATION	(Sum of Lines 7 through 10)	87,057			87,057	
12	NET PLANT IN SERVICE						
13	Production	(line 1 - line 7)	-			-	
14	Transmission	(line 2 - line 8)	=			Ξ	
15	Distribution	(line 3 - line 9)	-			-	
16	General & Intangible	(line 4 - line 10)	136,075		4 0000	136,075	
17	TOTAL NET PLANT	(Sum of line 5 - line 11)	136,075	NP=	1.0000	136,075	
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)	(71,863)	NP	1.0000	(71,863)	
21	Account No. 283 (enter negative)	Attachment 4, Line 28, Col. (f) (Note D)	(110,886)	NP	1.0000	(110,886)	
22	Account No. 190	Attachment 4, Line 28, Col. (g) (Note D)	151,121	NP	1.0000	151,121	
23	Account No. 255 (enter negative)	Attachment 4, Line 28, Col. (h) (Note D)	-	NP	1.0000	-	
24 25	Unfunded Reserves (enter negative) CWIP	Attachment 4, Line 43, Col. (h)	121,140,099	DA DA	1.0000 1.0000	121,140,099	
25 26	Unamortized Regulatory Asset	Attachment 4, Line 14, Col. (d) (Note W) Attachment 4, Line 28, Col. (b) (Note E)	237,354	DA DA	1.0000	237,354	
27	Unamortized Abandoned Plant	Attachment 4, Line 28, Col. (b) (Note E) Attachment 4, Line 28, Col. (c) (Note F)	237,334	DA	1.0000	237,334	
28	TOTAL ADJUSTMENTS	(Sum of line 19 - line 27)	121,345,824	DII	1.0000	121,345,824	
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)	83,908			83,908	
32	Materials & Supplies	Attachment 4, Line 14, Col. (f)	=	TP	1.0000	-	
33	Prepayments (Account 165)	Attachment 4, Line 14, Col. (g)	23,990	GP	1.0000	23,990	
34	TOTAL WORKING CAPITAL	(Sum of line 31 - line 33)	107,898			107,898	
35	RATE BASE	(Sum of line 17, 28, 29, 34)	121,589,797			121,589,797	

Formula Rate - Non-Levelized

Rate Formula Template - Attachment H-29A

Utilizing FERC Form 1 Data
Transource Pennsylvania, LLC

Line	(1)	(2)	(3)		(4)	(5) Transmission
No.	_	Source	Company Total	Alloc	rator	(Col 3 times Col 4)
	O&M					
1	Transmission	321.112.b	522,171	TP	1.0000	522,171
2	Less Account 566 (Misc Trans Expense)	321.97.b	158,236	TP	1.0000	158,236
3	Less Account 565	321.96.b		TP	1.0000	-
4	A&G	323.197.b	310,168	W/S	1.0000	310,168
5	Less FERC Annual Fees	350.h (Note I)	-	W/S	1.0000	=
6	Less EPRI Dues	Note J	-	W/S	1.0000	=
7	Less Reg. Commission Expense Account 928	Note J	-	W/S W/S	1.0000	=
8	Less: Non-safety Advertising account 930.1	Note J		W/S W/S	1.0000	-
10	Less Actual PBOP Expense in Year Plus Transmission Related Reg. Comm. Exp.	Attachment 7, Line 10, Col. (c) Note K	-	TP	1.0000 1.0000	-
11	Plus PBOP Expense Allowed Amount	Attachment 7, Line 8, Col. (c)	(2,837)	W/S	1.0000	(2,837)
12	Plus Transmission Lease Payments in Acct 565	Note V	(2,837)	DA	1.0000	(2,637)
13	Account 566	Note v	-	DA	1.0000	=
14	Amortization of Regulatory Asset	Note E	158,236	DA	1.0000	158,236
15	Misc. Transmission Expense (less amort. of regulatory asset)	321.97b less line 14	138,230	TP	1.0000	150,250
16	Total Account 566	( Sum of line 14 - line 15)" Ties to 321.97b	158,236		1.0000	158,236
17	TOTAL O&M	(Sum of Lines 1, 4, 10, 11, 12, 16 less Lines 2, 3, 5-9)	829,502			829,502
1,	TOTAL OCK	(Sum of Lines 1, 4, 10, 11, 12, 10 less Lines 2, 3, 3 7)	027,302			027,302
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	42,236	W/S	1.0000	42,236
21	Amortization of Abandoned Plant	Note F	<del>-</del> -	DA	1.0000	=
22	TOTAL DEPRECIATION	(Sum of line 19 - line 21)	42,236			42,236
23	TAXES OTHER THAN INCOME TAXES (Note M)					
24 25	LABOR RELATED	263.i		W/S	1.0000	
26	Payroll Highway and vehicle	263.i 263.i		W/S W/S	1.0000	-
27	PLANT RELATED	203.1	-	W/S	1.0000	=
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)	-	0.	1.0000	-
33	INCOME TAXES (Note N)	Note N				
34	T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} * (1-TEP)	11016-11	28.89%			
35	CIT = (T/1-T) * (1-(WCLTD/R)) =	WCLTD = Page 4, Line 15, R = Page 4, Line 18	37.23%			
36	FIT & SIT & P					
37						
38	1/(1 - T) = (from line 34)	1 / (1 - T), T from Line 34	140.63%			
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)	3,082,783	NA		3,082,783
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)	3,082,783			3,082,783
47	RETURN					
48	Rate Base times Return	(Page 2, line 35 times Page 4, Line 18)	8,279,729	NA		8,279,729
49	GROSS REVENUE REQUIREMENT	(Sum of line 17,22, 32, 46, 48)	12,234,250			12,234,250

Formula Rate - Non-Levelized

17 18 Total

19 20

21

Common Stock

REVENUE CREDITS

ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY)

ACCOUNTS 456.0 AND 456.1 (OTHER ELECTRIC REVENUES) Attachment 12, line 21 (Note A)

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

60.0%

59,025,939

117,325,939

10.40%

For the 12 months ended 12/31/2021

6.24%

6.81%

	(1)	(2)	(3)		(4)	(5)
		SUPPORTING CALCULATIONS AND NOTE	S			
Line No. 1 2 3 4	TRANSMISSION PLANT INCLUDED IN ISO RATES  Total Transmission plant Less Transmission plant excluded from ISO rates Less Transmission plant included in OATT Ancillary Service rates  Transmission plant included in ISO rates	(Page 2, Line 2, Column 3) (Note P) (Note S) (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)					
7 8 9 10 11	Production Transmission Distribution Other Total (W& S Allocator is 1 if lines 7-10 are zero)	Form 1 Reference 354.20.b 354.21.b 354.23.b 354.24,25,26.b (Sum of line 7 - line 10)	\$ - - -	TP - 1.0000	Allocation	W&S Allocator (\$ / Allocation) 1.00000 WS
12 13 14	RETURN (R)	_	\$	%	Cost	\$ Weighted
15 16	Long Term Debt Preferred Stock (112.3.c)	Attachment 5, (Notes Q & R) Attachment 5, (Notes Q & R)	58,300,000	40.0% 0.0%	1.42% 0.00%	0.57% 0.00%

Attachment 12, line 8 (Note U)

(Sum of line 15 - line 17)

Attachment 5, (Notes Q, R, and T)

Formula Rate - Non-Levelized Rate Formula Template - Attachment H-29A For the 12 months ended 12/31/2021 Utilizing FERC Form 1 Data

Transource Pennsylvania, LLC

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)

- 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.
- Company will not have any grandfathered agreements. Therefore, this line shall remain zero.
- Plant In Service, Accumulated Depreciation, and Depreciation Expenses shall exclude Asset Retirement Obligation amounts.
- 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(l)-1(h)(6)(ii) of the IRS regulations.
- 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.
- 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
- Identified in FERC Form 1, or Company records if not so indicated on the FERC Form 1, as being transmission related.
- 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.
- 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.
- 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
- Page 3, Line 8-Add back Regulatory Commission Expenses directly related to transmission service, ISO filings, or transmission siting itemized at 351.h.
- 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 to year. Items not specifically identified on the FERC Form 1 page 263 will be obtained from Company books and records.
- 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).

21.00% (Federal Income Tax Rate) Inputs Required: 9.99% (State Income Tax Rate or Composite SIT) 0.0% (percent of federal income tax deductible for state purposes) TEP: 0.0% (percent of the tax exempt ownership)

- 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.
- 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).
- 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, subject to any project-specific limitations refeleted on Attachment 1 Project Pavanue Paguirament Worksheat
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.

- 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.
- ROE will be supported in the original Section 205 filing and no change in ROE may be made absent a filing with FERC.
- Includes only income related to transmission facilities, such as pole attachments, rentals and special use from general ledger.
- 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.
- 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	121,140,099 121,140,099	
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)	829,502 0.68%	0.68%
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)	42,236 0.03%	0.03%
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		0.72%
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)	3,082,783 2.54%	2.54%
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)	8,279,729 6.83%	6.83%
16	Annual Allocation Factor for Return	Sum of line 13 and 15	9.38%	9.38%

### 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			RTEP Project Number Or Other		Annual Allocation Factor for	Annual Expense	Project Net	Annual Allocation Factor for	Annual Return
No.	Project Name	PJM Category	Identifier	Project Gross Plant	Expense	Charge	Plant	Return	Charge
								(Page 1 line	(Col. 6 * Col.
				(Note D)	(Page 1 line 11)	(Col. 3 * Col. 4)	(Note E)	16)	7)
1a	PJM Market Efficie	enc Schedule 12	b2743.5, b2743.1, b2752.5, b2752.1	121,140,099	0.007	871,738	\$ 121,140,099	0.094	11,362,513
1b				-	0.007	-	\$ -	0.094	-
2	Total Schedule 12			121,140,099		871,738	\$ 121,140,099		11,362,513
_									
3a		Zonal		-	0.007	-	\$ -	0.094	-
3b				-	0.007	-	\$ -	0.094	-
4	Total Zonal			=		-	\$ -		-
_					ı				
5	Other								
	A			121 140 000		971 729	121 140 000		11 262 512
6	Annual Totals			121,140,099		871,738	121,140,099		11,362,513

- 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" 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 applicable concession or other revenue requirement reduction reflected in this column.
- 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 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
	(Note F)	(Sum Col. 5, 8 & 9)	(Note G)	(Attachment 2, Line 28 Incentive Return * Col. 6)	(Sum Col. 10 & 12)	(Note H)	(Sum Col. 10 & 12 Less Col. 13)	(Note I)	Sum Col. 14 & 15
1a 1b	-	12,234,250	-		12,234,250	- -	12,234,250	(1,687,873)	10,546,377
2 3a		12,234,250	_	-	12,234,250	-	12,234,250	(1,687,873)	10,546,377
3b	-	-	-	-	-	-	-	-	-
4	-	-		-	-	-	-	-	-
5									-
6	-	12,234,250		-	12,234,250	-	12,234,250	(1,687,873)	10,546,377

- 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.
- 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.
- Requires approval by FERC of incentive return applicable to the specified project(s).
- 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 nonconstruction 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
- True-Up Adjustment is calculated on the Project True-up Schedule for the relevant true-up year.

### Attachment 2 Incentive ROE Transource Pennsylvania, LLC

1	Rate Base	Attachment H-29A, page 2, line 35, Col.5						121,589,797
2	100 Basis Point Incentive Re	turn					\$	
				Φ.	0/	Cost	*** * 1 . 1	
			Source	\$	%		Weighted	
3	Long Term Debt	(Notes Q & R from Attachment H-29A)		58,300,000	40.0%	1.42%	0.57%	
4	Preferred Stock	(Notes Q & R from Attachment H-29A)	G	-	0.0%	0.00%	0.00%	
_			Cost = Attachment H-29A, page 4, Line		40.0			
5	Common Stock	(Notes Q, R, & T from Attachment H-29A)	17, Cost plus 100 bp	59,025,939	60.0%	11.40%	6.84%	
6	Total (sum lines 3-5)			117,325,939			7.41%	
7	100 Basis Point Incentive Re	turn multiplied by Rate Base (line 1 * line 6)						9,009,268
	D. C.							
9		$\Gamma$ )] / (1 - SIT * FIT * p)} = * (1-TEP)		0.2889				
10	CIT=(T/1-T) * (1-(WCLT	D/R)) =		0.3751				
11	WCLTD = Line 3							
12		given in Attachment H-29A footnote N.		1 10.00				
13	1/(1-T) = (from line 9)	,		1.4063				
	Amortized Investment Tax C	, , , ,	Attachment H-29A, Page 3, Line 39	-				
	Excess Deferred Income Taxo	· · · · · · · · · · · · · · · · · · ·	Attachment H-29A, Page 3, Line 40	-				
16	Tax Effect of Permanent Diff	` '	Attachment H-29A, Page 3, Line 41	-				
17	Income Tax Calculation = lin						3,379,205	
	ITC adjustment (line 13 * line			-	NP	1.00	-	
		Adjustment (line 13 * line 15)		-	NP	1.00	-	
20	Permanent Differences Tax A	•			NP	1.00	<u>-</u>	
21	Total Income Taxes (sum line	es 17 - 20)					3,379,205	3,379,205
22	Return and Income Taxes wit	th 100 basis point increase in ROE	(line 7 + line 21)					12,388,473
			(					,,
23	Return (Attach. H-29A, pag	ge 3 line 48 col 5)						8,279,729
	Income Tax (Attach. H-29A	· · · · · · · · · · · · · · · · · · ·						3,082,783
	,	thout 100 basis point increase in ROE	(line 23 + line 24)				_	11,362,513
		ne Taxes for 100 basis point increase in ROE	(line 22 - line 25)					1,025,960.24
	Rate Base (line 1)	1	,					###########
28	Incremental Return and Incor	ne Taxes for 100 basis point increase in ROE div	rided by Rate Base					0.0084
		1	•					

- 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.

### 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:	<u>-</u>			Projected True-U	p Year Revenue	True-Up Year Revenue	Actual True-Up Year				
1	True-Up Year			Requirement	Calculation	Received <sup>1</sup>	Revenue Req.	Revenue Req. Annual True-Up Calcula			
2	0					\$ 4,004,649					
	A		В	C	D	Е	F	G	Н	I	J
					% of	Allocation of			True-Up		i l
			Project #		Total	Revenue	True-Up	Net	Interest	Prior Period	i l
			Or Other	Net Revenue	Revenue	Received	Net Revenue	Under/(Over)	Income	Adjustment with	Total True-Up
	Project Name	PJM Category	Identifier	Requirement <sup>2</sup>	Requirement	(E, Line 2 ) x (D)	Requirement <sup>3</sup>	Collection (F)-(E)	(Expense)4	Interest 5	(G) + (H) + (I)
3	Remaining Attachment H-29A			-	0.0%	-	-	-	-	-	-
											i l
4a	PJM Market Efficiency Project 9A	Schedule 12	b2743.5, b2743.1, b2752.5, b2752.1	4,004,649	100.0%	4,004,649	2,482,098	(1,522,551)	(165,322)	-	(1,687,873)
4b				-	0.0%	-	-	-	-	-	-
5	Total Schedule 12			4,004,649		4,004,649	2,482,098	(1,522,551)	(165,322)	-	(1,687,873)
											i l
6a		Zonal		-	0.0%	-	-	-	-	-	-
6b				-	0.0%	-	-	-	-	-	-
7	Total Zonal			-		-	-	-	-	-	i -
											i
8	Other										i l
	T-11 12 2			1 00 1 5 10	100.00/	1.001.510	2 102 000	(1.500.551)	(1.55.222)		(1.607.072)
9	Total Annual Revenue Requirements			4,004,649	100.0%	4,004,649	2,482,098	(1,522,551)	(165,322)	-	(1,687,873)
10							Total Interest on True	Un Attachment 6	(165,322)	ſ	
10							rotal interest on True	-op - Attachment o	(105,322)	4	

### Prior Period Adjustment

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

- 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	

Line		Gross Plan	nt In Service	CWIP	LHFFU	Workin	g Capital	Accumulate	ed 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		217,785	58,067,810	-		- 23,990	-	66,158
2	January		216,865	68,201,082	-		- 23,990	-	69,598
3	February		217,340	78,640,885	-		- 23,990	-	73,024
4	March		218,851	88,533,130	-		- 23,990	-	76,457
5	April		220,358	99,012,307	-		- 23,990	-	79,916
6	May		221,774	108,762,698	-		- 23,990	-	83,399
7	June		223,104	118,590,385	-		- 23,990	-	86,907
8	July		224,347	129,600,350	-		- 23,990		90,436
9	August		225,589	143,481,657	-		- 23,990	-	93,986
10	September		226,832	154,534,337	-		- 23,990	-	97,557
11	October		228,067	164,550,164	-		- 23,990	-	101,149
12	November		229,294	175,387,181	-		- 23,990	-	104,761
13	December		230,511	187,459,296	-		- 23,990	-	108,394
14	Average of the 13 Monthly Balances		223,132	121,140,099	-	-	23,990	-	87,057

### Adjustments to Rate Base

Line No	Month (a) (Note A)	Unamortized Regulatory Asset (b) Note C	Unamortized Abandoned Plant (c) Note D	Account No. 281 Accumulated Deferred Income Taxes (Note E) (d) Att. 4a & Att. 4b	Account No. 282 Accumulated Deferred Income Taxes (Note E) (e) Att. 4a & Att. 4b	Account No. 283 Accumulated Deferred Income Taxes (Note E) (f) Att. 4a & Att. 4b	Account No. 190 Accumulated Deferred Income Taxes (Note E) (g) Att. 4a & Att. 4b	Account No. 255 Accumulated Deferred Investment Credit (h) Consistent with 266.8.b & 267.8.h
15	December Prior Year	316,472	-	-	72,566	127,443	149,221	-
16	January	303,285	-					-
17	February	290,099	-					-
18	March	276,913	_					-
19	April	263,726	-					-
20	May	250,540	_					-
21	June	237,354	-					-
22	July	224,167	_					-
23	August	210,981	-					-
24	September	197,795	-					-
25	October	184,608	-					-
26	November	171,422	-					-
27	December	158,236	-	=	71,160	94,329	153,021	-
28	Average of the 13 Monthly Balances	237,354	-	-	71,863	110,886	151,121	-

### 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	58,067,810	-	-	58,067,810					
30	January	68,201,082	-	-	68,201,082					
31	February	78,640,885	-	-	78,640,885					
32	March	88,533,130	-	-	88,533,130					
33	April	99,012,307	-	-	99,012,307					
34	May	108,762,698	-	-	108,762,698					
35	June	118,590,385	-	-	118,590,385					
36	July	129,600,350	-	-	129,600,350					
37	August	143,481,657	-	-	143,481,657					
38	September	154,534,337	-	-	154,534,337					
39	October	164,550,164	-	-	164,550,164					
40	November	175,387,181	-	-	175,387,181					
41	December	187,459,296	-	-	187,459,296					
		121,140,099	-	-	121,140,099					
	Unfunded Reserves (Notes A and F through H)									
	(a)	(b)	(b.i)	(b.ii)	(c)	(d)	(e)	(f)	(g)	(h)
							Enter 1 if the accrual account			
						Enter 1 if NOT in a trust or	is included in the formula	for by customers less the		Amount Allocated,
			FERC balance sheet				rate, enter (0) if the accrual			col. c x col. d x
				FERC income statement account		included in a trust or reserved	account is NOT included in		Allocation (Plant or Labor	
	List of all reserves:		recorded	where reserves are recorded	Amount	account	the formula rate	balance sheet (Note H)	Allocator)	col. g
42a		Reserve 1	-	-	-	-	-	-	-	-
42b		Reserve 2	-	-	-	-	-	-	-	<u>-</u>
43		Total			-					-

- A Calculate using 13 month average balance, except ADIT which is calculated as described in Note E.
- 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 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(1)-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 in whole or in part.
- 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.

### 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

	Α	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	140,374		140,374	-	-	Revenue Refund Timing Differences
2	601E INSURANCE PREMIUMS ACCRUED	(3,857)		(3,857)	-		Prepaid Insurance Timing Differences
3	911Q-DSIT DSIT ENTRY - NORMALIZED	12,704		12,704	-	-	Electric operations DSIT
4	014C-PA NOL-STATE C/F-DEF TAX ASSET-L/T - PA	-		-	-	•	Net operating loss carryforward due to negative Pennsylvania state taxable income
5	960F-XS EXCESS ADFIT 282 - PROTECTED.	640	640	-	-	-	Gross-up on Excess ADIT related to Plant
6							
7							
8							
9							
10							
11	Subtotal - Form 1 p234, line 8, column (b)	149,861	640	149,221	-		
12	Wages & Salary Allocator					1.00	
13	Net Plant Allocator				1.00		
14	Total - sum cols. D-G	149,221		149,221	-	-	

### Transource Pennsylvania, LLC

### Attachment 4a - Accumulated Deferred Income Taxes (ADIT) Worksheet

### Beginning of Rate Year and Rate Year Average

Page 2 of 2

### 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

	A ADIT COL	В	C	D	F	G	н
	ADIT- 281	Total	Non-Electric	Transmission	Plant	Labor	a see a
Line:			or Excluded	Related	Related	Related	Justification
15		-					
16	0.1	-					
17	Subtotal - Form 1 p272, line 8, column (b)	-	-	-	-	-	
18	Wages & Salary Allocator				4.00	1.00	
19 20	Net Plant Allocator Total - sum cols. D-G				1.00		
20	Total - Sum cols. D-G	-		-	-	-	
	Δ.	В	0	Б	-	0	11
	Α	В	C	D	F	. G	Н
	ADIT- 282	Total	Non-Electric	Transmission	Plant	Labor	and the second s
Line:	OOOA NORMALIZED DICUO TAX DEDD	(0.0=1)	or Excluded	Related	Related	Related	Justification Division Divisio
21	230A NORMALIZED BK VS TAX DEPR	(6,074)	-	-	(6,074)		Related to Capitalized Plant Timing Differences
22	310A AOFUDC	30,766	-	-	30,766		Related to Capitalized Interest Timing Differences
23	712K CAPITALIZED SOFTWARE COST-BOOK	45,492	-	-	45,492		Related to Capitalized Software Timing Differences
24	910K REMOVAL COSTS	-	-	-	-		Removal cost timing differences
25	380J INT EXP CAPITALIZED FOR TAX	-	-	-	-		Related to Capitalized Interest 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 - PROTECTED282.4	(2,382)	(2,382)	-	-	-	Related to Excess ADIT on Plant Timing Differences
28	Subtotal - Form 1 p274, line 2, column (b)	70,184	(2,382)	-	72,566	-	
29	Wages & Salary Allocator					1.00	
30	Net Plant Allocator				1.00		
31	Total - sum cols. D-G	72,566		-	72,566	-	
	Α	В	С	D	F	G	Н
	ADIT- 283	Total	Non-Electric	Transmission	Plant	Labor	
Line:	_		or Excluded	Related	Related	Related	Justification
32	014C-PA NOL-STATE C/F-DEF TAX ASSET L/T PA	0	-	0	-	-	DFIT on Pennsylvania State NOL carryforward in 190
33	911Q-DSIT DSIT ENTRY - NORMALIZED	60,491	-	60,491	-	-	Electric operations DSIT
34	671S REG ASSET-PRE CONSTRUCTION COSTS	66,952	-	66,952	-	-	Book Deferral Timing Differences
35							
36							
37	Subtotal - Form 1 p276, line 9, column (b)	127,443	-	127,443	-	-	
38	Wages & Salary Allocator					1.00	
39	Net Plant Allocator				1.00		
40	Total - sum cols. D-G	127,443		127,443	-	-	

### Page 1 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	140,374	-	140,374	-		Revenue Refund Timing Differences
2	601E INSURANCE PREMIUMS ACCRUED	(3,857)	-	(3,857)	-		Prepaid Insurance Timing Differences
3	911Q-DSIT DSIT ENTRY - NORMALIZED	12,229	-	12,229	-		Electric operations DSIT
4	014C-PA NOL-STATE C/F-DEF TAX ASSET-L/T - PA	4,275	-	4,275	-	•	Net operating loss carryforward due to negative Pennsylvania state taxable income
5	960F-XS EXCESS ADFIT 282 - PROTECTED.	640	640	-	-	-	Gross-up on Excess ADIT related to Plant
6							
7							
8							
9							
10							
11	Subtotal - Form 1 p234, line 8, column ( c )	153,661	640	153,021	-	•	
12	Wages & Salary Allocator					1.00	
13	Net Plant Allocator				1.00		
14	Total - sum cols. D-G	153,021		153,021	-		

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

Page 2 of 2

### 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

	Α	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	-		-	-	-	
				-	-		
	A	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	(12,303)	-	-	(12,303)		Related to Capitalized Plant Timing Differences
25	310A AOFUDC	30,766	-	-	30,766	-	Related to Capitalized Interest Timing Differences
26	712K CAPITALIZED SOFTWARE COST-BOOK	45,492	-	-	45,492	-	Related to Capitalized Software Timing Differences
27	910K REMOVAL COSTS	1,491	-	-	1,491	-	Removal cost timing differences
28	380J INT EXP CAPITALIZED FOR TAX	(11)	-	-	(11)	-	Related to Capitalized Interest Timing Differences
29	960F-XS EXCESS ADFIT 282 - PROTECTED 282.1	2,382	-	-	2,382	-	Related to Excess ADIT on Plant Timing Differences
30	960F-XS EXCESS ADFIT 282 - PROTECTED282.4	(2,382)	(2,382)	-	-	-	Related to Excess ADIT on Plant Timing Differences
31			,				
32	Subtotal - Form 1 p275, line 2, column (k)	65,434	(2,382)	-	67,816	-	
33	Wages & Salary Allocator					1.00	
34	Net Plant Allocator				1.00		
35	Subtotal - sum cols. D-G	67,816		-	67,816	-	
36	Less: IRS Proration Adjustment - Att. 4C, line 19	(3,344)			(3,344)		
37	Total - sum cols. D-G	71,160	-	-	71,160	-	
	A	В	С	D	F	G	Н
	ADIT- 283	Total	Non-Electric	Transmission	Plant	Labor	
Line:			or Excluded	Related	Related	Related	Justification
38	014C-PA NOL-STATE C/F-DEF TAX ASSET L/T PA	898	-	898	-	-	DFIT on Pennsylvania State NOL carryforward in 190
39	911Q-DSIT DSIT ENTRY - NORMALIZED	58,232	-	58,232	-	-	Electric operations DSIT
40	671S REG ASSET-PRE CONSTRUCTION COSTS	35,200	-	35,200	-	-	Book Deferral Timing Differences
41							
42							
43							
44	Subtotal - Form 1 p277, line 9, column (k)	94,329	-	94,329	-	-	
45	Wages & Salary Allocator					1.00	
46	Net Plant Allocator				1.00		
47	Total - sum cols. D-G	94,329		94,329	-	-	

## 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	(12,303)
2	Rate Year beginning balance	Attachment 4a, line 28 Column B	(6,074)
3	Annual forecasted change	Line 1 less Line 2	-6,230
4	Monthly forecasted change	Line 3 / 12	-519

	<b>(A)</b>		(B) Proratable		(C)	<b>(D)</b>	<b>(E)</b>	<b>(F)</b>		<b>(G)</b>		<b>(H)</b>
			Deferred Tax		eferred Tax		Number of Days					
Line	Future Test Period		Activity		Balance	Days in Month	Left in Period	Proration Amount	Ρ	Prorated Item	Pro	rated Balance
5	Beginning Balance	\$	(6,074)	\$	(6,074)		365	100.00%	\$	(6,074)	\$	(6,074)
6	January (line 4)	\$	(519)	\$	(6,593)	31	335	91.78%	\$	(476)	\$	(6,550)
7	February	\$	(519)	\$	(7,112)	28	307	84.11%	\$	(437)	\$	(6,987)
8	March	\$	(519)	\$	(7,631)	31	276	75.62%	\$	(393)	\$	(7,379)
9	April	\$	(519)	\$	(8,150)	30	246	67.40%	\$	(350)	\$	(7,729)
10	May	\$	(519)	\$	(8,669)	31	215	58.90%	\$	(306)	\$	(8,035)
11	June	\$	(519)	\$	(9,189)	30	185	50.68%	\$	(263)	\$	(8,298)
12	July	\$	(519)	\$	(9,708)	31	154	42.19%	\$	(219)	\$	(8,517)
13	August	\$	(519)	\$	(10,227)	31	123	33.70%	\$	(175)	\$	(8,692)
14	September	\$	(519)	\$	(10,746)	30	93	25.48%	\$	(132)	\$	(8,824)
15	October	\$	(519)	\$	(11,265)	31	62	16.99%	\$	(88)	\$	(8,913)
16	November	\$	(519)	\$	(11,784)	30	32	8.77%	\$	(46)	\$	(8,958)
17	December	\$	(519)	\$	(12,303)	31	1	0.27%	\$	(1)	\$	(8,960)
18	Ending Balance			\$	(12,303)						\$	(8,960)
19	Proration Adjustment	- Lin	ne 18 Col. (H) le	ss C	ol. (C )						\$	3,344

### Attachment 5 Return on Rate Base Worksheet Transource Pennsylvania, LLC

### RETURN ON RATE BASE (R)

	RETURN ON RETTE BIBE (R)							
1	Long Term Debt Interest (117, sun	n of 62.c - 67.c) Note D		İ	\$ 795,635			
2	Preferred Dividends (118.29c) (por	sitive number)			-			
3	Proprietary Capital (Line 25 ( c))				59,025,939			
4	Less Preferred Stock (line 25 (b))				-			
5	Less Account 216.1 Undistributed	Subsidiary Earnings (Lin	e 25(d))		-			
6	Less Account 219 Accum. Other C	Comprehensive Income (L	ine 25(e))		-			
7		(Sum of Lines 3 through		•	59,025,939	•		
,	Common Stock	(Sum of Lines 5 through	0)		37,023,737			
					\$	%	Cost	Weighted
8	Long Term Debt	Line 25 (a), Note A and A	Attachment H-29A N	lote Q	58,300,000	40.00%	1.42%	0.57% =WCLTD
9		Line 25 (b), Note B and A			-	0.00%	0.00%	0.00%
10		Line 7, Note C and Attac		Q and T	59,025,939	60.00%	10.40%	6.24%
11	Total	(Sum of Lines 8 through	10)		117,325,939	-	_	6.81% =R
		(a)	(h)	(a)	(4)	(a)		
		(a)	(b)	( c)	(d)	(e)		
					Undistributed Sub	Accum Other		
		Long Term Debt	Preferred Stock	Proprietary Capital	Undistributed Sub Earnings 216.1	Accum Other Comp. Income 219		
	Monthly Balances for Capital Structure	Long Term Debt (112.18-21.c)		Proprietary Capital (112.16.c)	Undistributed Sub	Accum Other		
12	December (prior year)	Long Term Debt (112.18-21.c) 30,600,000	Preferred Stock	Proprietary Capital (112.16.c) 37,001,564	Undistributed Sub Earnings 216.1	Accum Other Comp. Income 219		
12 13	December (prior year) January	Long Term Debt (112.18-21.c) 30,600,000 31,600,000	Preferred Stock	Proprietary Capital (112.16.c) 37,001,564 31,634,347	Undistributed Sub Earnings 216.1	Accum Other Comp. Income 219		
13 14	December (prior year) January February	Long Term Debt (112.18-21.c) 30,600,000 31,600,000 36,600,000	Preferred Stock	Proprietary Capital (112.16.c) 37,001,564 31,634,347 37,073,962	Undistributed Sub Earnings 216.1	Accum Other Comp. Income 219		
13 14 15	December (prior year) January February March	Long Term Debt (112.18-21.c) 30,600,000 31,600,000 36,600,000 41,600,000	Preferred Stock	Proprietary Capital (112.16.c) 37,001,564 31,634,347 37,073,962 41,709,900	Undistributed Sub Earnings 216.1	Accum Other Comp. Income 219		
13 14 15 16	December (prior year) January February March April	Long Term Debt (112.18-21.c) 30,600,000 31,600,000 36,600,000 41,600,000 47,100,000	Preferred Stock	Proprietary Capital (112.16.c) 37,001,564 31,634,347 37,073,962 41,709,900 47,341,947	Undistributed Sub Earnings 216.1	Accum Other Comp. Income 219		
13 14 15 16 17	December (prior year) January February March April May	Long Term Debt (112.18-21.c) 30,600,000 31,600,000 36,600,000 41,600,000 47,100,000 51,600,000	Preferred Stock	Proprietary Capital (112.16.c) 37,001,564 31,634,347 37,073,962 41,709,900 47,341,947 51,969,953	Undistributed Sub Earnings 216.1	Accum Other Comp. Income 219		
13 14 15 16 17 18	December (prior year) January February March April May June	Long Term Debt (112.18-21.c) 30,600,000 31,600,000 41,600,000 47,100,000 51,600,000 57,100,000	Preferred Stock	Proprietary Capital (112.16.c)  37,001,564  31,634,347  37,073,962  41,709,900  47,341,947  51,969,953  57,094,556	Undistributed Sub Earnings 216.1	Accum Other Comp. Income 219		
13 14 15 16 17 18 19	December (prior year) January February March April May June July	Long Term Debt (112.18-21.c) 30,600,000 31,600,000 41,600,000 47,100,000 51,600,000 57,100,000 62,600,000	Preferred Stock	Proprietary Capital (112.16.c)  37,001,564  31,634,347  37,073,962  41,709,900  47,341,947  51,969,953  57,094,556  62,214,241	Undistributed Sub Earnings 216.1	Accum Other Comp. Income 219		
13 14 15 16 17 18 19 20	December (prior year) January February March April May June July August	Long Term Debt (112.18-21.c) 30,600,000 31,600,000 46,600,000 47,100,000 57,100,000 62,600,000 69,100,000	Preferred Stock	Proprietary Capital (112.16.c)  37,001,564  31,634,347  37,073,962  41,709,900  47,341,947  51,969,953  57,094,556  62,214,241  69,329,878	Undistributed Sub Earnings 216.1	Accum Other Comp. Income 219		
13 14 15 16 17 18 19 20 21	December (prior year) January February March April May June July August September	Long Term Debt (112.18-21.c) 30,600,000 31,600,000 36,600,000 41,600,000 47,100,000 51,600,000 57,100,000 62,600,000 69,100,000 74,900,000	Preferred Stock	Proprietary Capital (112.16.c) 37,001,564 31,634,347 37,073,962 41,709,900 47,341,947 51,969,953 57,094,556 62,214,241 69,329,878 74,940,550	Undistributed Sub Earnings 216.1	Accum Other Comp. Income 219		
13 14 15 16 17 18 19 20 21 22	December (prior year) January February March April May June July August September October	Long Term Debt (112.18-21.c) 30,600,000 31,600,000 36,600,000 41,600,000 47,100,000 57,100,000 62,600,000 69,100,000 74,900,000 79,700,000	Preferred Stock	Proprietary Capital (112.16.c)  37,001,564  31,634,347  37,073,962  41,709,900  47,341,947  51,969,953  57,094,556  62,214,241  69,329,878  74,940,550  79,743,875	Undistributed Sub Earnings 216.1	Accum Other Comp. Income 219		
13 14 15 16 17 18 19 20 21 22 23	December (prior year) January February March April May June July August September October November	Long Term Debt (112.18-21.c) 30,600,000 31,600,000 36,600,000 41,600,000 47,100,000 57,100,000 62,600,000 69,100,000 74,900,000 79,700,000 84,700,000	Preferred Stock	Proprietary Capital (112.16.c)  37,001,564  31,634,347  37,073,962  41,709,900  47,341,947  51,969,953  57,094,556  62,214,241  69,329,878  74,940,550  79,743,875  85,343,439	Undistributed Sub Earnings 216.1	Accum Other Comp. Income 219		
13 14 15 16 17 18 19 20 21 22	December (prior year) January February March April May June July August September October	Long Term Debt (112.18-21.c) 30,600,000 31,600,000 36,600,000 41,600,000 47,100,000 57,100,000 62,600,000 69,100,000 74,900,000 79,700,000	Preferred Stock	Proprietary Capital (112.16.c)  37,001,564  31,634,347  37,073,962  41,709,900  47,341,947  51,969,953  57,094,556  62,214,241  69,329,878  74,940,550  79,743,875	Undistributed Sub Earnings 216.1	Accum Other Comp. Income 219		

- 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
- 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 Transource Pennsylvania, LLC

Projected Revenue Requirement (Note A) \$4,004,649

Less

Actual Net Revenue Requirement (Note B) \$2,482,098

Over (Under) Recovery Equals

\$1,522,551

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 R	tefunds or Surcharges	Over (Under) Recovery Plus Interest	Monthly Interest Rate on Attachment 6a 0.419%	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
An over or under collection w	vill be recovered prorata over year collected, l	held for one year and returned prora	ta over next year				
Calculation of Interest					Monthly		
January	Year 2019	126,879.26	0.419%	12	(6,384.56)		(133,263.82)
February	Year 2019	126,879.26	0.419%	11	(5,852.52)		(132,731.77)
March	Year 2019	126,879.26	0.419%	10	(5,320.47)		(132,199.73)
April	Year 2019	126,879.26	0.419%	9	(4,788.42)		(131,667.68)
May	Year 2019	126,879.26	0.419%	8	(4,256.38)		(131,135.63)
June	Year 2019	126,879.26	0.419%	7	(3,724.33)		(130,603.58)
July	Year 2019	126,879.26	0.419%	6	(3,192.28)		(130,071.54)
August	Year 2019	126,879.26	0.419%	5	(2,660.24)		(129,539.49)
September	Year 2019	126,879.26	0.419%	4	(2,128.19)		(129,007.44)
October	Year 2019	126,879.26	0.419%	3	(1,596.14)		(128,475.40)
November	Year 2019	126,879.26	0.419%	2	(1,064.09)		(127,943.35)
December	Year 2019	126,879.26	0.419%	1	(532.05)		(127,411.30)
					(41,499.67)		(1,564,050.73)
I the same by December	W 2020	(1.5(4.050.72)	0.4100/	12	Annual		(1.642.754)
January through December	Year 2020	(1,564,050.73)	0.419%	12	(78,703)		(1,642,754)
Over (Under) Recovery Plus I	Interest Amortized and Recovered Over 12 M	Ionths			Monthly		
January	Year 2021	1,642,753.77	0.419%		(6,888.61)	140,656.10	(1,508,986.28)
February	Year 2021	1,508,986.28	0.419%		(6,327.68)	140,656.10	(1,374,657.85)
March	Year 2021	1,374,657.85	0.419%		(5,764.40)	140,656.10	(1,239,766.15)
April	Year 2021	1,239,766.15	0.419%		(5,198.75)	140,656.10	(1,104,308.80)
May	Year 2021	1,104,308.80	0.419%		(4,630.73)	140,656.10	(968,283.43)
June	Year 2021	968,283.43	0.419%		(4,060.34)	140,656.10	(831,687.66)
July	Year 2021	831,687.66	0.419%		(3,487.54)	140,656.10	(694,519.10)
August	Year 2021	694,519.10	0.419%		(2,912.35)	140,656.10	(556,775.34)
September	Year 2021	556,775.34	0.419%		(2,334.74)	140,656.10	(418,453.98)
October	Year 2021	418,453.98	0.419%		(1,754.72)	140,656.10	(279,552.60)
November	Year 2021	279,552.60	0.419%		(1,172.26)	140,656.10	(140,068.75)
December	Year 2021	140,068.75	0.419%		(587.35)	140,656.10	(0.00)
				•	(45,119.49)		
Total Amount of True-Up Adju	stment				\$	(1,687,873)	
Less Over (Under) Recovery					\$	1,522,551	
Total Interest					\$	(165,322)	

### 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	5.18%
2	Rate Year February	5.18%
3	Rate Year March	5.18%
4	Rate Year April	5.45%
5	Rate Year May	5.45%
6	Rate Year June	5.45%
7	Rate Year July	5.50%
8	Rate Year August	5.50%
9	Rate Year September	5.50%
10	Rate Year October	5.42%
11	Rate Year November	5.42%
12	Rate Year December	5.42%
13	Rate Year Plus 1 January	4.96%
14	Rate Year Plus 1 February	4.96%
15	Rate Year Plus 1 March	4.96%
16	Rate Year Plus 1 April	4.75%
17	Rate Year Plus 1 May	4.75%
18	Rate Year Plus 1 June	4.75%
19	Rate Year Plus 1 July	3.43%
20	Rate Year Plus 1 August	3.43%
21	Average rate	5.03%
22	Monthly Average rate	0.42%
44	Withing Average rate	0.4270

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**

			AEP	KCP&L	Total
Line No.			(a) Year Ended	(b) Year Ended	(c) = (a+b)
1			<b>December 31, 2015</b>	<b>December 31, 2015</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	96,706	-	
8	PBOP Expense Allowed for current year	Line 6 times line 7	(2,837)	-	(2,837)
9					
10	Actual PBOP in Company's O&M and A&G expense account	ts in Form No. 1			-

- 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.
- 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 В \$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

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.

No		
1	Interest rate on Construction Debt for Rate Year - Line 19 (g)	1.27%
2	Rate Year Debt Fee expense - Line 35 ( e )	0.15%
3	Total Cost of Debt	1.42%
	Interest Rate Information	
4	Commitment Fee Rate (%)	0.08%
5	Projected Average Drawn Rate for Rate Year (%) - Note A	1.05%

	Month During Rate Year	Total Loan Amount (\$000)	Principal Drawn (\$000)	Unutilized Loan Balance (\$000)	Commitment Fee (\$000)	Interest Expense (\$000)	Effective Annual Interest Rate (%)
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
6	December Prior Year	154,170	30,600	123,570	7.72	27	
7	January	154,170	31,600	122,570	7.66	28	
8	February	154,170	36,600	117,570	7.35	32	
9	March	154,170	41,600	112,570	7.04	36	
10	April	154,170	47,100	107,070	6.69	41	
11	May	154,170	51,600	102,570	6.41	45	
12	June	154,170	57,100	97,070	6.07	50	
13	July	154,170	62,600	91,570	5.72	55	
14	August	154,170	69,100	85,070	5.32	60	
15	September	154,170	74,900	79,270	4.95	66	
16	October	154,170	79,700	74,470	4.65	70	
17	November	154,170	84,700	69,470	4.34	74	
18	December	154,170	90,700	63,470	3.97	79	
19	Average of the 13 Monthly Balances		58,300		77.89	663	1.27%

Example Fee Calculation - All amounts represed	nt actual rate year evnences

				. ,				10,
						Rate Year		
						Amortized Fee	Prior Years	Unamortized
			s Fee Amount		Fee Amortization	Amount, col. b / col.		Balance - End of
	Origination Fees	Rates/Fees	(\$000)	Year Fee Incurred	period (years)	d	Amortization	Rate Year
20	Underwriting Discount				1	-	0	-
21	Arrangement Fee		77	2020	3	26	0	51
22	Upfront Fee		154	2020	3	51	0	103
23	Rating Agency Fee				1	-	0	-
24	Legal Fees				1	-	0	-
25	Other				1	-	0	-
26	Total Issuance Expense / Origination Fees		231			77	-	154
27								
28	Annual Fees							
29	Annual Rating Agency Fee			2020	N/A	-	N/A	N/A
30	Annual Bank Agency Fee		12	2020	N/A	12	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		243			89	-	154
34	13 Month Average Debt balance - Line 19 ( c)					58,300		
35	Rate Year cost of fees					0.15%		
36	Proxy interest rate. Used prior to issuance of construction financing and	supported in initial section 205 f	iling.	2.98%				
			-					

(b)

(d)

(c)

(f)

(g)

Notes

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	0.25%
Spread	0.80%
Total	1.05%

## 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)	( <b>d</b> )
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	-

Average of the 13 Monthly Balances

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

#DIV/0!

### Notes

16

17

December

- 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	MISSION PLANT						
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%
GENERA	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%
INTANG	IBLE PLANT						
303	Miscellaneous Intangible Plant	5					20.00%

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>b</b> ) Calendar Year
			Revenue	
Line			Impact of	Revenue
No.	<u>Description</u>	<u>Source</u>	Correction	Requirement
	EU N LD			
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		0.25%
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		-

- 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 Total	Transmission	Telateu
3	Joint pole attachments - telephone  Joint pole attachments - cable	Company books	-	-	-
4	Underground rentals	Company books	-	-	-
5	Transmission tower wireless rentals	Company books	_	_	-
6	Other rentals	Company books	-	-	-
7	Other rentals	Company books	-	-	-
8	Account 454 Revenue Credit	Form 1 300.19.b			
Ü	The state of the s	101111 1 50011516			
	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	12,234,250	-	12,234,250
16	Other	Company books	-	-	-
17	Total Per Books	Form 1 330.n	12,234,250	-	12,234,250
18	Less: revenues received pursuant to this Formula Rate	Company books	12,234,250		12,234,250
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

Facility Credits under Section 30.9 of the PJM OATT

Note:

1

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.